ISCO–08 Volume I

International
Labour
Office

Geneva

International Standard Classification of Occupations

Structure, group definitions and correspondence tables

INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS

ISCO-08

INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS

ISCO-08

VOLUME 1

STRUCTURE, GROUP DEFINITIONS AND CORRESPONDENCE TABLES

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*OUFSOBUJPOBM 4UBOEBSE $MBTTJm*DBUJPO PGGPOBMV-QBBCUPJMPSOT D*F4$0
(FOFWB *-0
W

*4#/ QSJOU
*4#/ XFC QEG

International Labour O ce

*4$0 PDDVQBUJPOBM DMBTTJmDBUJPO PDDVQBUJPOBM EFTDSJQUJPO

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5IF EFTJHOBUJPOT FNQMPZFE JO *-0 QVCMJDBUJPOT BOE UIF
UJPO PG NBUFSJBM UIFSFJO EP OPU JNQMZ BOZ PQJOJPO XIBUTPFWFS PO UIF QBSU PG UIF *OUFSOBUJ
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Sales workers . . . . . .
Personal and protective services workers . . . . . .
Chefs, cooks and food preparation assistants . . . . . .
0DDVQBUJPOT JO BHSJDVMUVSF . . . . . .
0DDVQBUJPOT JO DSBGUT SFQBJS . . . . . .
Electrical and electronics trades workers . . . . . .
Handicraft workers . . . . . .
Printing occupations . . . . . .
Plant and machine operators . . . . . .
*NQSPWFE JEFOUJmDBUJPO PG . . . . . .
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.BOBHFST TVQFSWJTPST BOE . . . . . .
Managers and supervisors . . . . . .
Managers and operators of small businesses . . . . . .
Size of the organization . . . . . .
3FMBUFE PDDVQBUJPOT . . . . . .
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Traditional and complementary medicine professionals and associate professionals
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Domestic housekeepers and domestic cleaners . . . . . .
#PVOEBSJFT . . . . . .
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"EPQUJOH *4$0 . . . . . .
%FWFMPQNFOU PS SFWJFX PG . . . . . .
.BQQJOH OBUJPOBM PDDVQBUJPO . . . . . .
$PEJOH UP CPUI UIF OBUJPOBM . . . . . .
6. Collection and coding of data for classi cations based on ISCO-08 . . . . . .
*OGPSNBUJPO . . . . . .

5ZQFT PG RVFTUJPO . . . . . .
Pre-coded questions . . . . . .
Open-ended questions . . . . . .
4VHHFTUFE RVFTUJPOT SFDPNNFOEFMEQNSOUFTUJOH BOE GVSU
"TTJHOJOH DMBTTJmDBUJPO DPEFT UP TWSWFZ SFTQPOTFT DP
$PEJOH PG WBHVF BOE JOBEFRVBUF SFTQPOTFT

Part II. Structure of the International Standard Classification of Occupations (ISCO-08)

.BKPS (SPVQT . . . . . .
.BKPS BOE 4VC NBKPS (SPVQT . . . . . .
.BKPS 4VC NBKPS BOE JOPS (SPVQT . . . . . .
.BKPS 4VC NBKPS JOPS BOE 6OJU (SPVQT 72

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.BKPS (SPVQ 5FDIOJDJBOT BOE "TTPDJBUF 1SPGFTTJPOBMT
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.BKPS (SPVQ 4FSWJDF .BOBHFST 4BMFT 8PSLFST . . . . . .
.BKPS (SPVQ 4JMMFE "HSJDVMUVSBM 'PSFTUSZ BOE 'JTIFSZ 8PS
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.BKPS (SPVQ 1MBOU BOE .BDIJOF 0QFSBUPST BOE "TTFNCMFST
.BKPS (SPVQ &MFNFOUBSZ 0DDVQBUJPOT . . . . . .
.BKPS (SPVQ "SNFE 'PSDFT 0DDVQBUJPOT . . . . . .

Part IV. Correspondence with ISCO-88

$PSSFTQPOEFODF UBCMF *4$0 UP *4$0 . . . . . .
$PSSFTQPOEFODF UBCMF *4$0 UP *4$0 . . . . . .

Annexes

4FWFOUFFOUI *OUFSOBUJPOBM $P3FGTPMVOUFOP*G**-BCPVS 4U
Resolution concerning further work on the International Standard
$MBTTJmDBUJPO..PG..0D.DVQBUJPOT.....
2. Resolution concerning updating the International Standard Classi cation
PG 0DDVQBUJPOT.....
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.BQQJOH PG *4$0 NBKPS HSPVQT..U.P..TLJMM. MFWFMT
.BQQJOH PG UIF GPVS *4$0 TLJMMFWELJPTOUP *4$&% M
/VNCFST PG HSPVQT BU..F.B.D.I..MF.WF.M..P.G..*4$22
4VC NBKPS HSPVQT JO .BKPS (SPVEQ*4$01S.P.GFTTJPOBMT *4$
4VC NBKPS HSPVQT JO .BKPS (SPVQ1SPGFTTJPOBMT BOE "T
*4$0 BOE *4$0.....
4VC NBKPS BOE NJOPS HSPVQT JO 0BK.P.S..(SPVQ *4$0 B
4VC NBKPS BOE NJOPS HSPVQT JO VQQFSSPVQ &MFNFO
*4$0 BOE *4$0.....

PART I

INTRODUCTORY AND METHODOLOGICAL NOTES

1. NATURE, OBJECTIVES AND DEVELOPMENT OF ISCO-08

1.1 Overview of ISCO-08

5IF *OUFSOBUJPOBM 4UBOEBSE $MBTTJmDBUJPO PG 0DDVQBUJPOT *4$0 XIJDI JT
for classifying and aggregating occupational information obtained by means of statistical cen-
TVTFT BOE TVSWFZT BT XFMM BT GBSSPNWBJEJNJOJTUSBUJWF EBUB
4UBOEBSE $MBTTJmDBUJPO PG 0DDVQBUJPOT *4$0 XIJDI JU

*4$0 JT B GPVS MFWFM IJFSBSDIJDBM DMBTTJmDBUJPO
XPSME UP CF DMBTTJmFE JOUP VOJGPSN HSPVQT
DMBTTJmDBUJPO TUSVDUVSF BOE BSF CBTFE PO UIF KPC
NBKPS HSPVQT CBTFE PO UIF JSMT JNFJWMFBMS JBUDZE JTDL JUMFWMNTTQ PG JUBIMFJTTBL
RVJSFE GPS UIF KPCT 5IJT BMMPXTF UBSFJMQMSE EJVCDUFJSPOBPUG PSCFBMMBMZ WDFMNZQ
EBUB BT XFMM BT TVNNBSZ JOGPSNBUJHJPOT UG MFWFMZ G BHSFFE

5IF DMBTTJmDBUJPO XBT BEPQUFE UCZ -BCPVS 4UBUJTUJDJBOT
VQEBUJOH UIF *OUFSOBUJPOBM 4UBOEBSE $MBTTJmDBUJPO
%FDFNCFS 5IJT NFFUJOH XBT DPOZPHFE UCZ *UDIF
-BCPVS 0 DF JO BDDPSEBODF XJUI BWBSFOFTT PG
GFSFODF PG -BCPVS 4UBUJTUJDJBOT T*SE4CZ* OI
JO .BSDI UIF *OUFSOBUJPOBM -BCPVS 4UBUJTUJDJBOT
BOE DPOWFOF B USJQBSUJUF MFBEFSTJOHBBUG PSZ
QSPQSJBUF SFDPNNFOEBUJPOT UP UIF (PWFSOJOH #PEZ
JT QSPWJEFE JO "OOFY

5IF SFTPMVUJPO PG UIF .FFUJOH (PWFSOJOH #PEZ
*U XBT BMTP QSFTFOUFE UP CE
TJPO JO 'FCSVBSZ BOE UIF &JHIUFFOUI
*4$0 JT UIVT GVMMZ TVQQPSUFE CZ
international labour statistics.

&BDI HSPVQ JO UIF DMBTTJmDBUJPO
XJUI B EFmOJUJPO UIBU TQFDJmFT
NBJO UBTLT BOE EVUJFT QFSGPSNFE
UIF PDDVQBUJPOBM HSPVQT JODMVEFE
5IF *4$0 IJFSBSDIJDBM TUSVDUVSF
1BSU ** 1BSU *** QSFTFOUT UIF
sub-major groups and major groups.

5IJT JOUSPEVDUJPO EFTDSJCFT UIF
TUSVDUVSF BOE PUIFS NFUIPEPMPHJDBM
BQQMJDBUJPO PG *4$0 JO EBUB
on some of the more di cult distinctions made between categories.

5IF NBJO EJ FSFODFT CFUXFFO *4$0
BSF TVNNBSJ[FE JO $IBQUFS CF
UIF PME BOE OFX DMBTTJmDBUJPOT
JO *4$0 DPEF PSEFS BOE *4$0 DPEF PSEFS

7PMVNF Index of occupational titles QSPWJEFT TVQQMFNFOUBSZ JOGPSNBUJPO PO
included in each group, linking real job titles used in the world of work with the categories in the
DMBTTJmDBUJPO TUSVDUVSF *U
PG OBUJPOBM JOEFYFT PG PDDVQBUJPOT
JT B SFQMBDFNFOU GPS UIF JOEFYBUPG
MJDBUJPO BOE JODMVEFT EJHJUI*4$0 DVQBUJPOBM4$0 DEFTDSJQUJPOT

"MM PG UIF JOGPSNBUJPO DPOUBJOFE
XXX JMP PSH QVCMJD FOHMJTI CVSBEVO
CF TVQQMFNFOUFE Implementation Guide UIBU XJMM QSPWJEF BEWJDF BOE
PO BEBQUJOH *4$0 GPS OBUJPOBM JVOUFFSOEBUGJPSO
information.

1.2 Main objectives of ISCO

(MPCBMJ[BUJPO PG UIF MBCPVS NBSLFU UIFSBUIFS UIBO PDDVQBUJPOBM EBUB GPSWCFPQMF SFQPSUJOH TBUJTGZ UIJT EFNBOE CZ QSPWJEJOH

B B DPOUFNQPSBSZ BOE SFMFWBOU PSCUBJOJOH GDFPSNQBSBCMF JOUFSOBUJPOBM DIBOHF PG TUBUJTUJDBM BOE BENJOJTUSBUJWF JOGPSNBUJPO B

C B VTFGVM NPEFM GPS UIF EFWFMPQNFOU BOE UFTUJOH PG OBUJPOBM JTPDPGMPBTTJmDBUJPOT and

D B TZTUFN UIBU DBO CF VTFE FBTJMZ FEBQUWMFZMJPQQFEP VOFUJSSJPTXOJHBUIJB classi cations.

*4$0 TFFLT UP GBDJMJUBUF JOPUDPSVQBUJPOBM DPNQBSBCJMJUZ BOE UBLFT JOUP BDDPVOU DIBOHFT JO TUBUJTUJDBM BOE BENJOJTUSBUJWF JOGPSNBUJPO XIFSF B GSBNFXPSL UPPM IBT CFFO EFWFMPQFE UP BDDPNNPEBUF DIBOHFT able, and by allowing international occupational data to be produced in a form that can be VTFGVM GPS SFTFBSDI BT XFMM BT BHHSFHBUJPO PG EBUB GPS JOUFSOBUJPOBM QVSQPTFT TVDI as those connected with international migration or job placement.

*U TIPVME CF FNQIBTJ[FE UIBU XIJMF JT TPNFUJNFT EJGGJDVMU UP BEBQU UIF TUBOEBSE UP OBUJPOBM DJSDVNTUBODFT JU JT BMTP JNQPSUBOU UP SFDPHOJTF UIBU JOEJWJEVBM DPVOUSJFT TIPVME HFOFSBMMZ VTF UIF TUBOEBSE JOGPSNBUJPO OFFET GPS OBUJPOBM QVSQPTFT BOE UIBU UIFZ TIPVME DPNNJU UIFNTFMWFT UP UIF QSPDFEVSFT UP NBLF UIFJS PDDVQBUJPOBM TUBUJTUJDT JOUFSOBUJPOBMMZ DPNQBSBCMF.

5IFSFGPSF UIF JEFBM TJUVBUJPO JT OPU UIBU FBDI DPVOUSZ TIPVME EFWJTF JUT PXO TZTUFN UP NFFU DPNNPO OBUJPOBM BOE JOUFSOBUJPOBM OFFET CVU SBUIFS UIBU DPVOUSJFT TIPVME DPPQFSBUF JO XBZT UIBU TPNF DPNNPO OBUJPOBM NFBTVSF DBO CF VTFE JO UIF TIPSU UP NFEJVN UFSN *O DVMMFDUJOH TUBOEBSE JOGPSNBUJPO GPDVT MJNJUFE SFTPVSDFT PO UIF FMFNFOUT UIBU TQFDJGJDBMMZ BSF SFRVJSFE GPS UIF OBUJPOBM DPOUFYU GPS FYBNQMF NBOZ DPVOUSJFT IBWF OP OBUJPOBM JOEFY PG PDDV

$MBTTJmDBUJPOT PG PDDVQBUJPOBM TUBUJTUJDT BSF FTTFOUJBMMZ TUBUJTUJDBM UPPMT UP BTTJTU JO UIF DPMMFDUJPO PG EBUB BOE JO UIF BOBMZTJT BOE QSFTFOUBUJPO PG SFTVMUT 5IFZ BSF VTFE JO UIF QSPDFTTJOH PG EBUB GSPN TVSWFZT DFOTVTFT BOE PUIFS IPVTFIPME TVSWFZT FNQMPZFS TFSWJDFT BOE PUIFS TPVSDFT TVDI BT BENJOJTUSBUJWF SFDPSET 5IFZ BSF BMTP VTFE JO UIF EFTJHO BOE DPNQBOJFT JO BDUJWJUJFT TVDI BT NBOQPXFS planning, reporting of industrial accidents, administration of workers compensation, and the management of employment-related migration.

*O PSEFS UP TBUJTGZ UIF GVMMZ JOUFSOBUJPOBM DPNQBSBCJMJUZ PG EBUB GPS BMM PDDVQBUJPOT XJMM XJTINFS UP TQFDJGZ BOE QSPWJEF UIF OFDFTTBSZ JOGPSNBUJPO BOE EFmOJUJPOBM EFUBJMT UIBO UIFSF IBT CFFO UP EBUF *O QSBDUJDF UIJT IBT CFFO EPOF JO UIF DBTF PG *4$0 UIJT DBO CF BDIJFWFE F J UIFSPVHI UFYUPZ UEXJPWPFS J NPSF TFQBSBUF BEmUGBUJMIFJE SPBDSDDVQBUJPOBM DMBTTJmDBUJPO UIF OBUJPOBM DMBTTJmDBUJPO *OPDXFJSTUBUJPO JDDBDTMFVTEFD EFVDOSJHU UJNWB DPEEFE JOGPSNBUJPO PO KPC DPOUFOUPU OBUJPOBMMZ SFQSFTFOUBUJWF XPSLT BOE EFUBJMFE PDDVQBUJPOBM OPNFODMBUVSFQPDDBSMBUJPOT GPS XBHF TFUUMFNFOUT WPDBUJPOBM HUVJEBODFT QSPHSBNNFT KPC QMBDFNFOU TFSWJDFT JmMFT BOE UBMJUZ CVU JT CFZPOE UIF TDPQF PG *4$0

*U JT JNQPSUBOU UP OPUF UIBU UIF HBNUFPQVSIPWJTFG-PVM JPCG GTBUDBJOMEB GPSNBUJPO GPS EFDJTJPO NBLJOH PUT PDDPDUVQBUJPOBMMZ SFQSFTFOUBUJWF SFHVMBUJPO PG PDDVQBUJPOT BOE EFTDSJQUJWF BOE EFmOJUJPOBM NBUUFSSJBMTJOP *4$0G EBPOZPEQUJNQQJN XIBUTPFWFS PO UIF QBSU PG UIF *OUFSJSOHBUJPOBMFMBBMCPSVSSFOHDVMBUPS status of any occupational group.

1.3 Historical background

5IF EFWFMPQNFOU PG UIF *OUFSOBUJPOBM GPPUEBTFE BOE JOUFSOBUJPOBM DMBTTJmDBUJPOT GPS BO JOUFSOBUJPOBMMZ DPNQBSBCMF TUBUJTUJDT IBT CFFO B DFOUSBM QBSU PG UIF XPSL PG UIF *OUFSOBUJPOBM DPOGFSFODF PG -BCPVS 4UBUJTUJDJBOT XIJDI NFFUT VOEFS UIF BVTQJDFT PG UIF *OUFSOBUJPOBM -BCPVS PSHBOJ[BUJPO 5IF OFFE GPS BO JOUFSOBUJPOBMMZ DPNQBSBCMF TUBUJTUJDBM GSBNFXPSL XBT SFDPHOJTFE BT FBSMZ BT BU UIF mS3TFTTJPO PG4UBUJTUJDJBOT QBSUJDJQBUJOH JO UIF XPSL PG UIF *-0 $POGFSFODF PG -BCPVS 4UBUJTUJDJBOT

8PSL UP EFWFMPQ *4$0 XBT JOJUJBUFE JO UIF mSTU IBMG PG UIF UXFOUJFUI DFOUVSZ BOE XBT UIFSFGPSF JOnVFODFE CZ UIF DIBOHJOH OBUVSF PG XPSL BOE FNQMPZNFOU BSSBOHFNFOUT JO NPTU DPVOUSJFT 5IJT JT SFnFDUFE JO UIF GBDU UIBU UIF mSTU *-0 $POGFSFODF PG -BCPVS 4UBUJTUJDJBOT XBT DBMMFE UP EFBM XJUI VOFNQMPZNFOU BOE VOEFSFNQMPZNFOU JTTVFT 5IF 4FWFOUFFOUI *$-4 JO XBT UIFSFGPSF DBMMFE UP BEPQU JOUFSOBUJPOBM TUBOEBSET PO UIF NFBTVSFNFOU PG XPSLJOH UJNF BOE UP BEWJTF UIF *-0 PO UIF GVSUIFS EFWFMPQNFOU PG UIF XPSL JO UIJT BSFB 0DDVQBUJPOT GPS .JHSBUJPO BOE &NQMPZNFOU 4UBUJTUJDT XBT DSFBUFE JO BOE JUT mSTU SFQPSU XBT QVCMJTIFE JO 5IJT SFQPSU DPOUBJOFE UIF SFTPMVUJPOT PG UIF 5IJSUFFOUI *$-4 DPODFSOJOH UIF TUBUJTUJDT PG JOUFSOBUJPOBM NJHSBUJPO BOE &NQMPZNFOU 4UBUJTUJDJBOT BOE BEPQUFE B SFWJTFE EFmOJUJPO PG *4$0 *4$0

*4$0 XBT TVQFSTFEFE CZ *4$0 PBVESPUQFUFDEUJO$-4 *C4Z$0UIF 'SFQSFTFOUFE B TJHOJmDBOU CSFBLUISPVHI JO UIF VUXFPE QUSIF WDJPPVDTFWQFUS TLJMM MFWFM BOE TLJMM TQFDJBMJ$BUJPO BT XFMM BT UP QSPWJEF B NBSHFS HSPVQT 5IF QSFWJPVT WFSTJPOT XFSF SUJmFE UP mE B UXJP MFWFM PG UIF DMBTTJmDBUJPO NF DIBOHFT SFTVMUJOH GSPN UIF JNQBDU PG UFDIOPMPHZ PO UIF XPSLGPSDF BOE TFSWJDFT QSPEVDFE BOE XTFSSFVDSSFOU MZ[ERVTJUSFJETMND TJmDBUJPOT PG FDPOPNJD BDUJWJUJFT

4JODF JUT BEPQUJPO *4$0 IBT CFGPSXEJEWFMPQ PVQTNFEOBUT PUGIFO B TJ and multinational classi cations and for the dissemination of international data classi ed CZ PDDVQBUJPO &BSMZ JO UIF mCSTDUB NEFF DMBE EBSP GPXJHWFST UIBU UIFSF XBT B OFFE UP VQEBUF *4$0 VUQPBSSFnFDUBMDFUVS OF UP workforce, as well as to address a number of problems that had been identi ed during its use JO TUBUJTUJDBM BOE PUIFS BQQMJDBUJPOT PG UIF JNQBDU PG UFDIOPMPHZ PO UIF XPSLGPSDF.

"U UIF UI 4FTTJPO PG UIF 6OJUFE/BUJPOT.B4UBUJTUJDBM $PNNJTTJPO XBT BTLFE UP EFWFMPQ B UJNFUBCMF GXPSSVMF FBMQMEBXJTOVHDFJG O*4$0J GPS UIF VQEBUFE DMBTTJmDBUJPOP PCTF OBEVBUJPMOBDMMFEG PQSU BUJPO DFOTVT 4FWFOUFFOUI *$-4% FDF BMTP EJTDVTTFE UIF UJNJOH PG UMFBXPUSIF OB UWQSE BUOE *4DSPQF P UIF XPSL UP CF EPOF BOE SFRVFTUEFZE PG-0UIF *-0 UPF (PWFSOJOH

ensure that the ILO, as the custodian of the International Standard Classi cation of Occupations *4$0 XJMM IBWF UIF DBQBDJUZ UP

(1) undertake the research and consultations necessary to formulate the modi cations and updates PG *4$0 UIBU BSF OFDFTTBSZ UP FTOFTVWF UBITB JHUP PB ON PEPEMJGOVSF OB PDDVQBUJPOBM DMBTTJmDBUJPOT GUPSCDFMVJTFGUE SGPSMSB TUEB UBJQTQUMJDDTB BTJP

(2) complete this work not later than the end of 2007 for the results to be taken into account in national preparations for the majority of population censuses that are to be undertaken in the 2010 round.

5IF GVMM UFYU PG UIF SFTPMVUJPO JT SFQSPEVDFE JO "OOFY

1.4 Overview of the updating process and consultations

22. In conducting the work to update ISCO, the ILO consulted as widely as possible with TUBLFIPMEFST BOE JOUFSFTUFE QBSUJFT QSPDFFNEJOHT JOGPSNFE CZ B SFQPSUTDFPONUNJDOTHTJBPSOHFVENEC UTIFG P-SD EQCSE BHBJOTU EJ FSFOU QBUIT CBTFE PM SPEDDFVQUBUFJYPQOFBSMJFDMDBFTTJXmJDJB JO B OVNCFS PG DPVOUSJFTT #VEMSFJEJEFSE JO UI.JBTO SFQP SJUFXJFTSTFV UIFS FYQMPSFE BMPOH XJUI PUIFSTUIBCUZ XNFISIBOTTF-OPUG UUPXBMRMVEPV USJFTT UISPVHI UIFJS NJOJTUSJFTJRPGTUMJBJCVPUFST OFBNQJMPOZBNMFOTU WPDBUJPOBM USBJOJOH JOTUJUVUFTBOBJOBEU JFNQTM P4ZMFDSDTFTBTQJEVFXFSSLBFG PG UIF VQEBUFE DMBTTJmDBUJPO TIUFS*V-DUBMSTFPXDFSOFTTMFMOUFEGPXSJUDIPE range of specialized agencies, workers and employers organizations, and stakeholders with an interest in those occupational areas where most updating was needed.

"O JNQPSUBOU DPNQPOFOU PG UIF XBP5SFLDXOBJDUBINF &YQBOTJWF(TIPNFQU GPS 6QEBUJOH *4$0 5&(*4$0 UP QSPWJEFE UBFT*JOUXBJOD BEXJJUDIF UPIE VQEBUJOH XPSL 5IJT HSPVQ DPNQSJTTJDmDBYQPSUGTSJPONFDMDW(SBFHJPO UIF XPSME BOE FYQFSUT GSPN B OVNHCFSOSDPVFTSFNVFFUWBJDYU UJDNUFTOEB/USJ UIF EFWFMPQNFOU PG *4$0 5IFTF NFUUJFOHT FXPSF-PTOVHQRJMCFHNFFOUFFD tronic discussions.

5IF NBKPS JTTVFT UIBU XFSF BEESFDTMVFEFJEOCUVIF XVFQSEFBUOJPOUH SXFP TUSJDUFE UP

UIF JNQBDU PG JOGPSNBUJPO BOE DPNONVUOFDPBDUDJVPQBFUUJPDOBMP MPH TUSVDUVSF PG UIF MBCPVS NBSLFU

UIF OFFE GPS JNQSPWFE DPWFSBHF PG IFBMUI PDDVQBUJPOT

VTFS SFRVFTUT GPS NPSF EFUBJM FSOJBFHTSPJDDVMQBSUSJBMO TGPSFTUS

UIF OFFE UP JNQSPWF UIF HSPVQJOHT GPS NBOBHFSJBM PDDVQI

DPODFSOT UIBU *4$0 XBT WFSZ EFUNBBJOMVFGBGDPUSVSTJPONHF PUDIOJ DVQBUJPOT CVU IBE NVDI MFTT EFUMBFWFMPQFGJBBHMHMSZFHBBUJJOOFSG DMFSJDBM BOE TFSWJDFT SFMBUFEBHDFDPVGBFUNJQPMOFTZXEFSQFSBTPMOTH XFSF GFNBMF

DPODFSOT BCPVU UIF FYJTUFODFMMPGMEQVSNBTMOPMPSM FHDSDPVQQBTUJBP UIBU JOWPMWFE UIF QFSGPSNBODF PG TJNJMBS PS JEFOUJDBM UIF OFFE GPS JNQSPWFE DPWFSBHF PJGO PUDIBFVJQQBGUPJSPNBFMUTBFUDQBSE BOE PG PDDVQBUJPOT XJUI MPX TLJMM SFRVJSFNFOUT

UIF EFWFMPQNFOU PG UIFNBUJD PSJmBMBUFSPBUCJBTFEWJDFSXJTNBGS JUV PO UIF HPPET PS TFSWJDFT QSPEVDFE JOEFQFOEFOUMZ PG

UIF OFFE UP SFGSFTI BOE VQEBUF IEFmOJUJPOT PG BMM DBUFHP

UIF OFFE GPS UIF *4$0 JOEFY PG FFE DBVQEBUVQEFOBBUEU JUMFT UP

5IF mSTU FYQMPSBUPSZ RVFTUJPOHOJEJSEWPJOFVQFOBBJOVHN*C4FSO PGT DPODFQUVBM JTTVFT BT XFMM BT PUJPOFBUSHFSRUVQFTU5FFGSTFQMFJmDUPF RVFTUJPOOBJSF XFSF BOBMZTFE CZ UISF U-BUBCGEPSTNVFNENBSEJ[CEETJOT BPQS EJTDVTTJPOT BCPVU *4$0 BU UIF NFFUFJSOUH(BBVQIPGO*JOUFFS OBUJPOTBX &DPOPNJD BOE 4PDJBM \$MBTTJmDBUJ*PNT IFMEPMOMP/XJOHPSL JO UIF JOBVHVSBM NFFUJOH PG UIF 5&(*4\$EFJVOF/MWPENFEFBO VQUEBFU*-E ESBGU DMBTTJmDBUJPO TUSVDUVSF%ZUBCJPNUFEUFYB-NJBOBEUJNPFONEGSUI PG UIF 5&(*4\$0 MFE UP UIF JEFOUJDmFOETUJBFCOPVFUGUBFO*V\$NCFS PG TUSVDUVSF BOE UP B TFSJFT PG GVSSUFSSVQSEBQFTEBEMSTBGPSDDMBTTOTHUFmD' TUSVDUVSF XBT EFWFMPQFE BOE UIFF*-PCTPUMFIEUSBICFUWJBFOXETPPGBDBVO PG PVUTUBOEJOH JTTVFT UISPVHEBJCTFVOPVTEURVFTUJPOOBJSF D

0O UIF CBTJT PG UIF SFTQPOTFT OJEPUGF BTEFMJPDE QSVFTUJEFFDBZSU 5&(*4\$0 UIF *-0 QSFQBSFE B iDMPTFOUFUnSOVBMWSEFSXGUDIDXMBTTNJBmEB BWBJMBCMF GPS DPNNFOU PO UIF *-0 XFCOTJTUPOJOU1FJCTSEBSZG XFS TPVHIU GSPN BMM DPVOUSJFT UPHFDJIBFCSHXFJTUI5BFT6/ONJNUBFSEZ/BGJUPCFTN &YQFSU (SPVQ PO *OUFSOBUJPOBM &TDSPEWNJEXDFEOUEIF4EDSJBBGMU \$BMUB NFFUJOH JO "QSJM BOE EJTDVTTOFJmBBCOVNCFSOPHCTBSIPB*T4\$XCFSF

XFSF QSPQPTFE 5IF *-0 UIFO QSFQBSFUEVB Fm XOBJMDIE X BBGUUQ*S4HSTUFOUTFS
BT BO "OOFY UP UIF ESBGU SFTPMVUJPOB DJPPDDBFMS C4JUOBHOEVRQSEEBUJMOBHTUJmF
UJPO PG 0DDVQBUJPOT GPS DPOTJEFSPBOU-JBPCOPEVS W4UUFBUFJFTUJDOFI PFGM&Y
%FDFNCFS "U UIJT NFFUJOH B TNIEFMEVSBOGVNCXFS FPNGBBENFBCOEENF
the amended classi cation structure was adopted as the International Standard Classi cation
PG 0DDVQBUJPOT TFF *-0

1.5 Scope of the updating work

5IF SFTPMVUJPO PG UIF 4FWFOUFFOUV Q*E-4UPJOD*H4 $BOSEFRVFFTSJEF
JNQSPWFNFOU PG *4$0 XJUI UIF PCKFNDPUSJFWF PFGUN-JBWJFOD MBBVTBTJJMmBD
UJPO XIJDI DPVME CF VTFE CZ DPVOUSJFT TFSWJDFDTBHOPEOPTUIFUS BMMJTPOJUNQSPTFFDEUFE
JO OBUJPOBM FNQMPZNFOU TFSWJDFDTBHOPEOPTUIFUS BMMJTPOJUNQSPTFFDEUFE
MJNJUBUJPOT PO UIF OBUVSF BOE FEYCUFFONUBEPG CUZFTQSFDWJGZEPOH **UIBU**

y UIF CBTJD QSPJODJQMFT BOE NBJO TUCSVDDIBVOSHFEPGC*V4U$OUIBUIOVWMESOUPHEMP
NPEJmDBUJPOT BSF OFDFTTBSZ JO FTOPUTFJOSMFJBHTU CPSUFYQPSNBOLDF
HBJOFE JO NBOZ DPVOUSJFT VTJOHE *B4T$B DPCBTFFEV-EMBIF TPJGmDEEFUWJPM
NFOUT JO UIF XPSME PG XPSL PWFS UIF MBTU ZFBST y

8JUIJO UIF GSBNFXPSL PG UIJT HFUGFSSNBJMDSE TUIS JDDPUJFOVMUUFBU-JOPEFX
UIF 5&(*4$0 BOE UIF 6/ &YQFSU (SPVQ POC*EU4PSDJBMJBMBMTA&DPDBPN
tions, that the nature of the structural and methodological changes that might be made to
*4$0 XPVME CF MJNJUFE UP UIF GPMMPXJOH TQFDJmD UZQFT PG

5IF DMBTTJmDBUJPO XBT UP CF SFWJUFXFSEFGMSBPUNWUFFTJQ[FJEOEPG
EJWFSTJUZ PG HSPVQT BU EJ FSFOUEMJFFMSFMCTDGFVTU JCCFODBVTJPOPE
circumstances, it would not be possible to impose strict guidelines on the size of groups.

0DDVQBUJPOT XJUI UIF TBNF KPC DPEEVFVDBUCJVLO XSJFURIVEJSFNSFOUTG
JO EJ FSFOU DPVOUSJFT XFSF UP CVFQDMUBTTJmFMEJNOOBBUJJOHHMUEI
OFFE GPS iQBSBMMFM HSPVQTw

5IF *4$0 NBKPS HSPVQT XFSF UP FCEIBGHSFHEEPOMZEMJEUFE
FYDFQUJPOBM DJSDVNTUBODFT *O QSBBPDWJGVFCUEBNFNBHSMSMHZS
DIBOHFE BMUIPVHI TPNF PDDVQBUJPOT VXQFSUPNBPWPFUEFGSSBPNEPOF N
UIF OBNFT PG TPNF NBKPS HSPVQT XFSF DIBOHFE UP JNQSPWF D

5IFSF XBT B OFFE GPS NPSF DPNQSFIFOMTFJMVJFD BMQOMBUOBTUDSZOBOE
UIPTF QSPWJEFE XJUI *4$0

Sub-major and minor groups should be split or merged only if there had been signi cant
HSPXUI PS EFDMJOF JO UIF OVNCFSTEPRSQXFIFQSMFHSNVQOTPZBFUE BJO U
MPXFS MFWFM XFSF TQMJU PS NFSHFWZF4VOPNBKBPJSOHTSVPVQFOTUMMVZM
MBSHF OVNCFST UP BMMPX UIF QSPEVDUJTPODPTG 5NIFBUOFOBHGVM
OVNCFS PG TVC NBKPS HSPVQT TIPVMHESOXUCEZEDSEBBTGFPEVSNBNBUJD

6OJU HSPVQT DPVME CF TQMJU PS FNBFUSFHEFUEPBSOFEFOUEXPDSPV
DVQBUJPOBM DIBOHF BOE OFXMZ JEFOUDJFmFMEESBMVTJPSFCNFFOTUQTM J6UC
where necessary, to support aggregation of data according to a set of proposed thematic
WJFXT TFF TFDUJPO CFMPX

6OJU HSPVQT XFSF OPU UP CF DSSEZUTFNEBGMFMSJPDDOVNQCEESPO
PG XPSLFST PS UIBU FYJTUFE POMZ J4CVDITRNDMMQOBVUNJCPFOSTPEGSDF
JODMVEFE BT QBSU PG B VOJU HSPVQ PDSPOOUBBJOTJVOUHBTCJMNFJMOBPSUPD
FMTFXIFSF DMBTTJmFEw DBUFHPSZ

5IF DPOUFOU PG SFTJEVBM OPU FMTECXFISSFMVDFMXBFTEJ8nIFFSFHTSVPDVIQT X
HSPVQT XFSF VOBWPJEBCMF UIF NBJOSPDUDPVQBUMJPTOUFDEMBBTT TQJBmSFU
PG UIF EFmOJUJPO PG UIF HSPVQ BOE JO UIF JOEFY

*O BEEJUJPO UP DIBOHFT PG UIJTIESXQFXPJVUMEXBCTFSBFDOFHEJUIPEEUWBFU
de nitions of all groups in the classi cation that were new or modi ed, to update and refresh
UIF EFmOJUJPOT PG UIPTF HSPVQTUUHBJUOEBYE PDGPUPDDIVBQOBHUFJEPOUPJUM
BOE UP QSPWJEF DPSSFTQPOEFODF UFBUCXMFFTO T*I4P$XOJOHBOEF *S4HSMBUJPOTIJ

1.6 Definitions of groups

5IF QSPDFTT PG EFWFMPQJOH UIF *4$0 TQMJU HSPVQT *OTUPJNUF HDSBFTW TQ TDXRNSQFM FDUSFMBZUG
B OVNCFS PG *4$0 VOJU HSPVQT *OTUPJNUF HDSBFTW TQ TDXRNSQFM FDUSFMBZUG
5IFSF XBT BMTP TUSVDUVSBM DIBOHFVGBUMFVWFFMNJTOPSDBMOVEEJTCVHC CNFBUKIPTSQ
UJOH BOE NFSHJOH PG HSPVQT BOE NPQWBFSNUFOPG PUGFVDOMJBTHTSmVQBTUJPSOI
BOPUIFS 5IFTF DIBOHFT DSFBUFE UISPVQTFRUEP GCFSEEWmMPQJFEOBTOEGF
PUIFS HSPVQT UP CF SFWJFXFE UP NUBFLEF UTIVFSDFPUOUFZOBJE PBSVBUFFMSPSVR

5IF EFmOJUJPOT PG UIPTF HSPWJQTP SIFBWJFXXFSEFBOEUVQEBOHE
BT UIF *4$0 EFmOJUJPOT XFSF BMBNETCUFO ZTFJBHSOTJmMBOBODEBUCHS
CPUI UFDIOPMPHZ BOE UIF PSHBOJ[BUJPOPG XTPSLDEBUTLFT MXBUIFJO PD

"U JUT NFFUJOH JO "QSJM UIFPG&QS4SOOBBQHMFFEGPS EFTWFUMPQJ
VQEBUJOH EFmOJUJPOT PG *4$0 DBSUFHEPSUBFUT U*E RQVBSSUBJMMMTBSSVDI
PG UIF EFmOJUJPOT TIPVME CF TJNJMBQSPBDUFNT XTFE JODF*WSSUIFM
JEFOUJmFE XJUI UIF TUSVDUVSF BOJEO DMVEFOHU UPG *4$0 MPXEFOHO

/PUFT GPPUOPUFT BOE SFGFSFODFXFUSF UTFEFUPOFJYUQJMBJTOPUGIED
CPVOEBSJFT BOE EJ FSFODFT CFUXFFO PFNFSEFBmUCJLPJSJOFTT NF
were not capable of standing on their own.

4PNF EFmOJUJPOT PG VOJU HSPVQT JO *4$0 DFTT.BKVFSMZSPVQ SFGP
search and theoretical work, with insu cient reference to practical tasks.

5IFSF XBT SFQFUJUJPO JO NBOZ EFmEJEEFE OMJPUGMTENJJMBJSFQXSBE
PG EFTDSJQUJWF JOGPSNBUJPO BLGZE ENJBESFFOUDFEJCFVMFUFOP J
groups.

5IFSF XBT B MBDL PG DMBSJUZ BCPVUSXHNUHFSWJUFPUDBTBSFDUBEFSJN[FO
the main tasks typically performed in an occupational group, or whether all tasks were
to be performed in all jobs classi ed in the group.

5IF *-0 XPSLFE DMPTFMZ XJUI 5&(*4$0WNMMRQFVSQ-BPEEBPWFFSFTmUF
OJUJPOT PG BMM *4$0 DMBTTJmDQBPJTPCDMBFUHHPmSOJFUJPPTUFGFYBEE
JO SFDFOUMZ SFWJTFE OBUJPOBM BPTDDAVQSBUFJNGUDFMBBTM J5IBVTJ
PG TJOHMF TPVSDF NBUFSJBM XBT BWEFJSLEBELBOEXIDFSSFTWTFSIQPTJOJEMX
UP BWPJE UIF SJTL PG QSPEVDJOHXBESFTTDSUQTUFJDEYOUISBJF TXFXSEICUJ
NPTU EFWFMPQFE PDDVQBUJPOBM JOGPSNBUJPO TZTUFNT

%SBGU EFmOJUJPOT PG BMM HSPVQTFSXOFSUF GNBSEFDBWNBEMBCMQBSP
ticularly by countries that were in the process of updating national classi cations to facilitate
DPNQBSBCJMJUZ XJUI *4$0 5IJT DUPHTPVQMQUPBSUJMPOJUQZSPDFJTNTQSWV
CPUI UIF RVBMJUZ BOE DMBSJUZ PG UIF EFmOJUJPOT

1.7 Index of occupational titles

5IF FOUSJFT JOindexGoccupational titles 7PMVNF JODMVEF B UFYU EFTD
UJPO GPS B XJEFS WBSJFUZ PG UIFSBNOTJVTTQFFETUJPCMF TJDOSUDFF DPMDBDTV
DBUJPO TUSVDUVSF *U QSPWJEFT BVNTBFQ OPUEXFFTDOSiSCFBMPXCPTSMDEw U
GPSNBMMZ OBNFE UJUMFT PG HSPVQVTDEVFnSGOFF4JJNOJMBFS DJMDEEFFTYJFmTDBSUFJPV
JO OBUJPOBM TFUUJOHT BT UPPMTSUPQBPTOTTJFHTO UDPMBVTFFJmDBOJJPO PDEPJ
PO PDDVQBUJPO JO TUBUJTUJDBMT B*UJEJBEJNNJQOPJSTUBSGUJWFF CEBWF
OBUJPOBM JOEFYFT PG PDDVQBUJPOBM DPOUFYU

*O DPOTJEFSJOH SFRVJSFNFOUT GJPPSOBMVQUEMEFE UIGFE&(P4G$PDD
DPODMVEFE UIBU UIF NBJO QVSQPTFJTOBFYE XMFJSLFMUZFVGPMMPRXJDOFH
UP DMBSJGZ UIF PDDVQBUJPOBM DPOUFOU PG FBDI *4$0 VOJ
to help users of ISCO to nd particular categories in the classi cation and determine
XIFSF QBSUJDVMBS PDDVQBUJPOT BSF DMBTTJmFE

UP BTTJTU JO VOEFSTUBOEJOH UJJG SFMBUBJJPOTIJQ CFUXFFO PDDVQBUJPOT
PG UIF DMBTTJmDBUJPO

UP TFSWF BT B NPEFM GPS BOEWBODFE QBOFMEBU TUBUJTUJDBM BOBMZTJT
EFYFT PG PDDVQBUJPOT GPS OBUJPOBM DMBTTJmDBUJPOT CBTF

to be used directly to assign responses in statistical collections to ISCO in situations

XIFSF OP OBUJPOBM JOEFY FYJTUT BOE XEFTJSFE DIBOHFT UP TUBOEBSE
JOEFY JO BEWBODF PG EBUB QSPDFTTJOH

5IF *4$0 JOEFY EJE OPU GVMMZ NFFU UIF SFRVJSFNFOUT PG B NBOZ DPNNPOMZ VTFE PDDVQBUJPOBM DMBTTJmDBUJPO 5IJT MFE UIF 5&(*4$0 PO B QSPDFTT UP BEESFTT TPNF PG UIF JTTVFT JOWPMWFE JO VTJOH UIF *4$0 JOEFY BT B TUBSUJOH QPJOU GPS OBUJPOBM DMBTTJmDBUJPOT &BDI FOUSZ JO UIF *4$0 BOE *4$0 DPEFT 5IF FOUSJFT XFSF TFMFDUFE BOE EFTJHOFE UP DPWFS BMM PDDVQBUJPOT XJUIJO BMM MBSHF BOE JOUFSNFEJBUF JODPNF HSPVQT XIJMF BMTP JODMVEJOH TPNF PDDVQBUJPOT XIJDI BSF TQFDJmD UP TNBMMFS HSPVQT

when occupation titles alone relate to more than one ISCO unit group.

5IF *4$0 JOEFY JT QVCMJTIFE BT *4$0 7PMVNF JO BM JDBM PSEFS BOE JO DPEF PSEFS GPSN PO UIF *4$0 XFCTJUF IUUQ XXX JMP PSH TFOEJOH BO FNBJM UP *4$0!JMP PSH PS PCUBJOJOH BEEJUJPOBM DPEJOH JOEFYFT XJUIPVU CSFBDI PG *-0 DPQZSJHIU

"T UIFSF BSF XJEF WBSJBUJPOT JO UIF XBZ JO XIJDI UIF TBNF MBOHVBHF JUPJT VTFE BDSPTT DPVOUSJFT UIBU TQFBL UIF TBNF MBOHVBHF BSF BDUVBMMZ HJWFO PS BSF UIPVHIU UP CF TP

2. CONCEPTUAL FRAMEWORK, DESIGN, STRUCTURE AND CONTENT OF ISCO-08

2.1 Underlying concepts

5IF GSBNFXPSL BOE UIF DPODFQUT V F O E B Q J M Z O O H I B 4 H O F G S P N F
UIPTF VTFE JO *4$0 5IF EFmOJUJPOT PG PVGQUBUJPOT EFUFSNJOFE CZ UIF
GPS UIFJS BQQMJDBUJPO UP UIFFFDUTTJUHSPQHUUFDFEMBTETDJMBSJUJ
XIFSF OFDFTTBSZ UP BEESFTT EFmDJFODJFT JO *4$0

5IF GSBNFXPSL VTFE GPS UIF EFTJHOJBOEBTDFPUSVXPJNPEJOG *
DPODFQUT UIjob, and the concept of skill.

"job JT EFmOFE JO *4$0 BT iB TFU PG UBTLT QFSGPSNFE CZ POF QFSTPO
GPSNFE CZ POF QFSTPO JODMVEJOHZNGPSUBO FNQMPZFS PS JO

Occupation SFGFST UP UIF LJOE PG XPSL QFSGPSNFE JO B KPC
EFmOFE BT B iTFU PG KPCT XIPTF NBJOUBTLT BSF FTTFOUJBMMZ W
TJNJMBSJUZw " QFSTPO NBZ CF BTTJHOFE UP NPSF UIBO PDDV
IFME B TFDPOE KPC B GVUVSF KPC PS B KPC QSFWJPVTMZ IFME

Skill JT EFmOFE BT UIF BCJMJUZ UP DBSSZ PVU UBTLT PG BO PDDV
QPTFT PG *4$0 UXP EJNFOTJPOT PGTLJMM MFWFM BOE TLJMM TQF
are skill level and skill specialization.

Skill level JT EFmOFE BT B GVODUJPO PG UIF DPNQMFYJUZ PG UIF UBTLT
GPSNFE JO BO PDDVQBUJPO 4LJMM MFWFM JT EFmOFE BT UIF DBQBDJUZ
the nature of the work performed in an occupation in relation to the characteristic tasks
BOE EVUJFT EFmOFE GPS FBDI *4$0 TLJMM MFWFM
UIF MFWFM PG GPSNBM FEVDBUJPO EFTDSJCFE JO UIF *OUFSOBUJPOBM
UJPO PG &EVDBUJPO *4$&% 6/&4$0 FOU SFBSVGJSSTFNEBOGDPS DPN
PG UIF UBTLT BOE EVUJFT JOWPMWFE BOE
UIF BNPVOU PG JOGPSNBM PO UIF KPCS JUFSOBUJPOBMJOHBSEFMBUFE
DVQBUJPO SFRVJSFE GPS DPNQFUFOUQFSGPSNBODF PG UIFT

5IF DPODFQU PG TLJMM MFWFM IBT QSPWJEFE NVDI XPSL JO UIF
UJPO HJWJOH NPSF FNQIBTJT UP UIF WBSJFUZ PG UBTLT QFSGPSNFE UIBO UP UIF GPSNBM EDHESJFRVJSFNFOUT PG EVDBUJPO B

#FBSJOH JO NJOE UIF JOUFSOBUJPOBM DIBSBDUFSJ[BUJPO PG TLJMM
MFWFMT BSF EFmOFE "T B SFTVMU *4$0 IHIUDPGUBUFO UPEDOVNQBSJTPOHTS
POMZ BU POF PG GPVS TLJMM MFWFMT 1'SBGFYTBTNJQMFM *4$0 DBMKVFSFTSPP
PDDVQBUJPOT BU UIF IJHIFTU *4$HSPVQTM QFMMFXVFUMF M4LKMSMH-SFPW
MFWFM DPOUBJO PDDVQBUJPOT BU POMZ POF TLJMM MFWFM

Skill specialization JT DPOTJEFSFE JO UFSNT PG GPVS DPODFQUT
UIF mFME PG LOPXMFEHF SFRVJSFE
UIF UPPMT BOE NBDIJOFSZ VTFE
UIF NBUFSJBMT XPSLFE PO PS XJUI BOE
UIF LJOET PG HPPET BOE TFSWJDFT QSPEVDFE

8JUIJO FBDI NBKPS HSPVQ PDDVQBUJPOT TPVQTBSFKBOHFSFEVQDTUBOV
sub-major groups, primarily on the basis of aspects of skill specialization. In the case of
*4$0 .BKPS (SPVQ .BOBHFST BOET.BOBHFSQSPWJEFT U"ISNFE
DPODFQU PG TLJMM MFWFM JT BSQQMJDBEMQMSFJWNFBMSJMZ BU UIF TFD

2.2 Definitions of the four ISCO skill levels

%FmOJUJPOT PG FBDI PG UIF GPVSJ#4E0CFMTPLXIMSMIFMTFWEFMmTOBJSUFJPQC
EP OPU DIBOHF UIF CPVOEBSJFT C4FSUXFFOIUZFTTFLSJWMFMUNPFDWNFBMSTJVC
UIFTF CPVOEBSJFT BOE UP EFBM XJUIMDBSFRTVJXSFNFOGUPTNBEM GEVDBFUUPP
NPTU TVJUBCMF NFUIPE PG NFBTVSJBCSHPUDIEVTQLEMJMPMFW&BNDIPESFBmQBS
QSPWJEFT FYBNQMFT PG

UIF UZQJDBM PS DIBSBDUFSJTUJD FUMBTLT QFSGPSNFE BU FBDI TL

UIF UZQFT PG TLJMM SFRVJSFE JO CSPBE UFSNT BOE

UIF UZQJDBM PDDVQBUJPOT DMBTTJmFE BU UIBU TLJMM MFWFM

0DDVQBUJPOT BU 4LJMM -FWFOMDF PGZQTJJDNQMFMZBOJEOSVPVWUWGE
QIZTJDBM PS NBOVBM UBTLT 5IFZ NBZUSFRVJSF WPSLJOH XJUI UPPMT
TJNQMF FMFDUSJDBM FRVJQNFOU TVDDWWBTUEVTBLDTVTWDDMBFBDMFSBO5OF
EJHHJOH MJGUJOH BOE DBSSZJOHOHNBPSFBSTJBMNTCOZJOBHOEPPTEPTSOZJOHB
TPNFUJNFT JO UIF DPOUFYU PG NFDOBPOJ[NFEUPSQF[SFBEUJWPFOJDMFQTFSBBOUE
QJDLJOH GSVJU BOE WFHFUBCMFT

.BOZ PDDVQBUJPOT BU 4LJMM -FHWJFMBOENBSZ FSOFRVSJSEFQIZPTSJ
TPNF KPCT CBTJD TLJMMT JO MJUFSBDZ BOE FNFRVJSF SUBIFZFNBZJOMFMSFXRPV
not be a major part of the work.

'PS DPNQFUFOU QFSGPSNBODF JO TMP NFDPNDQWGFBUJPOFGBQS4JLNBMSMZ
FEVDBUJPO PS UIF mSTU TUBHF PG CBZJDF EVRVJSFEP O' T*PS&%
QFSJPE PG PO UIF KPC USBJOJOH NBZ CF SFRVJSFE GPS TPNF KPCT

0DDVQBUJPOT DMBTTJmFE BU 4LJGMSMFJ-HFMVFMBOEJMOEDSMTVEHFBPS
labourers and kitchen assistants.

0DDVQBUJPOT BU 4LJMM -FWFMODUFZQGDUBBMTMLZT JTOVWDPMBWFPQFFSBQUF
NBDIJOFSZ BOE FMFDUSPOJD FRVJQNEOFUBGEEJSVEQBJWSFPJGDMFMTFDNUBS
BOE NFDIBOJDBM FRVJQNFOU BOE NBFOJPQGVMBGEFBNBUPSFEFSJOH BOE

'PS BMNPTU BMM PDDVQBUJPOTSTFBBEUJ4CLGMSMNBFUWPM TVUDFEBTCJTM
instructions, to make written records of work completed, and to accurately perform simple
BSJUINFUJDBM DBMDVMBUJPOT JT FFTJMMOUMBFMWFMBSEZERPVDJSVQSBFU
BEWBODFE MJUFSBDZ BOE OVNFSBDZNTLVOMJDTBBOEOHPLPJEMJMCTUPSQTFSNTF
PDDVQBUJPOT UIFTF TLJMMT BSFPSEZERVJSEPDGPVSQBUNBKPSBQUSJU
TLJMM MFWFM SFRVJSF B IJHI MFWFM PG NBOVBM EFYUFSJUZ

5IF LOPXMFEHF BOE TLJMMT SFRVJSJFOEPGDPSVQBNQFOTOBUQ4ESMMN
-FWFM BSF HFOFSBMMZ PCUBJOFE UIBSHFVPHG DTFNDQMOEUBSFZOFEGDUBUFJF
*4$&% -FWFM 4PNF PDDVQBUJPOTUISFRVDSPOEHFUDBHNQMPGUJTFO
POEBSZ FEVDBUJPO *4$&% -FWFM DBXOIUDDIPNKQZPOEOOMVPEGFTBQFDHEBM
J[FE WPDBUJPOBM FEVDBUJPO BOE PQPUOTF &PRVJSBFJDPNQMFUNJPOPD
WPDBUJPO TQFDJmD FEVDBUJPO VOEFESBUSEZLFEVBDGBUFJSPOD P*4QSM&%UJPO
-FWFM *O TPNF DBTFT FYQFSJFODTFVBCOTEUJPOVUIF KGPCS UUSIBFJCGJPOSH
education.

0DDVQBUJPOT DMBTTJmFE BU 4TLJEMSMJWFSWTFMTFDJSOFDUMBVSEJFTCVBUDDIF
clerks, sewing machinists, dressmakers, shsales assistants, police o cers, hairdressers,
CVJMEJOH FMFDUSJDJBOT BOE NPUPS WFIJDMF NFDIBOJDT

0 D D V Q B U J P O T B U 4 L J M M - F W F M O D F U F Z Q G J D D F B N M Q M V Z F Y O U W F P D M O V J F D U B M F Q S B D U J D B M U B T L T U I B U S E R V J S F B O J E Y B U F G T O J E W Q S C P R D E F Z E V F S B C M B D O F X M F J O B T Q F D J B M J [F E m F M E & Y B N Q M V F E T F P G O T T Q V F S D J J D m H D U P E N T Q L M T J Q G E S G P X I F B M U I T B G F U Z B O E S E M B U F E S E H V M E E J P R O G T R Q V S E Q U E S J E T H E G F E B D J M T F U E N B U F S J B M T B O E M B C P V S S E R V J S E H E T G V P Q S F S W Q J F T D J D m H D Q P S O F U K S P D M U M T J O E T D I F E V M J O H U I F B D U J W J U J F T P G O P J U D I E F M S G K V P S D L U F J S P T O T B J O E T Q Y E Q S Q E S professionals.

0 D D V Q B U J P O T B U U I J T T L J M M M V F F V F P G H F V O J F U S F E S M B D Z B E E R E V O J S F N F B S B J D H Z X F M M E F W F M P Q F E J O U F S Q F S T P O B M N E D Z P N J N D V D O M J V D E E F U U P F O E B T C J M M J M U T Z V O E F S T U B O E D P N Q M F Y X S J U U F O N E B U D P S N J N E V O J D Q B S J F F Q W S F S F C E M D Z V J E di cult circumstances.

5 I F L O P X M F E H F B O E T L J M M T S E R V J S J F O E P G D P D S V D Q P B N U Q P U F O B J U Q 4 F L S J G M P - F W F M B S E V T V B M M Z P C U B J O F E B T F U E N F D S E F T J V M E B M P G O T T U V J E Z V B J U P G G Q F S J P E P G o Z F B S T G P M M P X J O H D P N Q * M 4 S & J V O P-G F V T F D M P O G E B S * Z O F E T P N F D B T F T F Y U F O T J W F S F M F W B O U X P F F S K P F C Y Q U S S B J F O G J D F H B N G B Z Q Y S E M U tute for the formal education.

0 D D V Q B U J P O T D M B T T J m F E B U 4 L J M M F - E F J W D F B M M M J B O G D P M S V B E U P S T Z P Q F N D E D J B O T M F H B M T E D S E U B S J F T D P N H N G E B D U J B D M N B E M J F D T B S M F S Q S E E J T F H O S J E B Q U I J computer support technicians, and broadcasting and recording technicians.

0 D D V Q B U J P O T B U 4 L J M M - F W F M O D U F Z P Q G D U B B M T M Z U J E B W P S M F V R F V J U S H F D Q F Q M F Y Q S P C M F N T P M W J O H E F D J T J P O N B Y J U G F H O T B J O W E F D G S F F B Z U J P W G J U Z F P S F E B O E G B D U V B M L O P X M F E H F J O B T Q E F U D Z Q J M D J E [M E Z m J F O M D E M V S E F F B U O B T M L Z B O E S E T E B S D I U P F Y U F O E U I E C P E Z B P S G m F V N E B O E J L B O H P O X P M J F T E B E J E treatment of disease, imparting knowledge to others, and design of structures or machinery and of processes for construction and production.

0 D D V Q B U J P O T B U U I J T T L J M M M M F W W F M T H F G E F M S J B U M F S Z B D S Z F B Y O J E S E V F N T P N F U J N F T B U B W F S Z I J H I M F W F M B Y O E J F D Y B D U F J M P O F T O L U J M O M U F S S Q I F S F P T O L E V T V B M M Z J O D M V E F U I E B C J M J U Z U P J V E O E F B S O T E U B E P E N D V P O N J Q D M B F U Y F X D S P J N U Q U M F E ideas in media such as books, images, performances, reports and oral presentations.

5 I F L O P X M F E H F B O E T L J M M T S E R V J S J F O E P G D P D S V Q B N U Q P F O U F O B U Q 4 E S M F - F W F M B S E V T V B M M Z P C U B J O F E B T F U E N F D S B F U T J V P M O U B M G J T D U T V E J Z U Y B U J E P O Q F S J P E P G o Z F B S T M F B E J O H U P U H E F S B X R B V S B E M J P G D E B U m J S P T O U E 4 F S H & S % F F P - F W F M B P S I J H I F S * O T P N F D B T U F F T K F P Y O U E U S E B J Q V J F O H Y N Q B F Z S J T F O D T U J U V U F G P S U I E G P S N B M F E V D B U J P O U P P S G N S B X B O M F S E F V R D V B J U S J P E O J O C N B O Z D B T F T B Q Q S P Q S J B U F G P S N B M R W J B S M F J N m D B U G P S T F E S S Z B O P F U T occupation.

0 D D V Q B U J P O T D M B T T J m F E B U 4 L J F M J M O - F W M B K O B - H J F S D T M V D E F V J T N B M neers, secondary school teachers, medical practitioners, musicians, operating theatre nurses and computer systems analysts.

2.3 Application of the four skill levels to the ISCO-08 major groups

5 I F S F M B U J P O T I J Q C F U X F F O U I F I E F G O P V 4 $ T U L J M N M B K M F S W F H S P V J Q T T N B S J [F E J O U B C M F 8 J U I J O . B K P S (S P K V P Q S (S P D V Q V Q B) J P J T P Q O J T U B O M J 4 U V Z C N 3 F U B J M B O E 0 U I F S 4 F S W J D F T . B O B E S H P S D T D V B Q S B F U J B P U O T 4 L J O M . M K - P F S W (S P V Q B S E B U 4 L J M M - F W F M 8 J U I J T O 0 D B D K V P Q S B (U S J P V Q T F B S N P G 'U P I S F D U I S F E T V C N B K P S H S P V Q T J T B U B E J F S E N T L J M M M F W F M

Table 1. Mapping of ISCO-08 major groups to skill levels

ISCO-08 major groups	Skill level
.BOBHFST	
2 Professionals	
5FDIOJDJBOT BOE "TTPDJBUF 1SPGFTTJPOBMT	
$MFSJDBM 4VQQPSU 8PSLFST	2
4FSWJDFT BOE 4BMFT 8PSLFST	
4LJMMFE "HSJDVMUVSBM 'PSFTUSZ BOE 'JTIFSZ 8PSLFST	
$SBGU BOE 3FMBUFE 5SBEFT 8PSLFST	
1MBOU BOE .BDIJOF 0QFSBUPST BOE "TTFNCMFST	
9 Elementary Occupations	1
"SNFE 'PSDFT 0DDVQBUJPOT	

*O UIPTF DBTFT XIFSF GPSNBM IFEVDBUJPO OY TBFOEE BUTSQBSOUJOPHGS
NFBTVSFNFOU PG UIF TLJMM MFWFM PG UIF TLJMMT PG UIF PDDVQBUJPO
*4$&% " NBQQJOH CFUXFFO *4$0 TLJMM MFWFMT BOE *4$&% MFWFMT
WJEFE JO UBCMF

Table 2. Mapping of the four ISCO-08 skill levels to ISCED-97 levels of education‡

ISCO-08 skill level	ISCED-97 groups
	4FDPOE TUBHF PG UFSUJBSZ FEVDBTUJPO DPNQMFUJPO PG TFDPOEBSZ
B 'JSTU TUBHF PG UFSUJBSZ FEVDBUJPO TU EFHSFF NFEJVN EVS
C 'JSTU TUBHF PG UFSUJBSZ FEVDBUJPO TIPSU PS NFEJVN EVSBU
2	1PTU TFDPOEBSZ OPO UFSUJBSZ FEVDBUJPO
6QQFS TFDPOEBSZ MFWFM PG FEVDBUJPO
-PXFS TFDPOEBSZ MFWFM PG FEVDBUJPO
1	1SJNBSZ MFWFM PG FEVDBUJPO

5IF VTF PG *4$&% DBUFHPSJFT UP MJBJTF XJUI MFWFM PG FEVDBUJPO
UIF TLJMMT OFDFTTBSZ UP QFSGPSN KPCT DBOOPU CF DBQUVSFE CZ
GPSNBM FEVDBUJPO 5IF TLJMMT NBZ SFWFBM JOGPSNBM BUUSJCVUFT
FYQFSJFODF *O BEEJUJPO JU TIPVMEO C*4$0N QIBTT JPJOEUUIFBTUL DUMFM TG
SFRVJSFE UP DBSSZ PVU UIF UBTLT OBME EO PEV UPJOF TX PFGU IBFOS IBDXOPVSQLBFUSJP
employed in a particular occupation is more or less skilled than another worker in the same occupation.

'PSNBM FEVDBUJPO BOE USBJOJOHPNSQRVJSFNFOUT
VSFNFOU PG TLJMM MFWFM BOE TTIPVMEQ PCSFUBJOFOUO EBFTUBTJTJOB
TLJMM MFWFM JT UIF OBUVSF PS PUDIE VUQBBTULJPOQ FS GSPFSMNBEUEPJOOUB
DIBSBDUFSJTUJD UBTLT EFmOFE HGPSFBDIB TTLTUMNPXMFWFST MJU* OTIPVM
CF OPUFE UIBU UIF MFWFM PG HFEVDBUJPO TTQLEDMJmTD UIFP-TBF QTBLSMJMJDTV MBBSS
QBUJPOBM HSPVQ BOE BSF SFRVJSFE B OGUPMSZ NCBFOUZX KPCT TP DNDBVZQ EU JF
EVF UP UIF OBUVSF PG UIF KPC 'PS JFWYFBTNDQMFT TJOmTFVES BOD D4FL JSMFQS-P
NBZ SFRVJSF B IJHIFS MFWFM PG JOTUFUSIQBOS TP GBMBDSFNEFWOFDMBQFSOT
4LJMM -FWFM NBJOMZ EVF UP EFSFGSFSONDFET JO OBUVSF PG UIF

4JODF UIF FOUJUZ DMBTTJmED JOUPMUEF UKPCC KPDCUJUIE TQOBTUPSDFMFP
UP DPOTJEFS UIF TLJMMT PS RVBSMEJmSD BUPJDEMB TIFJMGEZ CUZIFUKFPQ FSU
OFDFTTBSZ GPS B QFSTPO UP IPME WRVFMMJJOn DPBSUEJPSTGBPUS BUQFBJSSUKDPVC
DMBTTJmED BU B QBSUJDVMBS *4$0F BTLQMSTMTMEWXFINP JSTVFTNQGMSZFFYEB
B KPC UIBU SFRVJSFT UIF QFSGPSTNTBPVDMFE PCG DMFB TUTBTmEFE PCG 6BO
(SPVQ #SJDLMBZFST BOE 3FMBUFE 8PSLFSTOI XMFEJTFGSPSSNBDMURVBBM
mDBUJPOT BT B CSJDLMBZFS PS BZFB H4EFNEMBCSBMEZ PBS QJFOSETJPOSXFI

"U UIF UJNF PG QVCMJDBUJPO JU JPTG V*4$&%TUPPMBZUCFUDUPNQSMFWUJFEPJOO 8IJMTU
XPVME OPU JNQMZ BOZ DIBOHF JO UIF CMWOEMBFSWJFM TC FUXFF*O0*4$JDM MTQSPWJEF J
BCPVU UIF SFMBUJPOTIJQ CFUXFFOBBZEO*4$0*4$&%JMMFWFMFWTFMG FEVDBUJP

JT FNQMPZFE JO B KPC UIBU SFRVJSFT UIF DPNQFUFODZ UP QFSGPSN UIFT

'JOBMMZ JU TIPVME CF OPUFE UIBU UIF QVQJM JDFEO DE QDUP PG GJEE SM MHM
MFWFM PG TLJMM SFRVJSFE GPS SHPRNVQJSEEOM PG VF SMGKPSCNTBJOD F PG
B QBSUJDVMBS PDDVQBUJPOBM HSPVQ D4VPQNBFUJJOPEJTWJDEWBTMTTJFnFQEM
QBSUJDVMBS TLJMM MFWFM NBZ JUMFSTFG6PS FMQWTFTMFTPG ITJLHJM SM
GPS NPSF TFOJPS KPCT JO B QBSUJDVMBQBSSFRVJSE E GM TPUC
occupation as a whole.

2.4 Occupations for which formal education requirements differ between countries

" QBSUJDVMBSMZ TJHOJmDBOU DIBPCHFFJQU UPHG BTQLQJM JMD EMUFJWG MP
EFTJHO PG *4$0 SFnFDUT UIF QDSWJPMDWJEQ MUH FU QBFUS GPD SDNVBQDB DJ
UIF TBNF UBTLT TIPVME BMXBZT GFFO DJM BUTF JGnFSENBM JUE EVDBBUNJ PO
RVBMJmDBUJPOT SFRVJSFE PS IFME NPBUZFESJ FS GSPN POF DPVOUSZ

" NBKPS QSPCMFN JEFOUJmFE CZ VDTVFQSBTUJE O*4$UOI B USSFMRBVJFSEF EU PU
QFSGPSNBODF PG TJNJMBS UBTLT BEDJE FESVFUQJF T IJPHSIFDSP OPUSFMQPX FCSVUTILB
MFWFM SFRVJSFNFOU BT NFBTVSFE GJPOS NQBBM UFJEDVDMBBUSJ PDOPBVMO ERSVBFMTJ
UJPOT 5IJT JT CFDBVTF HJWFO EJ TFZSTFUOFDNFT JUO IE BTUBJNE BFMD DEVQDBBUU
SFRVJSJOH QFSGPSNBODF PG CSPBEMZ UDIBFOTKNFF VTOFEUFSG BULBFTQ TCEZOJ
EJWJEVBMT XJUI EJ FSFOU MFWFMT DPUGJ GHR SUNIB MMFEVFDMB DGPTDL JXMJMU ISPVF
for competent performance of the tasks.

5IF *4$0 HVJEFMJOFT SFDPNNFOEHFIEF SUIPSU MPPXOFVSQ BLUJMPM TSXRVJSJ
NFOUT JO UIF OBUJPOBM DPOUFYU OFBDDMUBTPTTJmEFTET UHPOUEF JNOB*4PSSO HSP
DPSSFTQPOEJOH UP UIF TLJMM MFWFMJMO UIEFUDXPBVTO SSFZVDJPSOEEFGSPOSEVF
approach tended to reduce international comparability, as occupations with similar content in
UFSNT PG UIF UBTLT QFSGPSNFE XFSNFBKPMSB THTSJmVFQET JEOFEQJF OFSJFOHU P
UIF DPVOUSZ 5IJT XBT QBSUJDVMBSTJMOZU ESRQSNBUTFEXQFSOJNTELSJMMZ MEWU
PG UIF MFWFM PG GPSNBM FEVDBBUJPOO BMED PUSUBEYOJOH SFRVJSFE

5XP PG UIF NPTU PCWJPVT DBTFT 4KSOF SF SJFMTB UXBET-UBPQUSIFFCMSFNBJO
ment of nursesand primary and pre-primary school teachersn some countries, nurses and
UFBDIFST SFRVJSF B VOJWFSTJUZ EUH SUF FU XFJUMJFN F O*4$UOI F S XBUTFZ E
BEPQUFE UIJT TJUVBUJPO XBT SFTPJNPVOFEUCPZ QBBTSTEBM MOJFOMH NUJGFFS PHDSE
JO .BKPS (SPVQT BOE 5IFTF PDDVFVEQ BMUJFSOEBMU HVSPMZQ TUXBFUS F
DPVOUSJFT XFSF UP DMBTTJGZ BMOM .UBKBPDSIF(S PVBQO E PBSM MOO.VBSKTPST F
(SPVQ FYDFQU JO DBTFT XIFSF UOF SUFFXDEBV OSUFSBZM JEDJ UFISFUOBDTFLTT XBJ
EVUJFT QFSGPSNFE (JWFO UIBU *4$0BO EEEDTVDSSTJFQTUXPSDHT JGEPFSO UFBDB
in both major groups, it is understandable that a number of countries made the distinction
CFUXFFO QSPGFTTJPOBM BOE BTTPDBJTBUTF PGSSEGFF TEJVFDOBBUM PXOPBSML FM
PG UIF KPC IPMEFS PS PG UIF UCZ QUJIDBDMPVEOE UBSEZ UJBPOCEBOM PSUF RVJ
basis of the tasks and duties actually performed.

'PS *4$0 UIJT QSPCMFN JT BEESUFTTJFFE CUZB FHLTW-JBDOHEK EVCUDJFFOTU F
PSJUZ PWFS OBUJPOBM FEVDBUJPO EFGSEXUPSSEJTJRCDHDVSQEBVJJSFONTFOUBTU
JOWPMWF UIF QFSGPSNBODF PG CSPBVEMZTUBSFTBNMFXEZFTUTDMPBGTUBSTEE
UIF TBNF DBUFHPSZ JO *4$0 FWFOM JMCFVDBMFSTFXRMFJSSFFNDBOUJPONEFNBTTVL
JO UFSNT PG GPSNBM FEVDBUJPO BTSFXJEMJMFSMFFOBUE UUP JBTO IJPNQQFSEPWIBNUF
in international comparability.

" TFU PG QSJODJQMFT BOE HVJEFDMJEOFFXIBEBTTEEJWMMMQEVE NUPTIFMM
BTTJHOFE UP PDDVQBUJPOT XIFO FEVDBEUJFS BNDOE OUHSBJPOVJDOUHSJSFFTRV

*U NBZ CF BTTVNFE OFWFSUIFMFTTFYUQBSJNFOSDFFEJHOMZWRJEBMBJmTFNJPHSU QFSGPSN U
UBTLT XJUI B IJHIFS MFWFM PG DPNRVBUJmDFE UIBO UIPTF XIP BSF MFTT

5IFTF QSJODJQMFT BSF PVUMJOFE JO UIF *4$0 TUSVDUVSFT mDFFES UBJO PDDVQBUJP

B 5IF DPNQMFYJUZ BOE SBOHF PG UFFPDUBVTQLETUBPOE XEBVTUDPD TJEFSFE JO SFMBUJPO UP UIF EFQmBSJUJDPVMBSGSFSFBEDTFL JUMM DIBSBDUFSJTUJD UBTLT BOE EVUJFT BTTPDJBUFE XJUI FBDI T

C 8IFSF UIF GPSNBM FEVDBUJPO SFRVZJSBFNTNGBUTMXGSWN GEFSFSPGOD PJVC USJFT UIF TLJMM MFWFM XBT EFUSFSNFJOUFEUPBUUBEQCMBJTFE JPG BUMFB majority of countries.

D 8IFSF DPOTJEFSBUJPO PG BCOEJTCUJBCHPWJFTIXBTH JCCFDUPXGEVV4TL -FWFMT BOE PDDVQBUJPOT UIBPNSMRUJSBEEPGJOIFmNSFTDPTVCBU PG TFDPOEBSZ FEVDBUJPO *4$&% FFWEMNQBEJFO PGIQSSJDNPBVSOZ FEVDBUJPO POMZ *4$&% -FWFM XFSSFJDTMBQQSmBED BXBTL JUMBMF-EWF because, in many highly industrialized countries, completion of the rst stage of secondary FEVDBUJPO JT NPSF PS MFTT VOJWFSXTBPMIBWOF TOVPDU DPNQMVMFTUFE OD UIF mSTU TUBHF PG TFDPOEBSZ FEVDBUJPOMZPFOSBZJOPFUWEE BUCMFNPUPU unskilled of jobs.

E 8IFSF DPOTJEFSBUJPO PG B CJWBFOEUIDF TBJCUPWBFU XFBOT UIOEBUPQDSMFW JO JOEVTUSJBMJ[FE DPVOUSJFT XBTTHEFOMSMBFMMFZMVFTGEBOPPEDUVRSBNU but only where there was a consistent approach across a clear majority of these countries. 'PS FYBNQMF JG B EFHSFF XBT SFORGVFS FMEFTGTP SUIBOUSBMGJPGB DPVOUSJFT UIBU BSF NFNCFST PG UIPQSSHEBUJPTOBUJPEO%GFWSFMDEQOP NFOU 0&$% CVU B UXP ZFBS EJQMDPNVBOXSTJFSTF RUVIJFSDFEUJONBNZP IBWF CFFO BQQSPQSJBUF UP BTTJHO UIF IJD[DVRQGBUJPVCOUS J4FLTJMM well as the number of countries was also taken into consideration in making judgements PG UIJT UZQF 5IF SFBTPO GPS BEPQFUJQDSHFWJBJTMBQDQHSFEDIVXBUJPO JOEVTUSJBMJ[FE DPVOUSJFT XBTDPNPFTUJIEFFSPSNMJOFMUZIFUSP DPVOUSJFT .PSFPWFS UIF IJHIFZS UMPFCVFFM SPGRVRJVSBFMJFDOBGUPJSF many occupational migration purposes.

2.5 Classification structure and code scheme

*4$0 JT EFTJHOFE TP UIBU PDDVQBUJPOT VBOSJFU BHSSPBVQHTFBUJOUP NPTU EFUBJMFE MFWFM PG UIF EFMEBTUTJBmDBMMPICJTSJDSDIZ X*PS be assigned to one (and only one) of these unit groups. In general, each unit group is made VQ PG TFWFSBM iPDDVQBUJPOTw UZBJOIBWFSNBT IPJGHITEFMSMFM FPWG skill specialization. Unit groups are in turn arranged into minor groups, minor groups into TVC NBKPS HSPVQT BOE TVC NBKPS HPSOPVQFT DPDOEFNQBUKPSS HTSPMQITMCF BOE PO TVDDFTTJWFMZ CSPBEFS BQMQMTJDFBUJBMPJT[BUGPUOF DPODFQU P

"MM CVU UXP PG UIF *4$0 NBKPS EHSPPVQMTZDPOFUBPJGO UPEDGVRQVBSU *4$0 TLJMM MFWFMT "MM PG UIEFUJFVO TNBKPSSOMSZPFVQF TDLPJOVMB 5IJT NFBOT UIBU EBUB DMBTTJmFQ BMUFTVFQM NPEGK P4S$0NJODPSOPS BHHSFHBUFE CZ TLJMM MFWFM PODMBZBUJGOEFUTJSSFFETV5CJNTBKPSBEHSJPP JO .BKPS (SPVQ "SNFE 'PSDFT 0DDVQBDUFSTO TOEEDSDDPFNNNJTTTJJPOFFE P DFST BOE iPUIFS SBOLTw BOE CZ BSS{BEVQOH.BDDBVQSTUJFFTUJBU.BKP BMM PDDVQBUJPOT OPU BU 4LJMMHSPVQMBUB4LFJMMM BFTWJFOMHMF5TJVT EFQBSUVSF GSPN *4$0 JO XIJDI PDDVFQBTUMBOTPSTO .4BKOPJSP(SSPVDQJBM-T BOE .BOBHFST BOE .BKPS (SPVQ "SNEEB'PTSLDMMM MFSWFMDPU BTTJHO

-PPLJOH BU UIF IJFSBSDIJDBM TUSPVQDEUPVXSGF PFGBD4SPG UGFSPNTQUNFBKPS groups is made up of two or more sub-major groups, which in turn are made up of one or more NJOPS HSPVQT &BDI PG UIF NJOPS NSSVFQTOJTUNBSSPVQTPG&DF major group is denoted by a 1-digit code. Each sub-major group is denoted by a 2-digit code, comprising the major group code plus one digit. In the same way, minor groups are denoted CZ EJHJU DPEFT BOE VOJU HSPVFQTJKCZFS EMJFHWJFUMDDEEEF QMNVQ EJHJU JO FBDI DBTF 5IJT DPOWFOXUJOPHOFSTBJNVQMMFTUSBUFE CZ UIF GP

Major Group	**5**	**Services and Sales Workers**
Sub-major Group	**51**	**Personal Services Workers**
Minor Group	511	Travel Attendants, Conductors and Guides
Unit Groups	5111	Travel Attendants and Travel Stewards
	5112	Transport Conductors
	5113	Travel Guides

0UIFS DPEF DPOWFOUJPOT VTFE JOF*E4$JOO *4$0 QBSUJDVMBS ticular, where a minor group contains only one unit group the last digit in the unit group DPEF JT i w 8IFSF B VOJU HSPVQ JT GPMMPXFE CZ UIF XPSET iOPU FMTFXIFSFw BOE JUT mO

*U JT JNQPSUBOU UP OPUF UIBU DPEF GPS B QBSUJDVMBS BSPVOE JU *4$0 UIFSFGPSF

2.6 Thematic views

*O BEEJUJPO UP UIF PS iWJFXTw PG *4$0 need for a standardized approach towards the aggregation of occupational data according to a compilation of internationally comparable statistics.

5IF VOJU HSPVQT NBZ

5IFNBUJD WJFXT QSPQPTFE UP

"HSJDVMUVSF
Construction
Education
Health
Information and communication technology
5PVSJTN

2.7 Definitions of groups

5IF content of each group, so that countries can determine as consistently as possible where in the ISCO structure a particular occupational group should be classi ed. It is hoped that this will

UP DSFBUF BO PDDVQBUJPOBM iEJDUPJDPTOBS ZXPSLUUPEFCUFBQJMSFGEPTQNFDE
in particular occupations.

5P UIF FYUFOU QPTTJCMF EFmOJUJPOT BSF HJWFO BCMS PVQ TUBOEBSE
alone. In other words, the essence of a group should be able to be understood without making
reference to the de nitions of other categories.

5IF PWFSBMM TUSVDUVSF PG UIF VEFmOJUJPO JT UIFYTDBFNQFUBTUIE
the use of both notes and footnotes as addenda to de nitions has been replaced by an optional
mFME GPS FBDI EFmOJUJPO DBMMFE i/PUFTw TFF QBSB CFMP

"MM EFmOJUJPOT UIFSFGPSF CFHJOT XJUIMBPXMFBEDZTUBBTUFNUFONUFOXU
UBTLT QFSGPSNFE BOE B MJTU PG JFOYDDMVWTTJPOTT BCOEE XOIFSFUIFTO F DTFJTNTJE
BQQSPBDI JT BEPQUFE GPS HSPVQTPOBUBBMMUMPWFHWFUMIFSPFG BUSIF DMMNTFTE
GFSFODFT JO GPSNBU BOE XPSEJOH DPOWFOUJPOT

5IF MFBE TUBUFNFOU TVNNBSJ[FUTFUHFSPTVDQPOBFO EBOVET VCBBMTM
comprises one or two sentences. In general, the most important or key aspect of the work
performed, that distinguishes the group concerned from other groups, is mentioned rst. In
some cases a sentence is added that refers only to some of the occupations classi ed in the
group. It is not necessary for all jobs classi ed in a group to perform all kinds of work identi-
ed in the lead statement.

91. Statements of tasks performed indicate the main tasks typically, or usually, performed in
PDDVQBUJPOT DMBTTJmFE JO UIF HSPVBQM MSZFJTOUDBNUVFNFOFOBUMEMP FUTB TOE
formed in all jobs classi ed in the group, but may include some tasks that are important in
POMZ TPNF PG UIF KPCT DMBTTJmFDEPOUFBSJFO CFOFUHXFFOFOSBnWF MBJOT
JUFNT CVU UIFSF BSF TPNF DBTFTFRXMJFSSIFENPSF PS GFXFS JUFNT

5BTLT UIBU BSF VOJRVF UP B QBSSUPJVDQVMBSSF EDDDWQVBEUFJEPOBTXJTUFIQBS
items only if they are a particularly important component of the occupation concerned, and
cannot be incorporated in a more general statement that also applies to other occupations.
'PS FYBNQMF UIF EFmOJUJPO PG 6OJUE (SDPDVQQBUJ&OBMS)FBMUIFUOUBBOME
Hygiene Professionals includes the following tasks that are speci c to occupational health
BOE TBGFUZ BEWJTFST CFDBVTF UNFFTNFFBOSUFT QFBGSUUJDFVMBSSMZPJGNQU
PDDVQBUJPO

B SFDPSEJOH BOE JOWFTUJHBUJBOHEJSCFKQVPSSJUFJTOHBOBEGFBSZJQQFNSFGO
NBODF

(b) coordinating arrangements for the compensation, rehabilitation and return to work of
injured workers.

8IFO B TVC NBKPS PS NJOPS HSPVQUDFPDUFBYJUOTMPVMZFPFX OHSJPVQU
IJFSBSDIZ UIF TVCTUBOUJWF DPOUFOUUBUPFGNFUOFU MTF BJEE FTOUBJUDFB
both groups.

'PS NBKPS TVC NBKPS BOE NJOPS SGHPSSPNVFQETJTUGFP MSMTPUXFPEG CUZBBLMTJQ
UIF HSPVQT JODMVEFE BU UIF OFYU IMFVBFSMDEE2XOPSOVOIJFUDHMSBPTVTQmDU
MJTU PG UBTLT JT GPMMPXFE CZ BJMOTTUDRMGBTFTYBnNFQEMIFTSFPVG 5IF TFDM
BJN UP HJWF BO JOEJDBUJPO PG UMIVFEFDEDJVOQBUFJHOSTPVBQDE5KPZC EUPJUOM
EFmOF B mGUI IJFSBSDIJDBM MFWBFUMJPOTUMFTDMMEBTBTJFmOBU JFPYOBV5T
and in some cases are simply commonly occurring occupational titles, which may in reality
SFGFS UP UIF TBNF PS WFSZ TJNJMBSSFPJDDDGVPQSBNUBUPJDPTO EPCSFFVDPUNIQFSEF
UBJMFE DPOUFOU PG FBDI VOit Index of Occupational Titles, Canada, and in the
PSEFS 5IF QVSQPTF PG UIF MJTU NBUJWFMSVBEFSPDDBVOQBUSFFTOTJJQTU
and it should be borne in mind that the usage of occupational titles in some countries may
EJ FS GSPN UIF VTBHF JNQMJFE JO *4$0

"O PQUJPOBM MJTU PG iSFMBUFwE JPTDJDOVDQMBVUEJFFEO XIEDSMFBTUITFJSmFFJET
potential for confusion between occupations with similar titles or work content.

4PNF EFmOJUJPOT PG HSPVQT DPOUBJOFE XJUIJO UIF EFTDSJQUJWF NBUFSJBM XIFSF UIFTF BSF OFDFTTBSZ UP clarify the boundaries between related groups where this may not be entirely clear based on the notes added to all of the groups mentioned in a particular note, so that the de nition of each group may stand alone.

3. MAJOR CHANGES BETWEEN ISCO-88 AND ISCO-08

3.1 Summary of changes and the reasons for them

"MUIPVHI UIF DPODFQUVBM NPEFM VPTGE*4USP HVJEETF OUPFU EIFWEMPQ
GVOEBNFOUBMMZ DIBOHFE GSPN UIBU JVmTDFEOJUO E*4$F S FOUDIFS FJKDSU
USFBUNFOU PG TPNF PDDVQBUJPOBM UHISPVQFTE SUFF TBE EIS FFTSTFDDPGD FSSFO
BCPVU TQFDJmD EJ DVMUJFTT FYQFSJXFFOMDMFEB TJOUIFFOVFFE EPS S4FSnF DU B
DVQBUJPOBM DIBOHF JO UIF ZFBS QFSJPE TJODF JUT EFWFMP

5IF PWFSBMM TZTUFN PG NBKPS HSPVQTVQTVBCOEBVKOPJSUHHSPPVQQTT
VTFE JO *4$0 IBT CFFO SFUBJOFE JOV?Q4T$BU U5FFF UUFQ MBFKVPFSMHFSE
*4$0 TUSVDUVSF DBO TUJMM CF GPVPONE JFOG*4USF NBKIFSOEBNSPTV QT
IBWF CFFO DIBOHFE TMJHIUMZ TP BDDRUOPUNFRDSJF BVDIE BTSPMNZF JRODEDJVDBBUF JUP
HSPVQT IBWF CFFO NPWFE GSPN POF NTBVKMPUS HDSPROWQFSUPJBO PRUGFSBU
EJSFDUMZ GSPN *4$0 NBKPS HSPVQTPUPQP4T$TOJCMNFBKPS HSPVQT JT

" OVNCFS PG DPNQMFUFMZ OFX TVCENVBKPUS **HSPVQT** IBWFPCSFFE
JOUSPEVDFE UP *4$0 BOE TFWFSBM MB*WF0CFFHOSRNVFSTHFEEU XUJUF
PUIFS HSPVQT PS TQMJU JOUP TFWFSBM HSPVQT

5IFTF DIBOHFT JNQMZ B CSFBL JBCTFTEFSPJDF T4$BFUXBEOCE T4USBUJTUJDT
BU BMM MFWFMT JO UIF DMBTTJBmDPEBUFJPUE PJCFFS EDSPDSISZF TEQMPUDIEP
CFUXFFO TPNF TQFDJmD HSPVQT CFNBRCXMEUTFTNFBXKJPOSHHESNPMQDPMSFSWFFTMQ P'
FODFT BU VOJU HSPVQ MFWFM CFUXFFOCE*4JSO0 1BBTUE*7*4$0F UBSSMFQTSP
BSF QSFTFOUFE JO CPUI *4$0 BOE *4$0 PSEFS

.BOZ PG UIF DIBOHFTT BEESFTT FDVPTOMZ FFSVOUTPUGIEEBU*F4$JO TPXEB
BSFBT NPTU OPUBCMZ BT B SFTVOMUWFFDGOUPMFPJHXQPBDQSPGFETFWFFOME
technical and clerical work associated with the use of computers and telecommunications.
4PNF DBUFHPSJFT JO *4$0 IBWF UIFSNFGVPSE UCPFSFNFDSHFED DTVQOMBJUJPSO
BOE UFDIOPMPHJDBM DIBOHF JO UBFWFMBCCFFVOS DNSBFSBLUFUE /UFPX BDMBN
GPS UIF JEFOUJmDBUJPO PG OFX PS FNBFTSTHJTOJHUPJDNDEVTQFBSUJFPTOBOMBHMSZP
*4$0 VOJU HSPVQT IBWF OPU CFFUOFSQ*WMSJOU BVOEJKPHJSOFVEQTUP
FYDFQU XIFSF UIJT XBT VOBWPJEBCMF

102. In addition, there are some changes in the way the ISCO conceptual model is applied
UP UIF EFTJHO PG UIF DMBTTJmDBUJPHE X.PSTU QOFSUGBRCSMNZF EUIBTOGEFVS
HJWFO NPSF FNQIBTJT UIBO GPSNBM FEVDBUJPOBM QE FBUOFS NSHEJOJHOHIS
TLJMM MFWFM PG BO PDDVQBUJPO

0UIFS DIBOHFT JO UIF DMBTTJmDBEBUFJSPOTTWISBVD*U4\$9F SXFBTQFOYED FUTP
TJWFMZ EFUBJMFE JO TPNF BSFBT BSDE JBDOBE FUPMBBUFUMZF SEFFUXBBJTMFBE XI
WBSJBUJPO JO UIF TJ[F PG TPNF TVCWNBSKPQSPTDJEC MF OPSPSHSHPVIQWF8CFFS
NBEF UP FOTVSF UIBU UIF MFWFM PGBQEQFSHBQMJQBSJFWBJGEE EVJGG*4\$VO DPOTTJE
its main purposes. It is intended that these changes will make it easier to produce estimates from
TBNQMF TVSWFZT GPS *4$0 TVC NBKPSIBOEBNFOXPJSUHS4P\$VOQT U(JBWFXOBT
UIF OBUVSF PG UIF PDDVQBUJPOBM EJTBUSUJCFVUJOPUOFPSGBUJFMBCMFVMSFNW
UIF WBSJFUZ PG VTFT PG *4$0 UIFTSFPDQTDBFOSEOTBCBRCVPUVEJUFSJTQHF MPGW
PG EFUBJM JO EJ FSFOU QBSUT PG UCMFUDOMPBUTPJWFDSBSUJEPHXEPSFOJNEQPSBU

*O TPNF DBTFT UIFSF XFSF DPUOPFNSBOFEJTBUJOUUXBTOEUOEEUCFI
DFSUBJO DBUFHPSJFT JO *4$0 PGMBMZPGTQFUDFJGMCZBDJPTOJOEFFSJO
LJOE PG EBUB UIBU JU JT QPTTJCWSFWUFZDPMMFDDIJDBBEFDFOGRVS PSBJNOQT
USFBUNFOU PG NBOBHFSJBM PDDVQBUBFWOFTCJFOGHNSBJEFV MCV*\$40BEKV
UP JNQSPWF CPUI DPOTJTUFODZ PGBSSBFQJMSJUUZOH BOE JOUFSOBU

4PNF PG UIF NPSF TJHOJmDBOU DIBOHFTBSF TVNNBSJ[FE C
5IF TFDUJPOT PG UIF DMBTTJmDBUJPBUEPBMTJOBHWXFJUCIFNBOSHPS
HBOJ[FE TP BT UP PWFSDPNF QSPCMFNT FYQFSJFODFE CZ VTFST
4PNF BEEJUJPOBM VOJU HSPVQT BOE PSOFBQUFXENGJPSSTHNMFVDQUFEV
TVQFSWJTPSZ PDDVQBUJPOT CVUNPMOZMZJOQBSSGBSTNXTFJSHF T
OJmDBOUMZ EJ FSFOU UBTLT GSPN UIF XPSLFST UIFZ TVQFSWJT

0DDVQBUJPOT BTTPDJBUFE XJUI JOGPSNBMJUZ PGUFO DPNCJOF XJUI PUIFS
VQEBUFE BOE FYQBOEFE BMMPXJOH JGPSPSB MJBCJMJUJFT BOE UJmDJBMT
professional occupations in this eld as sub-major groups.

*4$0 JODMVEFE QBSBMMFM HSPVQTPBWQQTFUBSPSJDOBHUFSS GEFSFEBCOFTN
XIFSF UIF FEVDBUJPO BOE USBJOJOHPDSEFRVJSFNFOUT HSPPSVQ GEBTU
GFSFE CFUXFFO DPVOUSJFT CFDBVTFFT FBGOE JE F SHSOFE FPTGJTDVSQFTSQWPJO
TJPO 1BSBMMFM HSPVQT EP OPU BQQSFGBSSJNCF4BSF FXTITFFOUUFBMMT
the same.

0DDVQBUJPOT DPODFSOFE XJUI UIF QFSFCWFJFTOJFOY QPBGO EFFBEMUI TF
JO PSEFS UP QSPWJEF TV DJFOU EBFTUBUJFM CUBFTJEMGMPSXUF4$0
JOUFSOBUJPOBM SFQPSUJOH PG EBUBBDPVQUBUJFJFOBTMUBWXPSLFGPSDI
HSPVQFE UPHFUIFS XIFSF QPTTJCMF QUTP BQOSEPWBJETFF QUXSBTWE N
NJOPS HSPVQ EFWPUFE UP PDDVQBUJPOT JO IFBMUI TFSWJDFT

5IF TFDUJPO PG UIF DMBTTJmDBUJPOFEOFBMFSHHBXOJJU[IFP DP SMFFSDU
UIF JODSFBTJOH JNQBDU PG JOGPSNHBZUBPO UBPQEQ SDPWNJNEV OJD
more meaningful detail for occupations in which large numbers of women are employed.

5IF BHHSFHBUF HSPVQT GPS TBMFT SBHOBEOTJ[FSEW JJDOFDXMPVSELJFOSHT UBFT
QSPWJTJPO PG OFX TVC NBKPS HSPVQTQFGSPTSPQBSMTDPSBM XTFSLWFJSDTF
BOE QSPUFDUJWF TFSWJDFT XPSLFST

.PSF EFUBJMFE DBUFHPSJFT BOE HSNFBUPFDSDVQBSJJOZBEMSFHSQFSVPQWTJ
JOWPMWFE JO BHSJDVMUVSF

.PSF EFUBJMFE DBUFHPSJFT BSF QSPJWJEJEUFE GQFSSP-WJDJDVQUJOBOJTO
GPSNBUJPO BOE TFSWJDFT UP DMPVSTUNT JODMVEJOH UIPTF S

5IF HSPVQT GPS QMBOU BOE NBDIJOFPQBFSBTSPSBSHHBWJF[FCEFFJO SF
SFTQPOTF UP DPODFSOT UIBU UIJTEQFBUSBUJMPGE*4$DE PVKUBTPGYEDBFUTF
in some areas.

5IF DPWFSBHF BOE WJTJCJMJUZ PGJOPDJDVQBUJPOBMTFNUQMBUZENSFFOUJ
IBWF CFFO JNQSPWFE MFBEJOH UP ENDCFSST TPPGDJTBVCFNBJKOPSS F B T F
HSPVQT JO *4$0 .BKPS (SPVQ &MFNFFOEUBSZ*4$DDVQBUJPOT D

5IF SFTVMU PG UIFTF DIBOHFTBUJTEBDNFMEFFWTFUMJPOGSUFBTEMJBOT
UJPO FYDFQU BU UIF UPQ MFWFM F5WFTOMZDIBBDOHFTTT BUSIF OMMUBTETJJTmU
TUSVDUVSF IPXFWFS 5BCMF TIPXJOU.BBKUPSU(SPVQNCE SPPG TVOJ
TJPOBMT BOE .BKPS (SPVQ 4FSWSDFBTFEOEJ4BOMmDBPSLMFZSTXIFBSTF
UIF OVNCFS PG VOJU HSPVQT JO .BKPSQ(FSSPBVQOPST1MBBOEU"BTOEN.CMFJSOTF
has signi cantly decreased.

Table 3. Numbers of groups at each level of ISCO-08

Major group	Sub-major groups	Minor groups	Unit groups
.BOBHFST			
2 Professionals			
5FDIOJDJBOT BOE "TTPDJBUF 1SPGFTTJPOBMT			
$MFSJDBM 4VQQPSU 8PSLFST			
4FSWJDFT BOE 4BMFT 8PSLFST			
4LJMMFE "HSJDVMUVSBM 'PSFTUSZ BOE 'JTIFSZ 8PSLFST			
$SBGU BOE 3FMBUFE 5SBEFT 8PSLFST			
1MBOU BOE .BDIJOF 0QFSBUPST BOE "TTFNCMFST			
9 Elementary Occupations		11 (10)	
"SNFE 'PSDFT 0DDVQBUJPOT			
Total ISCO-08 (ISCO-88)	43 (28)	130 (116)	436 (390)

/PUF /VNCFST GPS *4$0 BSF TIPXO JO CSBDLFUT XIFSF EJGGFSFOU

For information on the de nition of informal employment see Guidelines concerning the statistical de nition of informal employmentBEPQUFE CZ UIF 4FWFOUFFOUI *$-4 JO JO *-0

3.2 Managerial and supervisory occupations

! " # "

.BOBHFSJBM PDDVQBUJPOT DMBTTJmFE BU JDF EBUPSPWASFPSVDQPNPXFRQSSFPSFF
MFNT XJUI UIF EJTUJODUJPO CFUXFFOFSDBRMSWQNPSBEHFHWSNTBEYBQHFSJTFBDODEF
CZ VTFST PG *4$0 5IFTF DIBOHFTIFBEVETSFTJTO Q*4$0C MFNPTG DDBEVUFE
FHPSJFT CBTFE PO DMBTTJmDBUJPNOTBFTGBJOEWXTCUFSSJBPMG BPDUUJFVSJUJFDTI
and practical concerns.

*O *4$0 NBOBHFSJBM PDDVQBUJPUOJPOBESMF SBSHUBFOSJUFIBOBMDPEMTG
USJBM MJOFT 5IJT NFBOT UIBU NBOBFWFDSTBXTJUVNTBQOFDSJBTMFJTVSDGFVTOD
NBOVGBDUVSJOH QSPEVDUJPO BSF JOEFFVOTUUSmZBCMFFZ XSSEJQOFDPSJPWGF
whether they manage a department in a large enterprise or manage a small enterprise whose
CVTJOFTT JT UP QSPWJEF UIBU GVODUJPO

*4$0 .JOPS (SPVQ %JSFDUPST QEEBSTTJJFG *&YDVBJTW.FJTOBSQ
(SPVQ .BOBHJOH %JSFDUPST BOE $QJFFEG X&JYUFID V4USWFT 4*UCXBT H
NBKPS (SPVQ -FHJTMBUPST BOE 4FQVPSNBKDPJSBM(SPUVQ GPSSNJ*F4G$0
&YFDVUJWFT 4FOJPS 0 DJBMT BOE SFHMJFMBFUSPTSTJQ"BMOMEKNPCOBUHBNUFSO
PG MBSHF BOE DPNQMFY PSHBOJ[BUJPOTPGUNBBJOUBZHFJSTBNBSMZ UBWTF DBMIE
si ed in a single sub-major group, with more detailed breakdowns at minor and unit group
MFWFMT

5IF SFNBJOEFS PG *4$0 4VC NBKPSB(HSPSVQ BOSEPS4QVPCSNUBKP.BSO
(SPVQ (FOFSBM .BOBHFST BSF SFQMHBSDPFVEQCZSUTVPMFUUDGPX JTVCUNPE
GPMMPXJOH TVC NBKPS HSPVQ TUSVDUBVCSBFHGPSS *4$0 .BKPS (SPVQ

11 Chief Executives, Senior Officials and Legislators

12 Administrative and Commercial Managers

13 Production and Specialized Services Managers

14 Hospitality, Retail and Other Services Managers

+PCT JO CPUI 4VC NBKPS (SPVQT IJHBIONEF WFHMTOFPSGBMTMJZMSMFRVJSEQP
mFMET UZQJDBMMZ BDRVJSFE BUJZUHEVSBUJVPMOU BPOGE EFWFFYSBMOZEH
PG FYQFSJFODF JO B SFMBUFE PDDVQBUBOGFOTDJMPBTMJTmF5EFJTOF .PBDP
QBUJPOT BSF BTTPDJBUFE BMPOH XJUIUWIPUF JJDH4FVSCUN*E4KPSSTL(SMWMQ
MFWFM -FWFM 0DDVQBUPT JOE4VKCJUNB*K4FSS (4LEJWMQM -FBVSFMBT

4VC NBKPS (SPVQ "EJOJTUSBUJWE MBVOEFSTPUNFNSNBDOJEBHMFSBO
PG PSHBOJ[BUJPOBM VOJUT UIBUPSJUZCGJVDBMJMPZOQSBPVSEUEF PTSHSBVOJ
UJPOT 5IFZ NBZ CF NBOBHFST PG EFQBSWUFNSFOUTOXJEUHQGSDUPNFQDBUOTJ
PS UIF NBOBHFST PG TNBMM DPNQUBPOJPFUTFSIBPSHQBSCPJV/EEEJPUTT5
SFDSVJUNFOU NBOBHFS PG B MBSHF DPSNQBMSMBDPNQEBOZE UJHEUNQBSBWJFSF
SFDSVJUNFOU TFSWJDFT UP PUIFS FJSDHB4OSQBUJPOTJUB$SPVQUI DMBTT
)VNBO 3FTPVSDF .BOBHFST BT UIFZ IBWFOQ*S4SNBSZUTFLJGMPNSTNFJSD DPNN
XPVME IBWF CFFO DMBTTJmFE JO 4VC NHBFKSPTS (BSOPEVQUIF MBSSQPSBJUF
4VC NBKPS (SPVQ (FOFSBM .BOBHFSTBUBSDFBRHVFSSJBMJRHDIDMQEWUFJMPTO
TLJMM JO BENJOJTUSBUJWF mOBODTJKDMXPSDMDBPTNTNJmSFDEJBOM BNBTJOFHSVTF
NBKPS HSPVQ BOE BSF JEFOUJmBCMF BUFVQDSSUHSDWMQSMEQWUFJMPTO
BOE UFDIOJDBM TLJMMT SFRVJSFE

4VC NBKPS (SPVQ 1SPEVDUJPO BOOBEH4SQTFDJTBWMEPSFNB4OFSHWFJSDTF T
SFTQPOTJCMF GPS NBOBHFNFOU PSWUJIDFQTSQSEPWUJEPE PZG UIIF
HBOJ[BUJPO UIBU UIFZ XPSL JO .BSHBHOFJS[BUPJOPETFPSBSNUBNDBHEST
PG TNBMM PSHBOJ[BUJPOT GPDVTFGE TPQOFDJJBMQJSPEE VTDSWFJDFTG FHYD
BENJOJTUSBUJWF BOE DPNNFSDJBTMJOTHFMBFWJTDVC TNBKBPSSF HUSIPVTQ JBOOD
organized into minor groups or unit groups according to the type of specialized production
PS TFSWJDF QSPWJTJPO

*4$0 6OJU (SPVQ 1SPEVDUJPOFBOOUE .BQBSHEFSJTPJDOT '%HFSQBSUN
culture, Hunting, Forestry and Fishing has been replaced with a new minor group containing

UXP VOJU HSPVQT BT TIPXO CFMPX PS TIFJ TX IHPSNBVQ BJHTF SQFSTRUESVIDUJFEOU
JO MBSHF TDBMF FOUFSQSJTFT TUVDQJBDTBMSMBZO DBWF BCJEFSQBMSBDOZU
managers.

131 Production Managers in Agriculture, Forestry and Fisheries
1311 Agricultural and Forestry Production Managers
1312 Aquaculture and Fisheries Production Managers

*4$0 6OJU (SPVQ (FOFSBM .B)OVBHUFSTH J'OPS'FHTSUJSDZVMBOVE SF
'JTIJOH IBT CFFO SFNPWFE GSPN .BKPSD(MSVPEQE X5JUF IPDDVQJBTUJDBOUT
FHPSZ XFSF NPWFE UP *4$0 4VC NBKPS4(SMMVQFE "HSSJLFVM MPSJFSOBU
8PSLFST PS UP 4VC NBKPS (SPVQ T.BSZFUJTISFJSZOBGE)VLOMJMFE '
8PSLFST 5IFZ XFSF NFSHFE XJUI UIF HSFJMDFWBUVSHBSMPVQTD UPGOTHL JGMS
PS mTIFSZ XPSLFST 5IF SFBTPO GPS DUJTODIBOH4$JT UIGEUXIFFOJT
UIJT HSPVQ BOE GBSNFST UIBU EP OPGUVOEBVUFJBO TJTH OJnDGBOBUJNGM
B OVNCFS PG DPVOUSJFT 5IJT MFECURITFJHOUFmSDBBUJEOBMOSTFJQES
of data.

+PCT JO 4VC NBKPS (SPVQ)P4QSWBMFTZ.BOBUHFJSMT BHEO FOSUBMS
BMUIPVHI OPU FYDMVTJWFMZ JOWPMWFSNBOB[BFUNJPOUT PGBSSFEMBUJPV
IBWF B IJFSBSDIZ PG NBOBHFST 5IFZ BEP EPVDBRUSJNBMZRSVBMWJJnSBGUR
BU QSPGFTTJPOBM MFWFM *U TIPVMTE PG MOBSHE SIPXBJWFSBOUEIBRUTQB
establishments, such as large supermarkets, department stores or hotels, are also classi ed in
UIF SFMFWBOU VOJU HSPVQT JO 4VC WBKPSU(BSCPWJQT INF'OMUTPNBHZIBMNFF
B IJFSBSDIZ PG NBOBHFST JU JDTMOBF TJUGEZSNBQSBHDUSJTD BGM WOPSSZ VM
supermarkets or hotels separately from the managers of medium-sized and small ones. Chief
FYFDVUJWF P DFST BOE TQFDJBMJ[E MNBQBEFST PSGFUBUJMMDNBJDBTHBNOF
IPUFM DIBJOT BSF OFWFSUIFMFTTPVDQMJBOT4JVGFNEBKDSU(ISFPSQM FWBOU
PS JG UIFZ BSF SFTQPOTJCMMTGPSS EBMJFWJRUVUMFPUGT HSPVQT P

117. It is also important to note that owner-operators and employee-operators of businesses
BSF POMZ DMBTTJmE JO .BKPS (SPVQHOJGnDNBDOUBHDPNNFQOPUOEUBTLPTGBSF
XPSL %FmOJUJPOBM OPUFT BSF QSPBVUJESE EB NTBPEQTU HDVMFFTBS IUPVBU
DBGÌT SFTUBVSBOUT CBST BOE TBJDNBJHMFBS OFUT EBE MTJVTQNSFWOJUTJPG
PG TUB JT OPU B TJHOJmDBOU DE NFQMPTGFK OFUSFP GV TUMBE MXMPZSLO BBSKFP
(SPVQ 4FSWJDFT BOE 4BMFT 8PSLFJSTT O"PMUIDPVHDUQUT VEBJNTMJZOEU JPP
GSPN UIF BQQSPBDI BEPQUFE VOEFS *U4SBOE WJDUFFBBCCPTVFUOUIFF PUGSFBYQNFJG
PG UIJT HSPVQ NBZ IBWF MFE JO TPBNQFUOEBUHEOTBPMG B*QSQOMJDBUPJPOFT
JODMVTJPO PG SFMBUJWFMZ MBSHFJOVFNTCFJSOT *P4S0PQF4VBOMSBKPPSG T
(SPVQ (FOFSBM .BOBHFST

" OFX 6OJU (SPVQ 4IPQLFFQFSUJDVTMQBSPMZJEFNEQSPSBUOUE EBBVQ
workers who own and operate retail shops either independently or with support from a small
number of others. Operators of guest houses, restaurants, cafØs and similar establishments
BSF DMBTTJmFE BDDPSEJOH UP UIF NFBBOT EBNEBTUQJDSOPPVSTNFLE FQGPSTF
cooks or waiters.

$

*O *4$0 TVQFSWJTPST XFSF HFGFSBMMZHDSMBVQTJBmFE IJFO XUPSLTF
UIFZ TVQFSWJTFE .BOZ DPVOUSJFT IUPXFEVFSJOHDVJTIOTJDEFSVQFUSJWJQTPS
GSPN PUIFS XPSLFST JODMVEJOH NBFOBEVFSTWJJCTPTQTEBPmODPUFNDBJPGSMT
QFSGPSN UIF TBNF UBTLT BT UIF XPSLEBSTDDVSQSWJOTHUE HSPVSQFTFGDRUS
QFSWJTPSZ PDDVQBUJPOT BSF JODMVEFJEPJSZ*PSDD VQGBRUSJPTGBMNFDHUSFEV

%VF UP UIF BEEJUJPOBM TLJMMFS WJFTWPFSMZ KSFQRTV JBS FONFXO.UJ PGS
(SPVQ .JOJOH .BOVGBDUVSJOH BKDE DSSFEBUWFSEJUOJPVC4NQKFSSM
(SPVQ 4DJFODF BOE &OHJOFFSJOHT"JTNTJPMDBJSBUSFBSTPGTBJPVOSM
HSPVQ GPS P DF TVQFSWJTPST JT JODMVJVEUFSBJUOJWFOPBSO(SPQVQG DJB MEJ
Secretaries.

5IF TVQFSWJTPSZ VOJU HSPVQT JO *4$0 BSF
3121 Mining Supervisors
3122 Manufacturing Supervisors
3123 Construction Supervisors

and Other Establishments
5222 Shop Supervisors

"MM PUIFS TVQFSWJTPSZ PDDVQBUJPOBM UJUMFT BSF BTTJHOFE UP UIF NBKPS (SPVQ XIFO UIFJS UBTLT BSF NPTU TJNJMBS UP UIPTF PG PDDVQBUJPOT JO XIJDI UIFZ BSF NPTU MJLFMZ UP CF FNQMPZFE 5IJT JT EFUFSNJOFE CZ BOBMZTJOH UIF EBUB GSPN UIF 4VSWFZ PG &NQMPZFS 5SBJOJOH BOE 8PSLQMBDF %FNBOET XIFSF UIFSF BSF OP PDDVQBUJPOT JO XIJDI UIF EBUB BSF TVGGJDJFOUMZ clear as possible.

3.3 Professional and technical occupations

% & && "$ '%()*

5F DIOPMPHJDBM DIBOHF PWFS UXFOUZ FBSMZ RVFTUJPOT BCPVU UIF EFGJOJUJPO PG TLJMM MFWFM BOE TLJMM UZQF XBT RBSUJDVMBSMZ DPOUFOUJPVT BOE IBT DPOUJOVFE UP CF SFWJTFE BOE SFGJOFE VQ UP UIF QSFTFOU EBZ 5IJT JT QBSUMZ CFDBVTF UIF DPODFQU PG TLJMM JT JOIFSFOUMZ EJGGJDVMU UP EFmOF BOE NFBTVSF BOE QBSUMZ CFDBVTF UIF EFTJSF UP NBLF UIF *4$0 TUSVDUVSF NPSF SFMFWBOU UP UPEBZT XPSME PG XPSL BOE UIF TFDPOE MFWFM PG UIF DMBTTJmDBUJPO BT TIPXO CFMPX

25 Information and Communications Technology Professionals

251 Software and Applications Developers and Analysts
2511 Systems Analysts
2512 Software Developers
2513 Web and Multimedia Developers
2514 Applications Programmers
! " # " $ % & !'

252 Database and Network Professionals
2521 Database Designers and Administrators
2522 Systems Administrators
2523 Computer Network Professionals
(% !) % & !'

35 Information and Communications Technicians

351 Information and Communications Technology Operations and User Support Technicians
3511 Information and Communications Technology Operations Technicians
3512 Information and Communications Technology User Support Technicians
3513 Computer Network and Systems Technicians
3514 Web Technicians

352 Telecommunications and Broadcasting Technicians
3521 Broadcasting and Audiovisual Technicians
3522 Telecommunications Engineering Technicians

5IF QSPQPTFE UIFNBUJD WJFX GPS *4$0 4VC NBKPS (SPVQT BOE MJTUFE BCPWF XBT NPEJmFE UP DPOTJEFS BMTP XIFUIFS BOZ TVCNBKPS (SPVQT TIPVME CF TQMJU JOUP NPSF EFUBJMFE TVC NBKPS (SPVQT UP SFmFDU UIF QSPGJMF PG *$5 HPPET BOE TFSWJDFT TV

1330 Information and Communications Technology Services Managers
2152 Electronics Engineers
2153 Telecommunications Engineers

2166 Graphic and Multimedia Designers
2356 Information Technology Trainers
2434 Information and Communications Technology Sales Professionals
7422 Information and Communications Technology Installers and Servicers

5IF HSPXJOH DPOWFSHFODF CFUXFFOBUJPOBM BOE JOUFSOBUJPOBM DMBTTJmDBUJPOT PG PDDVQBUJPOT IBT MFE UP UIF EFWFMPQNFOU PG BO JOUFSOBUJPOBMMZ DPNQBSBCMF TUBOEBSE DMBTTJmDBUJPO PG PDDVQBUJPOT *4$0 JO UIF TBNF NJOPS HSPVQT BT UIF OBUJPOBM DMBTTJmDBUJPOT PG PDDVQBUJPOT 5IF *4$0 DPOWFSHFODF CFUXFFO UIF TLJMMT SFRVJSFE JO UIF MBCPVS NBSLFU BOE UIF TLJMMT BDRVJSFE UISPVHI FEVDBUJPO BOE USBJOJOH JT DPNQMFY *OTUBMMFST BOE 4FSWJDF

*4$0 JOEJDBUFT NBOZ PDDVQBUJPOT XJUI TJNJMBS UBTLT BOE TLJMMT UP CF HSPVQFE UPHFUIFS XIFSF UIFTF DPNQFUFODJFT PGGFS B VTFGVM CBTJT GPS JOUFSOBUJPOBM DPNQBSJTPOT BSF OPU JOEJDBUFE JO UIF UBYPOPNZ UIFN JO UIF QSPQPTFE UIFNFTBVSJOH WJPMFODF BHBJOTU XPNFO JOEJDBUF UIFN JO UIF PDDVQBUJPOT BSF PGUFO TQSFBE PWFS NBOZ *4$0 HSPVQT BOE TFSWJDFT &YBNQMFT PG *4$0 VOEFSTUBUFE BT PDDVQBUJPOT JOWPMWJOH TJNJMBS UBTLT BOE TLJMMT BSF HJWFO JO UIF GPMMPX

3211 Medical Imaging and Therapeutic Equipment Technicians
4222 Contact Centre Information Clerks
5244 Contact Centre Salespersons

+

5IF DPWFSBHF PG IFBMUI TFSWJDFT BT EFTDSJCFE JO UIF DMBTTJmDBUJPO IBT CFFO DIBMMFOHFE BT UP BMMPX *4$0 UP CF VTFE BT UIF TUBOEBSE GPS DPNQBSJOH IFBMUI workforce to the World Health Organization (WHO). 5IF DIBOHFT BMTP TF-FL UP BEESFTT lems of comparability between countries caused by di culties in distinguishing between certain occupational groups, particularly in nursing.

5P JNQSPWF UIF WJTJCJMJUZ PG PTSUDBFU JOUFSOBUJPOBM DPNQBSJTPOT IFBMUI PDDVQBUJPOT IBWF CFFO DSFBUFE UIFTF FTJNBUFT QSPWJEF BO PWFSWJFX PG UIF NBKPS (SPVQT)FBMUI 1SPGFTTJPOBMT BOE BTTPDJBUF 1SPGFTTJPOBMT 'PS FYBNQMF UIF CFMPX

22 Health Professionals

221 Medical Doctors
2211 Generalist Medical Practitioners
2212 Specialist Medical Practitioners

222 Nursing and Midwifery Professionals
2221 Nursing Professionals
2222 Midwifery Professionals

223 Traditional and Complementary Medicine Professionals
2230 Traditional and Complementary Medicine Professionals

224 Paramedical Practitioners
2240 Paramedical Practitioners

225 Veterinarians
2250 Veterinarians

226 Other Health Professionals
2261 Dentists
2262 Pharmacists
2263 Environmental and Occupational Health and Hygiene Professionals

'PS B EJTDVTTJPO PO UIF VTF PG DMBTTJmDBUJPOT JO UIF DPOUFYU PG EBUB DPMMFDUJPO TFF %BWJE Kunjumen, 2009.

2264 Physiotherapists
2265 Dieticians and Nutritionists
2266 Audiologists and Speech Therapists
2267 Optometrists and Ophthalmic Opticians
* ') % & !'

32 Health Associate Professionals

321 Medical and Pharmaceutical Technicians
3211 Medical Imaging and Therapeutic Equipment Technicians
3212 Medical and Pathology Laboratory Technicians
3213 Pharmaceutical Technicians and Assistants
3214 Medical and Dental Prosthetic Technicians

322 Nursing and Midwifery Associate Professionals
3221 Nursing Associate Professionals
3222 Midwifery Associate Professionals

323 Traditional and Complementary Medicine Associate Professionals
3230 Traditional and Complementary Medicine Associate Professionals

324 Veterinary Technicians and Assistants
3240 Veterinary Technicians and Assistants

325 Other Health Associate Professionals
3251 Dental Assistants and Therapists
3252 Medical Records and Health Information Technicians
3253 Community Health Workers
3254 Dispensing Opticians
3255 Physiotherapy Technicians and Assistants
3256 Medical Assistants
3257 Environmental and Occupational Health Inspectors and Associates
3258 Ambulance Workers
'") % & !'

" OVNCFS PG PUIFS QPJOUT PG E*4$SFUJDFFWJEUCXFFIDOPU*F4$0
JO UIF USFBUNFOU PG QSPGFTTJPOBM BOE BTTPDJBUF QSPGFTTJPOBM MFWFM
4FQBSBUF VOJU HSPVQT BSF QSPWJEFE GPS IFBMUI QSPGFTTJPOBMT BOE BTTPDJBUF QSPGFTTJPOBMT
4FQBSBUF VOJU HSPVQT BSF QSPWJEFE GPS PUIFS SFMBUJOHIP UPHFUIFS XJUI UIF
GFTTJPOBM BOE BTTPDJBUF QSPGFTTJPOBM MFWFM
5IF EJTUJODUJPO CFUXFFO QSPGFTTJPOBMT BOE BTTPDJBUF QSPGFTTJPOBMT
NBEF PO UIF CBTJT PG UIF UZQF PG XPSL QFSGPSNFE BOE UIF FYUFOU UP XIJDI
UJPOT IFME PS UZQJDBMMZ IFME PDDZFJSOEFJEW JSEIVBEMTFJSOF OUDIFTDPOV
UIF UBTLT QFSGPSNFE IBWF CFFO NBIEFFFDMBBSTHUPSUFFT EFmOJUJF
" OFX .JOPS (SPVQ 1BSBNFEJDBM 1SFEBDUPJCUJPOFS TXFEFTF CPNFBOT DS
TJmFE UP *4$0 6OJU (SPVQ .FEJDBMBMT 'TTJTnJFTEU BOO UTJTTFNVJMEP SC
HSPVQ JG UIFZ JOWPMWF UIF QSVPSVBJUTJWPO BPGE EQESWFWTFPSUZJWEJBE
TFSWJDFT FJUIFS XPSLJOH BVUPOPNPVOTMZ PS EVJOBFMS EMPJDNUJUSFTE T
7FUFSJOBSJBOT BOE WFUFSJOBSZ UMDIEOFJED JJBOO TU BFO ET VBCT TNJBKUPS
HSPVQT GPS IFBMUI QSPGFTTJPOBMQ FBDOUEJWTFTMPZD JBCUFD EQVSPIGFPTGJU
TUSPOH TJNJMBSJUZ XJUI IVNBO IFBMEJXPEJXPEHVQ BSUFJRPVOTSFJED BUOE m
UBTLT QFSGPSNFE 5IFZ BSF JEFOUJmBFUB BOO PNDJDOVQSBHJSFPOVTQ
UIBU JOWPMWF UIF QSPWJTJPO PG IVMBFE IEBMFUYIDTMFVSTWFJOFTGSDPBNO
EBUB SFQPSUFE BU UIJT MFWFM
"NCVMBODF XPSLFST BSF DMBTTJmFE JJDO 4*4$0NBKUPSFZSPVQ
XFSF JODMVEFE JO .BKPS (SPVQ 4FSWJDFBF 4BMFFTSPBSOE4TPQ B

Emergency paramedics are classi ed in the same unit group as ambulance o cers, as it is di cult to distinguish them from ambulance workers in statistical collections in some countries.

.FEJDBM BOE EFOUBM QSPTUIFUJD BOE QSPTUIFUJD UFDIOJDJBOT I
.BKPS (SPVQ $SBGU BOE 3FMBUFE 8PSLFST (SPVQ UP *4$0

5IF DIBOHFT JO UIF DMBTTJmDBUJPO BMMPX BQQSPQSJBUF DPEJOH PG DJOF BSF QBSUJDVMBSMZ TJHOJmDBOU JODSFBTFT JO MSBUJPOBM DPNQBSBCJMJUZ JO MFWFM *4$0 4LJMM -FWFM JO MSBUJPOBM BOE &VSPQF SFHJTUFSFE DIBOHFT JO OVNCFS JO /PSUI "NFSJDB BOE &VSPQF SFHJTUFSFE DIBOHFT JO FEVDBUJPO JO CPUI USBEJUJPOBM BOE DPNQMFNFOUBSZ NFEJDJOF created for traditional and complementary medicine professionals, and for traditional and DPNQMFNFOUBSZ NFEJDJOF BTTPDJBUFE HQMSFP GVFDTUJPOBMJ JSOF QBMKBPDS. (SPVQ QSPWJEFE JO *4$0 " EJTDVTTFJOP CUIFPUFUUFX PC PHVSOPEVBQSJDBOC CF GPVOE JO TFDUJPO CFMPX

*O BEEJUJPO UP UIF DIBOHFT NBEFUGPSQSPSGFGTTJPOBMBMDBDOEQBUJ JO IFBMUI B TFQBSBUF 4VC NBKPS (SPVQ 1FSSTPOBMJTFE 4FSWJDFT *4$0 .JOPS (SPVQ 1FSTPOBM 5BJMPSJOH BOE DIJME DBSF BT GPMMPXT

53 Personal Care Workers

531 Child Care Workers and Teachers Aides
5311 Child Care Workers
5312 Teachers Aides

532 Personal Care Workers in Health Services
5321 Health Care Assistants
5322 Home-based Personal Care Workers

) + ' % & !'

*U JT JOUFOEFE UIBU UIF PDDJMPQBUPGPDVTN BOWIPBMWUFE TJFOS WUIFD 4VC NBKPS (SPVQT BOE UIBUS PJTQTFYSDFMVBEJJOHH UIFP TWFFNEFS DBSF BOE DIJME DBSF XJMM CF JWQJDFMVGEFFSE IJFOB NUUF PQDSDPQBEFUE " OVNCFS PG PUIFS VOJU HSPVQT EUIJBOU *X4SS F OMBZTEFQTBS BCUFF JODMVEFE JO QBSUJDVMBS

1342 Health Services Managers
1343 Aged Care Services Managers
3344 Medical Secretaries

)

*O *4$0 QSJNBSZ TDIPPM UFBDIFSTQ SXFSQFS JDNMBSZTTJDmF JO FJUIFS .BKPS (SPVQ 1SPGFTTJPOBMBTTPDJBUJPOT SOEK'PTSP(SEFWQF 1SPDI GFTTJPOBMT 5IF JOUFOUJPO XBT UIEBUPOUIEIEJTTQJFDDJUmJDOUBTPLVTMEB EFHSFF PG SFTQPOTJCJMJUZ JO FYBFUDJVPUJBOMH FUEVFDNBUBJTPXOFBMMEBUTBOC SFRVJSFNFOUT *O QSBDUJDF UIF EJTTRVJBMMUmDBUJPOUXJEPTP G EMFMEC BTJFOE WJEVBMT PS PO UIF RVBMJmDBUJPVOMTBQSDFEVPNUSZBO 5JMZ BFQMQESPED JT OPU DPOTJTUFOU XJUI UIF QSJDDLVQBMJFPEE PUQBUFESFGRPVSJS*4 $UO QFSGPSNBODF PG TJNJMBS UBTLT TIPWQME"CMFUIDPWBHTTJGmBE OVONCFFST PG DPVOUSJFT UIFTF UFBDIFST EVFDBOUPJPOSEBRVEJUSSFBUIOEOTHBNF TMF POEBSZ TDIPPM UFBDIFST JU XBT BMMEBTFTJEmUEEBUIOUIEK PTSP(SMEQBMM 5IJT SFnFDUT CPUI UIF OBUVSF PG UJIFFNPSU QOSNGBPOZNDE VBOOUES JUFT UIBU QSJNBSZ BOE QSF QSJNBSZ TDIPBMU UMEFEBDTIUF SUTP TVEVJWE SCTF EFHSFF MFWFM

$BUFHPSJFT IBWF BMTP CFFO QSEWJEEFDIGSTS BWOPEDGUPJSP DBNFFEQ DJBMJ[FE DBUFHPSJFT PG UFBDIFS FDRUTFUXEBU UQFSBFDQBMSFDTBUVJEFOGBUT FNQMPZNFOU JO B QBSUJDVMBS PDDWQJBU J(ESOEWQ HSPV7QDBSEUJDMBTT J &EVDBUJPO 5FBDIFST XIFUIFS UIFZ XPSE MJCP SH EOF SWBMDTBFUJPOEBNS technical school or college.

, # & # "

0DDVQBUJPOT JO BSUT FOUFSUBJONFOU FEVDBUJPO BOE USBJOJOH (SPVQ 8SJUFST BOE $SFBUJWF P"SS U1FSGPSNJOH BOE 4QPSUT "TTPDJBUF 1SPGFTTJPOBMT B5CDDFSNTF BGGPSUS UFHYBBUNQWTFJDXBSDP DMBTTJmFE JO EJ FSFOU NBKPS HSPVQTF ZEFQFSOEFOUMZ PS MFTT GPSNBM TFUUJOHT 5IJTUEFMNFQTP SOBPSUZ SFMFDUJOH UIF ZUNFFOSFJBOM J and entertainment.

*O SFTQPOTF UP UIJT BOE UP B SUBHEHUFSPBGURNUFIGFS +DGPQUDFTSFOTPDBDVQ UJPOT JO *4$0 UIF GPMMPXJOH DIBOHFT IBWF CFFO NBEF JO *4$

B 5IF BSUT BOE NFEJB SFMBUFE VEVJQ HSPBVQT CFGF4NCSHFJEOPS XIFSF QPTTJCMF XJUI UIF FRVJWBMFOPSU(SVPVJQU HSPVQT GSPN *

C " OFX .JOPS (SPVQ "VUIPST +PBTSOBMTDUSFBOEE-JGHJTJBMMPX UIF TFQBSBUF JEFOUJmDBUJPO BFUMBVOFJEUXHSSUPFSQT MKFPWFSMOBPMGJT and translators, interpreters and other linguists.

D 5IF SFNBJOJOH BSUT XPSLFST BSFVQMBTTJmFBEJJWOFBBOEX1FJSOPS GPSNJOH "SUJTUT XIFSF BEEJUJPOBMQEFMUBVJFMMJCZQJSEPWOJUEJGEZBOHVGBJD separately from lm, stage and related directors and producers.

E *4$0 6OJU (SPVQ %FDPSBUPSTTBIGBE SCFNFNOFSQMBM %FTGJPHSONF UISFF OFX VOJU HSPVQT

2163 Product and Garment Designers
2166 Graphic and Multimedia Designers
3432 Interior Designers and Decorators

F " OFX .JOPS (SPVQ "SDIJUFDUT%FTJHTWSWFQPSSTTIB4TVSWFQPSSTFBOE JO SFDPHOJUJPO UIBU CVJMEJOH HSJEBQIJDDWQVBMUJFNFEJBBMBOSEFRVJ B DPNCJOBUJPO PG GVODUJPOBM DSFBUJWF BOE BSUJTUJD TLJM

G " OFX .JOPS (SPVQ 4QPSUT BOEDSJFBUFFTET 8PSLFST IBT CFFO

H 1IPUPHSBQIFST BSF TFQBSBUFMZ JTEPWOJUEJmEFDPSSEPJNOPHUFRSVJQNBHF PQFSBUPST XIP BSF DMBTTJmFE JO 4VBCONEBKPSN(SVPVJQD BUJOEGFSN 5FDIOJDJBOT

I " OFX .JOPS (SPVQ "SUJTUJD $VMUBUVSFBMSPBGOFET TJMPWOJBOMTSZB"TT CFFO DSFBUFE BOE DPOUBJOT UIF OFX JVOJUEFSHJSPSVQTF TGJPHSOQSPUBHE EFDPSBUPST HBMMFSZ NVTFVN BOEBMSCFSTBSEZBUNFDDIBUFJHBPSTZ DIF

-" "

*4$0 .JOPS (SPVQ "SDIJUFDUT 1&OHJFCTFFSPTOBMTE 3BMTBOFE TQMJU 5IJT BMMPXT UIF JODMVTJPVOSWGFZBPSSDTIBUCFEUPXOBSEQUPHSBQ QMBOOFST JO UIF OFX .JOPS (SPVQ NSF(SUPJVQOFE &MFWEPSPOFDXI.JO nology Engineers includes separate unit groups for electrical, electronics and telecommunica- UJPOT FOHJOFFST *OEVTUSJBM BOEPQNFEVBUJWJFOHJOFJOHFJCFSTFTSBOEP TFQBSBUFMZ JEFOUJmFE BT VOJU HSPVQT 1SP.GHOTPTJPSBWQT FY&MNJE &MFDUSPUFDIOPMPHZ BMPOH XJUI UIF0SFNBJOJOHSO(SPVQU HSPVQT GS

&

/FX NJOPS HSPVQT BOE VOJU HSPVQT TBSF QSPEWJEEPEBJMOMPBKKBSS(UIF CFUUFS JEFOUJmDBUJPO PG PDQDNVFQBUJUJPNQTMEJNEFUJUBUWJPNOWEFOEIB NJOJTUSBUJPO PG HPWFSONFOU BOE DJSSBQJFSWEFUPDQPWQJBUZJBOTE SPGRBVEN IJHIMZ TQFDJBMJ[FE TLJMMT 5IFTUP JODMVEF CVU BSF OPU SFT

121 Business Services and Administration Managers
1211 Finance Managers
1212 Human Resource Managers
1213 Policy and Planning Managers

122 Sales, Marketing and Development Managers
1221 Sales and Marketing Managers
1222 Advertising and Public Relations Managers
1223 Research and Development Managers

242 Administration Professionals
2421 Management and Organization Analysts
2422 Policy Administration Professionals
2423 Personnel and Careers Professionals
2424 Training and Staff Development Professionals

334 Administrative and Specialized Secretaries

3342 Legal Secretaries
3343 Administrative and Executive Secretaries
3344 Medical Secretaries

5IFTF DIBOHFT BSF BJNFE JOI BQUB*S4U$0 BUD BHEE ESSFFET TJOOBE D P
FRVBUFMZ GPS BENJOJTUSBUJWF PDDJWQTBUJBFMOMT PJG UHFFWFFDSDWQFBUJ
MJTUFE BCPWF BSF SFMFWBOU GPSSTCPTUFNUFPQVCIMNDBESOEQSJUVBVM
SFMFWBOU GPS UIF QVCMJD TFDUP1SPMNJDTZUBOEUBMCMZO6JOJU .BSOBVHQFT
BOE 1PMJDZ "ENJOJTUSBUJPO 1SPGFTTJPOBMT

8JUI UIF FYDFQUJPO PG TPNF WFSZFTQEDVnQBUSPOTQJOTMDEB
JO .JOPS (SPVQ (PWFSONFOU 3FMTM*B4$PSZ N'ETFPDOBUF 1S
EJTUJODUJPO CFUXFFO BENJOJTUSBDJUWPS PBDDEVQUEJPQSTJWEUFTQ
"MNPTU BMM *4$0 VOJU HSPVQT UNIBZFUDIUFSSFGPSOE EEDMSVNEJFOU
UIF NPTU BQQSPQSJBUF *4$0 DPEF GPSSKPCSFJOJUUJDJNQQMNSUBFGSW
DPOTJEFS UIF OBUVSF PG UIF XPSLOHFSQEFSNCFETSBUPHSMZUPBOO UDMBDT
TFSWJDF HSBEF PS KPC UJUMF

.& & "

5IF DIBOHFT EJTDVTTFE JO UIF UTFFDQJSPOVTJBJCPPWPG DBFENECJUJOP
detail in a number of other areas of the classi cation, necessitated a signi cant reorganiza-
UJPO PG UIF TUSVDUVSFT PG .BKPS (SPVQT 1SPGFTTJPOBMT 5IJT SBFEFTFHTBSE[EEJBPWPXEETSBFMEP
"TTPDJBUF 1SPGFTTJPOBMT HSPVQT BU UIF TFDPOE BOE UIJSEBMSEWZFMTBPGXESF DFMBFTTJmWBMZPT
JO UFSNT PG UIF UPUBM OVNCFS PG KTPVCCT NDBPKPSUFESJPVQFBTDU SHVSDPUVQ
GPS .BKPS (SPVQT BOE PG *4$0 BOEUB4CMFT BEEDNQBSFE JO

Table 4. Sub-major groups in Major Group 2: Professionals, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
21	1IZTJDBM .BUIFNBUJDBM Engineering Science Professionals	21	B OSScience and Engineering Professionals
22	Life Science and Health Professionals	22	Health Professionals
	5FBDIJOH 1SPGFTTJPOBMT		5FBDIJOH 1SPGFTTJPOBMT
	Other Professionals		#VTJOFTT BOE "ENJOJTUSBUJPO 1SPGFTTJP
			*OGPSNBUJPO BOE $PNNVOJDBUJPOT 5FDIOP Professionals
			Legal, Social and Cultural Professionals

Table 5. Sub-major groups in Major Group 3: Technicians and Associate Professionals, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
	Physical and Engineering Science "TTPDJBUF 1SPGFTTJPOBMT	4DJFODF BOE &OHJOFFSJOH "TTPDJBUF Professionals	
	-JGF 4DJFODF BOE)FBMUI "TTPDJBUF 1SPGFTTJPOBMT	)FBMUI "TTPDJBUF Professionals	
	5FBDIJOH "TTPDJBUF 1SPGFTTJPOBMT	"T#TPDJBUF Professionals	BOE "ENJOJTUS
	0UIFS "TTPDJBUF 1SPGFTTJPOBMT	Professionals	
		*OGPSNBUJPO BOE $PNNVOJDBUJPOT 5FDIOJ	

3.4 Clerical, sales and services occupations

/

*4$0 4VC NBKPS (SPVQ 0 DP UIS SFMFWBOU TVCNBKPS HSPVQT UP SFnFDU UIF JNQBDU PG EFWFMPQNFOUBM PS TJLO BSSBOHFNFOUT meaningful detail for occupations in which large numbers of women are employed. Sub-major (SPVQ $VTUPNFS 4FSWJDFT $MFSLT BOE 4VQQPSU 8PSLFST UIVT DPNQSJTFT GPVS TVC NBKPS HSPVQT

41 General and Keyboard Clerks

42 Customer Services Clerks

43 Numerical and Material Recording Clerks

44 Other Clerical Support Workers

0UIFS DIBOHFT B FDUJOH P DF DMFSLT JODMVEF B OFX NJOPS HSPVQ GPS HFOFSBM PSHBOJTBUJPOBM PSHBOJTBUJPOBM PDDVQBUJPO DMBTTJmDBUJPOT

TQMJUUJOH *4$0 .JOPS (SPVQ 4FWFSBM UIFSBQJTU DPEF , EVQCPBS QSPWJEF TFQBSBUF NJOPS HSPVQT GPS HFOFSBM TFDSFUBSJFT

UIF NFSHJOH PG GPVS *4$0 VOJU HSPVQT LFYZPSE PQFSBUPST o 5ZQJTUT BOE 8PSE 1SPDFTTJOH 4VQFSWJTPST BOE UIF TFQBSBUF JEFOUJmDBUJPO PG NJOPS HSPVQT GSPN mMJO a new unit group for personnel clerks.

/ &

5IF TDPQF PG *4$0 4VC NBKPS HSPVQ IBT CFFO DIBOHFE TJHOJmDBOUMZ XJUI UIF OPUJBCMF FYQBOTJPO PG 5JDLFU $MFSLT IBT CFFO NPWFE UP *4$0 8PSLFST close relationship of the work performed in many jobs in this unit group with that performed CZ TBMFT BTTJTUBOUT 5IF HSPVQJOH PG TQPSUT BOE SFDSFBUJPOBM PDDVQBUJPOT IBT CFFO SFWJTFE UP JNQSPWF UIF TUBUJTUJDBM DPIFSFODF BOE DPNQBSBCJMJUZ JO TVNNBSZ TUBUJTUJDT

.PTU EFUBJMFE DBUFHPSJFT BSF NPWFE JOUP TJNJMBS VOJU HSPVQT XJUI TJNJMBS OBUVSF BOE TFSWJDFT UP DMJFOUT JO .JOPS (SPVQ $MJFOU *OGPSNBUJPO 4FSWJDF 8PSLFST JT BMTP SFOBNFE BT B SFTVMU JODSFBTFE GSPN UP

422 Client Information Workers
4221 Travel Consultants and Clerks
4222 Contact Centre Information Clerks
4223 Telephone Switchboard Operators
4224 Hotel Receptionists
4225 Enquiry Clerks
4226 Receptionists :general;
4227 Survey and Market Research Interviewers
< . + % & !'

*4$0 6OJU (SPVQ 5SBWFM IBTOCTFWFMOU BNOFUSTH FBEO EX JOUSH E
6OJU (SPVQ 5SBWFM "HFODZ BOE BUFEMUB UUFE EJMTFSJLCTDUPJOP CIE FCUBXTFJ
UIFTF HSPVQT XBT OPU DMFBS 5IF SF5SVBMWJEM H\$P4OSTOV MUGBOOJUT (BS
\$MFSLT JODMVEFT UIPTF XIP NBLF USBWFMJTBVOE UBSDBOWPNMNPEEBUFUPD CP
PS QSPWJEF BEWJDF BOE JOGPSNBUNPEUPOMPDSBLWFSTUXUSBDU
register passengers for check-in and departure at airports and other transportation facilities
BSF BMTP JODMVEFE JO 6OJU (SPVQ JMMTUPEUZBSWFRW JBSHFFTDJNZJMBS
issuing tickets, rearranging itineraries and so on, and are not distinguishable in practice from airline employees who sell and issue tickets.

5PVS PQFSBUPST XIP QMBO EFTHHSEVBQOEPVSSHTB CBJ[E NQBLDFL BCWM
USBWFM BOE BDDPNNPEBUJPO CPPLJQUH(TPXVQSF JO5DMZVEEFWEJO *4\$
OPU CFFO JODMVEFE JO *4\$0 6OJUT(USFFVQT BO PDDEVQSEJPV
JODMVEFE JO 6OJU (SPVQ #VTJOFSTFT\$MFSTWJmFE "HFOUT /PU

0

5IF OVNCFS PG VOJU HSPVQT JO 4VCF EN BGKSPS N(SPVQ IBTD EJOUDJSF
NJOPS HSPVQ TUSVDUVSF PG UIF HBSPV QJTBJTO CQFEFSUNBP ESJFmTVEM U5PJ
NPWFNFOU UP 4VC NBKPS (SPVQ PG STFUSUF FRUPG P4PBEM WTFQOESPTSTOT JO
*4\$0 BOE EPPS UP EPPS BOE UFMFQSP(SPVTQ MF & MQFNSFTOPUOBTSZSOPDN .B
DVQBUJPOT BOE UIF NPWFNFOU PG GSBSTFTNJFBSKTPS O(SPUVJDD LF\$UMTFBSUF TQ
"EEJUJPOBM EFUBJM JT BMTP QSPWJEEBUJSPVHGUUFTFQPBVSVBRUXFJJDEHFOUJU H

5221 Shopkeepers
5222 Shop Supervisors
5223 Shop Sales Assistants
5242 Sales Demonstrators
5243 Door-to-door Salespersons
5244 Contact Centre Salespersons[1]
5245 Service Station Attendants
5246 Food Service Counter Attendants
+ % & !'

0

*O BEEJUJPO UP UIF DSFBUJPO BQTFSQTBPSOBUF DFBVSCF NXBPKSPLSF SHTS
UJPOFE BCPWF JO UIF EJTDVTTJPO*4\$0 IFBMUI CINTBFKSPWSJ(DSPTVQP DDVQB
1FSTPOBM BOE 1SPUFDUJWF 4FSWJDFWTJEFFSELEFS TBINBNTPCXFUOF GDVSSFUBIUFJSPT
TFQBSBUF TVC NBKPS HSPVQT GPS QFQSSTPOBMUTWSFWTJDFSW JXDPFSTL FXSPTSB
"EEJUJPOBM EFUBJM JT BMTP QSPWJNEFE 5EUTNFJOPSOBHOFE VBCSJFU JHMSMPWTQUN
JO UBCMF XIJDI DPNQBSFT UIF TVC NUBSKVPSU WSIPTVQP OBOEKNPSO(PSSPVHQSPV
JO *4\$0 BOE *4\$0

5IF OFFE GPS JOGPSNBUJPO BCPVUFXSPWSJDFSTT PXOPBQDSIPNWNJESTDTJBYM
CBTJT EJ FST GSPN DPVOUSZ UP DPVUOUFSZ J*TO BB EOFWNBCOFES GPPGS DEPBVUBU
BCPVU UIJT HSPVQ XIP NBZ PQFSBUFHMPBWXFGSVOMNMZZ UB OBEV UCIPSSJEUHJVTM B

[1] Includes Internet salespersons.

*O NBOZ DPVOUSJFT IPXFWFS JU JF NPSF BZ GVSO UPQYBM GTFSWJDFT
BOE UIFSF NBZ CF OP SFRVJSFNFOU GPS SJPWGJFESFN BVDIPOTBCWJDFUI
*O *4$0 TVDI XPSLFST XFSF UBDJUMZ JODMVEFE JO TJMPOBMJUFSWPJDF
8PSLFST /PU &MTFXIFSF $MBTTJmFE *EOFE4NP UIFBEOFUJBFOCJG6OBEU
(SPVQ 1FSTPOBM 4FSWJDFT 8PSLFSYTQMPBJU&MTHFXUFSUJMBPTVJmUFSE
XIFSF UIFSF JT B SFRVJSFNFOU GPS PUIFS TPNUIMFZDUJPVOMEGCEBJUBDMOVET
JO UIJT VOJU HSPVQ 8IFSF TFQBSBUFXJEFSLFUSJmJDBUJPOSEUBJUTUHIS
HSPVQ MFWFM B 6OJU (SPVQ DPEF QPJTSDOPNJFOUBCMF
PG *4$0 UIBU GPMMPX UIF *4$0 DPEF TUSVDUVSF

Table 6. Sub-major and minor groups in Major Group 5, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
	4FSWJDF 8PSLFST BOE 4IPQ BO4EFSBWSLUFST BOE 4BMFT 8PSLFST		
	Sales Workers		
	1FSTPOBM BOE 1SPUFDUJWF 4FSWJDFT 8PSLFST		1FSTPOBM 4FSWJD
	5SBWFM "UUFOEBOUT BOE 3FMBUFE 8PSLFSPTOEVDUPS5TSBWFM(VJEFTOEBOU		
	)PVTFLFFQJOH BOE 3FTUBVSBOUCooks4FSWJDFT		
	Workers		
	Personal Care and Related Workers		Waiters and Bartenders
	0UIFS 1FSTPOBM 4FSWJDFT 8PHairdressers, Beauticians and Related		
			Workers
	"TUSPMPHFST 'PSUVOF UFMMFSTJBMCEE3FMBUFE)PVTFLFFQJOH 4VQFSWJTP		
	Workers		
	1SPUFDUJWF 4FSWJDFT 8PSLFST		0UIFS 1FSTPOBM 4FSWJD
	.PEFMT 4BMFTQFSTPOT BOE %FNPOTUSBUPST		Sales Workers
	'BTIJPO BOE 0UIFS .PEFMT		4USFFU BOE .BSLFU 4BMFTQFST
	4IPQ 4BMFTQFSTPOT BOE %FNPOTUSBUPST		Shop Salespersons
	4UBMM BOE .BSLFU 4BMFTQFSTPOT		$BTIJFST BOE 5JDLFU $
			Other Sales Workers
			Personal Care Workers
			$IJME $BSF 8PSLFST BOE 5FBDIFST "JEFT
			1FSTPOBM $BSF 8PSLFST JO)FBMUI 4FSW
			1SPUFDUJWF 4FSWJDFT 8PSLFST
			1SPUFDUJWF 4FSWJDFT 8PSLFST

(#

*4$0 6OJU (SPVQ $PPLT JODMDVEFQFEUBPXJUEFOSWBPNHWFFEGJPD
the preparation of meals including chefs, cooks, short order cooks and fast food preparers.
,JUDIFO IFMQFST XFSF DMBTTJmFE JOF*4$0)6MQUFS(SPBVQET $MFB%OFNST
BOE)FMQFST BOE $MFBOFST JO 0MDJFTTIN)FPUUFTMT*4BSOE 0QSFPS &TU
WJEFT UXP NJOPS HSPVQT BOE BEEJUJFWFBMGEESUUBJFMTFBEDUDVFQVBOUJUPH
PVUMJOFE CFMPX $IFGT BSF JEFOUJmEFKEPSTBSPTVFQBSBUFDVJDJUBSOPT
BOE "TTPDJBUF 1SPGFTTJPOBMTFRSVFJSFNEOUOTH UIFEFJmDJUJPLJBS
OPUFT QSPWJEF HVJEBODF PO UIF CPSVPVEQBTJFT CFUXFFO UIF SFMFV

343 Artistic, Cultural and Culinary Associate Professionals
=== ===
3434 Chefs

512 Cooks
5120 Cooks

9411 Fast Food Preparers
9412 Kitchen Helpers

3.5 Occupations in agriculture, forestry and fisheries

" OVNCFS PG DIBOHFT IBWF CFFFOT QJFODUUS PUJE VPDDFDEV QUBU*J4PSDOT JC
BHSJDVMUVSF GPSFTUSZ BOE mTIFSJNFBTS J5[FFE NBBTJ GPDMBMOPXFT DBO CF
market-oriented agricultural workers are identi ed in a separate sub-major group from
GPSFTUSZ BOE mTIFSZ XPSLFST
WJSUVBMMZ BMM GBSNFST BSF DMB74$JmFEDJMOB.BTKPmSF(ESFVPQF XI
GBSNFST JO .BKPS (SPVQ
NPSF EFUBJMFE DBUFHPSJFT BSF QSPWJEFE GPS TVCTJTUFODF
NPSF EFUBJMFE DBUFHPSJFT BSF QZSBWJEEmEIGSZS MBHSPDVSBM
*O .BKPS (SPVQ 4LJMMFE "HSJDVZMBPVSLBMST'P*S4FSTOUSZIBTOE 'JT
UISFF TVC NBKPS HSPVQT JOTUFBE P4$0UIF 4VXCP NJBKPMSV(ESFEVQO *4$0
.BSLFU PSJFOUFE 4LJMMFE "HSJDVMUVSBM QBMJEU'JUPF SBZM8PPSXLFTSLTJ
BHSJDVMUVSBM XPSLFST UP CF JEFMBUJmFE BUJPOF TIFQBSEUM
market-oriented forestry and shery workers.

.PTU KPCT DMBTTJmFE JO *4$0 OBH6FOSJTU J(CSPHVSQJDVMU(VFSOFFS
)VOUJOH 'PSFTUSZ BOE 'JTIJOH BSF DDBPUXFJHOFDSMJVFETFE CJO*4USIF SFMVFWE
NBKPS (SPVQ .BSLFU PSJFOUFE 4LJSMMJE4'VHCSNJBKPMSJV(SBVQ8PSLFS
.BSLFU PSJFOUFE 4LJMMFE 'PSFTUSZF SJFTBFFSZ EGOPS)UMOTU JJOTHU8
UIF EJTUJODUJPO CFUXFFO UIFTF HSPPSVQTG XBPTVOUPSJ6GF BTJJCTMFJED U
TJHOJmDBOU JODPOTJTUFODJFT JGBTJJOUESDBUFE OBBCMFWFQJPSUJIE HEJPT
sion on managerial occupations.

8JUI SFTQFDU UP TVCTJTUFODF FXCPBUIFSEVSUJGFSFUXFBTEFFWEMPQJNWE
PG *4$0 BCPVU XIFUIFS PS OPU *4$0 TJ4TVCFONBKP'SH$SDWQMUVS4EMM BC
Fishery Workers should be retained. On the one hand there was concern that the boundary
CFUXFFO TVCTJTUFODF BOE NBSLFU PMSUJFUOPUEESBXDUGJMWJJUZODDPMEFCQF
BOE GSPN B QSBDUJDBM QPJOUBFTGNMVTJUF XTVJCCOTJTTUWBFOODTFUGJBDSBNJODHP
WPMWFT UIF TBMF PG B TVSQMMTF DU*JUPOXBPTG GEBMBMB PJOBTUVCJTJFTUBF
XPSLFST NBZ SFRVJSF BEEJUJPOBM FTVF*DUNBOZ JDOPVDGFUOSTJMFTTFNBQOMEPZ
NFOU JO TVCTJTUFODF BDUJWJUZ JT WFSZ TNBMM PS OPO FYJT

0O UIF PUIFS IBOE JO NBOZ DPVOUSJFTF CTUTC TBJ-TMUBFSOHDFFQGSBPSQNPJS
UJPO PG UPUBM FNQMPZNFOU BOE JTUFTFFJOFBSTF CUJGSBPNJUFBSUUW
PG FNQMPZNFOU 8IJMTU TPNF FYUQZFSNUBZ GCFMCJFUUBFUS TJVEGFTDJUTJmF
other international statistical standards such as the International Classi cation of Status in
&NQMPZNFOU UIF SFNPWBM PG UIJT HSPVQJT GUSZPQNF*4$0FXNPQMMPEZ NFOO
would no longer be identi ed in any current international statistical standard.

5IF HSPVQ IBT UIFSFGPSF CFFO S4FVCBTJJOTIE OBDTF4'VBGS NNFBSKTP
'JTIFST)VOUFST BOE (BUIFSFST 5QFSPWJEEMF JNQJOF*4$0BOE BVTO J
CFFO SFQMBDFE JO *4$0 XJUI TFSQUBSPBUF FQNJEDVPDSJGHD SVPQJTU
POMZ MJWFTUPDL POMZ NJYFE DSPQQTDBFOmTMJFWSFTUVPOUFSBTDEUGSBSQ
and gatherers.

63 Subsistence Farmers, Fishers, Hunters and Gatherers

631 Subsistence Crop Farmers
6310 Subsistence Crop Farmers

632 Subsistence Livestock Farmers
6320 Subsistence Livestock Farmers

633 Subsistence Mixed Crop and Livestock Farmers
6330 Subsistence Mixed Crop and Livestock Farmers

634 Subsistence Fishers, Hunters, Trappers and Gatherers
* > (? ' @ J '

5IF EFmOJUJPOBM NBUFSJBM GBSSVQJTT HSPVQ-QEBOE 'GHPSSJ 4VC
DVMUVSBM 'PSFTUSZ BOE 'JTIFSZ NBBCLPVSJFSTMFBBSTUCBFUFO JNQSPV

B XPSLFST FOHBHFE JO BHSJDVWMUVSTBMIPVGMFSFCTFUSJZMBBTCTEmnF
4VC NBKPS (SPVQ JG UIF NBJO BJNJFEGF UIFFPEQTPSNBDOMZOGJPTPEUP C
GPS DPOTVNQUJPO CZ UIF XPSLFS T PXO IPVTFIPME

C UIPTF XIP QFSGPSN POMZ TJNQMFFOWBFTSTFYEQRYSJSOHDHF MUJPVUMEF CKVE
UIFMFTT CF DMBTTJmFE JO 4VC NBKPS (SPVQ

D TVCTJTUFODF IVOUFST USBQQFJSmFEOJEOHBVCFNSEFKSPTST(SPVWQE CF D

'PS DPVOUSJFT BOE SFHJPOT JBCSFXMJDSUTVBCMTMZUCFOOD FYBJDTUFVU
NBKPS (SPVQ DBO CF FYDMVEFE GSPNJPDOETUJHCFSMBOEXJSUFHVUOBI
loss of international comparability.

.PSF EFUBJMFE DBUFHPSJFT IBWFSBPMTQP CFFEHSDJSFVBMUFVESJBOM.J'PSS
FTUSZ BOE 'JTIFSZ -BCPVSFST 5IFTFHSPBVQHTPUSSJVFDTUSVFSnFDVUFUEIFJONJ4CVR
NBKPS (SPVQ .BSLFU PSJFOUFE 4LJMMFE 'PSFTUSZ UUJTTFXSEZZBOUEP)TVFOXJSOLHJ8F
.BSLFU PSJFOUFE 4LJMMFE 'PSFTUSZ UUJTTFXSEZZBOUEP)TVFOXJSOLHJ8F
PO DSPQ GBSNT MJWFTUPDL GBSNT SBNOTEDNBJOYFEF DJSPQUBJOHEEMJWFQT
BSBUFMZ SFHBSEMFTT PG BOZ DOBEJOHBGMBSWNBSKJPBCUJBOTTJLOMQV
FMFNFOUBSZ JO .BKPS (SPVQT BOUEHSPVQJFTDBJMJWFFMQZSPWJTEFFQEBGS
garden and horticultural labourers. Hunting and trapping labourers are no longer included in the same unit group as forestry labourers, on the basis that they cannot easily be distinguished from skilled hunters and trappers.

92 Agricultural, Forestry and Fishery Labourers

921 Agricultural, Forestry and Fishery Labourers
- 9211 Crop Farm Labourers
- 9212 Livestock Farm Labourers
- 9213 Mixed Crop and Livestock Farm Labourers
- 9214 Garden and Horticultural Labourers
- 9215 Forestry Labourers
- 9216 Fishery and Aquaculture Labourers

" OFX 6OJU (SPVQ 8BUFS BOE 'JTSFQXSPPWEJSFEFMMJFOD*U4PSOT JT BM
"MUIPVHI NBOZ XBUFS DPMMFDUPSUJPOSIF FUNIQJMPVZGFJEUJOSBPWSQJDT
DMVEFE JO .JOPS (SPVQ 0UIFS &MFJNWFJOUZBSE2F8TPSLPFUSTDFBTFTUTBSEM
JOWPMWF BHSJDVMUVSBM QSPEVDUJPOCJO+VPSCCTBCJGBTUKJFTMMOBJTUBHH
ricultural settings.

3.6 Occupations in crafts, repair and operation of machinery

- 0

" OFX 4VC NBKPS (SPVQ &MFDUTS8EBSMFSTDEBTMCFDFUOSPDSJFBTF5ES
GPS *4$0 *U DPNQSJTFT UIPTF KPSCPTVQMBTT&mFEUJSOJDB4M0 BO
&MFDUSPOJD &RVJQNFOU .FDIBOJDT#VOEEJJDUHUBFSEE 3BFOMEB U6FOEJU
&MFDUSJDJBOT 4FQBSBUF NJOPS HBSOPEVQTPSBSFMFQDSUPSWPJOEJFDET GFFRSVJFQV
JOTUBMMFST BOE SFQBJSFST 5IFOWFOSJHUFOHDSPVCQTUXSFFOFDDPNQVFH
BOE UFMFDPNNVOJDBUJPOT UFDIOPMPEJFTUJOBDDEJBJDN CUFRUXQFSPOVJEPTE
XPSLJOH XJUI IJHI UFOTJPO BOE MPX UFOTJPO FRVJQNFOU

+ 0

5IF OFX *4$0 .JOPS (SPVQ)BTDHETDNSPBTGUUP8GPSULIFSPTDDPVQBS
UJPOT JODMVEFE JO *4$0 .JOPS (SPVQ.TFUBM1BSGEJJTFBJNPBDU8FESLBFST J
UFSJBMT 1PUUFST (MBTT NBLFSBOBEE 3FBMGBEUJFDESBSGBUE8FPTS8PSTDFJSOT
8PPE 5FYUJMF -FBUIFS BOE 3FMBUF*E4$0UFSGJOJNT(S*PUVEQMTTP JO#DBMTVEFT
LFUSZ 8FBWFST #SVTI .BLFST BOE 3FQMBSUFSET8FBSOLEFST 8FBWFSTF 1
,OJUUFST BOE 3FMBUFE 8PSLFST 4PNFUIFGOUFXF NVJDOJPUSHHSPPVQQT INBPWFFE

CFFO NFSHFE EVF UP UIF WFSZ TNBMMFTU PWFSMBQT BU UIF NPTU EJHJUBM MFWFM
EJ DVMUZ JO EJTUJOHVJTIJOH CFUXFFO NBOBHFST BOE TVQFSWJTPST
BOE iCBTLFU NBLFSw

"

5IF HSPVQT GPS QSJOUJOH PDDVQBUJPOT JO .BKPS (SPVQ XFSF
CFDPNF PVUEBUFE EVF UP EFWFMPQNFOUT JO UFDIOPMPHZ BOE
CFUXFFO NBDIJOF PQFSBUPST BOE USBEFTNFO XIPTF XPSL JODSFBTJOHMZ
WJEFTB TJNQMJmFE BSSBOHFNFOU JOWPMWJOH UFDIOPMPHZ BOE
BOE QSJOU mOJTIJOH BOE CJOEJOH XIJDI MFE UP NPSF
1SJOUJOH 5SBEFT 8PSLFST 5IJT NJHIU IBWF JODMVEFE TPNF
DSBGU 8PSLFST UP GPSN 4VC NBKPS (SPVQT
CJOBUJPO PG NBOVBM EFYUFSJUZ

&

5IF HSPVQT GPS QMBOU BOE NBDIjOF PQFSBUPST BOE BTTFNCMFST
PSHBOJ[FE JO SFTQPOTF UP DPODFSOFTY DIFBTUT JUWJFTMZ BFSFUUBDIM
PG EBUF JO TPNF BSFBT 5IFSF XBT SFMVDUBODF BNPOH
QMBOU PQFSBUPST BOE NBDIJOF PQFSBUPST BOE BTTFNCMFST
MFWFM EVF UP UFDIOPMPHJDBM EFWFMPQNFOUT QBSUJDVMBSMZ
by technicians from a central control room or console.

5IF NBJO GFBUVSFT PG UIF DIBOHFT DJTDVTTFE BCPWF BSF
B *4$0 4VC NBKPS (SPVQT 4UBUJPOBSZ QMBOU PQFSBUPST
0QFSBUPST BOE "TTFNCMFST IBWF CFFOSFEFmOFE UP
81 Stationary Plant and Machine Operators
82 Assemblers
C TPNF NJOPS HSPVQT IBWF CFFO NFSHFE XJUI UIFJS
*4$0 GPS TUBUJPOBSZ QMBOU PQFSBUPST BOE NBDIJOF PQF
D B OFX .JOPS (SPVQ 1SPDFTT $POUSPM 8PSLFST BOE
VOJU HSPVQT PS QBSUT PG VOJU HSPVQT
4VC NBKPS (SPVQ 4UBUJPOBSZ 1MBOUBUJPO HBT
UIFTF PDDVQBUJPOT UP CF DMBTTJmFE BU B IJHIFS TLJMM MF
E B OVNCFS PG VOJU HSPVQT IBWF CFFO
*4$0 XFSF UPP EFUBJMFE

*O BEEJUJPO TPNF HSPVQT JO .BKPS (SPVQ XFSF SFDMBTTJmFE
PDDVQBUJPOT JO .BKPS (SPVQ XIFSF EJTUJOHVJTIJOH
on the one hand, and plant and machine operators on the other, was no longer meaningful.
5IJT XBT UIF DBTF GPS FYBNQMFT JO
machine tool setters and operators.

3.7 Improved identification of elementary occupations and of occupations predominant in informal employment

5IF OFFE UP JEFOUJGZ PDDVQBUJPOT JO
JOUP DPOTJEFSBUJPO JO *4$0 QSJNBSJMZ
TJEFSFE UP CF JNQPSUBOU JO UIF JQSIPWFNFOU
DPWFSBHF PG TVDI PDDVQBUJPOT PSVFUNBOUQMFZJOHFS
UIFTF PDDVQBUJPOT XFSF OPU WJTJCMF BUBO
JEFOUJmFE PNMZ BU EFUBJMFE MFWFMT
GPS TUSFFU WFOEPST BO PDDVQBUJPOBM
FNQMPZNFOU 5IFTF UXP VOJU HSPVQTPXSFSFTQPOTJCMF
UP EPPS BOE UFMFQIPOF TBMFTQFSTPOT

5IF DPWFSBHF PG PDDVQBUJPOT UBSHFUFE JO UIF *4$0 GSBNFXPSL JT FYUFOEFE JO *4$0 8IFSF QPTTJCMF HSPVQT UIBU DPWFS NBKPS HSPVQT UIBU DBOOPU CF NBUDIFE UP *4$0 QPSUFE EBUB 5IJT JT SFnFDUFE JO UIF TVCEJWJTJPOBM HSPVQT 8PSLFST NFOUJPOFE BCPWF BOE UIF VOEFSTLJMMFE (SPVQ Elementary Occupations, discussed below.

"MUIPVHI KPCT JO JOGPSNBM FNQMPZNFOU BSSBOHFNFOUT DPWFS NPTU PG UIF UBTLT JO TUSVDUVSF PG .BKPS (SPVQ & MFNFOUBSZ PDDVQBUJPOT UIFSF JT DPOTJEFSBCMF PWFSMBQ JO UIF UBTLT DIBOHFT NFOUJPOFE BCPWF *O QBSUJDVMBS UIF TVCTUBOUJBM HSPXUI JO PG TVC NBKPS HSPVQT JO .BKPS (SP4VC NBKPS MFWFM BOE 3FMBUFE 4BMFT BOE 4FSWJDFT 8PSLFST

5IF *4$0 BOE *4$0 TVC NBKPS HSPVQT JO Elementary Occupations are compared in table 7.

Table 7. Sub-major and minor groups in Major Group 9: Elementary Occupations, ISCO-88 and ISCO-08

ISCO-88 code	ISCO-88 title	ISCO-08 code	ISCO-08 title
91	Sales and Services Elementary Occupations	91	Cleaners and Helpers
911	Street Vendors and Related Workers	911	%PNFTUJD)PUFM BOE 0GGJDF $MFBOFST Helpers
912	4IPF $MFBOJOH BOE 0UIFS Elementary Occupations	912	Vehicle, Window, Laundry and Other Hand Cleaning Workers
	%PNFTUJD BOE 3FMBUFE)FMQFST $MFBOFST and Launderers		
	Building Caretakers, Window and Related Cleaners		
	.FTTFOHFST 1PSUFST %PPSLFFQFST BOE Related Workers		
	(BSCBHF $PMMFDUPST BOE 3FMBUFE Labourers		
92	Agricultural, Fishery and Related Labourers	92	Agricultural, Forestry and Fishery Labourers
921	"HSJDVMUVSBM 'JTIFSZ BOE 3FMBUFE Labourers	921	"HSJDVMUVSBM 'PSFTUSZ BOE 'JTIFSZ Labourers
93	Labourers in Mining, Construction, Manufacturing and Transport	93	Labourers in Mining, Construction, Manufacturing and Transport
	.JOJOH BOE $POTUSVDUJPO -BCPVSFST		-BCPVSFST JO .JOJOH $POTUSVDUJPO BOE
	.BOVGBDUVSJOH -BCPVSFST		.BOVGBDUVSJOH -BCPVSFST
	5SBOTQPSU -BCPVSFST BOE 'SFJHIU Handlers		5SBOTQPSU BOE 4UPSBHF -BCPVSFST
		94	Food Preparation Assistants
			'PPE 1SFQBSBUJPO "TTJTUBOUT
		95	Street and Related Sales and Services Workers
			4USFFU BOE 3FMBUFE 4FSWJDFT 8PSLFST
			4USFFU 7FOEPST FYDMVEJOH 'PPE
		96	Refuse Workers and Other Elementary Workers
			Refuse Workers
			Other Elementary Workers

4USFFU GPPE WFOEPST BSF DMBTTJmFE JOU *4$0 4UBOEBSE 4PDDVQBUJPOT

*4$0 .JOPS (SPVQ #VJMEJOH DBSFUBLFST TOBUSFHSTEPVQUJOF.EOJPOS *(4SPVQ B
#VJMEJOH BOE)PVTFLFFQJOH 4VQFSWJTPST W4JFEFEESJBOUF*4$0JU HS
.JOPS (SPVQ GPS IBOE MBVOEFSFSFSBOEXJQOSEEPTXTFDSMFBWOFISJDMBFOED
other cleaning workers.

8JUI SFTQFDU UP *4$0 .JOPS (SPVQPPSLFFQTFSTOBHFS 3F 1PS
MBUFE 8PSLFST UIF CVML PG PDDVQBUJP%OHTPDSMBFQJnGE 8KDU6CQUF(SPV
TPOT BOE 3FMBUFE 8PSLFST BSF OPX JOD4MFVDEVFSEJUØ (*4BS ET 6O
5IF SFNBJOJOH VOJU HSPVQT JO UIJTJNDJOPSPHS(PVQ OPX IFODMV
Elementary Workers.

4. NOTES ON SPECIFIC ISSUES AND BOUNDARY PROBLEMS

4.1 Purpose of these notes

$IBQUFS EJTDVTTFT BOE DMBSJmFT QVSQPTFT BOE CBTJT PG DPEJOH
HSPVQT NBZ CF EJ DVMU UP EFMJNJUU DPEJOH EFUBJMFE JOTUSVDUJPOT
QSBDUJDF BOE CPVOEBSJFT IBWF DIBOHFE PWFS UJNF BOE BSF MJLFMZ
B OVNCFS PG PUIFS TJUVBUJPOT XIFSF BNPUTE QSPCMFNT BSJTF
code for a particular job or occupation may be di cult. In all of these cases special care may
need to be taken to ensure consistent interpretation in national adaptations and applications
PG *4$0

5IF JOGPSNBUJPO QSFTFOUFE PO UIF DPEJOH PG TQFDJBM
categories in the classi cation, in situations where all information about the occupations con-
DFSOFE DBO CF LOPXO *O TUBUJTUJDBM JBPOE BBDEUNJWOJUJUJFSTBUUJWJF
UIF DBTF IPXFWFS UIBU POMZ B BMWJBNJMF BNBFNBYCHV UPHIFOXG
QFSGPSNFE 4PNF JOGPSNBUJPO JT QWSJPEWFJDEDE UUIBFUSFNGBPZSFC FBCOFVFUF
UP EJ FSFOUJBUF CFUXFFO TPNF IPGQFUEIFUINBPUSUFIFTJF DSVFMTQPHOSTFVQ
GPS UIF EFWFMPQNFOU PG UPPMT UP4$0QBOESSUFMBFUFNJFQOMBFUNJPOUBBMU
classi cations will be able to use this information to help make decisions about how best to
assign classi cation codes to commonly occurring occupation titles associated with these
di cult cases.

*4$0 IBT CFFO EFTJHOFE TP SUQBUT FTGPSINPSTFUFQTPUBTUFTUUJPDBM
tions about (a) the occupation or job title and (b) the main tasks or duties usually performed
CZ UIF XPSLFS TIPVME CF TV DJFOU$UBQBUFTSJHOSBPWEEEHJUH4CSFOSE
HVJEBODF PO UIF EFTJHO PG RVFTUJNBZ CEEPUPUCF QSPQEEZSF
to ensure su ciently consistent and accurate assignment of occupation codes, based on the
FWJEFODF UIBU NJHIU CF BWBJMBBEOMGJTUSQBSWJFDVPMBSYUUTBU
JTTVFT XJMM CF DPWFSFE NPSF DPNQSFIFOTJWFMZ JO UIF QSPQ

4.2 Boundary issues affecting a broad spectrum of occupations

/ 0 "

0DDVQBUJPOBM DMBTTJmDBUJPOTBMM OEEUFJmPODFBMDBDVQBUJPOBM
occupational groups by reference to the most common combinations of tasks and duties.
Problems may arise therefore when, in the case of some jobs, the range of tasks and duties
QFSGPSNFE EPFT OPU DPSSFTQPOE FDYMBUTMZmUDPBUJPPTF T*QOFDTJmDFE
BQQMJDBUJPO PG UIF GPMMPXJOGH QSSVFMDFTEFJOTDTFVHHJHWFFTQUFCEFMPX
JNQMFNFOUJOH *4$0 BOE SFMBUFE DMBTTJmDBUJPOT

B *O DBTFT XIFSF UIF UBTLT BOEVTEVBUJNFZ PQCFUSBGOESEN FUESBVF
EJ FSFOU MFWFMT PG USBJOJOH BOEJmFQFJSOJFBDDPSKEBCCTD FIRVUIE
UIPTF UBTLT BOE EVUJFT XIJDI SFRTVJSFSUJFTJHEDTUHBEDUF MBWKFMC PXGIJ
DPOTJTUT PG ESJWJOH B WBO MPBEOGHHBPEETVOZMPBGEEOTHPJUMEOE
CF DMBTTJmFE JO 6OJU (SPVQ $BS 5BYJ BOE 7BO %SJWFS
C *O DBTFT XIFSF UIF UBTLT BOSFEVUJFTB HBFSTF PDGP OUOF DQUSPEE VXD
and distribution of goods process, tasks and duties related to the production stage should
UBLF QSJPSJUZ PWFS BTTPDJBUFE PCTBTMFTVBOBTNBSLFTJOHMEPGFE
TBNF HPPET UIFJS USBOTQPSUBUJPO DPSJEOF QBOE-BHFFTNFO'UPSPGYUI
ample, a baker who bakes bread and pastries and also sells these products should not be
DMBTTJmFE BT B TBMFTQFSTPO CVU0BT BUFCSBNLFS 6XOIJDI (NSPBVQT J
#BLFST 1BTUSZ DPPLT BOE $POGFDUJPOFSZ .BLFST

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*G UIFSF JT B OFFE UP EJTUJOHVJTI TBDDMBSTBUmFMZ JCOFU4XCFNBRDBSV(SBVQP 4VCTJT
'BSNFST 'JTIFST)VOUFST BOE (BUIFSFST MSUVSBOE PCUISFSTTULSZMBHE BHTSFSZ XPSLFST
RVFTUJPO PO TVCTJTUFODF BDUJWJUZ NBZ BMTP CF BEWJTBCMF

D 8IFSF UIF UBTLT BOE EVUJFT QFSGPSNFE CZ TJNJMBS PDDVQBUJPOT BSF DMBTTJmFE UPHFUIFS
of production, jobs should be classi ed according to the predominant tasks performed. For
FYBNQMF B imSF EPPS JOTUBMMFS w IBOHT BOE TBXT TUFFM CFBNT BOE EmJUJOH EPPST
and also install and connect electrical wiring systems so that the door will close automat-
JDBMMZ JO UIF FWFOU PG B mSF BSMFBTSTNL J*NOMUJDTPUIBS UBTLT BSF SFMBUFE UP DBSQFOUSZ
and as an electrician, but the most time-consuming part of the work relates to carpentry.
*U TIPVME UIFSFGPSF CF DMBTTJmFE BOE6GJPUQSFSVTQ SBU$BSQFOUFS
JO 6OJU (SPVQ #VJMEJOH BOE 3FMBUFE &MFDUSJDJBOT

,

*O *4$0 BQQSFOUJDFT BOE USBJOFFTUBFSPDDVQBUJPOT BSF DMBTTJmFE UP UIF TBNF
training for, if they are employed in the capacity of apprentice or trainee.

5IF *4$0 JOUSPEVDUJPO Q UTFT BUUBDIFE FiTQFDJmDBUJPOT UP EFTDSJCF UIF UBTLT BOE
cording to the tasks and duties actually performed, and not, as is the case with some occupa-
UJPOBM DMBTTJmDBUJPOT BDDPSEJOH UP DPNQMFUFOFTT BOE TQFDJBMJTBUJPO
IPXFWFS QFSGPSN UIF TBNF UBTLT JO EJGGFSFOU XBZT BOE FNQMPZ TQFDJBMJTFE
VOEFS WBSZJOH EFHSFFT PG TVQFSWJTJPO WJMMFTFQBSBUFMZ JEFOUJGZ UIPTF
cient detail to allow us to determine whether the apprentice performs the same tasks or dif-
ferent tasks from those performed in the occupation for which he or she is training.

*4$0 UIFSFGPSF DMBTTJmFTUXPEJTUJODUJWFTUSBUBT BSF DSFBUFE XIFSF
JOTUSVDUT UIFN JO BO PDDVQBUJPO DMBTTJmFE BUUIFJS IJHIFTU MFWFM
DBSQFOUFST BOE BQQSFOUJDF FmMFE EBUBTFUT JDBMJTBQQFBS UP HFOFSBMMZ
DJBOT .FDJDBM BOE MFHBM JOUFSQSFUFST PSBMTP IBWF KPCT JO B SFMBUFE PDDVQBUJPOBM
BMTP IBWF KPCT JO B SFMBUFE PDDVQBUJPOBM HSPVQ *G JOGPSNBUJPO BCPVU BQQSFOUJDFT
SFRVJSFE UP CF QFSGPSNFE TVDI BT GXPIS OF YNBFNEQMBMP ZT
as ward attendants, medical assistants or legal clerks.

*U TIPVME BMTP CF OPUFE UIBU EJSFDUPQOFTOGTSFRJVCF-OTUBMZJEFRUJODFBUM D
UBJO JOGPSNBUJPO BCPVU BQQSEOdDDRVFSTUUJSPBOTO BTFT UBBFUFV
JEFOUJGZ UIJT HSPVQ *G JOGPSNBUUBUBCTPVUT BSQFQRSVFJOSUFJED FJRUS NUB
NPSF F FDUJWF UP USFBU UIJT BTBBUFFRQVBFSTBUUJP OWBSSBUBDFMSF UXBJOU IU
tempt to identify apprentices and trainees as separate occupations in a national occupation
classi cation.

4.3 Managers, supervisors and operators of businesses

! "

5IF EJTUJODUJPO CFUXFFO NBOBHFSTVQFSWJTPST BOE PQFSBUPST JT
QSPCMFN FYJTUFE JO *4$0 CVU JT IJHIMJHIUFE VQEFS*4$0 P DXDIFSQB
UJPOT BSF JEFOUJmFE TFQBSBUFMZ JGTFP N5UFFD SJDUDJDQBBU JEPJOFSUFDZFT
UIBU TVQFSWJTPST BSF SFTQPOTJCMFUPJGFTM ZPGGPSITFSQXPSWFJSTTJPXOIPS
UIPTF DMBTTJmFE JO .BKPS (SPVQ .BOBHFSWHJFUSZT GEPVSFUPHWFPSQBFMSVBSFF Q
a business or an organizational unit.

#PUI NBOBHFST BOE TVQFSWJTPSTUSQPNBBDOEPFSJHSBFDJU[FUIDXPPS
EPOF CZ PUIFST *O BEEJUJPO NBOBHFSGSFSVBVOBEMNBZLFBEWFDSTFJTRQOPTBJCP
B UIF PWFSBMM TUSBUFHJD BOTET PQFSSEHUBJOPJQEBUJEEJBSMF DVOJUO
FYBNQMF BCPVU UIF LJOET RVBOUJUPZEVBDIEERVBMJUZ PG HPPET UP

Where students are undertaking work practice not as part of an employment arrangement, they are not classi-
mFE BDDPSEJOH UP FDPOPNJD BDUJWSJUZFTSUBUVT IBT UFNQJMZZXEVNBEEUIFSFGPSF OPU
CF DMBTTJmFE CZ PDDVQBUJPO "T UNPTO TJUUVEBUVDBOJNPBZBMQSSBEHSNBXNDPTNGPS QBS
PDDVQBUJPOBM HSPVQT DBSF TIPVMEVCUFZUBULEFOVTPXDHEDDLPFODTPGEPSNJO HBDDVQBUJ
TVDI BT iTUVEFOU UFBDIFSw PS iQVDQUJMPOTVSTEw JO TUBUJTUJDBM DPMMF

C CVEHFUT IPX NVDI NPOFZ JT UPTCFBOTEQFOU BOE GPS XIBU QV
D UIF TFMFDUJPO BQQPJOUNFOU BOE EJTNJTTBM PG TUB

*U JT OPU B OFDFTTBSZ DPOEJUJPOM JUUFSUGRNSB OBEMHMF SJTJSBFW PGSFTUQ
BOE PQFSBUJPOBM EJSFDUJPO CVEHTFUBTM BSDIEF TEUFBHSTFF MPFGDUBJVPUPCBPNEZ
UIFZ FYFSDJTF NBZ BMTP WBSZ

4VQFSWJTPST NBZ QSPWJEF BEWPJDD EJBFTOE NBFTUUTFSBF OEFQUFPDJNBBM
JO SFMBUJPO UP TUB TFMFDUJPO BUOPFSEUJZNUJFTMBEML FCEVFUDJEPJPEOTU ISBWF
VTVBMMZ IBWF FYQFSJFODF BT XPSLJPSOTT JUCIFZOTFVQFSSNVPJSTF PBGOEUIEF
OPU VTVBMMZ TVQFSWJTF UIF BDUJWEJFUJSFBTOPHG PXBSPLDESTVQFNUQUMPPZTFE J

.BOBHFST EP OPU OFDFTTBSJMZ LGOBXMIPPXGUUPIFQFSBPSNQUMFZXE
JO UIF VOJUT UIFZ NBOBHF BMUIPVBHZI JTO JTPNGFSEBSVDOVMZBUOEFFD
UIBU NBOBHFST QMBO DPPSEJOBUFSBEETDFPNQUSPZMFEIJFOBBUXJWEFUSBFO
of occupations.

! " &

4FMG FNQMPZFE XPSLFST XIP PQFSBJUOFEUQFFJOSEPXOUMCZVTPJSOXTUUIFB
TJTUBODF GSPN B TNBMM OVNCFS PG NBOBHFSHTFNGFSOFURVBFOEUBMEZNQEOSGPS
USBUJWF UBTLT BT QBSU PG UIFJS OXPSLNBEVSBDPUOJWZJUZMB*TOTJnSFE JOTVE
(SPVQ .BOBHFST JG UIFSF JT FWJEFOHODTVQFSBWJNTBJOPBHHFOFTOUB JOTDN
NBKPS DPNQPOFOU PG UIF XPSL QFSGPSNEMFE N'PSBIBYBNQXMF PBXONTPUPS
and operates his or her own workshop and employs a small number of other mechanics, a
SFDFQUJPOJTU BOE B DMFBOFS OVUWTFQJFDOMEFTT NBPTEUPSGTVQFSWJJNT
UIF XPSL PG UIF PUIFS NFDIBOJDT JT DPNUBFTSJnFEDMF6OEDI(BSOPJVDQT
and Repairers.

*U JT JNQPSUBOU UP OPUF UIBUE#SFOT OPMJULBFLJFUJTOQUSFDEFOTFJTEPSSB
whether a worker is a working proprietor or not, as this and similar attributes of the labour
GPSDF TVDI BT CFJOH BO FNQMPZFSF NPQSMBZDNFONQMBDEZEFGPUSEnFF
tasks and duties of the worker. It is better therefore to treat this characteristic of jobs as a sep-
BSBUF WBSJBCMF DMBTTJmFE BDDEDSE JOHFUSPOBUJMGBTMJ$MDBTUJPnODTV
PG 4UBUVT JO &NQMPnZmentDonFatDu relatedtd& status in employment should not
HFOFSBMMZ CF UBLFO JOUP DPOTJEFSBDJEDHPS JBFTTJSHCFJGBDKUPCTB U
B XPSLFS JT GPS FYBNQMF BO PPXSOFTSFPJGT UFINFQCMVPTZJFOEFTNTBZJOBX
little or no relationship to the kind of work performed.

"

5IFSF JT BO FWJEFOU SFMBUJPOSHFBJQJ[BFUUXPFOOUXFHJTDJI[EBPXGPSUIFSP
FNQMPZFE BOE DBUFHPSJFT JO *4$0 YBSNFQMBFU FUEIPUPF NPEDODBVHQFBNUFJOPUT
DMBTTJmFE JO .JOPS (SPVQ .BOYBHJWOFT%BJSSFF DVUPVSBTMMØETSOJ
NBOBHFST JO PSHBOJ[BUJPOT UIBU BSSDFIZMBSGHNFBFOOBPHMFHSITUP4JNBJWFBSMJ
NPTU PDDVQBUJPOT DMBTTJmFE JO 4YEUNBBJKMPSBQOEPVOQUIFS)P4TFQSJWUJBDM
.BOBHFST BSF UIF NBOBHFST PG SFMUBUEJPVFOMPZUTMBMBMMPMSZHBOVJ[BUIJI
BSDIJFT PG NBOBHFST 8PSLFST DMBNTJOJmFUESJBOJ-J4WFC ENOBEK P$SPN(S
NFSDJBM .BOBHFST BOE 1SPEVDUJPOBBHOFS4QNFBZBOMF[IFEN(4MSPVZFDE
JO MBSHF IJFSBSDIJDBM PSHBOJQEJUEUPJDPTOPSUJBOU SQFSMPBWUJJEWFFTMQZFTDN
TFSWJDFT UP PUIFS PSHBOJ[BUJPOT

%FTQJUF UIFTF SFMBUJPOTIJQTUJFOBSSBNBUJ[BPUJBBCPVUXUJDFITBJQFJO
EJWJEVBM NBOBHFS JT FNQMPZFE JJTPOPUBCHFVOFSJBMMZTJFBMQVSBPQUSJBP

4FF *-0 $VSSFOU HVJEFMJOFT PDCWUJPOSUGS4CBUJVTOBJMO$&NBQTMJmZNFOU DBO
PO UIF *-0 XFCTJUF BU IUUQ XXEXBUBEBPTFHTHUMEPUCJETMJDUBRUWJFSJWDFXBBCCEE UPQJD
FNQMPZNFOU DVSSFOU HVJEFMJOFT MBOH FO JOEFY IUN

*4$0 DPEF 5IJT JT CFDBVTF *4$0 .BKPSDPSSFVQH UP HSVHOEDOUJ[FO B specialization and not according to the size of the organization managed.

"MUIPVHI NPTU TIPQ NBOBHFST GGPFSSFSYBMMQUJFWBMSZ TNBQMPMOFTJUBM ments, the managers of large supermarkets and department stores are still shop managers.
5IFZ BSF DMBTTJmFE XJUI PUIFS TIPQ 3FBUBJMFSTOEJ8IPMJFUBQSBEV .BOBHFST 5BLJOH BOPUIFS FYBNQMFJFUGFFLIFZDVDUBWBUDUEMJTTUJJDmTF .JOPS (SPVQ BSF UIBU UIFZ DPPSUEJFOTBUPG BPQUEFSJNBDUBHUFSTBXDIUPJ IBWF B SBOHF PG TQFDJBMJ[FE GBVCPDBUSJEPDG EBSFD UPSUT USIEZ JST SFTVMU QSJNBSJMZ PG UIF XBZ JO XFJDG NUBGBPHSFNBOU[BOEPHOWF SBOHFE BOE SFnFDUT UIF DPNQMFOYJUBZTPNGVDIFBPSJHUBTOJ[BFUJPO T

192. It is therefore not recommended to use information about the size of the organization in XIJDI B XPSLFS JT FNQMPZFE NFBTVSFZEFJFOT UPS SUNTSPDGWOFVSN CFSS BPGPF UIF OVNCFS PG TUB TVQFSWJTFE DM MBEJT JFnSFE UJOB UFFCE JU XFSHF TVC NBKPS HSPVQT PG .BKPS (SPVQ 4JSNHUBMBS[MBZU JJPOG PTSJN[BUJPOV OPU CF VTFE UP EJ FSFOUJBUF NBOBHFJFSS TGSFTNDMQBFTSTBUnFSET JPG PTUN NBKPS HSPVQT 5IF NPTU SFMJBCMF JXGBZT UBUNJBTLFJDBFMT FB GEET BEONDO JI UJWF DPMMFDUJPOT JT MJLFMZ UPPUCIFUUP PDPMWQFBUJP OGPSSKBC JUPJOU the main tasks or duties performed.

4.4 Related occupations at different skill levels

1

5IFSF BSF NBOZ DBTFT JO CPUI *4$0 DVQBOEP*4$0 UIBUXBSSFF SF MB UJWFMZ TJNJMBS JO UFSNT PG BDTMQBFTDTUTmPG JTO JEVMF STRQCFUD JNBBMKP[SB UHJS CFDBVTF PG EJ FSFODFT JO TL JFNUMFMGWTFVDI PDJDWQUBUJPO TE JBTS GSFRVFOUMZ DMFBS DVU BOE XF MKMFSVE EDFSSTFU PDFFE E UIEPS FCBSUF BTI UP FOTVSF UIBU TQFDJmD PDDVQBEUJPOBSM NSPQVEET EQQOUSIFQSOJBBUJP UP *4$0 DBUFHPSJFT *O HFOFSBMME UCIF KGQPMMWJFFXEJ OH NQESLJJODHJQEM TJPOS BCPVU XIFSF JO *4$0 UP DMBXTJTJUG ZS FQTBQSFUDJUD VUMPBS LPJDMDW QMBFU

B %FDJTJPOT TIPVME CF NBEF PQFUSIGFPSCNBFTEJ TSBGIEUSFU UBBOT IPTO UIF MFWFM PG RVBMJmDBUJPOT SFRPVSUFIE JFCY UBF QB SUUPJDXVJMDBISUDIP V PDDVQBUJPOT DPODFSOFE BSE GPSNQVMZPSOFTHVMBUFEO WOP MWJF XQ GPSNBODF PG UIF TBNF UBTLT BSE BMXBZSTPVDQMBSTHEJBSFEMJFOT TUPFG TI EJ FSFODFT JO OBUJPOBM USBJOJOH PS SFHVMBUJPO

C 5IF BDUVBM RVBMJmDBUJPOT IDFWMEBSZKPUCFTQPVSMTEPOPIUPMCE JUOBHL into consideration.

D +PCT IFME CZ FYQFSJFODFE PS IDHMIBMZTRMBEJJnOFEIJFOTEBJMJFHVSBPWTQ UIPTF IFME CZ MFTT XFMM RVBMJmFGPJSONEJWJEESVBMFTT XFFOOU UBFMMZT TBNF FWFO UIPVHI UIF NPSF RVBMJmFESGOSNWJUESVFBMJ INBMUPNSFU DPNQMFY UBTLT 'PS FYBNQMF NBTTUKSODJBS QDFBSJUQFSOTUFTFTO JBF apprentice carpenters, who build structures using wood and other materials, are all clas- TJmFE JO 6OJU (SPVQ $BSQFOUFSEFUBSFSENJPJFEFSOT U4HEJMBMTMTFW UIF SFRVJSFNFOUT GPS FOUSZ MFWFM KPCT GPS GVMMZ RVBMJmF

5IF CPVOEBSJFT CFUXFFO PDDVQBUQJPO&MDFMNBFTOTUJBmSFZE 0JDOD VBQKBPS (UJPOT BOE UIPTF UIBU BSF SFMBUPFOECJVOU UDFMSENTTTJPnGFTELJOMMBKPSSDQSFDSBMQ BOE NBZ DBVTF QVBSMUJZDXIMFBSPEJD VDQBBUJPGBSSJNUNBFOTEwVDPOTUSVD UJPO XPSLFSw iQSPDFTT XPSLFSwF PSOiFGSBBMUQPSJZOOXJPQSMLF SJwP B BEPQUFE JT UIBU PDDVQBUJPOT DMBZTJJOnWFEMJVOF .BKPSQF(SBVPQNBUOZDQFJ TJNQMF BOE SPVUJOF NBOVBM BOE PQEZUSBBOMJOBTBLOTEUOBPUNSPSRFVJSBFO basic skills in numeracy, literacy and interpersonal communication. Whilst the operation of DPNQMFY NBDIJOFSZ JT OPU JOWPMWBMEU PUPIMTVNBZP GFBSOFR VF SM

8IFSF CPVOEBSZ JTTVFT BSF PTGBSQB SQUSJPDVJEBES JDDPUOIDFGSPU F JODMVEFE XJUI UIF *4$0 HSPVQ EFmJOJOU JPJOUMF&TYJBNDQWVEFEFEGJO DFDBV

HSPVQ BSF BMTP HJWFO 8IFSF JU JT PLSO PX XKDJ MBX SFWFSSN TU BBSUF UVITFFTEBJ
EJ FSFOU DPVOUSJFT UP SFGFS UP PUDPDVDQVBQUBEOPTODIMSBFTVQmFEIJFOTFEUFS
IBWF OPU HFOFSBMMZ CFFO MJTDDBEVQJBOUJFPJOmEXBoSuJHO NUJFU PG JO
cupational titles *4$0 7PMVNF *O UIFTF BOE PQUFFS DBTFT NEBFEJTJPOT
JO UIF OBUJPOBM DPOUFYU CBTFNEFEO 5UIFF FOYBUNQSMFF PGEJUTD VXTPTSF
CFMPX NBZ SFRVJSF QBSUJDVMBS BBUUFUUFIOFUQPJDOEBTO EN BNEBFZ BTOFPSWWFF U

2 " # 0

0DDVQBUJPOT XIPTF UJUMFT DPOUBJHOw UNIB ZX PCSFE GOPWSOTEFwJ OS6 iOOJ
(SPVQT /VSTJOH 1SPGFTTJPOBMSTPGEETJPOB/MSTTJBOTHX'FTMTMP DE
.JOPS (SPVQ 1FSTPOBM $BSF 8PSLFST JO)FBMUI 4FSWJDFT

5IF CPVOEBSJFT CFUXFFO UIFTF GHSSVQTNJFOE UBFSSFNEFFmOJUEFJOBUJLF
group de nitions and associated notes. In summary, nursing professionals assume responsi-
bility for the planning and management of the care of patients, working autonomously or in
UFBNT XJUI NFEJDBM EPDUPST BOE PUIFSBTMT/VQSSTPJWOJHEBTCTBPTDJDBOVSQTS
BOE QFSTPOBM DBSF BOE HFOFSBMMOZTXVRQSQLPSUOEEFGSNUHEJTDVBQMFSOWJSTTJF
PS PUIFS IFBMUI QSPGFTTJPOBMT 1SSTSFOEBMMDBSSFBXOESBFSTJTQUSBFOVDJFE
NPCJMJUZ BOE BDUJWJUJFT PG EBJMOZHMDJBWSJFOGHFCZPOEEBTOTPJUUQJSOHWQBEJ
with oral medications and changing dressings.

0DDVQBUJPOBM UJUMFT TVDI BOTViSOTMFSwTJiODHBTSJHTFUOSVSTFSwFHIFTOUSPSMF
OVSTFw iBTTJTUBOU OVSTFw iOVSFwOBHOBETiTOJVTSJTBFOUBVEFBVOYEMEBUSPS
CF NBQQFE UP UIF BQQSPQSJBUF *4$0 BTEVPOJUUIFSVPTVBQHFPSGN J
UIFTF UFSNT JO UIF OBUJPOBM DPOVQQBYUJPOMUUIPWFHT BSBNFMPGUEEFJ
*4$0 HSPVQ EFmOJUJPOT BOE JOEFVYDIUUFJTMFQFNBGZ QVSBSDZJOFFUOXF
DPVOUSJFT BOE XJUIJO DPVOUSJFTFOWSS UUJRFD P*OTJUTEFSFDUFTTBSZIL
workers in jobs with these titles are competent or authorized to perform in the national con-
UFYU BOE UP DPNQBSF UIFTF UBTLT XHJSPVQPTEFmOJUJPOTO UIFF P4S
UP EFUFSNJOF XIFSF JO UIF DMBTTJmFD B*OJPOJTFBXDBIZUBJM MFSXM
UFSNT DBO CF BQQSPQSJBUFMZ JODMVEFBEJPOBMF UOJBUJPTOBM JOEFY

- $ 0

0DDVQBUJPOT JOWPMWFE JO UIF FDOBSCFFMOEXE QSVNFBMSPZQNTEOPUPPMGBDHI
NBZ CF DMBTTJmFD JO 6OJU (SPVQ &BSIMMES ISJBMSEFPSPES L&FESVTD BUP
PS 5FBDIFST "JEFT

+PCT DMBTTJmFD JO 6OJU (SPVQE JOEUIFSPUGISFSNUXPPVTEJJUOEMRVEQT
JO UIBU UIFZ QMBO PSHBOJ[F BOEJWEPOJEFVTDUIEFUEVBSSEUJJOPUCFOMEFE
QSPNPUF UIF EFWFMPQNFOU PG DIJMENEOPYCFMPX JQTSJDNPBUSZETMDJPMM
UP DPOTJEFS UIF GPSNBM RVBMJmDPBUMJPOCTFIOMEFGEZUJHBEUJWFSEUBBMSTZ JRU
mDBUJPOT JO FEVDBUJPO BOE FBSMZ DMMXES IPRVEJSFWFMPQNFOU BSF

$IJME DBSF XPSLFST QSPWJEF DBSF 5BFOBED TFVSQTFSBWJEFJTPQFGSRGSPSDN
TJNJMBS EVUJFT BOE BMTP QFSGPSNVBJSFBOUHFBPTGTJPTUUFUSFOEDOJOHBTDU
Neither of these two groups generally plans and organizes structured play or educational
BDUJWJUJFT BMUIPVHI UIFZ NBZ BBTDTUTJWJJOJFUTF QSPWJTJPO PG UIF

) & & $&

5IF EJTUJODUJPO CFUXFFO PDQDVQBUSSIBEJTUJDMOBTMTBOEE J
$PNQMFNFOUBSZ .FEJDJOF 1SPGFTTJPOBMSBMQMEONEOUBSSZS BFEJJDJPOFBM
"TTPDJBUF 1SPGFTTJPOBMT IBT UIEFQSPWJEFDOUJZMFUTRQECEJBBMMMVZSJDGEOE
XIFSF UIJT UZQF PG QSBDUJDF JTSVWEDFQOSSRUWEGJNOBJOTUSBN IF

" LFZ QPJOU JT UIBU USBEJUJPOBM BQDSEPGFNTQJMFONBFMOTUBSSVWFNMEQDBJODEJNQI
ment treatment plans for human ailments by applying knowledge, skills and practices for which

DPNQFUFOU QFSGPSNBODF SFRVJSFJTF GFTYUBFOEETFJWQFFSUJVFEZFPTGPSUJHFJSOJBF
JO TQFDJmD DVSUVSFT 5IPTF PDEDWQFBTUJFPYOUFOXTIPVTF VQOSEBFSTUUJBOE
CBTFE PO SFMBUJWFMZ TIPSU QFSPJOPEBTOEPGUSGBPJSONJBOMH PSSJGOGRSYNSM
formally through the traditions and practices of the communities where they originated, are in-
DMVEFE JO 6OJU (SPVQ 5SBEJUJPOBM 'TBTOPED JSBPWQNSNGEUBJSZOBFME

" DPNQSFIFOTJWF MJTU PG UIF PDDDBVDQBPUGPUOBFMFUHSMVFQTJOTDMZ
DMVEFE JO UIF VOJU HSPVQ EFmOeUoJoPQTaBnEtleSBWUBIFMB4CSMF
PO UIF *4$0 XFCTJUF $BSE TIPVME UCJFOHBLIFOTFIPXEWQBUJPOJBMUS
JO OBUJPOBM DPOUFYUT BT UIF TPUQBFTPG QQFSSBGDRUSJNFEBCZE JOBEUJWSJE
VTJOH UIFTF BOE TJNJMBS PDDVQBUJUPO DUFVOMUFSTZNBZ WBSIZ DSVPOUDSPV
UIFSF NBZ CF B MJNJUFE GSBNFXPSBLUJGPOST UJDF USIFDmPHMOEJUPGPDPRNQM
mentary medicine, or the regulatory framework may not allow the performance of certain
UBTLT "T XJUI PUIFS PDDVQBUJPOBMOHUSPVQTFTUXUPFHESJPTVQJTDTUPJVMECE
made on the basis of the tasks performed in these occupations in the national setting, rather
UIBO PO UIF RVBMJmDBUJPOT IFME NZBZJCEFJWQEVSBMQTJPSFFVBNQMMT
practitioners who administer treatments within the framework of a treatment plan established
CZ PUIFST JO 6OJU (SPVQ SBUIFS UIBO JO 6OJU (SPVQ

/

0DDVQBUJPOT UIBU NBJOMZ JOWPMWFFQUSIFTEQSEQEBSBOJPG GBPTEFN
JNNFEJBUF DPOTVNQUJPO NBZ CF DMBTTJJmFEBTJJOFDQFOEFOU PG UIF GPMMI

3434 Chefs
5120 Cooks
9411 Fast Food Preparers
9412 Kitchen Helpers

*O EFUFSNJOJOH UIF CPVOEBSJFTMPCXJUOHFQOPJUOFUTFBHSSFPVQTQBSF
UJDVMBS SFMFWBODF

B $IFGT DMBTTJmFE JO 6OJU (SPVQFT BOEMMBEOBVOTE EFSWFBNJFQESJFD
BOE PWFSTFF UIF QMBOOJOH PSHBOJPBGJNPOBMQTSFQBSBUJPO BOE

C 8IJMTU DPPLT DMBTTJmFE JO 6OJUQS(FSQBVSQF BOEQMDBPOLPSHSEO[
PG EJTIFT UIFZ EP TP BDDPSEJOH UTPJSGDPJQFDTIPS TVOEIFFSZ UEP TDVPO
HFOFSBMMZ EFWFMPQ NFOVT PS DSFBUF OFX EJTIFT

D 'BTU GPPE QSFQBSFST DMBTTJmFE JOEFOTJVQ(SPVQ UP DNPBJLTMZIQGSFWBJO
range PG GPPET PS CFWFSBHFT JOWPMWEJOBH TTNJBNQMFOVQSCFQSBSB
PG JOHSEJFOUT 5IF LFZ QPJOU JWFSUBEHUFTUGFZSQXSIFDIBSYUGPPFEW
USBJOJOH JO GPPE QSFQBSBUJPO JT OPU SFRVJSFE

E ,JUDIFO IFMQFST DMBTTJmFE JOEGOTJVQ(SPVQ UP DNPBJLTMZIQGSFWBJO
XBJUFST CZ LFFQJOH LJUDIFOT BOEEGZPBEETBSTWJJDEJBOSHFBKTUDIMCBTJ
food preparation tasks.

F +PCT UIBU DPNCJOF TJNQMF QSFQBSBUJPOMFPSNFPGU GPGPEMXJJFUUBTTJSHV
TIPVME OPSNBMMZ CF DMBTTJmFE TJOBTPBQFQSGPUSJFBGPMMPXJOH

5131 Waiters
5212 Street Food Salespersons
5246 Food Service Counter Attendants

*O UIJT DBTF UIF IJHIFS MFWFWJDFGUBLJFMQSFDRFVEJSDFEF GPWSD
TJNQMF GPPE QSFQBSBUJPO UBTLTQFJDOJmFJEEXJTUFIQSPSJUZBGSVMF
G $IFGT BOE DPPLT XIP QSFQBSF NPSFWJDEFNGNSFYDEUJTTFSTWBJOE BJE
clients should be classi ed as chefs or cooks, in line with priority rule (b) speci ed in sec-
UJPO BCPWF

"MUIPVHI UIF CPVOEBSJFT CFUXFFODMFBTF DHPSOPDVRQTUBSBMMEMBUJN
be more di cult in practice to establish national rules on how to classify particular jobs based
on limited information, such as the occupation title and a short task description. Occupation

UJUMFT MJLF iDIFGw BOE iIFBE DPPLw DPNCJOFE XJUI
Chefs. 5IF UFSN iDPPLw XJUIPVU GVSUIFS RVBMJGJFST JT DPNNPOMZ VTFE BT B TJNQMF QSFEJDBUF UP $PPLT

8IFO UIF UZQF PG GPPE DPPLFE JT TQFDJGJFE JO UIF UJUMF PG BO PDDVQBUJPOBM HSPVQ PS JO UIF EFTDSJQUJPO PG UIF UBTLT JU JT OPSNBMMZ DPNCJOFE XJUI B TJNQMF QSFEJDBUF UP 'PS FYBNQMF DPPLT JO SFTUBVSBOUT PS GBTU GPPE PQFSBUJPOT NBZ CF EFTDSJCFE BT DPPLJOH GPS GBTU GPPE PS 'PS FYBNQMF DPPLT JO IPUFMT PS SFTUBVSBOUT NBZ CF EFTDSJCFE BT DPPLJOH GPS SFTUBVSBOU PS DBGFUFSJB
chains, specializing in hamburgers or fried chicken, as fast food preparers.

5IFTF DPPLT XIP UQFDJBMJ[F JO PCUBJOJOH DVTUPNFST TQFDJBM SFRVFTUT BOE BMM DPPLT XIP QSFQBSF SFHJPOBM DVJTJOF BOE HFOFSBMMZ QSFQBSF B XJEF SBOHF PG EJTIFT TIPVME CF DMBTTJ FE JO
(SPVQ $PPLT FWFO JG UIF GPPE QSFQBSFE JT CBTJDBMMZ TUBOEBSEJ[FE GBTU GPPE

& &

%PNFTUJD)PVTFLFFQFST DMBTTJ FE JO 6OJU (SPVQ PNNPO UBTLT JODMVEF DMFBOJOH BOE NBJOUFOBODF PG EXFMMJOHT TIPQT PGGJDFT BOE PUIFS QVCMJD PS QSJWBUF CVJMEJOHT IPUFMT BOE TJNJMBS FTUBCMJTINFOUT TVDI BT DBGFUFSJBT BOE SFTUBVSBOUT
UJPOT UIFNTFMWFT %PNFTUJD DMFBOFST BOE IPVTFLFFQFST BSF SFTQPOTJCMF GPS UIF DMFBOJOH PG EXFMMJOHT PS PUIFS QSFNJTFT TVDI BT IPUFMT PS PGGJDFT 5IJT JODMVEFT UIF TVQFSWJTJPO FJUIFS PG BO FNQMPZFS PG UIF IPVTFIPME PS PG BOPUIFS QFSTPO PG UIF IPVTFIPME XIP UBLFT SFTQPOTJCJMJUZ GPS UIF PSHBOJ[BUJPO PG IPVTFLFFQJOH GVODUJPOT
of the household who takes responsibility for the organization of housekeeping functions.

4.5 Boundaries between occupational groups in agriculture, forestry and fisheries

211. In classifying occupations in agriculture, forestry and sheries, particular attention may
OFFE UP CF QBJE UP UIF CPVOEBSJFT CFUXFFO UIF GPMMPXJOH HS
BHSJDVMUVSBM QSPEVDUJPO NBOBHFST GBSNFST BOE GBSN N
NJYFE QSPEVDFST PG CPUI DSPQT BOE FBSOJOHT GSPN TJNQMF NBSLFU PSJFOUFE GBSNJOH BOE TVCTJTUFODF BDUJWJUJFT TVDI BT HBUIFSFST BOE UIPTF DMBTTJmFE JO 4VC NBKPS (SPVQ)V4VCTUBOUJBM BHSJDVMUVSBM QSPEVDFST
(BUIFSFST BOE UIPTF DMBTTJmFE JO SIFQIFSIPMEBQSTL FUBPOSEFOUFEw 4V
TLJMMFE BHSJDVMUVSBM GPSFTUBUIKEZSB(OSIEVQTIFBSDIE XIFBSLFST
CPVSFST DMBTTJmFE JO .BKPS (SPVQ &MFNFOUBSZ 0DDVQBUJ

," & " # & && "

.JOPS (SPVQ 1SPEVDUJPO .BOVBMMZ IBSWFTUJOH'SHJSTJDJVTMSUFV S
stricted to those who manage production in large-scale agricultural, horticultural, forestry,
BRVBDVMUVSF BOE mTIFSZ PQFSBUJPOTTMBSHFSFPQQMFBSOBUUBDIFDOFOXTPVNMEES
SBODIFT DPMMFDUJWF GBSNT BOE SFQSFTFOUBUJWFT PG GBSNFST BSE DPPQFSBUJWFT
managers and the production manager reports to a managing director.

i'BSNFSTw PO UIF PUIFS IBOE HSPXPSSXOBOBHFSZN PXIOFZB QUESPQSJFUPST BU
a range of management tasks as well as tasks directly associated with agricultural produc-
UJPO 5IFZ BSF DMBTTJmFE JO UIF BQQSPQSJBUF NBJOHSPVQT PG "HSJDVMUVSBM
Forestry and Fishery Workers, depending on the type of farm they operate.

8IJMTU UIF EJTUJODUJPO CFUXFFO GVMM UJNF FNQMPZNFOU BOE QBSU UJNF FNQMPZNFOU JT OPU BMXBZT DMFBS DBTFT NBZ CF EJDVMU JO QSBDUJDF UP EFUFSNJOF XIFUIFS B QFSTPO JT FNQMPZFE PO B GVMM UJNF PS QBSU UJNF CBTJT
NBOBHFSw TIPVME CF DMBTTJmFE JO .BKPS (SPVQT NPSF BZ.BKPS (SPV

*O TPNF DPVOUFYUT UFSNT TVDI BT iDIFGw PS iDPPLw NBZ BMTP CF VTFE UP DPWFS TQFDJBMJTU DPPLT XIP QSFQBSF BOE DPPL GPPE GPS TQFDJBM DBUFSJOH FWFOUT BOE GVODUJPOT NBZ BGG

commonly be used in situations where the owner of a farm has engaged an employee to
PQFSBUF UIF GBSN 5IJT FNQMPZFF FTTFOUJBMMZ CFDPNFT B
BOE PQFSBUFT UIF GBSN BOE TIPVME CF SFDPHOJTFE BT B TUBOEBSE
the farmer and farm manager in such cases is primarily a function of status in employment
*-0 SBUIFS UIBO PDDVQBUJPO BTE mXOPFSEL JOEFOEOUMZ
HFOFSBMMZ SFMFWBOU GPS EFUFSNJOJOH XIFUIFS B QFSTPO
TQFDJmD KPCT TFF TFDUJPO BCPWF

5IFSF NBZ CF DBTFT IPXFWFS XIFSF B QFSTPO XPSLT
NBOBHFSw NBZ SFGFS UP UIF NBOBHFNFOU PG PUIFS
chies of managers. When this is the case, it may be necessary to consider the way in which
BHSJDVMUVSBM QSPEVDUJPO JT XJEFMZ VTFE UP
UJUMFT JO UIF OBUJPOBM DPOUFYU JO XIJDI UIFZ
of such occupation titles.

!3 &

5IF OPUFT QSPWJEFE XJUI UIF.JEYFFmEO $MBTTJmDBUJPO
1SPEVDFST TUBUF UIBU BHSJDVMUVSBM MBCPVS
BOJNBMT PS HSPXJOH DSPQT CVU BMTP NBZ
BOJNBMT SFTQFDUJWFMZ TIPVME BMTP DPNFN
CFUXFFO NJYFE QSPEVDFST BOE TQFDJBMJTU

*O TPNF DBTFT UIF PDDVQBUJPOBM UFJYUBNNFQ MFFE
B TVSWFZ RVFTUJPO PO PDDVQBUJPOUTBOEE FWFSZUIFBUUBDINFOUT
B iTIFQIFSEw JU TIPVME OPU CF OFDFTTBSZ UP
UJPO BCPVU UIF NBJO UBTLT QFSGPSNFE BOE
iGBSNFSw XIPTF NBJO UBTLT BSF iSBPJST JOEFQFOEFOUMZ
BOE XIFBU GBSNw XPVME CF DPEFE UP

*G JOGPSNBUJPO BCPVU UIF PDDVQBUJPOBM
UJPO BCPVU UIF LJOE PG FDPOPNJDJBDUJWJUZ
JT FNQMPZFE NBZ CF IFMQGVM o CVU
SFBTPOBCMF UP BTTVNF UIBU B TLJMMFE
6OJU (SPVQ -JWFTUPDL BOE %BJSZX1FSVPHFSVDUFSBTU
XPSLFST PO NJYFE GBSNT NBZ TQFDJBMJTF
GBSNT NBZ GPS FYBNQMF FNQMPZCPUI TIFQIFSET BOE USFF QSVO

*OGPSNBUJPO BCPVU UIF LJOE PG OFDFTTBSZ
XSJUUFO JOGPSNBUJPO QSPWJEFE JO FSTFUTBQCPMJTF
QFSTPO JT FNQMPZFE PS JO UIF GPSNBUJPOOBMMZ
ities. Particular care needs to be taken when using coded information on the kind of economic
BDUJWJUZ PG BHSJDVMUVSBM FTUBCMJTINFOUT
CFDBVTF QSFDFEFODF SVMFT VTFE UPWBSET
economic statistics, may not be compatible with the purposes of an occupation classi cation
CBTFE PO UIF LJOE PG XPSL QFSGPSNFE BU
UIF DVSSFOU WFSTJPO PG UIF *OUFSOBUJPOBM
"DUJWJUJFT *4*$ 3FW TQFDJmDBUJPOT
FYDFFET QFS DFOU PS NPSF PG TUBOEBSEE
JODMVEEw JO $MBTT .JYFE 'BSNJOH BOE
Q 8PSLFST XIP TQFDJBMJ[F JO TDIFEVMFE
GBSNT UIBU IBWF CFFO DMBTTJmFE UOEFS*4*$

220. Whilst it is not possible here to prescribe strict rules that could be applied in all situations
BOE OBUJPOBM DPOUFYUT JU TIPVME BMTP
UJWJUZ PG UIF FTUBCMJTINFOU TIPVME
PDDVQBUJPO UJUMF BOE UBTLT QFSGPSNFE
for performance in the job are the main consideration in determining the most appropriate
PDDVQBUJPO DPEF 5IVT JG TLJMMFE
FTTFOUJBM SFRVJSFNFOUT UIFO UIFZ

! . 0

4QFDJBM BUUFOUJPO NBZ OFFECUFRUXCFFEJTWVFCOTJUTUEOFDEJGTBSNDESUF
mTIFST BOE UIPTF XPSLJOH JO NBDSVLTFTUEPSNOFTDFUDFUEJPFOUFSBQBWF
XPSLFST TIPVME CF DMBTTJmFE JOB4SWGSNTBKJPTSF(SSTPV)QOUFS4TVCT
BOE (BUIFSFST JG UIF NBJO BJN PGIFQMSUPFESVBOEPPUJFTS UHPQESTPWR
consumption by members of the worker s own household.

*O NPTU DBTFT PG TVCTJTUFODFUPBDQUSJPWVJUEZFTBPNNFJGHPRVENPSGFDTBPT
JODPNF *G OP DBTI JODPNF PS CBSJUPFOSEPGHHJPTPETOWGPNSWPFXEOBMOTQNR
tion should be counted as employment and treated as subsistence production. Similarly, if
a large surplus is produced, and more goods are sold than consumed, but the main aim of
QSPEVDUJPO XBT GPS PXO DPOTVNQUJCPFODMBFTKJPmCFTETJEV4WEC ONFBWKP
(SPVQ +PCT TIPVME POMZ CF DMBTDTVJMhUFVESBBTM NGBPSSLIFTUUSSZJFmOTUIFSZ
IVOUJOH JG UIF NBJO BJN PG UIF BDUUJFWJNUBZSUJFUUP QSPEVDF HPPET

*O TPNF NBJOMZ JOEVTUSJBMJN[JGEH DNBVZOCUFSJSFBTSFTRVSCTFJWFUGCODPF
FYJTUFOU JO XIJDI DBTF UIFSF XPVQSPCWFJTDJPPOFFFSEFUVPFNOBUP JTQDMJ
B HSPVQ GPS TVCTJTUFODF BDUJW4USJFT J*CO ONBBJCJZCOBPWOBUESBQFUTBUJ
IPXFWFS TVCTJTUFODF GBSNJOH SVSQSMFFTNFQNUFZSNFMOBUSBHFEQUSIFQEPJST
UJODUJPO CFUXFFO NBSLFU PSJFOUFEENBQOPESUTBVCCUJGTRUSFGDXFJBFD USBWOH
of purposes associated with social, economic and labour market policies.

*O DPVOUSJFT XIFSF TFQBSBUFUKFPCD FUJXUPNSIETFSBTSBOVETFNEBSGLPFSU TPVSC
FOUFE XPSLFST UIFTF UJUMFT TIPVOMEFCFFPGGOPDDMDVEGEEUJOP QUIUFJCOMEUJPC
with the appropriate classi cation codes. Where this is not the case, it is unlikely that infor-
NBUJPO BCPVU UIF UBTLT QFSGPSNEUEPXOPVUMESEQNDPBVCJMZE JEVFDOJ
TVCTJTUFODF XPSLFST BT UIFZ IBWF NBOZPSJBFTQUTFJEOXDPSNFSTO XGU
subsistence farming is a signi cant concern, it may be necessary, therefore, to consider an
BEEJUJPOBM RVFTUJPO BTLJOH XIFUIGBSPSTBOMFU PQSSPNEBVDOUMPZOGJPTSN
PS GBNJMZ IPVTFIPME VTF 5IJT RFVYFUTUPJGPOUNIBZS GRAV FBTTULJFFEOJC
PDDVQBUJPO UJUMF BOE UBTLT PSEFDPBOTPTNPJDDJBUDUJPJOVJXUJZUBGRE FTTUJBJ
JO FNQMPZNFOU 8IFOFWFS TVDI BPRMVEFTTUSJWFDZJPTSJDDFDOMTVEEFEUJJ
important to ensure that the responses are used in the occupation coding or editing process.

4VHHFTUJPOT GPS UIF EFTJHED UBPOEVUCFTTJUTUOFHDPFG GRBVSFNTJUCJF
JODMVEFE JO $IBQUFS

&0 '! 1 4* & '! 1 5*

8PSLFST JO 4VC NBKPS (SPVQ "'HSTUFDSVZMUBVCSFBVSF'SPTFQTFUSSGZPBSONE
B MJNJUFE SBOHF PG TJNQMF BOE SMPJVUFJEFU SNBBJCOVJBOMH UPESTEYQSFFSRJVFJOSD
5IPTF DMBTTJmFE JO .BKPS (SPVQZ BQ4EEJVMTMIFSEZ"8HPSSJLDFSVTM UHVFSOBM
FSBMMZ QFSGPSN B XJEF SBOHFTPEGDEBVJSFE UUZQPDVEBMMNAZ UJFCOVV
FYQFSJFODF BOE PS USBJOJOH *U TVBMMUEBCTETONPBZFEJQUWEPUMVSVFVUIFOVF
PG NFDIBOJ[FE IBOE IFME UPPMT GRSVJXSIFEI MJNJUFE USBJOJOH JT

227. In some cases the occupation title alone may be su cient to distinguish between skilled
BOE FMFNFOUBSZ GBSN XPSLFST 'PSSFYUBINQLMFZ OPFDVDOVQTBUGBSCSNUFJSUWM
iHSPXFSw iTIFQIFSEw iQSVOFSw PS PTDIDBVSQFBSUwJPXOPTVNUEBBJMJMOVWOPEMJVDFBU
QFSGPSNBODF PG B XJEF SBOHF MPMGT USBFRVJSJRDSH DJPHOITMJZEFTSQBE
USBJOJOH PS FYQFSJFODF BOE BSF JDMMBBSTMTZmPEDJVOQBBUKJPSO (SUPVQFT
BT iGBSN MBCPVSFSw iGSVJU QJDLFBSUWF PSSPVDJBJOOF DVSUSUFFQSFwUXDJVMME U
SFRVJSJOH MJNJUFE USBJOJOH PS JOJUJBUJWF

0DDVQBUJPO UJUMFT TVDI BT iXGFBWSFNS XPNSBZFSSFwRPVSJSiFGENSPNSF
consideration, as they refer to the fact that the worker is an employee on a farm, rather than
UP UIF MFWFM PG TLJMM PS SFTQPOJTTJCJFMDJFUZTBSSFZRVUPSFDEP O*TQJETFVSD
PG UFSNJOPMPHZ JO UIF OBUJPOBM MDUPVOSEBYMU TBFOUEU JO HQTBSUPJSDVFMYBBS
UIF UFSN iTUPDL IBOEw NBZ CF VTFEBJXOPTSEPNSF XDIPVMORPSLJTFTBGUPFSSFUGIF

DBSF BOE XFMM CFJOH PG BOJNBMTOP6OBJUMJ(VSPTVQPDL GBSWFTDMBDL
BOE %BJSZ 1SPEVDFST "O iPSDIBSE IBLOFEwZ UPPXSWGSS NUPZ TOPNNPOSF
who picks fruit and performs other routine manual tasks than to someone who prunes trees,
DIFDLT DSPQT GPS EJTFBTF BOE SHTIVSBMTULZIBUOEGSQVSJPUEVCEHSWGH

5IF DPNCJOBUJPO PG PDDVQBUJPOPOUJESMRVXBMJGZBJTQHJOGGPSN
UJPO NBZ UIFSFGPSF CF VTFGVM 'PS FYBNQMFL B DEBXSZTGBVSMEXPSF
DMBTTJmE JO 6OJU (SPVQ -JWFTJUPTDLBOEBJ6SZJSZSLNPEVwSXTPX
DMFBOT BOJNBM FODMPTVSFT TIPVME -CJFVDTUBPTDLJmFSENJOB6OVSF(SPVQ
8IFSF B DPNCJOBUJPO PG UBTLT JT QOFWEMSMWFEJHOFDSMTVEJMOMTTPNFJOJ
UJWF UIFO .BKPS (SPVQ XPVME CF NPSF BQQSPQSJBUF

*U JT BMTP JNQPSUBOU UP OPUFPUITBUWITBRUNEPFNMNFPNOFMZUBSDZVPSDJV
SVSBM PS GBSN TFUUJOHT BMTP PBOEVSEJOOPUPSFBRMSJSDFVEMJUSVFSBUMJTOFWU
NFOU XJUI BOJNBMT PS DSPQT 4VDIIFWBOOVQHBSUJVPQTTPBSTFJDFM4T
NBKPS (SPVQ "HSJDVMUVSBM 'PSFTUSZBNEMJFTIESUZD-IBECJPHVSJFOSH
MBCPVSFST BSF DMBTTJmFE JO 6OJUB(CSPVSQFST BOVEVJXMB&OSHJDBSFSSJFOS
BSF DMBTTJmFE JO 6OJU (SPVQ 8BUFS BOE 'JSFXPPE $PMMFDUP

/ & $& $

'JOBMMZ JU TIPVME CF OPUFE UBIOBEU GNPSOFZTTUSJZMXMFSELBSHTSJFDQVMSUB
TQFDJBMJ[FE NBDIJOFSZ TVDI BT DUMSBTDEPSQTBSUOEPGESUFWS NPSNP
EVUJFT +PCT UIBU SFRVJSF PQFSBUBJSOHOHF NKGDPJUOFSZTLDJMNNCEDFE
XPSL BSF DMBTTJmFE JO .BKPS (SPVPQFSBEBSFTXITPVDQFEDTJBMS[WFFJT
the operation of machinery but may perform other farm or forestry duties incidentally, should
be classi ed in the appropriate unit group for the type of machinery operated. In most cases
UIJT XPVME CF 6OJU (SPVQ .PCJQMFSBUSPNSTBOE 'PSFTUSZ 1MB

5. ADAPTING ISCO-08 FOR NATIONAL USE AND FOR THE PRODUCTION OF INTERNATIONALLY COMPARABLE DATA

5.1 Scenarios for the adaptation of ISCO-08 for national use

%FQFOEJOH PO OBUJPOBM DJSDVNTUBODFT JU JT MJLFMZ EFTJSBCMF UP BEBQU *4$0 CF BEPQUFE PS BEBQUFE GPS OBUJPOBM VTF

BEPQUJOH *4$0 EJSFDUMZ GPS OBUJPOBM DPNQBSJTPOT PS UP EFWFMPQ OBUJPOBM DMBTTJmDBUJPOT CBTFE PO *4$0 BSF FYQFDUFE UP facilitate the production of internationally comparable data.

5IJT DIBQUFS QSPWJEFT HFOFSBM HVJEBODF PO UIF QSPDFTTFT JOWPMWFE JO BEBQUJOH *4$0 GPS OBUJPOBM VTF PS UP EFWFMPQ OBUJPOBM DMBTTJmDBUJPOT CBTFE PO *4$0 5IF TFDPOE TFDUJPO QSPWJEFT TQFDJmD .PSF EFUBJMFE BEWJDF FYQMBJOJOH

5IF NPTU JNQPSUBOU UBTL XIFSFF ESFWJFXFST QFFE UP BEEJUJPOBM PDDVQBUJPO UJUMFT DPEFE UP *4$0 BU UIJT FYFSDJTF JT UP BDDVSBUFMZ SFDPSE UIF TUBOEBSE PDDVQBUJPO JDOMEBFTY JmSD BBUJPOBM JOEFY NBZ CF VTFE BT CBTJT UP DSFBUF NPSF TUBOEBSE PDDVQBUJPO UJUMFT

5IF *4$0 JOEFY QSPWJEFT TPNF HVJEBODF PO UIF VTF PG UIF TUBOEBSE GPS OBUJPOBM VTF 5IF VTF PG UIF TUBOEBSE PDDVQBUJPOT JO UIF OBUJPOBM DPOUFYU JT DSJUJDBM UP UIF EFUFSNJOBUJPO PG UIF BQQSPQSJBUF *4$0 DPEF

5.3 Development or review of a national classification based on ISCO-08

5IF EFWFMPQNFOU PS SFWJFX PG B OBUJPOBM DMBTTJmDBUJPO CBTFE PO *4$0 NBZ CF BO JNQPSUBOU TUFQ JO BDDPNQMJTINFOU PG BO JOUFSOBUJPOBM BHSFFNFOU PO DPNQBSBCJMJUZ PG OBUJPOBM DBUFHPSJFT BOE PDDVQBUJPOT JO UIF OBUJPOBM DPOUFYU 5IJT JOGPSNBUJPO JT NJLFMZ UP QSPWF IFMQGVM XIFO UIF OBUJPOBM DMBTTJmDBUJPO JT UP CF VTFE GPS TUBUJTUJDBM QVSQPTFT BOE UP BMMPX JOUFSOBUJPOBM DPNQBSJTPOT PG EBUB 5IF OBUJPOBM DMBTTJmDBUJPO NBZ CF PG MJNJUFE VUJMJUZ JG JU EPFT OPU QSPWJEF TVGGJDJFOU EFUBJM UP BMMPX DPEJOH PG TQFDJBMJTU PDDVQBUJPOT BOE UP BEFRVBUFMZ SFGMFDU UIF TUSVDUVSF PG UIF OBUJPOBM MBCPVS NBSLFU BOE UIF OBUJPOBM DPOUFYU JO XIJDI UIF DMBTTJmDBUJPO JT UP CF VTFE

*G UIF OBUJPOBM DMBTTJmDBUJPO JT UP CF VTFE GPS UIF QSPEVDUJPO PG TUBUJTUJDBM EBUB JU JT JNQPSUBOU UP DPOTJEFS UIF DPNQBSBCJMJUZ PG EBUB DPMMFDUFE CZ EJGGFSFOU DPVOUSJFT BOE PWFS UJNF 5IJT NBZ SFRVJSF UIF DPEJOH PG TQFDJBMJTU PDDVQBUJPOT BOE UIF OBUJPOBM DMBTTJmDBUJPO NBZ OFFE UP CF BEBQUFE UP BMMPX DPNQBSJTPOT XJUI JOUFSOBUJPOBM TUBOEBSET PS UP EFSJWF BO BEEJUJPOBM DPOWFSTJPO UBCMF UIBU DBO CF VTFE GPS DPNQBSBUJWF QVSQPTFT

\$PMMBCPSBUJPO BNPOH UIPTF CHFODJFT BOE PSHBOJ[BUJPOT UIBU DPMMFDU BOE VTF EBUB GPS UIF QSPEVDUJPO PG TUBUJTUJDBM EBUB GPS PQFSBUJPOBM QVSQPTFT BOE GPS QPMJDZ BOBMZTJT NBZ MFBE UP B DPNNJUNFOU BNPOH UIF BHFODJFT DPODFSOFE UP BEPQU B OBUJPOBMMZ DPOTJTUFOU BQQSPBDI 4VDI B DPNNJUNFOU DPVME CF GBDJMJUBUFE UISPVHI UIF FTUBCMJTINFOU PG B DPNQBSBCMF SFWJTJPO DZDMF GPS UIF OBUJPOBM DMBTTJmDBUJPO BOE RVBOUJUBUJWF BOE RVBMJUBUJWF BTQFDUT PG UIF EBUB DPMMFDUFE TIPVME CF JG TJHOJmDBOU WBMVF DPNQBSBCMF EBUB BSF UP CF HFOFSBUFE BOE JG UIFSF JT B TJHOJmDBOU EFNBOE GPS DPNQBSBCMF EBUB GSPN PUIFS TPVSDFT

8IFSF JU JT GPVOE OFDFTTBSZ UP BEBQU UIF OBUJPOBM DMBTTJmDBUJPO UP TQFDJBM OBUJPOBM OFFET UIBU BSF OPU DPWFSFE CZ UIF *4$0 TUSVDUVSF UIF OBUJPOBM DMBTTJmDBUJPO NBZ CF BEBQUFE CZ BEEJOH OBUJPOBM MFWFMT UP UIF *4$0 TUSVDUVSF PS CZ DSFBUJOH OBUJPOBM TVC-VOJUT PG *4$0 MFWFM PG UIF /0\$ UP B IJHIFS MFWFM PG *4$0

8IFSF UIFSF JT BO FYJTUJOH /0\$ JUUI BNUBZT CFJWFFSSFUCIEMGFSTFTN DPEFT JSBCMF UP SFWJFX UIBU DMBTTJDmPNBQUBJSPEC UIM JJUNZQSPWOFB UJOPUGFBSMBE BOE UP EFUFSNJOF XIFUIFS BOZ PG UIF GFBUVSFT PG UIF JOUFSOBUJPOBM TUBOEBSE NBZ CF VTFGVM GPS OBUJPOBM QVSQPTFT

5.4 Mapping national occupation classifications to ISCO

6OMFTT *4$0 JT VTFE EJSFDUBUSMJTU PBOU PDCBRUDJUPVOQBEMU JNPFWFM MJ
GPSNBUJPO BNPOH DPVOUSJFT PS SFHJPOT BM PE SNVQMBMZTPSFBRMV JTSUFBTU UT
CF DPOWFSUFE UP UIF JOUFSOBUJPOBM DBUFHPSJFT UP *4$0 JOFS SCOZBUJPEOBM EJMSBFTDTUJMZ BU
BT EFTDSJCFE JO TFDUJPO CFMPX

.BQQJOH POF DMBTTJmDBUJPOE JOOHUPF BBDIP HSFPSVQTJEROVJFWBN
DMBTTJmDBUJPO UP UIF NPTU BQQSPQSJBUF EF UHZSPBVQE JBDDUDIVFSTBFDZP OPE
NBQQJOH XJMM JODSFBTF XJUI UIF MFVWFMP DEF UBUJFMNBBUQXJJDDH TUIPVNBE
CF DBSSJFE PVU UIFSFGPSF BU UFHFBMPPXEPTPUGQPBTDJGMFUMF VWUFXMP PDGMB
DBUJPOT J F /0$ BFOE)P4NBOO T 5IFTNBEQOFSBMZ SFQSFTFOUFE
a correspondence table that shows the relationship between the categories in one classi cation and those in another.

*O UIF QSPDFTT PG NBQQJOH UBFSFG PUMFM PNXPJTOH GJSSFRFVFTOJUWZB
FODPVOUFSFE

B 5IF /0$ HSPVQ CFMPOHT VOBNCJHVPVTMZHSP VRQOTF BGJTU UFT *4$0
course, the simplest situation and, if the NOC is based on a conceptual model similar to UIBU PG *4$0 JU JT MJLFMZ UP CF UIF NPTU VTVBM TJUVBUJPO

C 5IF /0$ HSPVQ BU UIF MPXFTU MCF WBEM VRQCB UBJHHCSBFM EUPJOPUOF OEUJ GSPN
NPTU SFMFWBOU *4$0 VOJU HSPVQ FCVUEUPF TEJDPSFQSFWJEOUUFU
/0$ HSPVQ GSPN CFJOH WBMJEMZ NBQQFEPJGOUPF BIJH*4FSSD MFHWSFPMVTQ
PG BHHSFHBUJPO 'PS FYBNQMF UHTFU/SOZ$ BDOMEBFTBTJUhIFNTPWNJPCCHJ M
QMBOU PQFSBUPST JO UIF TBNF MPXMBTUTMJFWFMU HFSTPFVQDBJMJQMBFU*J4PS
JO UXP TFQBSBUF VOJU HSPVQT FCOVUU BJHOH SCFHUBIUJDPMOB PG GJUhIEBE
occupations is carried out in the same manner.

D 5IF XBZ PG HSPVQJOH DFSUBJO/PS DGVSQSNUUJPBOTBJCTQEMJFSFJCOU*4S0UIF
BOE BT B SFTVMU BO FYJTUJOH /0$ EHSPVQ DBBDZCOPGU UWBM*4S0MZ CF N
HSPVQT 'PS FYBNQMF BU UIF MPXFSFUDMBEWTFJJmPG NBJHWMSTFUHBDIJPGOB SUNI
BOE MJWFTUPDL GBSN MBCPVSFST JODBMBEJTJOJhmMFFTHUSIPVQ PXDIBFYSQBTUJ*P4S
JO UXP TFQBSBUF VOJU HSPVQT CKFPMSPBOCHEJ NBKEFS HESJPVQTFOU

*G JOUFSOBUJPOBMMZ BWBJMBCMFC PDQDSVPQEBVDJFFEO BM UUFBUNJTOUPJS
HSPVQ MFWFM PG *4$0 PS BU BOZEBPUGJPUOF UJHFOFSFMXFQVSPMCMFFGNTBHBS
MJLFMZ UP BSJTF JO UIF TJUVBUJPUOFEJFOTOBSSCNBEU JVPOE FBST CUPBCCPVQFSP*EGV
BU UIF MFWFM DPSSFTQPOEJOH UPB*U4JSPO EFVTODJSUJGHFSEPVQE FSBOCE UBIO
D BCPWF BQQMJFT UIFO UIF GPMMFMPXGJPOSH*S4V$MFT NSBZHEBMBFMMCZF EEFQV
QMJFE GPS NBQQJOH UP *4$0 JO UPIX PSEFS PG QSJPSJUZ HJWFO
B 5IF OVNFSJDBM EPNJOBODF SVMFJT BPG DUPSFE BGEE JUJF PXOBM I JOP
NBUJPO BWBJMBCMF GSPN FDPOPNDJUDPSBBOME FPYQIFFSSU TT UBTUUJTNUBJUDB
PS KVEHFNFOU TIPVME CF NBEF DPOPDGFSUOFOPHDDVFQBSUFJMPBQUJWDFM EBN
TJmE JO UIF /0$ HSPVQ *G BQQSPYUJNFBKPMZ D MQBFTSJDmFFOEUJPOSUN
/0$ HSPVQ CFMPOH UP B QBSUJDVMBS /*04$0HSPMQPTMQVMEFOCFUIF XIP
DMBTTJmE JO UIJT *4$0 HSPVQ
C 5IF TLJMM MFWFM SVMF BDDPYSEPJGOUHFU/P0$XHJSDPIVQIFFIPVDMDEVQBU
BOBMZTFE PO UIF CBTJT PG UIF *B4Q$QJOH TJLOJUMPMBOMF*4W$FOM DPO
group should then be carried out on the basis of the occupations found to be the most skilled.

D 5IF QSPEVDUJPO SVMF BDDPSEJGHNUBPQXJODHI JGEFB t4$0QVSQOPTF
UIF PDDVQBUJPOBM NJY PG B /0$ HSPVQBWQSPQESVJDPUSJJRUOZ IPMDVDFVSQTBBUMIPT
or managerial occupations.

6TF PG UIF SVMFT B C BOE D HTDQBFDJFmHIPES JBFCTPWJFO GOPBSUNBQQBJ
TJmDBUJPOT UP *4$0 XJMM JOFWJUBCFMZBDBWSEBDZFPHGUBJOZF EMQS D
UP DPOWFSU OBUJPOBM PDDVQBUJPTGBTMJHECBJUhBDBUOU*M$NJUBU5JFG
PO UIF WBMJEJUZ PG JOUFSOBUJBPQQBJMOEPJNTQOSDTFTOBSZGJUINB
XPSUI DPOTJEFSJOH DPEJOH OBUJPOB4M$OPDDVBQTBEJPDVMTIEBUCBFMJPSXFD
JO TFDUJPO

5.5 Coding to both the national occupation classification and ISCO

*OUFSOBUJPOBM DPNQBSBCJMJUZ FP GB DPIDJDFWQFEEU JNFPOTBUM BTDUDBVSJBU
CZ DPEJOH UIF PSJHJOBM SFTQPOTFT DUP MRZV FUTPU JUPIOFT JPCOU PSDVBQUBU
DMBTTJmDBUJPO TZTUFN)P NBOOFT UIF QSEQDPEJOH *PGG UDIFTJVO
TVSWFZ SFTQPOTFT UIBU IBWF BMMBFTBTEJZmDCFFUJOP CD PUEIFED PTPUUINF
CF QSPIJCJUJWF *G IPXFWFS UIF DOPEJODHPEFTEFBYOJEODOMSVEDFPTEGPUI
UIFO JU JT QPTTJCMF UP BTTJHO EPNFEFSIGTPSBMMPXDMHUPXDNEBVBTMJmDEBUOPHOUT
EPOF JO B DPTU F FDUJWF NBOOFS VUJJEHUJBNTFJOHFMTFVDSPWEFJZDHPSQSDFDOF
EBUB BSF PSJHJOBMMZ QSPDFTTFEJT8JTFSMFJDPMZIOUHPJJTOEVPPOMFW
SFMBUJWFMZ NPEFTU BEEJUJPOBMG EYPGFTDTUEJTUGFBLEFZPGPOFSJOHS
computer-assisted or automatic coding is used, the additional costs are likely to be minimal.

5IF DPNQMFYJUZ PG EVBM DPEJEGHQFPOEFSPBUJHXOTEJPGSUFIOJT UIZ
/0$ JT GSPN *4$0 'PS FYBNQMF JG UIF4/$00$ JTBDEVPVTFFMTZBCBTFE
TJNJMBS DPODFQUVBM NPEFM JUPUNBZ$CEFOSF*MSBU JWDFMEZFTFBTZ
UP DPEJOH JOEFY FOUSJFT

*G UIF UXP DMBTTJmDBUJPOT IBQWSFPWEFSZTEJUFSTFOMUJDFPMDZDEQUCVFBM
EJ DVMU UP EFTJHO JOEFY FOUSJFTJmUDBUJPOTTJH'CEEJPUEJPTOEM CPUEEFYD
USJFTNBZ OFFE UP CE EFWFMPQFETGJPSDFUYJPNDQJMCFFUXFBFMDMDPXUGFHSSJJ
CPUI DMBTTJmDBUJPO TZTUFNT UPTCUFVNBEUEPO*UPJXTFQYSSDJUTBMZNBQQUJ
GSPN UIF OBUJPOBM DMBTTJmDBUJPODUFPU*4SCMF NVBZCOHFBMDFBSSSUFGEQPTDJ
*O TVDI DBTFT UIF FYUSBF PSU JOVBPMXJFMEJBTEEFHTDHDFEHTBUOPJCDEUFIY D
TJmDBUJPOT NBZ CF UIF POMZ F FSOCBWJPXBMPZGDQSNQBSSBCMMH EVBB

6. COLLECTION AND CODING OF DATA FOR CLASSIFICATIONS BASED ON ISCO-08

5IJT DIBQUFS QSPWJEFT BO PWFSWJFX UPIGF DDPMMTMJFDUSJBRUJPOGT EJEC
PO PDDVQBUJPO *U BMTP TVNNBSJ[FTF USIFTQBSEDIFE VSPFR VGFPTSJBPTOTJH
PDDVQBUJPO UP DMBTTJmDBUJPOT CBTBFSEF PSOG4#SGSFE 5IFF TBT QDSPEDJFOEHV

.PSF EFUBJMFE JOGPSNBUJPO BCPPVU PDDPMWMQFBUJPOH DHDBODECFPGEFVOE
in Measuring the economically active in population censuses: A handbook published jointly by
UIF 6OJUFE /BUJPOT BOE UIF *-0 JO QSP.WDE PG JUOFU JUDTGPBSONEBUJPLO
JT SFMFWBOU GPS IPVTFIPME BOE PVUTFTS TVSUWFZST BEETWXEMMK JBMTMGBS
CF QSPWJEFE JO UIFImQlSmQaTeEde* 4$0

6.1 Information needed for coding

'PS BDDVSBUF DPEJOH UP BOZ MFWJFMOBM *D4MB TTBGEBSUFJMPBOUFEJOG
UJPO JT OFFEFE PO UIF GPMMPXJOH

Name or title of occupation

.BJO UBTLT PS EVUJFT VSVBMMZ QFSGPSNFE JO UIF KPC

5IF GPMMPXJOH JOGPSNBUJPO NBZ BMTP CF VTFGVM

5IF UZQF PG FDPOPNJD BDUJWJUZ PG UIF FTUBCMJTINFOU J

8IFUIFS PS OPU UIF NBJO BJN PG UITFVCTDJUTJUWJDEZ JT PXO DPO

*OGPSNBUJPO BCPVU UIF LJOE PUGSZE DPG PUNJFD FEDUBJCWMJUTZN FPSUJC
XIJDI B QFSTPO JT FNQMPZFE BOE FWFDOU UNFBZDBCNFF IFGMQUGFV MFTJUCBCTMJN
JOTUBODFT XIFO VTFE JO TVQQPSU PGUJUOGPSBNOEEUFSBOUBCEVQPSDGVSQNBE
Information on the industry of the establishment in which a person is employed is not normally useful, on its own, in assigning occupation codes.

*G TVCTJTUFODF GBSNJOH PS mUTIZOPSJTTEHNBJkPSBQOPUMJDZUDFPDP
it may also be necessary to collect information about whether or not the worker produces goods mainly for the market or mainly for own household consumption.

*OGPSNBUJPO BCPVU UIF MFWBFUMJFPCGT TIEFJMVEMCFZSBUDIFJCGEPJSWNJBEMV
OPU OFDFTTBSZ BOE OPU VTFGVM E*JUWJTE VGBSMFTRVFPMEEMZHUFFS DRBVBFMJUmE
UJPOT UIBO UIPTF SFRVJSFE GPS EUFFS KDPCOJWOF SXTIEMZ UUIFBZU BUSIFZFE
OPU IPME BOZ GPSNBM RVBMJmDBUJPG TTVSDFMJFOVGBPSUN-BEEJUPIOF CKPSC PSDIF
pation coding could therefore lead to error and introduce a bias in the relationship between
EBUB PO PDDVQBUJPO BOE MFWFM PG FEVDBUJPO

6.2 Types of question on occupation

5ISFF UZQFT PG RVFTUJPO PO PDVDTVFQEBJUJPOOB LBJWFO BJM QDJFDOBTMMTZF TC
IPVTFIPME TVSWFZT

- o 0OF PS UXP QSF DPEFE UJDL CFPYJOERJWFJTEUVJBFMOTTIFPMOE UOFPUK
  recommended)
- o 0OF XSJUF JO RVFTUJPO UP PCUBJPOPEDDPWQUBJUJDE JDWSJEMBEWTB OKUPCOT
- o 5XP PS NPSF XSJUF JO RVFTUJPOT PG CBFT JQDPTRJVFJTRUJFHEMFEOXUJLFI
  GPMMPX VQ PO NBJO UBTLT QFSGPSNFE CZ UIF JOEJWJEVBM

*O FTUBCMJTINFOU TVSWFZT BOEDTBENJKOPJCT UESFBTUDJSWJEQ UEJBPUOB PDSP MZW
TUBUFNFOU NBZ CF DPEFE EJSFDUMZVTJPOUHIFC PDD VQFBUDJPFEQJODHMBTOTEJF
BOE EFUBJMFE UFYU EFTDSJQUJPOTOPBGUVSIF DBMOBETEEJehBJBMUJPPGO UHISPJVOQ
NBUJPO BWBJMBCMF GSPN UIFTF TRUVSIDJEDTGPNSBNZBUCJFPGRVQJSUFFWEEEFFESF
household-based collections.

. 6

$MPTFE FOEFE QSF DPEFE RVFTUJPOTTO BENWFFT MG JPNSJHHSE VBQDTDJVGSBPDDX
DVQBUJPO DMBTTJmDBUJPOT EP OPUF SVNTV BVMTMFZE HUPRVBFUTFDXSJJUCIF iS
*O BEEJUJPO TJODF UIFTF RVFTUJTPNOBTMBMSE VCNFCDFFSTPEGSDMMZFMHJPNSJUFFE
EP OPU QSPWJEF TV DJFOU EFUBJTMF SJTP NWFFCO UIHFVHOIFUEEFTZ PUGLNF
VQ B MBSHF BNPVOU PG TQBDF PO DFOTVT BOE TVSWFZ GPSNT

5IF QSJODJQBM BEWBOUBHF PG DBMJFJPEJTCLEBEU RSVFTQUPJOPTCFTT PDC
CF QSPDFTTFE RVJDLMZ BOE BU BVFMJPEXBCDMFUE V*FG UUPIJDTP TBQ QMSJPN
UJPOT TFQBSBUF SFTQPOTF DBUFHSPJSJZFRTSDEVQTCFDQVSSBMJZE EBC
BMTP CF JNQSPWFE UISPVHI UFTUJJOTHJNQESSBGLO FUNPFCORUUPGUIBV
the names of categories from broad classi cation groups should not usually appear on the
RVFTUJPOOBJSF

/ . 6

0QFO FOEFE RVFTUJPOT JG EFTQJHHJOEGPXSFMBMUJDPBOUQSBPDWDJVESFBTU
BTTJHO B EJHJU *4$0 DPEF "EGRSVBBUXSTJQUBEOF SNFVTTQUPCCTFF QS
TFWFSBM XPSET BOE UIF RVFTUJPSONBRUSJPOVBCEVJOCTPUIIFUMFEK PDC
UJUMF BOE UIF NBJO UBTLT PS EVUJGFMZQEBGBSMFE S&FYTBQNRQOMTFTT PTG PT
CF QSPWJEFE XIFSF QPTTJCMF FJTRQOFODBJBSMFMZ 8PPOSFEMBGBFBSVFN
DPMMFDUFE CZ UFMFQIPOF PS QFUSSTBPJDOBJMOHJOUFFSTWFEXJBHMPUEP JFO
UIBU SFTQPOTFT BSF BEFRVBUF

5IF PCWJPVT EJTBEWBOUBHF PUGIBVUSJSOFHQPRQOFTOF FOBBWEE RUVPFU
BTTJHOFE DMBTTJmDBUJPO DPEFTTVBJDOPHEBOHJODCEEFYY PG5IPJDDDVBQOBOC
a costly process but is the only way of obtaining accurate and reliable statistical and admin-
JTUSBUJWF EBUB PO PDDVQBUJPOF 3DFMEBJUOJHWNMZIRZJDELSBOQEPDPJTCZ
CVU BSF MJLFMZ UP SFRVJSF TJHOJmDBOU EFWFMPQNFOU F PSU

" TJOHMF RVFTUJPO IBT GSFRVEGOMZTCFFTOVBITBFE JO TVSW
What is the main occupation of (the person) in this workplace?
What kind of work does (the person) do?

5IJT BQQSPBDI NBZ QSPWJEF BEFRVBUFOJPOUGBSMNMBUSJPTOQOSDFNFOTB
5IJT UZQF PG RVFTUJPO JT MJLFDMZBTIPXNBWOBSHFSUP ZDPMDEVSMFUBQ
PS iGBSN XPSLw 4VDI SFTQPOTFT NBZCMOZPUPCBOBZCMFWUFMOPFGDP4EOFE
*G UIJT UZQF PG RVFTUJPO JT VTFFE UJPOSJFVSHWJMFZXEBSTQOSPCEF UXPFOFU
JOGPSNBUJPO JOJUJBMMZ QSPWJEFE JT JOTV DJFOU

5IF VTF PG TFQBSBUF RVFTUJPOSTNFFOE KJPTC JUOJDJSMFBBTOED HUMBZLVTQF
TUBUJTUJDBM P DFT BOE JT UIF SFDPNTMFSOMEFZETBBQOSPDBFDOTGVPTSFTP V5TIF
VTF PG UXP RVFTUJPOT HFOFSBMQMSZPVBJTEFVESFTTU-JBUH TGVPSDJUFXOPU
GFSFOU UZQFT PG JOGPSNBUJPO XJMGMVMFMMZ BUOFE SUFFTQHPJOVEFFONUPSUP ES
JO UIF TFDPOE RVFTUJPO GPS FYBNQMF

5JUMF 4BMFTNBOBHFS
5BTLT 4FMMJOH VTFE DBST

5JUMF $VTUPNFS TFSWJDFT DPOTVMUBOU
5BTLT 4FMMJOH VTFE DBST

6.3 Suggested questions recommended for testing and further development

271. Questions for use in statistical collections need to be tested for suitability in a particular
EBUB DPMMFDUJPO TFUUJOH BOE JPOVMEFHOFBUFJSFBOMBMZDJPOVPFMYWUF BEUUJFJN
UP BTTJHO DMBTTJmDBUJPO DPEFTPOFF UUFTUFDQEDOTHT UBF XVSWFEZTF
EVDUJOH GPMMPX VQ JOUFSWJFXT XJTU5IEFBUBTDPDMPNEFDUHPSSTPBOETS
BMTP B VTFGVM NFUIPE PG EFWFMPQJJOHHJOEFMJOH BOE SFmOJOH U

5IF GPMMPXJOH RVFTUJPOT BSF JTOVHUHIF TEUFWEF BMTP QBNTFUOBUSPHGOBH OQBFUJOPU
approach towards the collection of occupation data.

1. In the main job held last week what was your work or occupation?

Please give full job title and be speci c. For example:

- 'SVJU QJDLFS
- -FHBM TFDSFUBSZ
- 3FTUBVSBOU NBOBHFS
- 4FDPOEBSZ TDIPPM UFBDIFS
- $BUUMF GBSNFS
- 3FHJTUFSFE OVSTF

0DDVQBUJPO _____

_____

2. What are your main tasks or duties in that job?

Please give details. For example:

- 1JDLJOH BOE DBSSZJOH PSBOHFT BOE QFBDIFT
- 1SFQBSJOH MFHBM EPDVNFOUT
- .BOBHJOH UIF PQFSBUJPOT PG B SFTUBVSBOU
- 5FBDIJOH NBUIFNBUJDT
- .BOBHJOH B DBUUMF GBSN
- $BSJOH GPS UIF TJDL BOE BENJOJTUFSJOH NFEJDBUJPOT

.BJO UBTLT PS EVUJFT _____

_____

4Q FDJBM BUUFOUJPO NBZ OF FJED HUBOCEFmHTJJWOFHO *UGPUTJVTC JTJ TE
policy concern, or is thought to represent a signi cant proportion of employment, it may be ad-
WJTBCMF UP BTL BO BEEJUJPOBM RVFTPUWJMPPXUJEHJNBQQSQPSWPFBDDJDTVSTBVDHZHF5TI

3. Do you produce goods mainly for sale or mainly for your own or family use?

Only for sale

.BJOMZ GPS TBMF CVU QBSUMZ GPS PXO PS GBNJMZ VTF

.BJOMZ GPS PXO PS GBNJMZ VTF CVU QBSUMZ GPS TBMF

Only for own or family use

5IJT RVFTUJPO DBO HFOFSBMMZ CFUJBPTOLFXEJHTT SBFDJMQPTOFFE FDOBEUFFEHRS
that ensure a clean separation between those who produce goods mainly for sale and mainly
GPS GBNJMZ VTF 5IF GPVS DMPTFE TFUOFEEF EBSPTWQFP-STFR VDJBSUFF HUPFSJ
spondent to decide whether production is mainly for sale or mainly for own consumption.
4FMFDUJPO PG UIF UIJSE PS GPVSUZSUFTBQPBDCTF4DSBUFHDPSEJFF TJOX4VMIE J
NBKPS (SPVQ 4VCTJTUFODF 'BSNFSTSF'STIFNSBTZ (CVFOBEQSQTSBQSE J(BBUFF

*G JOGPSNBUJPO PO TVCTJTUFOUDFFGBBDTJFWJRUGZ RSV FDTRUMJMHDUPFCE TBUTB
FNQMPZNFOU PS FDPOPNJD BDUJWJUZPTOBUVTTFEUJE SJFFQPDODTVFQTBTUJPV
coding or editing process and adapted, if necessary, to ensure they are su ciently consistent
XJUI UIF EFmOJUJPO PG *4$0 4VC NBKPS (SPVQ

6.4 Assigning classification codes to survey responses (coding)

3FTQPOTFT UP PQFO FOEFE RVFITFUBEQQTFHQSVJFBUP DOBUBFTHTRJSHZOEE
PDDVQBUJPO DMBTTJmDBUJPO 8IFUIEBUPJSPOPJUT UCEFTPEDPVCQBAUJOO DMJBTT
JT OPU VTVBMMZ B TJNQMF QSPDFTQBU3FFQPOJUFMFUBOREVEBUJUIFOTJHED
BOE OBNF BOE BEESFTT PG XPSLQMBDDF DBPSEFJGSHFMQFSWPBDFUTTUP3EUTEQPODTDFVT
UP BOZ RVFTUJPOT UIBU DPMMFDUMEBUBBMTPPCTFVOTBLTFOFJCCDUP EDPUJWEEHSB

*U JT BEWJTBCMF UP QSFQBSF UPIFSJFGFHEISEDTVQIFOOTUHTTJUOPBEQVBOD EEEPI
RVFTUJPOT PO PDDVQBUJPO 5IFDEGBZSHH UIFDQSEDOHEVSHTTUSV
DPEEFS JT UP GPMMPX B DPEJOHO JQDSEFFDYFEBVOSEFT IRQFSZGSZFJTOPHMVPUX
EFBM XJUI SFTQPOTFT UIBU DBOOPUCFTFUBBPDEEBESEVTDJPDEHJOHF QJSDEDYEBV/GS
speci ed in (1).

5IF DPEJOH JOEFY JT UIF LFZ JOTUSVNFOU UR YGPTUNBPODTIXQJHU ISF4TQOPO
codes. It can take the form of a durable printed publication, a loose-leaf binder, computer
QSJOUPVU PS B NBDIJOF SFBEBCMF mFMFBXUFUJJODEBYDDPBNQVCUFSVTTFZETU
in all of these forms in manual, computer-assisted and automatic coding operations.

5IF JOEFY JT OFFEFE CFDBVTF UIFUJGPPSNDBNUFOHBNSFJTFTGPS EM&EEVJDrBDE
.BOBHFS BSF OPU VTVBMMZ UIF TBNFDBSTJOFSKNPTCOPJSONBMMZSVBTMFEMEPHEV
F H IFBE UFBDIFS TDIPPM QSJOSFJTQTBM VOJWFSTJUZ EFBO IFE
5IF JOEFY FOUSJFT VTVBMMZ JODMNBVTEEmBDDBRUEJPGPTZTPUFFNFTSBNEEFPD
NPSF XPSET CBTFE PO SFTQPOTFT HJWSHEVJTOEDFWOJTVFTTTVBDIEBTTVSMVEFZTF
underlining and italics may be used to indicate whether speci c words can be matched with
JOGPSNBUJPO HJWFO BT UIF PDDVQFBUJVPQQUMJFUNMEUBUSBZTLTOG
UJPO TVDI BT JOEVTUSZ 5IF JOEFY JDTBTOFBNSDPFFEFBTMRQSEHEEUJOD BMMEMZ RCS
GPS VQEBUJOH BOE RVFSZ SFTPMVUJPO

*O UIF BCTFODF PG BOZ OBUJPOPBVSDJDEBUFPY BPTSTBTOZ DPRUNFQSMVFUIFGVFM
B OBUJPOBM JOEFnYdex of occupational titles *4$0 7PMVNF
NBZ CF B HPPE TUBSUJOH QPJOU UP BEUFJMVPMOBRMQJBDEOFBYUJIPOXBFMVFJSDEGVF
UP SEnFDU MBOHVBHF BT VTFE JO TVSOVFSZOSFFTQPOTFT JO UIF DPVO

5IF *4$0 index of occupational titles can be found in electronic form on the ISCO
XFCTJUF IUUQ XXX JMP PSH QVCMFJYD IFUONHMPJSTICZVTSFOBEVJDUHBBJOJTFNB JJ
UP *4$0!JMO PSH BOE NBZ CF VTFE WBFMBP QNBSOUJPDGH QBPUJDRUOJBOM UDIFEE
JOEFYFT XJUIPVU CSFBDI PG *-0 DPQZSJHIU

*O TPNF TUBUJTUJDBM DPMMFDUJPOTEEIEBSUBEPTOCPFDFDVBQBUFJOPEOFO
UP B QBSUJDVMBS BHHSFHBUF MFWFM PUGIFUIFEDMJBUTMJFMVDBMJPGG *T4U$S
0OF BSHVNFOU GPS UIJT JT UIF QFSFDSFOWNEFDSPPG DGUDFHEPJSOJHFTUPOB UMF
PG FSSPST BOE TUB IPVST SFRVJBEEUI5IFSSFHT QNFBQZTBM TXPP YCMFEDO
support coding to more detailed categories or that the detailed results may not be publishable
due to sampling considerations.

5IF FYQFSJFODF PG NBOZ TUBUJTFUWJFDSBMUBBHUFOIDFJFNTBSBHTJOTBFMXOPTRUX
coding to a larger number of ISCO categories are small. Error rates do not signi cantly increase
BOE NBZ JNQSPWF GPS BHHSFHBUF HSPVBQTM F.BODZPSEFJTOQHPOXTFJTMFVQQN
EP OPU $PEJOH UP BO BSCJUSBSZPTOQNFBZmUDFMSFVGPFSMFPJGOWIFFMDWMFBVTOJDmF
sary loss of information. With respect to sampling considerations, it is important to note that
PDDVQBUJPO DMBTTJmDBUJPOT JODEMFVTEJHOGF*E4 $TOP UIBSFDOBRUF HHFFSOJFP
B QBSUJDVMBS IJFSBSDIJDBM MFUWEFMUBBJSMFFE VWFFOVFJMOT TPJGFD M4BPTNTE
NBZ CF MBSHFS UIBO PUIFST BU IJHMFFSVMFMWXFJMVTM SMPJENJOUH PQUBJPJDHTIFG
MBUJPO JOUFSOBUJPOBM SFQPSUJOMF EOOPEO GTPSB OUEEBSQESBEEVHDSUFJHPOJPPG

6.5 Coding of vague and inadequate responses

8IBUFWFS MFWFM PG EFUBJM PG SUFTQDPNOBTFTTJNBZBUCJFPUOPJPTVWETHFVEF TB
imprecise to allow the coder to determine to which category the job belongs. Such responses
TIPVME CF DPEFE UP UIF MFWFM JOQ PUSUEDEMGBZTUJmDJBOGPSONBUSUSVD UQVSSFVW
PO UIF RVFTUJPOOBJSF 5IFZ TIPVME OVPMBSSFEGPUSBDJMFEEODUBPUBEEVZSQZBXSUFJSDF POMZ
TNBMM QSPQPSUJPO PG UIF KPCT XPVEMFE VGBBUMFM JUG JUTFQSBFSTUQJPDOVTMFBSXMZSFJNQ
UP FOTVSF UIBU SFTJEVBM HSPVQUT VTJFUE GPMST FWXBFFSVF $MTBQTPTJmF

" DPNNPO NFUIPE PG EFBMJOH XJUI QUSPWJUEZFQFOPUGSJSFTTQEOUIFF
DPEJOH JOEFY GPS DPNNPOMZ PDDVSSQUTOFHTVBSHFVBFTTSEFHQFGTUFTF ZVEE

GPS UIF SFMFWBOU IJHIFS DBUFHPSJFT DBO CF BTTJHOFE CZ TQFDJBMMZ USBJOFE DPEFST JG UIF POMZ UJFO GPFSSNTBUJPJOT BWBJMBCMFS J
SFTQPOTF DBO CF BTTJHOFE UIF DPEFGPS MJNJUFE SXBOLPSZ (SPSVQF [F.SBPTB BEE
SFQSFTFOUFE BT i .BOBHFST /PU 'VSUIFS %FmOFEw

" TJNJMBS BQQSPBDI DBO CF BEPQUFE XIFO UIFSF JT FWJEFODF UIBU DIBOHFT JO
MFWFM *G GPS FYBNQMF UIF UPUBM MZF SW GJSUS NBOUJPO JPO DJTFBTFE PS
4VC NBKPS (SPVQ 5FBDIJOH 1SPGFTTJPOBMT F5 IB SDIPPTEQPO GTPFS DXBCB
JT F FDUJWFMZ BO BSUJmDJBM VOEBJMTH/SPUV QV S UIFS5F%EFDmOEE 1C
adding two trailing zeros.

8IFO EBUB DBO CF DPEFE POMZ BOUHUIFF UNSJBJPMSJEHS P[VFQPMEBVF MC
BEEFE UP UIF EJHJU NJOPS HSPVQT DUPBE T*RNEJCP EPZOMZ EJONGFES NB
EPDUPS GPS FYBNQMF JU NBZ OPU SFUQP TSTFJTQMFO UP SEFGJFSSTN JUOF
HFOFSBMJTU NFEJDBM QSBDUJUJPOFSJ JTOJNUF[SJDVBQM Q SBPSUUP JB PTQS
(SPVQ 5IF SFTQPOTF DBO SFMJBCMZ .GFE JDPEM%UPD UJPOSPTS (BSOPEV Q
BTTJHOFE DPEF .FEJDBM %PDUPST /BU BVOSPUIFSS %FmOBNQEM F-PJPL J
UIF DBTF PG UIF SFTQPOTF iFOHJOFFBSJwJPXOJUJUOMEPZU DFFS BVQTQFSGPVQMS JBO
UP BTTJHO B DPEF &OHJOFFSJ0MEF1ESPGFTTJPOBMT /PU 'VSU

*O TUBUJTUJDBM PVUQVUT UIFSXFJUBJSUFIFUXP SNFBTJQOPXBZT PG EFPEMJ
is to allocate them proportionally to the more detailed categories in a transparent manner.
"MUFSOBUJWFMZ UIFZ DBO CF SFMVFQB T/BEENJO/EBC'MSTUINFBSC%MMMEE BT
'PS FYBNQMF JG QFS DFOU PG BMMBKSFFST QSPOVTQT QSBEMWEJEUP C#$NPSF
EFUBJMFE JOGPSNBUJPO UIBO

0DDVQBUJPO UJUMF .BOBHFS

5BTLT BOE EVUJFT QFSGPSNFE .BOBHFNFOU BOE TVQFSWJTJPO P

JU NBZ CF BQQSPQSJBUF UP SFQUSQFVTUF OBUT UBFOTBH IESBTUBPJUO 'VSUB
%FmOFE XJUI BO *4$0 DPEF *O EMVFSSFFHTBQUPOPWTUQBVSF BUEPPNBWUB
JDBMMZ JODMVEFE XJUI EBUB GPS UIF SFMFWBOU BHHSFHBUF HSPV

5IF VTF PG DPEFTT XJUI USBJPMGJOMVQ[QSMFTNFFOOUBBSJZM TDPUEF TDS
MBCFMT GPS EBUB QSPDFTTJOH BOEVCPTVUBQOVUJW FMUDIBVFHPUSEZTBSE
DMBTTJmDBUJPO UIFZ OFFE UP CF TTQUPDSJBmHFE BBOTEWQBSMPJDEF TDPJEOFHT QVP
QPTFT JO BEWBODF PG EBUB QSPDEBTSJZODHPBEMPOTHVDXIJBT PUUPFTSF TGV
iJOBEFRVBUFMZ EFTDSJCFEw iOPU TQUBOUFEw BOE iOPU BQQMJDBCMF

ANNEX 1

SEVENTEENTH INTERNATIONAL CONFERENCE OF LABOUR STATISTICIANS: RESOLUTION III

RESOLUTION CONCERNING FURTHER WORK ON THE INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS

5IF 4FWFOUFFOUI *OUFSOBUJPOBM $POGFSFODF PG -BCPVS 4UBUJTU

)BWJOH FYBNJOFE UIF SFQPSU UP UIF 4FWFOUFFOUI *OUFSOBUJPOBM $POGFSFODF PG -BCPVS 4UBUJTU classi cations,

3FDPHOJ[JOH UIF WBMVBCMF XPSL UIBU IBT CFFO EPOF UP JNQSPWF UIF International Standard Classification of Occupations (ISCO-88) BOE UP BEWJTF PO JUT VTF BT B NPEFM GPS DMBTTJmDBUJPOT BT XFMM BT PO UIF QPTTJCJMJUJFT GPS JUT VTF JO OBUJPOBM applications,

3FDPHOJ[JOH UIBU TPNF DPVOUSJFT IBWF BDUJWFMZ BEBQUFE PS BSF EFDJEJOH UP BEPQU DBOUMZ GSPN *4$0 UP XFMM SFnFDU UIFJS OBUJPOBM DJSDVNTUBODFT

$PODMVEJOH UIBU UIF CBTJD QSJODJQMFT PG *4$0 DPOUJOVF UP QSPWJEF WBMVBCMF HVJEBODF JO UIF EFWFMPQNFOU BOE JNQMFNFOUBUJPO PG OBUJPOBM DMBTTJmDBUJPOT BOE UIBU JU SFNBJOT BO BQQSPQSJBUF GPSN PG JOUFSOBUJPOBM DPPQFSBUJPO JO UIF EFWFMPQNFOU BOE VQEBUJOH PG DMBTTJmDBUJPOT BT B DPOTFRVFODF PG EFWFMPQNFOUT JOUP UIF XPSLQMBDF PG XPSL PWFS U

0CTFSWJOH UIBU UIF DVTUPEJBOT PG OBUJPOBM DMBTTJmDBUJPOT BOE UIF VTFST PG TUBUJTUJDT PO XIJDI UIFZ EFQFOE XPVME CFOFmU GSPN UIF DPOUJOVFE BEWBODF PG UFDIOJDBM BEWJTPSZ TFSWJDFT PG UIF 4FDSFUBSJBU GPS -BCPVS BOE VOJRVFMZ SV the users of such classi cations and of occupational statistics signi cantly bene t from the

3FDBMMJOH UIF SFRVFTU NBEF CZ 6OJUFE 4UBUFT UBUJTUJDJBOT BU UIF 4FWFOUFFOUI *OUFSOBUJPOBM $POGFSFODF PG -BCPVS 4UBUJTUJDJBOT TFTTJPO .BSDI UIBU UIF UJNFUBCMF PG UIF SFWJTJPO PG UIF *4$0 PG UIF SPVOE PG QPQVMBUJPO BOE IPVTJOH DFOTVTFT

3FRVFTUT UIF (PWFSOJOH #PEZ PG UIF JOUFSOBUJPOBM -BCPVS

(a) ensure that the ILO, as the custodian of the International Standard Classi cation of Occupations (ISCO-88) XJMM IBWF UIF DBQBDJUZ UP

(1) undertake the research and consultations necessary to formulate the modi cations BOE VQEBUFT PG *4$0 UIBU BSF OFDFTTBSZ UP QSPWJEF VQ UP EBUF TUBUJTUJDBM BOE PUIFS FYQFSUT BOE JOUFSFTUFE QBSUJFT

(2) complete this work not later than the end of 2007 for the results to be taken into account in national preparations for the majority of population censuses that are to be VOEFSUBLFO JO UIF SPVOE

C EFWFMPQ BOE JNQMFNFOU NFDIBOJTNT GPS FYQFSU DPPQFSBUJPO XJUI SFQSFTFOUBUJWFT PG UIF 4FDSFUBSJBUT PG UIF SFHJPOBM FDPOPNJD DPNNJTTJPOT BOE PUIFS FYQFSUT BOE JOUFSFTUFE QBSUJFT

D DPOWFOF BO *-0 NFFUJOH PG FYQFSUT UP DPOTJEFS UIF SFWJTJPO PG UIF *4$0 PO UIF SFTVMUT UP UIF (PWFSOJOH #PEZ BOE

E FOTVSF UIBU UIF *-0 XJMM IBWF TVGGJDJFOU CVEHFUBSZ BMMPDBUJPOT UP QSPWJEF TVQQPSU XJMM CF OFFEFE QBSUJDVMBSMZ CZ UIF EFWFMPQJOH DPVOUSJFT UP JNQMFNFOU DMBTTJmDBUJPOT DBO CF EFWFMPQFE QSPNQUMZ BOE DPNQBSFE JOUFSOBUJPOBMMZ reliably.

ANNEX 2

RESOLUTION CONCERNING UPDATING THE INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS

5IF 5SJQBSUJUF .FFUJOH PG &YQFSUTJOPHOU-IBFC*POVSF4UDBUJTUJDJBOT 4PUDB6QEE
Classi cation of Occupations (ISCO),

)BWJOH CFFO DPOWFOFE BU (FOFWB CZ IBOFE(PBWFSTOHONHF#UPEGZSPNG UIF
UP %FDFNCFS

Recalling the Resolution of the Fourteenth International Conference of Labour Statisticians,
NBEF PO /PWFNCFS FOEPSTJOHMUBTFT*JnUDBSJUJBOJPG EBD4VQBEO
UJPOT *4$0

3FDBMMJOH UIF SFRVFTU NBEF CZ 6JOEU4FUBUJTUJDJBOT BMU$PJNUNTJTU
TFTTJPO .BSDI UIBU UIF UJNFUBCMF VGMFSNUFFU SUFMWJOTFPFETPG*4
UIF SPVOE PG QPQVMBUJPO BOE IPVTJOH DFOTVTFT BOE

$PODVSSJOH UIBU XIJMTU UIF CBTJDDG Q*4$0 DJQMFNFBJKDOVBNBUJEO TUHS
OJmDBOU NPEJmDBUJPOT SFnFDUJOH FFYQFSTJFOHD*F4$HOBJOCE TJFE NBO
DMBTTJmDBUJPOT BOE OFX EFWFMPQNTFBSJZ UP IBMFMPXR S*M4E0PG
DPOUJOVF UP CF B VTFGVM NPEFM GMPESTUJFmEBWJFMPQNEHUBPGBTUJS
JOUFSOBUJPOBM DPNQBSJTPO BOE GZ DBOVHQFBUPJGP OGPSNBUJPO

3FDBMMJOH UIF SFDPNNFOEBUJPO BEPQUJFEGZMUSHPC4GWSFOUFCPUG *0UPS
4UBUJTUJDJBOT JO GPS UIF NFFUJOHUPVEBNVB*U4$0UIF BXOPSL PG
UP NBLF BQQSPQSJBUF SFDPNNFOEBUJPOJOTHP#OPEZF SBFOTEVMUT UP UIF

)BWJOH FYBNJOFE UIF SFQPSU UP UIFG.FUHUJ*OHUESFOBSJPOBM UBBCPXPS
0 DF PO VQEBUJOH *4$0

"EPQUT UIJT TJYUI EBZ PG %FDFNPCOFS UIF GPMMPXJOH SFT

5IF PDDVQBUJPOBM DMBTTJmDBUJPJOO FSZTBUFN FG JNUBKHFSSP VTQVTC TNBPK
JO UIF "OOFY UP UIJT SFTPMVUJPYOQ FFS UFTO EPS-TBFCEP YCZ 4UUBUFFU
BOE JT EFTJHOBUFE UIF *OUFSOBUJPDODBVQ#UBUFEEBSE $MB*4$0mDBUJP

*4$0 DMBTTJJobF TJTKEECmO'FE GPS UIF QVSaQeP TfaTksPaGd *4$0 BT
duties performed, or meant to be performed, by one person, including for an employer or in self employment

" Occupationis de ned as aset of jobs whose main tasks and duties are characterized by a high degree of similarity " QFSTPO NBZ CF BTTPDJBUFE XJUI BOO PDDVQBUJPO
KPC DVSSFOUMZ IFME B TFDPOE KPC PS B KPC QSFWJPVTMZ IFME

+PCT BSF DMBTTJmFE CZ PDDVQBUXFPCS LXJQUF SSGFFTQFNDFUE UP SUIFPUC
QFSGPSNFE 5IF CBTJD DSJUFSJB VTFE UNB KEPFSmCNFJ OJPFS TBZOTEJFNO
HSPVQT BSF UIF iTLJMM MFWFMwE BUE EDiPTNLQ FMUMF OQ FMZJ QE FMS GEPUSJN
tasks and duties of the occupations.

*O DPMMFDUJOH BOE QSPDFTTJJOPHO TFBHUJGTPUSJDVTTFD MOB TmTFJMmEFTE TCVZD
labour market analysis, educational planning, human resource planning, occupational health
BOE TBGFUZ BOBMZTJT XBHFT BOBMZTJT UPBDDPNQPJVNOFUSEZBUBP
DBO CF DPOWFSUFE UP UIF *4$0 TCZEBUFFNOBM CVEDFJMJDUEBUDPNQBSJTO
of occupational information.

$PVOUSJFT TIPVME QSPWJEF JOGPHSNPBVQJTPEFmUPF EIJFO *UOF B C
classi cation (or classi cations) of occupations used for national purposes can best be related UP *4$0

5IF .FFUJOH PG &YQFSUT OPUFT UIBU UIF *-0 QMBOT UP
B QVCMJTI *4$0 JODMVEJOH EFmSJUNJPDOPTPBGOEIF CONUBUKHPSPVQC
BO JOEFY PG PDDVQBUJPOT JO &OHMJTI 'SFODI BOE 4QBOJTI

C QSPWJEF B NBOVBM BOE USBJOJOH NBUFSJBM JO PUIFS MBOHVBHFT UP BTTJTU SFHJPOBM TFUUJOHT BOE QSPWJEF UFDIOJDBM BTTJTUBODF PO SFRVFTU XPSLTIPQT

(c) ensure that, as the custodian of the International Standard Classi cation of Occupations (ISCO-08) JU XJMM IBWF UIF DBQBDJUZ UP QSPWJEF UFDIOJDBM BTTJTUBODF UP DF OFFEFE QBSUJDVMBSMZ CZ UIF EFWFMPQFE DPVOUSJFT JO BEBQUJOH BOE DMBTTJmDBUJPOT DBO CF EFWFMPQFE PS VQEBUFE reliably.

BIBLIOGRAPHY

#VEMFOEFS Wh%ither the International Standard Classi cation of Occupations (ISCO-88)?
8PSLJOH 1BQFS /P 1PMJDZ *OUFHSBUJPO %FQBSUNFOU #7-0GFBV PG 4
Embury, B. et al. 1997.Constructing a map of the world of work: How to develop the structure and contents of a national standard classi cation of occupations 8PSLJOH 1BQFS /P #VSFBV PG 4UBUJ (FOFWB *-0
)P NBOO & i.BQQJOH B OBUJPOBM PDTMBTTJm*DBUJPO 0PVGUMPPLJOH $BSFFST Challenges and solutions in the transition countries of Central and Eastern Europe and the former Soviet Union #VEBQFTU $FOUSBM &VSPQFBO 6OJWFSTJUZ 1SFTT
. 1999. International statistical comparisons of occupations and social structures: Problems, possibilities and the role of ISCO-88. "WBJMBCMF BU IUUQ XXX JMP QPPSHT QVCEMYJD FOHMJT htm.
. 2001. Coding occupation and industry in a population census 8PSLJOH 1BQFS #VSFBV PG 4UBUJTUJDT (FOFWB *-0
FU BM What kind of work do you do? Data collection and processing strategies when measuring occupation for statistical surveys and administrative records 8PSLJOH 1BQFS /P #VSFBV PG 4UBUJTUJDT (FOFWB *-0
)VOUFS % %BM 1P[. 3 ,VOKVNFO I5 IFBMU#PVSFBV PG %FmOJUJPOT DMBTTJmDBUJPOT PG IFBMUI Handbook on Monitoring and evaluation of human resources for health (FOFWB
*OUFSOBUJPOBM -BCPVS System of classi cation of industries and occupations Studies BOE 3FQPSUT 4FSJFT / /P (FOFWB
Report on the International Conference of Representatives of Labour Statistical Departments <*OUFSOBUJPOBM $PPGFSFODF PG -BCPVS 4UBUJTUJDJBOT> (FOFW
International Standard Classi cation of Occupations 3FQPSU QSFQBSFE GPS UIF 4FWFOUI * OBUJPOBM $PPGFSFODF PG -BCPVS 4UBUJTUJDJBOT (FOFWB 4FQUF
The Seventh International Conference of Labour Statisticians, Geneva, 26 September to 8 October 1949 (FOFWB
. . International Classi cation of Occupations for Migration and Employment Placement (FOFWB
. The Eighth International Conference of Labour Statisticians, Geneva, 23 November to 3 December 1954 (FOFWB
International Standard Classi cation of Occupations (FOFWB
International Standard Classi cation of Occupations, Revised Edition 1968 (FOFWB
. 1990. International Standard Classi cation of Occupations (ISCO-88) (FOFWB
3FTPMVUJPO International Classi cation of Status in Employment (ICSE), in *-0 Fifteenth International Conference of Labour Statisticians: Report of the Conference QQFOEJY * 3FTPMVUJPO * (FOFWB
Report of the Conference: Seventeenth International Conference of Labour Statisticians, 24 November 3 December 2003 *$-4 (FOFWB
Updating ISCO-88: Discussion report .FFUJOH PG UIF &YQFSU (SPVQ PO *OUFSOBUJPOBM $MBTTJmDBUJPO PG &DPOPNJD BOE 4PDJBM $MBTTJmDBUJPOT /BJSPCJ %FQBSUNFOU PG &DPOPNJD BOE 4PDJBM " BJST 4UBUJTUJDT %JWJTJPO /FX :PSL
Report of Meeting of Experts on Labour Statistics, Geneva, 3 6 December 2007: Updating the International Standard Classi cation of Occupations (ISCO) .&-4 (FOFWB
United Nations (UN). 2000. International Standard Industrial Classi cation of All Economic Activities, Revision 3 4UBUJTUJDBM 1BQFST 4FSJFT . /P 3FW /FX :PSL
. United Nations Statistical Commission (2003): Report on the thirty-fourth session (4 7 March 2003) &DPOPNJD BOE 4PDJBM $PVODJM 0 DJPBM 3FDPNNFOEBUJPOT 4VQQMFNFOU
Final report: Meeting of the Expert Group on International Economic and Social Classi cations, New York, 20 24 June 2005 %FQBSUNFOU PG &DPOPNJD BOE 4PDJBM " BJST 4UBU (New York).
. 2007a. United Nations Statistical Commission, Report on the thirty-eighth session (27 February to 2 March 2007) &DPOPNJD BOE 4PDJBM $PVODJM 0 DJPBM 3FDPNNFOEBUJPOT 4VQQMF
. 2007b. Meeting of the Expert Group on International Economic and Social Classi cations, 16 18 April 2007, Final report (draft version) (New York).
International Standard Industrial Classi cation of All Economic Activities (ISIC Rev. 4) (New York).
United Nations and International Labour Office. 2010. Measuring the economically active in population censuses: A handbook 4UVEJFT JO .FUIPET 4FSJFT ' /P /FX :PSL
United Nations Educational, Scienti c and Cultural Organization (UNESCO). 1997. International Standard Classi cation of Education (ISCED 1997) (Paris).

PART II

STRUCTURE OF THE INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS (ISCO-08)

MAJOR GROUPS

1 Managers
2 Professionals
3 Technicians and Associate Professionals
4 Clerical Support Workers
5 Services and Sales Workers
6 Skilled Agricultural, Forestry and Fishery Workers
7 Craft and Related Trades Workers
8 Plant and Machine Operators and Assemblers
9 Elementary Occupations
0 Armed Forces Occupations

MAJOR AND SUB-MAJOR GROUPS

1 Managers

12 Administrative and Commercial Managers
13 Production and Specialized Services Managers
14 Hospitality, Retail and Other Services Managers

2 Professionals

21 Science and Engineering Professionals
22 Health Professionals
23 Teaching Professionals
24 Business and Administration Professionals
25 Information and Communications Technology Professionals

3 Technicians and Associate Professionals

31 Science and Engineering Associate Professionals
32 Health Associate Professionals
33 Business and Administration Associate Professionals
! " #
35 Information and Communications Technicians

4 Clerical Support Workers

41 General and Keyboard Clerks
42 Customer Services Clerks
43 Numerical and Material Recording Clerks
44 Other Clerical Support Workers

5 Services and Sales Workers

51 Personal Services Workers
52 Sales Workers
53 Personal Care Workers
54 Protective Services Workers

6 Skilled Agricultural, Forestry and Fishery Workers

61 Market-oriented Skilled Agricultural Workers
62 Market-oriented Skilled Forestry, Fishery and Hunting Workers
63 Subsistence Farmers, Fishers, Hunters and Gatherers

7 Craft and Related Trades Workers

71 Building and Related Trades Workers (excluding Electricians)
72 Metal, Machinery and Related Trades Workers
73 Handicraft and Printing Workers
74 Electrical and Electronic Trades Workers
75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers

8 Plant and Machine Operators and Assemblers

81 Stationary Plant and Machine Operators
82 Assemblers
83 Drivers and Mobile Plant Operators

9 Elementary Occupations

91 Cleaners and Helpers

$ # % & % & '

$ ' * * + /

94 Food Preparation Assistants

95 Street and Related Sales and Services Workers

96 Refuse Workers and Other Elementary Workers

0 Armed Forces Occupations

; << #< %

; = > << #< %

03 Armed Forces Occupations, Other Ranks

MAJOR, SUB-MAJOR AND MINOR GROUPS

1 Managers

Q
112 Managing Directors and Chief Executives
12 Administrative and Commercial Managers
121 Business Services and Administration Managers
/ # . /
13 Production and Specialized Services Managers
) / " ? $? ’
/ / # (/
133 Information and Communications Technology Services Managers
134 Professional Services Managers
14 Hospitality, Retail and Other Services Managers
141 Hotel and Restaurant Managers
142 Retail and Wholesale Trade Managers
143 Other Services Managers

2 Professionals

21 Science and Engineering Professionals
211 Physical and Earth Science Professionals
/ ’ . "
213 Life Science Professionals
214 Engineering Professionals :excluding Electrotechnology;
215 Electrotechnology Engineers
* " ’) $ #
22 Health Professionals
221 Medical Doctors
222 Nursing and Midwifery Professionals
223 Traditional and Complementary Medicine Professionals
224 Paramedical Practitioners
225 Veterinarians
226 Other Health Professionals
23 Teaching Professionals
231 University and Higher Education Teachers
232 Vocational Education Teachers
233 Secondary Education Teachers
234 Primary School and Early Childhood Teachers
235 Other Teaching Professionals
24 Business and Administration Professionals
241 Finance Professionals
242 Administration Professionals
/) (Y)
25 Information and Communications Technology Professionals
251 Software and Applications Developers and Analysts
252 Database and Network Professionals

261 Legal Professionals
* Q (" ’
263 Social and Religious Professionals

* " ' Z Q
265 Creative and Performing Artists

3 Technicians and Associate Professionals

31 Science and Engineering Associate Professionals
311 Physical and Engineering Science Technicians
/ /
313 Process Control Technicians
314 Life Science Technicians and Related Associate Professionals
315 Ship and Aircraft Controllers and Technicians

32 Health Associate Professionals
321 Medical and Pharmaceutical Technicians
322 Nursing and Midwifery Associate Professionals
323 Traditional and Complementary Medicine Associate Professionals
324 Veterinary Technicians and Assistants
325 Other Health Associate Professionals

33 Business and Administration Associate Professionals
331 Financial and Mathematical Associate Professionals
332 Sales and Purchasing Agents and Brokers
333 Business Services Agents
334 Administrative and Specialized Secretaries
335 Government Regulatory Associate Professionals

! " #
Q Y ")
342 Sports and Fitness Workers
" $ ")

35 Information and Communications Technicians
351 Information and Communications Technology Operations and User Support Technicians
352 Telecommunications and Broadcasting Technicians

4 Clerical Support Workers

41 General and Keyboard Clerks
J
412 Secretaries :general;
413 Keyboard Operators

42 Customer Services Clerks
@ / $ Y
422 Client Information Workers

43 Numerical and Material Recording Clerks
431 Numerical Clerks
432 Material Recording and Transport Clerks

44 Other Clerical Support Workers
441 Other Clerical Support Workers

5 Services and Sales Workers

51 Personal Services Workers
@ " J
512 Cooks
513 Waiters and Bartenders
, Y +
515 Building and Housekeeping Supervisors
516 Other Personal Services Workers

52 Sales Workers
521 Street and Market Salespersons
522 Shop Salespersons
523 Cashiers and Ticket Clerks
524 Other Sales Workers
53 Personal Care Workers
531 Child Care Workers and Teachers Aides
532 Personal Care Workers in Health Services
54 Protective Services Workers
541 Protective Services Workers

6 Skilled Agricultural, Forestry and Fishery Workers

61 Market-oriented Skilled Agricultural Workers
611 Market Gardeners and Crop Growers
612 Animal Producers
613 Mixed Crop and Animal Producers
62 Market-oriented Skilled Forestry, Fishery and Hunting Workers
621 Forestry and Related Workers
* ? ' $ + @
63 Subsistence Farmers, Fishers, Hunters and Gatherers
631 Subsistence Crop Farmers
632 Subsistence Livestock Farmers
633 Subsistence Mixed Crop and Livestock Farmers
* (? ' @ J '

7 Craft and Related Trades Workers

71 Building and Related Trades Workers (excluding Electricians)
711 Building Frame and Related Trades Workers
712 Building Finishers and Related Trades Workers
[ ) , Y @ +
72 Metal, Machinery and Related Trades Workers
[' / + / + Y +
[, . ' @ . Y @ +
723 Machinery Mechanics and Repairers
73 Handicraft and Printing Workers
731 Handicraft Workers
732 Printing Trades Workers
74 Electrical and Electronic Trades Workers
741 Electrical Equipment Installers and Repairers
742 Electronics and Telecommunications Installers and Repairers
75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers
751 Food Processing and Related Trades Workers
[+ @ (\. Y @ +
753 Garment and Related Trades Workers
754 Other Craft and Related Workers

8 Plant and Machine Operators and Assemblers

81 Stationary Plant and Machine Operators
811 Mining and Mineral Processing Plant Operators
812 Metal Processing and Finishing Plant Operators
813 Chemical and Photographic Products Plant and Machine Operators
] Y (( ))) / '
] @ ^ ? Q ') / '

816 Food and Related Products Machine Operators
817 Wood Processing and Papermaking Plant Operators
818 Other Stationary Plant and Machine Operators

82 Assemblers
821 Assemblers

83 Drivers and Mobile Plant Operators
831 Locomotive Engine Drivers and Related Workers
] _ / $ #
833 Heavy Truck and Bus Drivers
834 Mobile Plant Operators
835 Ships Deck Crews and Related Workers

9 Elementary Occupations

91 Cleaners and Helpers
.
_ ' + ! Q $ ' +
$ # % & % & '
" ? $? ' $ Q (
$ ' * * + /
931 Mining and Construction Labourers
932 Manufacturing Labourers
933 Transport and Storage Labourers

94 Food Preparation Assistants
941 Food Preparation Assistants

95 Street and Related Sales and Services Workers
951 Street and Related Services Workers
952 Street Vendors :excluding Food;

96 Refuse Workers and Other Elementary Workers
961 Refuse Workers
962 Other Elementary Workers

0 Armed Forces Occupations

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> .. " . ?
; = > << # < %
> % \ .. " . ?

03 Armed Forces Occupations, Other Ranks
> " . ? ' Y

MAJOR, SUB-MAJOR, MINOR AND UNIT GROUPS

1 Managers

Q
1111 Legislators
J .
1113 Traditional Chiefs and Heads of Villages
\ ‘
112 Managing Directors and Chief Executives
1120 Managing Directors and Chief Executives
12 Administrative and Commercial Managers
121 Business Services and Administration Managers
1211 Finance Managers
1212 Human Resource Managers
1213 Policy andPlanning Managers
, ". / % & !’
/ # . /
1221 Sales and Marketing Managers
1222 Advertising and Public Relations Managers
1223 Research and Development Managers
13 Production and Specialized Services Managers
) / " ? $? ’
1311 Agricultural and Forestry Production Managers
1312 Aquaculture and Fisheries Production Managers
/ / # (/
1321 Manufacturing Managers
1322 Mining Managers
1323 Construction Managers
$ # (Y /
133 Information and Communications Technology Services Managers
1330 Information and Communications Technology Services Managers
134 Professional Services Managers
1341 Child Care Services Managers
1342 Health Services Managers
1343 Aged Care Services Managers
1344 Social Welfare Managers
1345 Education Managers
1346 Financial and Insurance Services Branch Managers
) / % & !’
14 Hospitality, Retail and Other Services Managers
141 Hotel and Restaurant Managers
1411 Hotel Managers
1412 Restaurant Managers
142 Retail and Wholesale Trade Managers
1420 Retail and Wholesale Trade Managers
143 Other Services Managers
Y /
/ % & !’

2 Professionals

21 Science and Engineering Professionals
211 Physical and Earth Science Professionals
2111 Physicists and Astronomers
2112 Meteorologists

2113 Chemists
2114 Geologists and Geophysicists
/ ' . "
> / ' . "
213 Life Science Professionals
, , j Y)
? . ? $? ' "
2133 Environmental Protection Professionals
214 Engineering Professionals :excluding Electrotechnology;
2141 Industrial and Production Engineers
2142 Civil Engineers
2143 Environmental Engineers
2144 Mechanical Engineers
2145 Chemical Engineers
* / & / Y)
&) % & !'
215 Electrotechnology Engineers
2151 Electrical Engineers
2152 Electronics Engineers
2153 Telecommunications Engineers
* " ') $ #
2161 Building Architects
2162 Landscape Architects
2163 Product and Garment Designers
* @ ! @)
2165 Cartographers and Surveyors
2166 Graphic and Multimedia Designers
22 Health Professionals
221 Medical Doctors
2211 Generalist Medical Practitioners
2212 Specialist Medical Practitioners
222 Nursing and Midwifery Professionals
2221 Nursing Professionals
2222 Midwifery Professionals
223 Traditional and Complementary Medicine Professionals
2230 Traditional and Complementary Medicine Professionals
224 Paramedical Practitioners
2240 Paramedical Practitioners
225 Veterinarians
2250 Veterinarians
226 Other Health Professionals
2261 Dentists
2262 Pharmacists
2263 Environmental and Occupational Health and Hygiene Professionals
2264 Physiotherapists
2265 Dieticians and Nutritionists
2266 Audiologists and Speech Therapists
2267 Optometrists and Ophthalmic Opticians
* ') % & !'
23 Teaching Professionals
231 University and Higher Education Teachers
2310 University and Higher Education Teachers
232 Vocational Education Teachers
2320 Vocational Education Teachers
233 Secondary Education Teachers
2330 Secondary Education Teachers

234 Primary School and Early Childhood Teachers
2341 Primary School Teachers
2342 Early Childhood Educators
235 Other Teaching Professionals
2351 Education Methods Specialists
2352 Special Needs Teachers
2353 Other Language Teachers
2354 Other Music Teachers
2355 Other Arts Teachers
2356 Information Technology Trainers
@ ’) % & !’
24 Business and Administration Professionals
241 Finance Professionals
2411 Accountants
2412 Financial and Investment Advisers
2413 Financial Analysts
242 Administration Professionals
2421 Management and Organization Analysts
2422 Policy Administration Professionals
2423 Personnel and Careers Professionals
2424 Training and Staff Development Professionals
/) (Y)
2431 Advertising and Marketing Professionals
2432 Public Relations Professionals
2433 Technical and Medical Sales Professionals :excluding ICT;
2434 Information and Communications Technology Sales Professionals
25 Information and Communications Technology Professionals
251 Software and Applications Developers and Analysts
2511 Systems Analysts
2512 Software Developers
2513 Web and Multimedia Developers
2514 Applications Programmers
! " # " $ % & !’
252 Database and Network Professionals
2521 Database Designers and Administrators
2522 Systems Administrators
2523 Computer Network Professionals
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261 Legal Professionals
2611 Lawyers
* Z
* Q) % & !’
* Q (" ’
2621 Archivists and Curators
2622 Librarians and Related Information Professionals
263 Social and Religious Professionals
2631 Economists
* " ’ Y)
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2634 Psychologists
2635 Social Work and Counselling Professionals
2636 Religious Professionals
* " ’ Z Q
2641 Authors and Related Writers
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265 Creative and Performing Artists
2651 Visual Artists
* / .
2653 Dancers and Choreographers
* ? . Y #)
2655 Actors
* * " Y @ ' /
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3 Technicians and Associate Professionals

31 Science and Engineering Associate Professionals
311 Physical and Engineering Science Technicians
3111 Chemical and Physical Science Technicians
3112 Civil Engineering Technicians
3113 Electrical Engineering Technicians
3114 Electronics Engineering Technicians
3115 Mechanical Engineering Technicians
3116 Chemical Engineering Technicians
3117 Mining and Metallurgical Technicians
3118 Draughtspersons
)'$ & @ ' % & !'
/ /
3121 Mining Supervisors
3122 Manufacturing Supervisors
3123 Construction Supervisors
313 Process Control Technicians
3131 Power Production Plant Operators
3132 Incinerator and Water Treatment Plant Operators
3133 Chemical Processing Plant Controllers
) . % J Y)
3135 Metal Production Process Controllers
) @ ' % & !'
314 Life Science Technicians and Related Associate Professionals
3141 Life Science Technicians :excluding Medical;
3142 Agricultural Technicians
3143 Forestry Technicians
315 Ship and Aircraft Controllers and Technicians
3151 Ships Engineers
' { #)
3153 Aircraft Pilots and Related Associate Professionals
" @
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32 Health Associate Professionals
321 Medical and Pharmaceutical Technicians
3211 Medical Imaging and Therapeutic Equipment Technicians
3212 Medical and Pathology Laboratory Technicians
3213 Pharmaceutical Technicians and Assistants
3214 Medical and Dental Prosthetic Technicians
322 Nursing and Midwifery Associate Professionals
3221 Nursing Associate Professionals
3222 Midwifery Associate Professionals
323 Traditional and Complementary Medicine Associate Professionals
3230 Traditional and Complementary Medicine Associate Professionals
324 Veterinary Technicians and Assistants
3240 Veterinary Technicians and Assistants
325 Other Health Associate Professionals
3251 Dental Assistants and Therapists
3252 Medical Records and Health Information Technicians

3253 Community Health Workers
3254 Dispensing Opticians
3255 Physiotherapy Technicians and Assistants
3256 Medical Assistants
3257 Environmental and Occupational Health Inspectors and Associates
3258 Ambulance Workers
' ") % & !'

33 Business and Administration Associate Professionals
331 Financial and Mathematical Associate Professionals
3311 Securities and Finance Dealers and Brokers
Q
3313 Accounting Associate Professionals
/ '. Y ")
3315 Valuers and Loss Assessors
332 Sales and Purchasing Agents and Brokers
3321 Insurance Representatives
3322 Commercial Sales Representatives
3323 Buyers
3324 Trade Brokers
333 Business Services Agents
3331 Clearing and Forwarding Agents
3332 Conference and Event Planners
3333 Employment Agents and Contractors
3334 Real Estate Agents and Property Managers
, " % & !'
334 Administrative and Specialized Secretaries

3342 Legal Secretaries
3343 Administrative and Executive Secretaries
3344 Medical Secretaries
335 Government Regulatory Associate Professionals
3351 Customs and Border Inspectors
J . @ ^ &^
J . ,
J . Q
3355 Police Inspectors and Detectives
J . Y $ ") % & !'
! " #
Q Y ")
3411 Legal and Related Associate Professionals
3412 Social Work Associate Professionals
3413 Religious Associate Professionals
342 Sports and Fitness Workers
3421 Athletes and Sports Players
' <
3423 Fitness and Recreation Instructors and Programme Leaders
" $ ")
3431 Photographers
3432 Interior Designers and Decorators
J $ / . Q ($ @ '
3434 Chefs
3435 Other Artistic and Cultural Associate Professionals

35 Information and Communications Technicians
351 Information and Communications Technology Operations and User Support Technicians
3511 Information and Communications Technology Operations Technicians
3512 Information and Communications Technology User Support Technicians
3513 Computer Network and Systems Technicians

3514 Web Technicians
352 Telecommunications and Broadcasting Technicians
3521 Broadcasting and Audiovisual Technicians
3522 Telecommunications Engineering Technicians

4 Clerical Support Workers

41 General and Keyboard Clerks
J
> J
412 Secretaries :general;
4120 Secretaries :general;
413 Keyboard Operators
4131 Typists and Word Processing Operators
4132 Data Entry Clerks

42 Customer Services Clerks
@ / $ Y
4211 Bank Tellers and Related Clerks
, . Y J . +
4213 Pawnbrokers and Money-lenders
4214 Debt Collectors and Related Workers
422 Client Information Workers
4221 Travel Consultants and Clerks
4222 Contact Centre Information Clerks
4223 Telephone Switchboard Operators
4224 Hotel Receptionists
4225 Inquiry Clerks
4226 Receptionists :general;
4227 Survey and Market Research Interviewers
< . + % & !'

43 Numerical and Material Recording Clerks
431 Numerical Clerks
4311 Accounting and Bookkeeping Clerks
? <
4313 Payroll Clerks
432 Material Recording and Transport Clerks
4321 Stock Clerks
4322 Production Clerks
4323 Transport Clerks

44 Other Clerical Support Workers
441 Other Clerical Support Workers
4411 Library Clerks
4412 Mail Carriers and Sorting Clerks
) Y
4414 Scribes and Related Workers
4415 Filing and Copying Clerks
4416 Personnel Clerks
+ % & !'

5 Services and Sales Workers

51 Personal Services Workers
@ " J
5111 Travel Attendants and Travel Stewards
5112 Transport Conductors
5113 Travel Guides
512 Cooks
5120 Cooks

513 Waiters and Bartenders
5131 Waiters
5132 Bartenders
, Y +
5141 Hairdressers
5142 Beauticians and Related Workers
515 Building and Housekeeping Supervisors
' & (-
lishments
5152 Domestic Housekeepers
5153 Building Caretakers
516 Other Personal Services Workers
* " ? \ Y +
5162 Companions and Valets
5163 Undertakers and Embalmers
5164 Pet Groomers and Animal Care Workers
5165 Driving Instructors
*) + % & !'

52 Sales Workers
521 Street and Market Salespersons
5211 Stall and Market Salespersons
5212 Street Food Salespersons
522 Shop Salespersons
5221 Shopkeepers
5222 Shop Supervisors
5223 Shop Sales Assistants
523 Cashiers and Ticket Clerks
5230 Cashiers and Ticket Clerks
524 Other Sales Workers
5241 Fashion and Other Models
5242 Sales Demonstrators
5243 Door-to-door Salespersons
5244 Contact Centre Salespersons
5245 Service Station Attendants
5246 Food Service Counter Attendants
+ % & !'

53 Personal Care Workers
531 Child Care Workers and Teachers Aides
5311 Child Care Workers
5312 Teachers Aides
532 Personal Care Workers in Health Services
5321 Health Care Assistants
5322 Home-based Personal Care Workers
) + ' % & !'

54 Protective Services Workers
541 Protective Services Workers
? '
)
5413 Prison Guards
5414 Security Guards
) + % & !'

6 Skilled Agricultural, Forestry and Fishery Workers

61 Market-oriented Skilled Agricultural Workers
611 Market Gardeners and Crop Growers
6111 Field Crop and Vegetable Growers
6112 Tree and Shrub Crop Growers

6113 Gardeners| Horticultural and Nursery Growers
6114 Mixed Crop Growers
612 Animal Producers
6121 Livestock and Dairy Producers
6122 Poultry Producers
6123 Apiarists and Sericulturists
* " .) % & !'
613 Mixed Crop and Animal Producers
6130 Mixed Crop and Animal Producers
62 Market-oriented Skilled Forestry, Fishery and Hunting Workers
621 Forestry and Related Workers
6210 Forestry and Related Workers
* ? ' $ + @
6221 Aquaculture Workers
6222 Inland and Coastal Waters Fishery Workers
6223 Deep-sea Fishery Workers
6224 Hunters and Trappers
63 Subsistence Farmers, Fishers, Hunters and Gatherers
631 Subsistence Crop Farmers
6310 Subsistence Crop Farmers
632 Subsistence Livestock Farmers
6320 Subsistence Livestock Farmers
633 Subsistence Mixed Crop and Livestock Farmers
6330 Subsistence Mixed Crop and Livestock Farmers
* (? ' @ J '
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7 Craft and Related Trades Workers

71 Building and Related Trades Workers (excluding Electricians)
711 Building Frame and Related Trades Workers
7111 House Builders
7112 Bricklayers and Related Workers
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[ ) ? ' Y +
[Z
[, ? . Y @ + % & !'
712 Building Finishers and Related Trades Workers
7121 Roofers
7122 Floor Layers and Tile Setters
7123 Plasterers
7124 Insulation Workers
7125 Glaziers
7126 Plumbers and Pipe Fitters
7127 Air Conditioning and Refrigeration Mechanics
[ ) , Y @ +
7131 Painters and Related Workers
7132 Spray Painters and Varnishers
7133 Building Structure Cleaners
72 Metal, Machinery and Related Trades Workers
[' / + / + Y +
7211 Metal Moulders and Coremakers
7212 Welders and Flame Cutters
7213 Sheet Metal Workers
7214 Structural Metal Preparers and Erectors
7215 Riggers and Cable Splicers
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[, . ' .. . ' ?) +

7222 Toolmakers and Related Workers
7223 Metal Working Machine Tool Setters and Operators
[/) ' +' J @ '
723 Machinery Mechanics and Repairers
7231 Motor Vehicle Mechanics and Repairers
7232 Aircraft Engine Mechanics and Repairers
7233 Agricultural and Industrial Machinery Mechanics and Repairers
7234 Bicycle and Related Repairers
73 Handicraft and Printing Workers
731 Handicraft Workers
7311 Precision-instrument Makers and Repairers
7312 Musical Instrument Makers and Tuners
[Z ! $) / +
7314 Potters and Related Workers
[J / J ? '
[* ! #) & & '
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732 Printing Trades Workers
7321 Pre-press Technicians
7322 Printers
7323 Print Finishing and Binding Workers
74 Electrical and Electronics Trades Workers
741 Electrical Equipment Installers and Repairers
7411 Building and Related Electricians
7412 Electrical Mechanics and Fitters
7413 Electrical Line Installers and Repairers
742 Electronics and Telecommunications Installers and Repairers
7421 Electronics Mechanics and Servicers
7422 Information and Communications Technology Installers and Servicers
75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers
751 Food Processing and Related Trades Workers
[, ' ? '. Y ?)
[,) $\ $ /
7513 Dairy Products Makers
[? _ (Y)
7515 Food and Beverage Tasters and Graders
7516 Tobacco Preparers and Tobacco Products Makers
[+ @ (\. Y @ +
7521 Wood Treaters
7522 Cabinet-makers and Related Workers
7523 Woodworking Machine Tool Setters and Operators
753 Garment and Related Trades Workers
[@ # . ?
7532 Garment and Related Patternmakers and Cutters
[! &.($ Y +
7534 Upholsterers and Related Workers
[ ) # @ ? .
7536 Shoemakers and Related Workers
754 Other Craft and Related Workers
7541 Underwater Divers
[' ,
7543 Product Graders and Testers :excluding Foods and Beverages;
7544 Fumigators and Other Pest and Weed Controllers
[Y + % & !'

8 Plant and Machine Operators and Assemblers

81 Stationary Plant and Machine Operators

811 Mining and Mineral Processing Plant Operators

8111 Miners and }uarriers

8112 Mineral and Stone Processing Plant Operators

8113 Well Drillers and Borers and Related Workers

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812 Metal Processing and Finishing Plant Operators

8121 Metal Processing Plant Operators

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813 Chemical and Photographic Products Plant and Machine Operators

8131 Chemical Products Plant and Machine Operators

8132 Photographic Products Machine Operators

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8141 Rubber Products Machine Operators

8142 Plastic Products Machine Operators

8143 Paper Products Machine Operators

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8152 Weaving and Knitting Machine Operators

8153 Sewing Machine Operators

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8155 Fur and Leather Preparing Machine Operators

8156 Shoemaking and Related Machine Operators

8157 Laundry Machine Operators

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816 Food and Related Products Machine Operators

8160 Food and Related Products Machine Operators

817 Wood Processing and Papermaking Plant Operators

8171 Pulp and Papermaking Plant Operators

8172 Wood Processing Plant Operators

818 Other Stationary Plant and Machine Operators

8181 Glass and Ceramics Plant Operators

8182 Steam Engine and Boiler Operators

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]] $) / ' % & !'

82 Assemblers

821 Assemblers

8211 Mechanical Machinery Assemblers

8212 Electrical and Electronic Equipment Assemblers

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83 Drivers and Mobile Plant Operators

831 Locomotive Engine Drivers and Related Workers

8311 Locomotive Engine Drivers

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8321 Motorcycle Drivers

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833 Heavy Truck and Bus Drivers

8331 Bus and Tram Drivers

8332 Heavy Truck and Lorry Drivers

834 Mobile Plant Operators

8341 Mobile Farm and Forestry Plant Operators

8342 Earthmoving and Related Plant Operators

] Y)

8344 Lifting Truck Operators
835 Ships Deck Crews and Related Workers
8350 Ships Deck Crews and Related Workers

9 Elementary Occupations

91 Cleaners and Helpers
#.
9111 Domestic Cleaners and Helpers
' & ('.
_' + ! Q $ ' +
9121 Hand Launderers and Pressers
9122 Vehicle Cleaners
9123 Window Cleaners
9129 Other Cleaning Workers

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" ? $? ' $ Q (
9211 Crop Farm Labourers
9212 Livestock Farm Labourers
9213 Mixed Crop and Livestock Farm Labourers
9214 Garden and Horticultural Labourers
9215 Forestry Labourers
9216 Fishery and Aquaculture Labourers

$ ' * * + /
931 Mining and Construction Labourers
9311 Mining and }uarrying Labourers
9312 Civil Engineering Labourers
9313 Building Construction Labourers
932 Manufacturing Labourers
9321 Hand Packers
/ Q (% & !'
933 Transport and Storage Labourers
9331 Hand and Pedal Vehicle Drivers
9332 Drivers of Animal-drawn Vehicles and Machinery
9333 Freight Handlers
9334 Shelf Fillers

94 Food Preparation Assistants
941 Food Preparation Assistants
9411 Fast Food Preparers
9412 Kitchen Helpers

95 Street and Related Sales and Services Workers
951 Street and Related Services Workers
9510 Street and Related Services Workers
952 Street Vendors :excluding Food;
9520 Street Vendors :excluding Food;

96 Refuse Workers and Other Elementary Workers
961 Refuse Workers
9611 Garbage and Recycling Collectors
9612 Refuse Sorters
9613 Sweepers and Related Labourers
962 Other Elementary Workers
* /) # Q)
9622 Odd-~ob Persons
9623 Meter Readers and Vending-machine Collectors
9624 Water and Firewood Collectors
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0 Armed Forces Occupations

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03 Armed Forces Occupations, Other Ranks
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PART III

DEFINITIONS OF MAJOR GROUPS, SUB-MAJOR GROUPS, MINOR GROUPS AND UNIT GROUPS

Ma~or Group 1

MANAGERS

.BOBHFST QMBO EJSFDU DPPSEJWOJBUJFTBPGEFFOWUBFMSVQSUJFFUIFHPW
ments and other organizations, or of organizational units within them, and formulate and
SFWJFX UIFJS QPMJDJFT MBXT SSWMPSNBBOEDFHOVMBTUJPODTDV$
UJPOT JO UIJT NBKPS HSPVQ SFRVJSFMTMTMJFMWFTMBUFYUDFQUPVGSPS *4V$
(SPVQ)PTQJUBMJUZ 3FUBJM BOEXOIUJDFST4EFMWJDEFUUBFOBJHFSSET *4GPS
TLJMM MFWFM BSF HFOFSBMMZ SFRVJSFE

5BTLT QFSGPSNFE CZ NBOBHFST VTVBWMJMTZJOEDPNOVEFF QPMSNDVEXMBCVEHHFE
MBXT BOE SFHVMBUJPOT PG FOUFSQSJUT[BTUJPHBVMSVOJFOUTTFBOBCPNJFF
PCKFDUJWFT BOE TUBOEBSET BOE GNPS NBVOEBQUFJOJHDJBFOTEBFOWBQVSVPB
DFEVSFT GPS UIFJS JNQMFNFOUBUJPBOEFQSVSJFDEHVSBFQTQBBBQSEJFBWJFMTPZQ
BOE JNQMFNFOUFE UP QSPWJEF CVEHFUBMS ZIVDNBOUSPMOE BnVOBPSJ[JBO
SFTPVSDFT UP JNQMFNFOU QPMJDJFT BWOB MQVSBPUHJSOBHNNQFFTS GNPFSONJBUOPDSF
PG UIF PSHBOJ[BUJPO PS FOUFSQBSQJOTSPBWOJEO HP GU IJFU TFTMUFBD U JTFFOMPD
FOTVSJOH DPNQMJBODF XJUI IFBMUI GBEEBTDEEGIE UJSZFSDFURJVOJHSFENBFJOMUZT PQ
BUJPOT SFQSFTFOUJOH BOE OFHPUJUBUFJOUHFBQSCJFTIFBMSG PSGHBDFJ[BPUWJP
unit managed in meetings and other forums.

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBSVFCDNMBKTPTJmHFSEPVJQTUP UIF GPM

11 Chief Executives, Senior Officials and Legislators

12 Administrative and Commercial Managers

13 Production and Specialized Services Managers

14 Hospitality, Retail and Other Services Managers

Notes

*O EJTUJOHVJTIJOH CFUXFFO NBOBH.BSSTBHDFMSBTTTBJOnEFEVJQOFSBWKJPTPS(SPVQTBT
JO PUIFS NBKPS HSPVQT JU TIPVME CEFTOVPQUFFSEWUJTBPSUCPNUBZNQQMBKOFSPTSBHOJ[F DPPS
JOBUF DPOUSPM BOE EJSFDU UIF XPNSELOBHHFSTCZVPVBFMSMTZ *HBWBFESJFUJQPOOTJCJMJU
BOE NBLF EFDJTJPOT BCPVU UIF PWFSBSMFMDUUSGBUPGHBDCBOEOFQTFSPSSUPSOHBMJ[BUJPO
VOJU GPS FYBNQMF BCPVU UIF LJOETURPVBCOFUQUSZPBVDEFREVBMCJVEZHPTGTHPPEX NVDI
NPOFZ JT UP CF TQFOU BOE GPS XBQUQ PQUVOSUQNFTOFUT BOBEOE JUTNFJTTFBMNFDPUGJPTO
4VQFSWJTPST NBZ QSPWJEF BEWJDF BFOTEFENTBUJUTUBDDFTUQFNBBMMEZSJTOPSFWIBUJP
TUB TFMFDUJPO BOE EJTNJTTBM CEVFUDJETPJPOPTU IBWF BVUIPSJUZ UP NBLF

*U TIPVME CF OPUFE UIBU JU JT OPUOBHGSDFIBTWBSZSDTPQOEOJUJPOMUJUBZ NBS BMM U
TUSBUFHJD BOE PQFSBUJPOBM EJSFDBUJPOE JTCMEHFBTBM BSDIEF TEUFBHSTFFM PIGUBVOPOPI
UIFZ FYFSDJTF NBZ BMTP WBSZ 5IFSDWSJTUJDSTBNBSEFJ SFSTFQPDFTJUTCMFBPUMVZQGPS UIF T
WJTJPO PG UIF BDUJWJUJFT PG PUIFSPXPFSSLBFSMTM SXFFTQFBOTTNGDJDMBJHUFZSTGPSWUIF PQFS
of an organizational unit.

Sub-ma~or Group 11

Chief Executives, Senior Officials and Legislators

$IJFG FYFDVUJWFT TFOJPS P DJBMT BMMWJBDUJFTT HQPTMJBDUJFTT NO
EJSFDU DPPSEJOBUF BOE FWBMVBUF PUIFS PSHBOJ[BUJPOT BOE QMBO
organizations with the support of other managers. Competent performance in most occupa-
UJPOT JO UIJT TVC NBKPS HSPVQ SFRVJSFNFOUT MJFJWFMT BU UIF GPVSUI

5BTLT QFSGPSNFE CZ XPSLFST JO VUJMJUJFT QSPEVDUJPO PG HPPET
UJDJQBUJOH JO UIF QSPDFFEJOHTEPS FMFDUSJDJUZ HBT XBUFS
MBUJOH BOE BEWJTJOH PO UIF QPMJDJFT BOE QSPDFEVSFT GPS UIF
BOE PUIFS PSHBOJ[BUJPOT FTUBCMJTIJOH PCKFDUJWFT PG DPOTUSV
BHFODJFT BOE PUIFS PSHBOJ[BUJPOT XBTUFXBUFS TZTUFNT BOE
QPMJDJFT BOE QSPDFEVSFT GPS UIF QSPWJTJPO PG TFSWJDFT
DFEVSFT BSF EFWFMPQFE BOE JNQMFNFOUFE UP FOTVSF UIBU QSPE
IVNBO BOE mOBODJBM SFTPVSDFT UP JFNTQMFNFOU UIF QSPHSBN
BUJOH QFSGPSNBODF PG UIF PSHBOJ[BUJPOT TUBU QFSGPSNJOH DFSFNPOJFT BOE QSPWJEF WFSFSQOSFFE PUJ
HBOJ[BUJPO PS DPNNVOJUZ BU P DJBMPRUDJBBUJPOPOTT BOE WJEONUFJPOJTOB
public hearings.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSXJOQSFODPMSBHTFEmQE JOUP UIF

111 Legislators and Senior Officials

112 Managing Directors and Chief Executives

Minor Group 111

Legislators and Senior Officials

-FHJTMBUPST BOE TFOJPS P DJBMT BFOUEFSJNSJFDFU GJPSNXQBMUFSFBDEWBUJ
PG QPMJDJFT PG OBUJPOBM TUBUFS SFPHNJNPVOEMUJFSTMPBOEM FBWFQSEI
JOUFSFTU PSHBOJ[BUJPOT 5IFZ NBLFVSEMUDGSZVMBFNTFEEP SFSHFVQMFBU
BOE QMBO PSHBOJ[F EJSFDU DPOUJSWMUBEE FGWBHMPWBFUSFONFFOEWEFSQ
ments and agencies, traditional communities and special-interest organizations.

5BTLT QFSGPSNFE VTVBMMZ JODMVEH JQQSPUJFEJQQSHPEWFS JPSH QBSGJNE
MBUJWF CPEJFT BOE BENJOJTUSBUJWE UDJPWFO DBJTMTF NG MHJPWTF SMONEGW
NVOJUJFT BOE TQFDJBM JOUFSFTU PSHBOJ[BUJPOT BOE JTPMBUFE SBUJVSBW
P DJBM DPNNJUUFFT JOWFTUJHBUJOE BOE UQFSPTNPG JDDHOOFFSOWF
PG DPOTUJUVFOUT GPSNVMBUJOH BOE VEEHWFJTTJONHBXO BOE WFSSFHNVMBU
UJPOT FTUBCMJTIJOH PCKFDUJWF TP SFBSQ SPWOO[HB UBJDEO WBBOMEV
QSPHSBNNFT BOE QPMJDJFT BOE QSPDFSVSPTNGPSEUJGHS SNQNFXJFOHU B
FWBMVBUJOH BOE BQQSPWJOH EPDVNEFOTTVSS OHGBQBQSEP SSQBPUSU T Z
UFNT BOE QSPDFEVSFT BSF EFWFMPQEHEFBOE SZJNQMFSNFMUBEM MUPPDQSJ
UIF VTF PG DPNNVOBM MBOE BOE PUIFSDSBFMPEVSUDJFTT QOE SGSPFSQNSJFOTHFOE S
UIF HPWFSONFOU PSHBOJ[BUJPO PS DOPEN NJVONEZUBHOHPT DJDBFMHPUDJD B
BUJPOT DPOWFOUJPOT BOE QVCMJD IFBSJOHT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSOE JDDMHBSTFVQFE JOUP UIF GPM

1111 Legislators

1112 Senior Government Officials

1113 Traditional Chiefs and Heads of Villages

1114 Senior Officials of Special-interest Organizations

Unit Group 111

Legislators

Legislators determine, formulate and direct pol-
JDJFT PG OBUJPOBM TUBU-F
NFOUT BOE JOUFSOBUJPOBM
and make, ratify, amend or repeal laws, public
SVMFT BOE SFHVMBUJPOT 5IFZ
non-elected members of parliaments, councils
BOE HPWFSONFOUT
5BTLT JODMVEF o
B QSFTJEJOH PWFS P-S
DFFEJOHT PG MFHJTM-BUJWF
USBUJWF DPVODJMT PG OBUJPOBM
MPDBM HPWFSONFOUT PS
(b) determining, formulating and directing pol-
JDJFT PG OBUJPOBM TUBUF
FSONFOUT
(c) making, ratifying, amending or repealing
laws, public rules and regulations within a
TUBUVUPSZ PS DPOTUJUVUJPOBM
E TFSWJOH PO HPWFSONFOU
PS P DJBM DPNNJUUFFT
F JOWFTUJHBUJOH NBUUFST
and promoting the interests of the constitu-
FODJFT XIJDI UIFZ SFQSFTFOU
(f) attending community functions and meet-
JOHT UP QSPWJEF TFSWJDF
VOEFSTUBOE QVCMJD-PQJOJ
GPSNBUJPO PO HPWFSONFOU
(g) negotiating with other legislators and rep-
SFTFOUBUJWFT PG JOUFSFTU
reconcile differing interests, and to create
QPMJDJFT BOE BHSFFNFOUT
I BT NFNCFST PG UIF HPWFS-
TFOJPS BENJOJTUSBUPST BOE
ment departments and agencies in the inter-
QSFUBUJPO BOE JNQMFNFOUBUJPO
policies.

Examples of the occupations classi ed here:

City councillor
(PWFSONFOU NJOJTUFS
.BZPS
.FNCFS PG QBSMJBNFOU
1SFTJEFOU HPWFSONFOU
Secretary of state
Senator
4UBUF HPWFSOPS

Unit Group 1112

Senior Government Officials

4FOJPS HPWFSONFOU P DJBMT
PO QPMJDZ NBUUFST
BOE JNQMFNFOUBUJPO PG HPW-

MFHJTMBUJPO CZ HPWFSONFOU EFQBSUN
cies, represent their country abroad and act on its
CFIBMG PS DBSSZ PVU T-JNJMBS UBT
NFOUBM PSHBOJ[BUJPOT 5IFZ QMBO PSHB
PPHUSPMMBOS FWBMVBUF
EFQWFMPQNFOU PMJDJFT BM BOE OBUJP
departments, boards, agencies or commissions in
accordance with legislation and policies; estab-
MJTIFE CZ HPWFSONFOU BOE MFHJTMB
5BTLT JODMVEF o
B BEWJTJOH OBUJPOBM TUBUF SFHJP
QBSUJDJQBUJOH JO JOUFSOBUJPOBM PO QP
DPVOUSJFT PG MFHJTMBUJWF
USBUJWF DPVODJMT PG OBUJPOBM
MPDBM HPWFSONFOUT PS
(b) determining, formulating and directing pol-
JDJFT PG OBUJPOBM TUBUF
FSONFOUT
(c) making, ratifying, amending or repealing
laws, public rules and regulations within a
TUBUVUPSZ PS DPOTUJUVUJPOBM
E TFSWJOH PO HPWFSONFOU
PS P DJBM DPNNJUUFFT
F JOWFTUJHBUJOH NBUUFST
and promoting the interests of the constitu-
FODJFT XIJDI UIFZ SFQSFTFOU
(f) attending community functions and meet-
JOHT UP QSPWJEF TFSWJDF
VOEFSTUBOE QVCMJD-PQJOJ
GPSNBUJPO PO HPWFSONFOU
(g) negotiating with other legislators and rep-
SFTFOUBUJWFT PG JOUFSFTU
reconcile differing interests, and to create
QPMJDJFT BOE BHSFFNFOUT
I BT NFNCFST PG UIF HPWFS-
TFOJPS BENJOJTUSBUPST BOE
ment departments and agencies in the inter-
QSFUBUJPO BOE JNQMFNFOUBUJPO
policies.

Examples of the occupations classi ed here:

City councillor
(PWFSONFOU NJOJTUFS
.BZPS
.FNCFS PG QBSMJBNFOU
1SFTJEFOU HPWFSONFOU
Secretary of state
Senator
4UBUF HPWFSOPS

Unit Group 1112

Senior Government Officials

4FOJPS HPWFSONFOU P DJBMT
PO QPMJDZ NBUUFST
BOE JNQMFNFOUBUJPO PG HPW-

MFHJTMBUJPO CZ HPWFSONFOU EFQBSUN
cies, represent their country abroad and act on its
CFIBMG PS DBSSZ PVU T-JNJMBS UBT
NFOUBM PSHBOJ[BUJPOT 5IFZ QMBO PSHB
PPHUSPMMBOS FWBMVBUF
EFQWFMPQNFOU PMJDJFT BM BOE OBUJP
departments, boards, agencies or commissions in
accordance with legislation and policies; estab-
MJTIFE CZ HPWFSONFOU BOE MFHJTMB
5BTLT JODMVEF o
B BEWJTJOH OBUJPOBM TUBUF SFHJP
QBSUJDJQBUJOH JO JOUFSOBUJPOBM PO QP
DPVOUSJFT PG MFHJTMBUJWF
USBUJWF DPVODJMT PG OBUJPOBM
MPDBM HPWFSONFOUT PS
(b) determining, formulating and directing pol-
JDJFT PG OBUJPOBM TUBUF
FSONFOUT
(c) making, ratifying, amending or repealing
laws, public rules and regulations within a
TUBUVUPSZ PS DPOTUJUVUJPOBM
E TFSWJOH PO HPWFSONFOU
PS P DJBM DPNNJUUFFT
F JOWFTUJHBUJOH NBUUFST
and promoting the interests of the constitu-
FODJFT XIJDI UIFZ SFQSFTFOU
(f) attending community functions and meet-
JOHT UP QSPWJEF TFSWJDF
VOEFSTUBOE QVCMJD-PQJOJ
GPSNBUJPO PO HPWFSONFOU
(g) negotiating with other legislators and rep-
SFTFOUBUJWFT PG JOUFSFTU
reconcile differing interests, and to create
QPMJDJFT BOE BHSFFNFOUT
I BT NFNCFST PG UIF HPWFS-
TFOJPS BENJOJTUSBUPST BOE
ment departments and agencies in the inter-
QSFUBUJPO BOE JNQMFNFOUBUJPO
policies.

Examples of the occupations classi ed here:

"NCBTTBEPS
City administrator
$POTVM HFOFSBM
Consul-general
%JSFDUPS HFOFSBM HPWFSONFOU
%JSFDUPS HFOFSBM JOUFSHPWFSON
organization)
Fire commissioner
Inspector-general (police)
1FSNBOFOU IFBE HPWFSONFOU
Police chief constable
Police commissioner
4FDSFUBSZ HFOFSBM HPWFSONFOU
administration)
6OEFS TFDSFUBSZ HPWFSONFOU

Note

Unit Group 1113

Traditional Chiefs and Heads of Villages

5SBEJUJPOBM DIJFGT BOE IFBE5TBFG GTWJJMMBHFT oQFSGPSN B WBSJFUZ PG MFHJTMBUJ-WF emonial tasks and duties, determined by ancient USBEJUJPOT BT XFMM BT CZ (b) SFTQPOTJCJMJUJFT CFUXFFO local, regional and national authorities.

5BTLT JODMVEF o

(a) allocating the use of communal land and other resources among households in the DPNNVOJUZ PS WJMMBHF

(b) collecting and distributing surplus produc- UJPO PG UIF DPNNVOJUZ PS

(c) settling disputes between members of the DPNNVOJUZ PS WJMMBHF

(d) disciplining members of the community or WJMMBHF GPS WJPMBUJPO

(e) performing ceremonial duties in connection XJUI CJSUIT NBSSJBHFT PUIFS JNQPSUBOU PDDBTJPOT

G SFQSFTFOUJOH UIF DPNN MPDBM PS SFHJPOBM DPVODJMT

H JOGPSNJOH UIF DPNNVOJUZ HPWFSONFOU SVMFT BOE

Examples of the occupations classi ed here:

Village chief
Village head

industry associations, humanitarian or charity organizations, or sports associations, and represent their organizations and act on their behalf.

5BTLT QFSGPSNFE

(a) EFWFMPQJOH BOE JNQMFNFOUJOH QPMJDJFT

(b) QMBOOJOH EJSFDUJOH BOE DPPSEJOBUJOH UIF

D SFWJFXJOH UIF PQFSBUJPOT BO organization and reporting to boards of EJSFDUPST BOE HPWFSOJOH CPEJFT

(d) negotiating on behalf of the organization, JUT NFNCFST BOE SFMFWBOU TQFD

(e) promoting the interests of the organization, JUT NFNCFST BOE SFMFWBOU TQFD

(f) planning, organizing and directing sections

(g) ensuring appropriate systems and procedures

the organization or enterprise against estab-

(i) representing the organization at o cial occasions and board meetings, in negotiations and

Examples of the occupations classi ed here:

Chairperson, trade union
Leader, political party
President, political party
protection organization
Secretary-general, human rights organization

Minor Group 112

Managing Directors and Chief Executives

they are answerable for the operations undertaken and results.

FYQFOEJUVSF BOE FOTVSJOH UIF F DJFOUWBUFSSFBMS FITVNBSOD BTOEBV
mOBODJBM SFTPVSDFT UP JNQMFNFOUSPBSNHBFTJ[BUPJOPJDUBMS JQOHMJBDJFT
FWBMVBUJOH QFSGPSNBODF PG UIF PSHBOJ[BUJPO DPNQMJTIFE XJUI TFOJPSTVCPSEJO
QPMJDJFT DPOTVMUJOH XJUI TFOJPSSTVCPPSNEEJOBUUJPOBTT BOEESSW
QPSUT SFQSFTFOUJOH UIF PSHBOJ[BUJPO PTDBBKNE PBDDBTPJOWOFOU
TFNJOBST QVCMJD IFBSJOHT BOE GFSVNFDUFMFDUPJOHFPSBSQOSB
FOTVSJOH UIF PSHBOJ[BUJPO DPNQMJBSFHXJUBUSJPMOFTW BOU MFHJTMBU

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQE JOUP UIF GPM

1120 Managing Directors and Chief Executives

Unit Group 1120

Managing Directors and Chief Executives

.BOBHJOH EJSFDUPST BOE DIJFG FYFDVUJWFT
BOE SFWJFX UIF QPMJDJFT BOE PWFSBMM QPMJDJFT
JOBUF BOE FWBMVBUF UIF PWFSBMM QFSGPSNBODF PG FOUFS
QSJTFT PS PSHBOJ[BUJPOT
PSHBOJ[BUJPOT BOE HPWFSONFOUBMF FQBSUNFOUT XJUI
the support of other managers, usually within guidelines established by a board of directors
PS B HPWFSOJOH CPEZ UP XIPN UIFZ BSF BOTXFS
able for the operations undertaken and results.

5BTLT JODMVEF o

(a) planning, directing and coordinating the general functioning of an enterprise or or-HBOJ[BUJPO

C SFWJFXJOH UIF PQFSBUJPOT BOE SFTVMUT PG UIF enterprise or organization and reporting to
CPBSET PG EJSFDUPST BOE HPWFSOJOH CPEJFT

D EFUFSNJOJOH PCKFDUJWFT TUSBUFHJFT OPMJDJFT and programmes for the enterprise or organ-J[BUJPO

E QSPWJEJOH PWFSBMM MFBEFSTIJQ BOE NBOBHF-NFOU UP UIF FOUFSQSJTF PSHBOJ[BUJPO

(e) establishing and managing budgets, control-MJOH FYQFOEJUVSF BOE FGGFDUJWF VTF PG SFTPVSDFT

(f) authorizing material, human and nancial resources to implement organizational pol-JDJFT BOE QSPHSBNNFT

H NPOJUPSJOH BOE FWBMVBUJOH PQFSGPSNBODF PG the organization or enterprise against estab-MJTIFE PCKFDUJWFT BOE QPMJDJFT

I DPOTVMUJOH XJUI TFOJPS TVCPSEJO
SFWJFXJOH SFDPNNFOEBUJPOT BOE S

(i) representing the organization at o cial oc-casions and in meetings with
BOE QBSUJDJQBUJOH JO CVTJOFTT Q
JOBUJPOT BOE FWFOUT PG FOUFS
FYDIBOHFT PG JOGPSNBUJPO BOE QSFTFOUJOH TFM
PSHBOJ[BUJPOT BOE HPWFSONFOUBM BHFODJFT XJUI
(k) ensuring the organization complies with
SFMFWBOU MFHJTMBUJPO BOE SFHV

Examples of the occupations classi ed here:

$IJFG FYFDVUJWF
.BOBHJOH EJSFDUPS
Regional manager

Note

Regional managers and other senior managers who
DPPSEJOBUF BOE TVQFSWJTF UIF BDUJWJ
NBOBHFST XIP IBWF B EJWFSTF-SBOHF PG GVOD
PJCJMJUJFT BSF JODMVEFE JO 6OJU (SPVQ
specialized functions within a speci c geographic area
TBMFT NBOBHFST BSF DMBTTJmFE JO 6OJU (SP
BOE .BSLFUJOH .BOBHFST +PC-T XIPTF QSJOD
sibility is to participate as a member of the board of directors of one or more enterprises or organizations are
JODMVEFE JO 6OJU (SPVQ .BOBHJOH %JSF
$IJFG &YFDVUJWFT $IJFG FYFDVUJWFT PG HPWF
FOUFSQSJTFT BSF JODMVEFE JO 6OJU (SPVQ
PWFSBMM QPMJDJFT BOE $IJFG &YFDVUJWFT

Sub-ma~or Group 12

Administrative and Commercial Managers

"ENJOJTUSBUJWF BOE DPNNFSDJBM NBOBHFST QMBO BOE EJSFDU PSHBOJTF BOE NBOBHF UIFJS PXO XPSL BOE UIF XPSL PG PUIFST XIP QSPWJEF BEWJDF BOE TVQQPSU UP PUIFS XPSLFST JO UIFJS PSHBOJTBUJPO PS FOUFSQSJTFT UIBU QSPWJEF BENJOJTUSBUJWF BOE TVQQPSU TFSWJDFT

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ JODMVEF DPMMFDUJOH BOE EJTUSJCVUJOH JOGPSNBUJPO BOE QSPWJEJOH BEWJDF UP UIF QVCMJD BOE PSHBOJTBUJPOT NFNCFST

UFSJOH QPMJDZ BEWJDF BOE TUSBUFHJD QMBOOJOH BOE BENJOJTUSBUJWF QSPDFEVSFT TVQQMZJOH BOE BENJOJTUSBUJWF QSPDFEVSFT UP TFDVSF NBUFSJBMT BOE TFSWJDFT JO BDDPSEBODF XJUI QSPWJEJOH BEWJDF UP UIF QVCMJD SFMBUJPOT NBOBHJOH QVCMJD SFMBUJPOT TUBGG BOE PSHBOJTBUJPOT

TBMFT BDUJWJUJFT QSPEVDU NJY BOE JDDVHTQPSNJDFTT BSSBOHFNFOUT FOTVSJOH DPNQMJBODF XJUI UBY PCMJHBUJPOT BOE QFSGPSNBODF TUBOEBSET

TFMFDUJPO USBJOJOH BOE QFSGPSNBODF DPFWBMVBUJPO BSSBOHFNFOUT DPPSEJOBUJOH XJUI UIF DIJFG FYFDVUJWFT BOE QFSTPOOFM PG PUIFS

DPOUSPMMJOH FYQFOEJUVSF BOE FTUBCMJTIJOH QPMJDJFT BOE QSPDFEVSFT

PS PSHBOJ[BUJPO JO OFHPUJBUJPOTQVCMJD BENJOJTUSBUJPO

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF BOZ PUIFS

121 Business Services and Administration Managers

122 Sales, Marketing and Development Managers

Note

4QFDJBMJ[FE RVBMJmDBUJPOT BOE FYQFSJFODF BSF SFRVJSFE GPS NBOBHFST PG .BKPS (SPVQT 1SPGFTTJPOBMT PS .BK"PTTPDJBUFE UPDJBMPBMMBTTJmFE SFRVJSFE 3FHJPOBM NBOBHFST BOE PUIFS TVCQSPGFTTJPOBMT PG TVCPSEJOBUF NBOBHFST XIP IBWF TJHOJmDBOU SFTQPOTJCJMJUJFT JO (SPVQ .BOBHJOH %JSFDUPST BOE $IJFG &YFDVUJWFT

Minor Group 121

Business Services and Administration Managers

#VTJOFTT TFSWJDFT BOE BENJOJTUSBUJWF NBOBHFST QMBO BOE EJSFDU PSHBOJTF BOE NBOBHF UIFJS PXO XPSL BOE UIF XPSL PG PUIFST XIP QSPWJEF BEWJDF BOE TVQQPSU UP PUIFS XPSLFST JO UIFJS PSHBOJTBUJPO PS PG FOUFSQSJTFT UIBU QSPWJEF BENJOJTUSBUJWF TVQQPSU TFSWJDFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF QSPWJTJPOJOH NBJOUFOBODF BOE JNQSPWFNFOU PG CVJMEJOHT BOE mOBODJBM QMBOOJOH FTUBCMJTIJOH BOE JNQMFNFOUJOH NPOJUPSJOH BOE QSPWJEJOH BENJOJTUSBUJWF TVQQPSU TFSWJDFT JO NBOBHFST BOE CPBSE NFNCFST PO mOBODJBM QSJPSJUJFT BOE QPMJDJFT NBOBHJOH BOE DPPSEJOBUJOH UIF XPSL PG PUIFST

DPOUSPMMJOH TFMFDUJPO USBJOJOH BOE QFSGPSNBODF DPFWBMVBUJPO PG PUIFS XPSLFST JO UIFJS PSHBOJTBUJPO

OBODJBM PQFSBUJPOT DPOTVMUJOH XJUI UIF DIJFG FYFDVUJWFT BOE QFSTPOOFM PG TFDUJPOT DPOUSPMMJOH FYQFOEJUVSF BOE FTUBCMJTIJOH QPMJDJFT BOE QSPDFEVSFT

PS TFDUJPOT DPOUSPMMJOH FYQFOEJUVSF BOE FTUBCMJTIJOH QPMJDJFT BOE QSPDFEVSFT JO UIF PSHBOJ[BUJPO JO OFHPUJBUJPOTQVCDPOUSBDUJOH BOE QSPDVSFNFOU

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF BOZ PUIFS GPM

1211 Finance Managers

1212 Human Resource Managers

1213 Policy and Planning Managers

1219 Business Services and Administration Managers Not Elsewhere Classified

Unit Group 1211

Finance Managers

Finance managers plan, direct and coordinate the nancial operations of an enterprise or organization, in consultation with senior managers and with managers of other departments or sec-

UJPOT PS PG FOUFSQSJTF-T Uf) Establishing and directing operational and
WJDFT UP PUIFS FOUFSQSJTFT BOE MFWFM BOE GPS DPOT
5BTLT JODMVEF o XPSLFST PO DPOEJUJPOT PG FNQMPZN
(a) planning, directing and coordinating the - E PWFSTFFJOH TBGFUZ -IFBMUI BOE
nancial operations of an enterprise or organ- HSBNNFT BOE BDUJWJUJFT
J[BUJPO (e) establishing and managing budgets, control-
(b) assessing the nancial situation of the enter- MJOH FYQFOEJUVSF BOE FOTVSJOH
prise or organization, preparing budgets and VTF PG SFTPVSDFT
PWFSTFFJOH mOBODJBM PQFSBUJPOT (f) Establishing and directing operational and
D DPOTVMUJOH XJUI UIF DIGPSNFBYFDVUJWFUBBOEGXSUIF FOUJSP
NBOBHFST PG PUIFS EFQBSUNFOUT[BTJPO (j) consulting with senior management and with
(d) establishing and managing budgets, control- NWSJOHF UIPG PUIFSUEFQBSUNFOUT
MJOH FYQFOEJUVSF BOE FOTVSJOH (k) representing the enterprise or organization in
VTF PG SFTPVSDFT dealings with outside bodies.
(e) establishing and directing operational and
BENJOJTUSBUJWF QSPDFEVSFT Examples of the occupations classi ed here:
G QMBOOJOH BOE EJSFDUJOH PSHBOJ[BUJPOT Industrial relations manager
H PWFSTFFJOH UIF TFMF-DUJPO QFSGPS Personnel manager
NBODF PG TUB Recruitment manager
(h) representing the enterprise or organization in
dealings with outside bodies.

Examples of the occupations classi ed here:
Company secretary
Finance manager

Some related occupations classi ed elsewhere:
'JOBODJBM JOTUJUVUJPO PSBy and Banking Managers
'JOBODJBM DPOUSPMMFS oE JSFDU BOE DPPSEJOBUF QPMJDZ
.BOBHFNFOU BDDPVOUBOUUoFHJD QMBOOJOH BDUJWJUJFT XJUIJO
GPS OPO HPWFSONFOU PSHBOJ[BUJ
TFDUPS BHFODJFT PS NBOBHF UIF BDU
UFSQSJTFT UIBU QSPWJEF -QPMJDZ BOE
OJOH TFSWJDFT
5BTLT JODMVEF o
B EFWFMPQJOH JNQMFNFOUJOH BOE
strategic plans, programmes, policies, pro-
Unit Group 1212 DFTTFT TZTUFNT BOE QSPDFEVSFT
Human Resource Managers HPBMT PCKFDUJWFT BOE XPSL TUBOE
TBGFUZ BDUJWJUJFT PG BO FOUFSQSJTF UIBU QSPWJEFT TFSWJDFT UP PUIFS FOUFSQSJTFT
5BTLT JODMVEF o
Human resource managers plan, direct and co- (c) Coordinating the Implementation of policies
ordinate policies concerning the personnel, in- BOE QSBDUJDFT
dustrial relations and occupational health and E FTUBCMJTIJOH BDUJWJUZ NFBTVSFT
safety functions of an enterprise or organiza- QFSTPOOFM BOE JOEVTUSJBM NFDIBOJTNT UP QSPNPUF BDDFQUBCMF
tion, and include persons who plan, organize, F QMBOOJOH BOE EJSFDUJOH EBJMZ P
direct and coordinate the implementation of G MFBEJOH BOE NBOBHJOH UIF BDUJW
policies and practices of an enterprise or or- EFWFMPQNFOU BOE TUSBUFHJD QMBOO
HBOJ[BUJPO H PWFSTFFJOH UIF TFMF-DUJPO USBJ
(b) planning and organizing procedures for re- NBODF PG TUB
cruitment, training, promotion, transfer and (h) consulting with senior management and with
EJTNJTTBM PG TUB NBOBHFST PG PUIFS EFQBSUNFOUT
(c) planning and organizing negotiations and
procedures for determination of wage

Unit Group 1213

Policy and Planning Managers

(i) representing the enterprise or organization in OFHPUJBUJPOT BOE BU DPOWFOUJPOT BOE public hearings and forums.

Examples of the occupations classi ed here:
Corporate planning manager
Policy manager
Strategic planning manager

Unit Group 1219

Business Services and Administration Managers Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST-CVTJOFTT TFSWJDFT NBOBHFST PS PG BO FOUFSQSJTF ministration managers not classi ed elsewhere JO .JOPS (SPVQ #VTJOFTT TFSWJDFT NBOBHFST 'PS NJOJTUSBUJPO .BOBHFST 'PS includes occupations such as facilities manager, DMFBOJOH TFSWJDFT NBOBHFS FNQMPZFF PS ager of a department of a large enterprise and or- HBOJ[BUJPO PS PG BO FOUFSQSJTF BOE TFSWJDFT UP PUIFS FOUFSQSJTFT BOE PSHBOJ[BUJPOT

*O TVDI DBTFT UBTLT XPVME JODMVEF B QSPWJEJOH BENJOJTUSBUJWF BOE PQFSBUJPOBM TVQQPSU to senior management on matters such as the management of building facilities and ad- NJOJTUSBUJWF TFSWJDFT

C EFWFMPQJOH BOE NBOBHJOH UIF PS
D EFWFMPQJOH BOE JNQMFNFOUJOH E and procedural statements and guidelines for VTF CZ TUB JO UIF PSHBOJ[BUJPO
E BOBMZTJOH DPNQMFY SFTPVSDF JTTVFT BOE JOJUJBUJWFT UIBU E ization, and preparing associated reports, DPSSFTQPOEFODF BOE TVCNJTTJPOT
F QSPWJEJOH JOGPSNBUJPO BOE QSFQBSBUJPO PG mOBODJBM SFQPSUT
G MFBEJOH NBOBHJOH BOE EFWFMPQ USBUJWF TUB UP FOTVSF TNPPUI CV FSBUJPOT BOE UIF QSPWJTJPO P UJNFMZ JOGPSNBUJPO
(g) representing the enterprise or organization in OFHPUJBUJPOT BOE BU DPOWFOUJPO
(h) establishing and managing budgets, control- MJOH FYQFOEJUVSF BOE FOTVSJOH
K PWFSTFFJOH UIF TFMF-DUJPO USBJ

Examples of the occupations classi ed here:
4BMFT NBSLFUJOH BOE EFWFMPQNFOU NBOBHFST
Facilities manager

Minor Group 122

Sales, Marketing and Development Managers

4BMFT NBSLFUJOH BOE EFWFMPQNFOU NBOBHFST PSHBOJ[F BOE EJSFDU BEWFSUJTJOH QVCMJD SFMBUJPOT TFSWJDFT BOE PSHBOJ[BUJPOT FTUBCMJTI BOE FWBMVBUF QPMJDJFT BOE QSPDFEVSFT SFMBUJOH UP TBMFT BOE NBSLFUJOH BOE EFWFMPQNFOU PG TBMFT BOE NBSLFUJOH QSPEVDUT BOE TFSWJDFT and organizations.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF PMG UIF GPMMPXJOH UBTLT UP UIF FYUFOU UIBU UIFZ BSF QFSGPSNFE JO DPOOFDUJPO XJUI UIF TQFDJBMJ[FE NBOBHFSJBM PDDVQBUJPOT EJSFDUJOH UIF EFWFMPQNFOU PG TBMFT BOE NBSLFUJOH QSPEVDUT BOE TFSWJDFT FTUBCMJTIJOH TBMFT BOE NBSLFUJOH QPMJDJFT TFUUJOH QSJDFT BOE DSFEJU UFSNT BOE DPOEJUJPOT PG TBMF PG QSPEVDUT BOE TFSWJDFT DPPSEJOBUJOH BOE QFSGPSNJOH BEWFSUJTJOH QSPNPUJPOBM BOE QVCMJD SFMBUJPOT BOE FYIJCJUJPOT BOE PUIFS GPSVNT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF TJNJMBS UP UIPTF JOVP UIF GPM

1221 Sales and Marketing Managers

1222 Advertising and Public Relations Managers

1223 Research and Development Managers

Unit Group 1221

Sales and Marketing Managers

Sales and marketing managers plan, direct and DPPSEJOBUF UIF TBMFT BOE NBSLFUJOH BDUJWJUJFT PG TBMFT BOE NBSLFUJOH TUBF QMBOOJOH BOE EJSFDUJOH UIF BDUJWJUJFT PG TBMFT BOE NBSLFUJOH TUBG QMBOOJOH BOE EJSFDUJOH UIF BDUJWJUJFT PG TBMFT BOE NBSLFUJOH TUBH PWFSTFFJOH UIF TFMFDUJPO USBJOJOH BOE EFWFMPQNFOU PG TBMFT BOE NBSLFUJOH TUBI SFQSFTFOUJOH UIF FOUFSQSJTF PS PSHBOJ[BUJPO BU CVTJOFTT BOE QSPGFTTJPOBM NFFUJOHT BOE DPOGFSFODFT

an enterprise or organization, or of enterprises other enterprises and organizations.

5BTLT JODMVEF o

(a) planning and organizing special sales and marketing programmes based on sales re-DPSET BOE NBSLFU BTTFTTNFOUT

(b) determining price lists, discount and de-MJWFSZ UFSNT TBMFT QSPNPUJPO CVEHFUT TBMFT NFUIPET TQFDJBM JODFOUJWFT BOE EJTUSJCVUJPO BSSBOHFNFOUT

(c) establishing and directing operational and BENJOJTUSBUJWF QSPDFEVSFT PG TBMFT BOE NBSLFUJOH BDUJWJUJFT

(f) establishing and managing budgets and con-USPMMJOH FYQFOEJUVSF VTF PG SFTPVSDFT

(h) representing the enterprise or organization at TBMFT BOE NBSLFUJOH DPOWFOUJPOT BOE USBEF bitions and other forums.

Examples of the occupations classi ed here:

.BSLFUJOH NBOBHFS
Sales manager

Unit Group 1222

Advertising and Public Relations Managers

"EWFSUJTJOH BOE QVCMJD SFMBUJPOT NBOBHFST QMBOT BOE EJSFDUT BOE DPPSEJOBUFT UIF TBMFT BOE NBSLFUJOH BDUJWJUJFT PG FOUFSQSJTFT PS PSHBOJ[BUJPOT UIBU QSPWJEF TFSWJDFT UP PUIFS CVTJOFTT FOUFSQSJTFT BOE PSHBOJ[BUJPOT

5BTLT JODMVEF o

(a) planning, directing and coordinating the ad-WFSUJTJOH BOE QVCMJD SFMBUJPOT QPMJDJFT BOE QSPHSBNNFT PG FOUFSQSJTF PS PSHBOJ[BUJPO

C OFHPUJBUJOH BEWFSUJTJOH TQBDF XJUI OFXTQBQFST SBEJP BOE UFMFWJTJPO TUBUJPOT BOE DPOGF-rences and other events

(d) establishing and managing budgets, control-MJOH FYQFOEJUVSF BOE FOTVSJOH

(e) establishing and directing operational and BENJOJTUSBUJWF QSPDFEVSFT

G QMBOOJOH BOE EJSFDUJOH EBJMZ NBJOUFOBODF BOE DMFBOJOH TFSWJDFT BOE TVQQMJFT

(h) representing the enterprise or organization

Examples of the occupations classi ed here:

"EWFSUJTJOH NBOBHFS
Public Relations Manager

Unit Group 1223

Research and Development Managers

3FTFBSDI BOE EFWFMPQNFOU NBOBHFST QMBOT BOE EJSFDUT UIF BDUJWJUJFT PG FOUFSQSJTFT PS PSHBOJ[BUJPOT UIBU QSPWJEF SFMBUFE TFSWJDFT

5BTLT JODMVEF o

(a) planning, directing and coordinating re-TFBSDI BOE EFWFMPQNFOU BDUJWJUJFT PS DPNNJTTJPOFE GSPN FYUFSOBM PSHBOJ[BUJPOT UP EFWFMPQ OFX PS technical processes, products, knowledge, or WUJMJ[BUJPO PG NBUFSJBMT

C QMBOOJOH UIF PWFSBMM SFTFBSDI BOE EFWFMPQment programme of an enterprise or organization, specifying goals and budgetary SFRVJSFNFOUT

(d) establishing and managing budgets, control-MJOH FYQFOEJUVSF BOE FOTVSJOH

(e) establishing and directing operational and BENJOJTUSBUJWF QSPDFEVSFT

G QMBOOJOH BOE EJSFDUJOH EBJMZ NBJOUFOBODF BOE DMFBOJOH TFSWJDFT BOE TVQQMJFT

(h) representing the enterprise or organization

Examples of the occupations classi ed here:

1SPEVDU EFWFMPQNFOU NBOBHFS
Research manager

Sub-ma~or Group 13

Production and Specialized Services Managers

1 SPEVDUJPO BOE TQFDJBMJ[FE TFSPWSJEDJEDTBUNFBLOIBFHQFSSPTEVQDMUBJOPO EPJ
UIF HPPET BOE UIF QSPWJTJPO PG UUFDQOFJDDJBBMWJT[IFSEWQJSDPFGTFQTSJPPWOJBEMF
an enterprise or organization, either as the manager of a department or as the general manager
PG BO FOUFSQSJTF PS PSHBOJ[BUJPOG UNBLOBEHPFFSTTOPBLUFZBBWSFF BSFJTFQSPBQ
sible for manufacturing, mining, construction, logistics and information and communications
technology operations for large-scale agricultural, forestry and sheries operations, and for
UIF QSPWJTJPO PG IFBMUI FEVDBUJWSBCTDPEJBBOME XPFUMGSBSQFSPGBEFCTIJOPE
BOE UFDIOJDBM TFSWJDFT $PNQFUFODJTQJFSGUFSTNBTOVDCF NJBKNPBTHUSPDVD
SFRVJSFT TLJMMT BU UIF GPVSUI *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JOVUEIFJTQTMVBCONBKOPHSEHFSBVJQT
BDUJWJUJFT JO UFSNT PG PVUQVUUJTHFSWDJDFTU QUSJPNVFJMEJOEFTRVBOMEJUMZE
SFRVJSFNFOUT TFUUJOH TUBOEBSEPQBFOSEBHDKOFDPUGJVQFMTBCOUPHOSEPMGM
DFEVSFT BTTVSJOH RVBMJUZ PG UIPWHJPEPFEET QSPFQVBSEHDBOE OTEFSSWTJB
DPOUSBDU CJET FTUBCMJTIJOH BOE TNUBTOBHDEHBCEVKEVHTRUUTO HNBOJUUJPWS
QSPDFEVSFT BOE SFTPVSDFT UP NJTTJOJUNFJQFBODETJUTT UBWMPBUJFFOJ
OFX QMBOU BOE FRVJQNFOU DPPSEJOMBUJEBOHEUTIBGJFNUQZMSFNRYOJUSBFUNJPOU
QMBOOJOH BOE EJSFDUJOH EBJMPZO PQSBJBOJJOHO BOEPWQFSTGPSNOEE
PG TUB QSFQBSJOH PS BSSBOHJOHCVGEPHSF UTF BQDSEFQBSBDBFTO TPGS
TFOUJOH UIF FOUFSQSJTF PS PSHBOJ[BUJPOG JFOT OBHOEUBUBUJPOOWFXOJUJ
seminars, public hearings and forums.

0DDVQBUJPOT JO UIJT TVC NBKPS HBRVJQHBNJFODPNBHTFWQE JOUP UIF

131 Production Managers in Agriculture, Forestry and Fisheries

132 Manufacturing, Mining, Construction and Distribution Managers

133 Information and Communications Technology Services Managers

134 Professional Services Managers

Note

4QFDJBMJ[FE RVBMJmDBUJPOT BOE PPYOUFFDTJNWFSFYPQDFDSVQEBUJFPSFMDFNWEBTOUJnUPE J
.BKPS (SPVQ 1SPGFTTJPOBMT PS .BK"PTTR(SDPEQTDJBOBMBTOEBSE VTVBM
SFRVJSFE 3FHJPOBM NBOBHFST BOE PUJDFSUFBOJEPSTVNQBFOSBWHJFTSFT UXIIP EDDPUSJWEJUJF
PG TVCPSEJOBUF NBOBHFST XIP IBSWFFTQBPEJTWCFJSMTJFUJSFBTOBHSFF PJGD DGMVCEDFUEJJPOD B
(SPVQ .BOBHJOH %JSFDUPST BOE $IJFG &YFDVUJWFT

Minor Group 131

Production Managers in Agriculture, Forestry and Fisheries

Production managers in agriculture, forestry and sheries plan, direct and coordinate produc-
UJPO JO MBSHF TDBMF BHSJDVMUVVSMBMV SFSBUJEVMTUFVSBZBMQGSBEJTPSZ BVR
QMBOUBUJPOT MBSHF SBODIFT DPUMMHFSDPUXJWBGEGIEBSSNWTFTBOEDSPPQTQFGSBP
BOE SBJTF MJWFTUPDL mTI BOE TIFMTMmBTOEBOPEJUFPS DGBPUSDNITBPGE BERSVBEJTUD

5BTLT QFSGPSNFE VTVBMMZ JODMVEFQMBOJUJPSHJQHSPNEBVSDLEJUPBDDUWJWJF
DPOUSBDU SFRVJSFNFOUT BOE NBSLJFUH EFVENBFOUET FNTPUDBJUMSJJTOHO
production output and costs, recording information such as farm and sheries management
QSBDUJDFT BOE QSFQBSJOH mOBOFDSJSBJMOEHXEJUPQGSVZBEFSIPCUBPMBSSFSQBPG
GPS UIF TBMF PG DSPQT DBUDI BOET TUPLDJQ QDFPSTU SPBSD UJDGEHF QXFUOIE
PXOFST GPS QSPEVDUJPO PG QSPEVDF QBMOEONDBJOBHHUFNFFOZQFG JQSUPFCYDJJ
BOE TFRVFODF PG PQFSBUJPOT QVSDIBTTVJQQHMNJBEFDTIJOEFSZO UFJFGVZJJQONHFO
DPOUSPMMJOH FOWJSPONFOUBM UPYHJBOOTJ[JXGFHEEPTQ FQSFBTUJJPOBTDET VEDJTBE
NBJOUBJOJOH CVJMEJOHT XBUFS TVQEFMJZO FHZUTUFFTNFTMBFODEJJFROVJQSNBFJOOU
and performance of workers and contractors.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSE JDUMBSTFVQFE JOUP UIF GPM

1311 Agricultural and Forestry Production Managers

1312 Aquaculture and Fisheries Production Managers

Unit Group 1311

Agricultural and Forestry Production Managers

"HSJDVMUVSBM BOE GPSFTUS plan, direct and coordinate production in large-scale agricultural, horticultural and forestry operations such as plantations, large ranches, DPNNFDVJWF GBSNT BOE UP HSPX BOE IBSWFTU DSPQT BOE MJWFTUPDL

5BTLT JODMVEF o

(a) monitoring agricultural and forestry market BDUJWJUZ BOE QMBOOJOH QSPEVDUJPO PG DPOUSBDU SFRVJSFNFOUT

(b) establishing and managing budgets, monitoring production output and costs, recording information such as farm management practices, and preparing nancial and operational SFQPSUT

(c) conferring with buyers to arrange for the sale PG DSPQT BOE MJWFTUPDL

(d) contracting with farmers or independent PXOFST GPS QSPEVDUJPO PG PS GPS NBOBHFNFOU PG QSPEVDF QMBOOJOH UIF UZQF JOUFOTJUZ BOE UJNFT GPS QMBOUJOH TQSBZJOH BOE G BOBMZTJOH TPJM UP EFUFSNJOJOH UJFT PG GFSUJMJ[FS S-FRVJSFNFOUT

H QVSDIBTJOH NBDIJOFSZ planting, irrigation, chemical application, IBSWFTUJOH BOE HSBEJOH

(k) inspecting plantations and fields to determine maturity dates of crops, or to estimate QPUFOUJBM DSPQ EBNBHF

M PWFSTFFJOH UIF TFMFDUJPO mance of agricultural and forestry workers and contractors.

Examples of the occupations classi ed here:

Forestry manager
Plantation manager
Ranch manager

Unit Group 1312

Aquaculture and Fisheries Production Managers

'JTIFSJFT QSPEVDUJPO plan, direct and coordinate production in large-TDBMF BRVBDVMUVSF BOE mTIFSZ PQFSBU BOE IBSWFTU mTI BOE TIFMMmTI BOE U TBHFHSNJOTVIMPUSVSBUBMF SDPPSQNFTSBGU JBWFBUJD QQTs or for release into freshwater or saltwater.

5BTLT JODMVEF o

B NPOJUPSJOH BRVBDVMUVSF BOE mT BDUJWJUZ BOE QMBOOJOH QSPEVDUJP DPOEJUJPOT BOE

(b) establishing and managing budgets, monitoring production output and costs, recording information such as sheries management practices, and preparing nancial and operational SFQPSUT

(c) conferring with buyers to arrange for the sale PG QSPEVDF BOE DBUDIFT

(d) contracting with shing skippers or owners PS PQFSBUJPOT PS G F DPOEVDUJOH BOE PSHBOJ[JOH BRV ZmTIFSBZ PQFSBUJPOT JO P G BOBMZTJOH TPJM UP EFUFSNJOF UJFT PG GFSUJMJ[FS S-FRVJSFNFOUT

QSPWF mTI IBUDIJOH BOE HSPXUI SB H NPOJUPSJOH FOWJSPONFOUT UP NBJ QSPWF DPOEJUJPOT GPS BRVBUJD M

(h) directing and monitoring trapping and spawning of sh, egg incubation and rearing, applying knowledge of management BOE mTI DVMUVSJOH UFDIOJRVFT

(i) coordinating the selection and maintenance PG CSPPE TUPDL

(j) directing and monitoring the transfer of mature sh to lakes, ponds, streams or commercial ranches

L QVSDIBTJOH NBDIJOFSZ FRVJQN QMJFT TVDI BT WFTTFMT BOE OFUT

(m) organizing operations such as maintenance N PWFSTFFJOH UIF TFMFD-UJPO USBJOJ NBOBHF PG BRVBDVMUVSF PS mTIFSZ X contractors.

Examples of the occupations classi ed here:

"RVBDVMUVSF QSPEVDUJPO NBOBHFS Fishing operations manager

Shore captain (shing)
5SBXMFS NBOBHFS

Some related occupations classi ed elsewhere:
'JTI GBSNFS o

'JTI IBUDIFSZ NBOBHFS o
0ZTUFS GBSNFS o
4FBGPPE GBSNFS o
'JTIJOH WFTTFM TLJQQFS DPBTUBM XB
'JTIJOH NBTUFS EFFQ TFB o

Minor Group 132
Manufacturing, Mining, Construction and Distribution Managers

.BOVGBDUVSJOH NJOJOH DPOTUSVDUJPO BOE BRPSEHEBOTUJUFS JBCCVEJDPPPSNBO
JOBUF UIF NBOVGBDUVSJOH NJOFSBMZ FYUSBDUJPO BOE DPOTUSVDUJPO PG
operations, either as the manager of a department or as the general manager of an enterprise
PS PSHBOJ[BUJPO UIBU EPFT OPU IBWF B IJFSBSDIZ PG NBOBHF

5BTLT QFSGPSNFE VTVBMMZ JODMVEJFO QMBOOJOH BOE PSHBOJ[JOH
RVBOUJUZ DPTU UJNFMJOFTT BOE MJBCJMJUZ PG SFTPVSDFT
RVBMJUZ QSPDFEVSFT UISPVHI QMBOOJOH BOE NBOBHJOH
TVQQMZ PG FRVJQNFOU QSFQBSJOH BOE NBJOUBJOJOH
monitoring production output and costs, and adjusting processes and resources to minimize
DPTUT PWFSTFFJOH UIF BDRVJTJUJPO BOE EJTQPTBM
QSFQBSBUJPO PG QSPEVDUJPO SFDPSET BOE QSFQBSJOH
BOE TBGFUZ SFRVJSFNFOUT QMBOOJOH BOE DPPSEJOBUJOH
USBJOJOH BOE QFSGPSNBODF PG TUB

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBWE JDMHBSTFVQFE JOUP UIF GPM

1321 Manufacturing Managers
1322 Mining Managers
1323 Construction Managers
1324 Supply, Distribution and Related Managers

Unit Group 1321
Manufacturing Managers

.BOVGBDUVSJOH NBOBHFS-T QMBOBOE EJSFDUTUBQQFS
PSEJOBUF BDUJWJUJFT -DPIOEJOBUJOH BOE DPPSEJOBUJOH
tion of goods, the production and distribution
of electricity, gas and water, and the collection,
USFBUNFOU BOE EJTQPTBM PGJOXBTUFQSPEVDUBZP CF NBOVGBDUVS
manage the production departments of large en-
terprises or be the managers of small manufac-
turing companies.

5BTLT JODMVEF o
(a) determining, implementing and monitoring
QSPEVDUJPO TUSBUFHJFT
C QMBOOJOH EFUBJMT PG QSPWJTJPO
UFSNT PG PVUQVU RVBMJUZMBOEWRSPEFUJOH
UJNF BWBJMBCMF BOE MBCPNVSDFRVJSFNFOUT
(c) controlling the operation of production plant
BOE RVBMJUZ QSPDFEVSFT
maintenance, designation of operating hours
BOE TVQQMZ PG QBSUT BOE UP.BOTVGBDUVSJOH NBOBHFS
(d) establishing and managing budgets, moni-
toring production output and costs, and ad-
justing processes and resources to minimize
DPTUT
(e) consulting with and informing other man-
BHFST BCPVU QSPEVDUJPO NBUUFST

G PWFSTFFJOH UIF BDRVJTJUJPO BOE
OFX QMBOU BOE FRVJQNFOU
(g) controlling the preparation of production re-
(h) coordinating the implementation of produc-
UJPOBM IFBMUI BOE TBGFUZ SFRVJSFN
(i) identifying business opportunities and deter-
(j) researching and implementing regulatory
BOE TUBUVUPSZ SFRVJSFNFOUT B FDU
GBDUVSJOH PQFSBUJPOT BOE UIF FC
L PWFSTFFJOH UIF QSPWJTJPO PG RV
the manufacture of specialized goods and
establishing contacts with customers and

Examples of the occupations classi ed here:
.BOVGBDUVSFS
Production and operations manager
(manufacturing)

Some related occupations classi ed elsewhere:
1SPEVDUJPO TVQFSWJTPS NBOVGBD

Unit Group 1322

Mining Managers

.JOJOH NBOBHFST QMBO EJSFDU BOE DPPSEJOBUF UIF QSPEVDUJPO BDUJWJUJFT PG PQFSBUJOH NJOFT BOE HBT FYUSBDUJPO QSPKFDUT BOE PG NBOBHFST XIP NBOBHF UIF PQFSBUJPOT PG B EFQBSUNFOU PS BT UIF NBOBHFS PG BO FOUFSQSJTF PS PSHBOJ[BUJPO UIBU EPFT OPU IBWF B IJFSBSDIZ PG NBOBHFST

5BTLT JODMVEF o

(a) conferring with other managers to set production quotas or delivery schedules and to determine personnel requirements

C FWBMVBUJOH F DJFODZ PG FQVJQNFOU TJUFT UP EFUFSNJOF BEFRVBDZ PG QSFTFOU FRVJQNFOU and technologies used, and make changes UP XPSL TDIFEVMFT PS -FRVJQNFOU DFTTBSZ

D QMBOOJOH EFUBJMT PG QSPEVDUJPO PQFSBUJPOT UFSNT PG PVUQVU RVBMJUZ BWBJMBCMF BOE MBCPS SFRVJSFNFOUT

E DPOUSPMMJOH UIF PQFSBUJPOT PG B QMBOU XJUIJO QSFTDSJCFE CVEHFU BOE RVBMJUZ QBSBNFUFST through planning of maintenance, designation of operating hours and TVQQMZ PG FRVJQNFOU

(e) establishing and managing budgets, monitoring production output and costs, and adjusting processes and resources to minimize DPTUT

G PWFSTFFJOH UIF BDRVJTJUJPO PG OFX QMBOU BOE FRVJQNFOU

(g) controlling the preparation of production reports and

(h) coordinating the implementation of health BOE TBGFUZ SFRVJSFNFOUT

(i) researching and implementing regulatory BOE TUBUVUPSZ SFRVJSFNFOUT FYUSBDUJPO PQFSBUJPOT BOE QSPDFTTJOH

K PWFSTFFJOH UIF TFMF-DUJPO PG NBOBHFS PG TUB

Examples of the occupations classi ed here:

.JOF NBOBHFS

Production manager (mine)

Production manager (oil and gas FYUSBDUJPO

1SPEVDUJPO NBOBHFS RVBSSZ

Quarry manager

Some related occupations classi ed elsewhere:

.JOF EFQVUZ o

.JOF TVQFSWJTPS o

.JOF VOEFS NBOBHFS o

2VBSSZ TVQFSWJTPS o

Unit Group 1323

Construction Managers

Construction managers plan, direct and coordinate the construction of buildings, dwellings, heavy construction projects and other structures. They manage the work of a department or as the general manager of an enterprise or organization that does OPU IBWF B IJFSBSDIZ PG NBOBHFST

5BTLT JODMVEF o

(a) interpreting architectural drawings and specifications and coordinating the work of contractors and trades

C FTUBCMJTIJOH XPSL TDIFEVMFT BOE DPPSEJOBUJOH XJUI DPOUSBDUPST TVQQMJFST BOE PUIFST UP FOTVSF UIBU DPOTUSVDUJPO QSPKFDUT BSF DPNQMFUFE PO UJNF BOE XJUIJO CVEHFU

E PCUBJOJOH BOE JOUFSQSFUJOH QMBOT TQFDJGJDBUJPOT BOE DPEFT UP FOTVSF UIBU DPOTUSVDUJPO QSPKFDUT BSF DPNQMFUFE JO BDDPSEBODF XJUI MPDBM CVJMEJOH SFHVMBUJPOT

(e) negotiating with building owners, property BOE TVCDPOUSBDU

G DPOTVMUJOH XJUI DPOTUSVDUJPO QSPGFTTJPOBMT UP FOTVSF UIBU QSPKFDUT BSF DPOTUSVDUFE PO UJNF BOE XJUIJO CVEHFU

(g) arranging submission of plans to local authorities

(h) building under contract, or subcontracting TQFDJBMJ[FE CVJMEJOH TFSWJDFT

J BSSBOHJOH CVJMEJOH JOTQFDUJPOT BOE TVCTFRVFOU JOTQFDUJPOT PG DPOTUSVDUJPO QSPKFDUT

(j) establishing and managing budgets, controlling expenditures and

L PWFSTFFJOH UIF TFMFDUJPO USBJOJOH BOE TVQFSWJTJPO PG DPOTUSVDUJPO USBEFT BOE MBCPVS

Examples of the occupations classi ed here:

$POTUSVDUJPO NBOBHFS

Construction project manager

Project builder

Some related occupations classi ed elsewhere:

#VJMEJOH DPOTUSVDUJPO TVQFSWJTPS o

)PVTF CVJMEFS o

Unit Group 1324

Supply, Distribution and Related Managers

Supply, distribution and related managers plan, direct and coordinate passenger transportation systems and facilities and the supply, transportation, storage and distribution of goods, either as the manager of a department or as the general manager of an enterprise or organization that EPFT OPU IBWF B IJFSBSDIZ PG NBOBHFST

5BTLT JODMVEF o
(a) determining, implementing and monitoring purchasing, storage and distribution strat-
FHJFT QPMJDJFT BOE QMBOT
(b) preparing and implementing plans to main-
UBJO SFRVJSFE TUPDL MFWFMT
(c) negotiating contracts with suppliers to meet
RVBMJUZ DPTU BOE EFMJWFSZ
E NPOJUPSJOH BOE SFWJFXJOH
UPSZ TZTUFNT UP NFFU TVQQMZ
BOE DPOUSPM TUPDL MFWFMT
F PWFSTFFJOH UIF EJTQBUDI
USBJOT WFTTFMT PS BJSDSBGU
(f) operating recording systems to track all
NPWFNFOUT PG HPPET - BOE
EFSJOH BOE SFTUPDLJOH BU
(g) liaising with other departments and customers
DPODFSOJOH SFRVJSFNFOUT GPS PVUXBSE HPPET
BOE BTTPDJBUFE GPSXBSEJOH
I PWFSTFFJOH UIF SFDPSEJOH PG
BOE EJTUSJCVUJPO USBOTBDUJPOT
(i) establishing and managing budgets, control-
MJOH FYQFOEJUVSF BOE FOTVSJOH
VTF PG SFTPVSDFT
(j) establishing and directing operational and
BENJOJTUSBUJWF QSPDFEVSFT
L QMBOOJOH BOE EJSFDUJOH EBJMZ
T PWFSTFFJOH UIF TFMFDUJPO USBJ
NBODF PG TUB
Examples of the occupations classi ed here:
Bus station manager
Logistics manager
Purchasing manager
Railway station manager
Supply and distribution manager
Supply chain manager
Urban transit system manager
Warehouse manager
Note
urban transit systems and other transportation corpor-
6OJU (SPVQ .BOBHJOH %JSFDUPST BOE $IJ

Minor Group 133
Information and Communications Technology Services Managers

*OGPSNBUJPO BOE DPNNVOJDBUJPOT UFDIOPMPHZ
UIF BDRVJTJUJPO EFWFMPQNFOU NBJOUFOBODF
tems, either as the manager of a department or as the general manager of an enterprise or
PSHBOJ[BUJPO UIBU EPFT OPU IBWF B IJFSBSDIZ PG NBOBHFST

5BTLT QFSGPSNFE VTVBMMZ JODMVEF
UP BTTFTT DPNQVUJOH OFFET BOE
OFFET GPSNVMBUJOH BOE EJSFDUJOH
QPMJDJFT BOE QMBOT EJSFDUJOH
VTFS USBJOJOH EJSFDUJOH
TUBOEBSET BOE TFUUJOH EFBEMJOFT
managing and leading the work of systems analysts, programmers and other computer-related
XPSLFST FWBMVBUJOH UIF PSHBOJ[BUJPOT
NFOUT TVDI BT IBSEXBSF BOE
FYQFOEJUVSF BOE FOTVSJOH UIF
BOE BENJOJTUSBUJWF QSPDFEVSFT
SFTFOUJOH UIF FOUFSQSJTF PS

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE
1330 Information and Communications Technology Services Managers

Unit Group 1330
Information and Communications Technology Services Managers

Information and communications technology
UIF BDRVJTJUJPO EFWFMPQNFOU
use of computer and telecommunication systems, either as the manager of a department or as the general manager of an enterprise or organization
UIBU EPFT OPU IBWF B IJFSBSDIZ PG
5BTLT JODMVEF o
and technical solutions to business computing needs

B O E T Z T U F N S F R V J S F N F O T (i) establishing and directing an operational and
U F C H O P M P H Z U P N F E U U I P T F O B F E E J T O J T U S B U J W F Q S P D F E V S F T
(b) formulating and directing information and K P W F S T F F J O H U I F T E M E - D U J P O U S B J
D P N N V O J D B U J P O T E C H N O L O G Y S Y S T E M S P O L I C I E S
Q P M J C J F S B O E Q M A N S (k) representing the enterprise or organization at
D E J S E C U J O G U I F T E M E C U J P O P G B S E S P M A B U E M B O J C W O F P G J A L S T E N J O B S
S E S P V S C E S B O E U I F Q S P W J T J P O P G S E Q U E S U S B J O J O G
E E J S E C U J O G * $ 5 P Q E S B - U J P O S B O B M Z T J O G X P S L
G M P X F T U B C M J T I J O G Q S E Examples of the Occupations Included in this Unit Group
T U B O E B S E S B O E T E F U U J O G E F B E " M Q J C M F J T D B U J P O E F W E M P Q N E O T N A O A G E
F P W E S T E E J O G U I F T E C V S J U Z P C Chief Information Technology Officer
G B T T J H O J O G S E W J E X J O G N A O A G E 9 B E H U E B O H P Q E R O S E B U M J E B O E T J O H B O A G E S
the work of systems analysts, programmers % B U B Q S O C E T T J O G N A O A G E S
B O E P U I E S D O M Q V U E S S E M A U E E * $ T E S E L E V S E T M P Q N E O T N A O A G E S
H E W A M V A U J O G U I F P S H A O J [A U J P O Information Systems Director
B O E O E E E T B O E S E C O M N E O E J O G Information Technology Manager
T V D I B T I B S E X A S E B O E T P G U X B S E B S E N A V A G E A E E T
(h) establishing and managing budgets, control- * O U E S O E U T E S W J D E Q S P W J E E S
M J O G E Y Q O E O E J U V S E B O E O O T N E S W O R K M A N A G E R E D J E O U
V T E P G S E T P V S C E T

Minor Group 134

Professional Services Managers

1 S P G E T T J P O A M T E S W J D E T N A O A G E S T Q S O M A V A J O T J N P J O S P G U A B J O M E E D O P A P S S E J O G A
X E M G B S E E E V C A U J P O B O E P U I E S Q I S P G S S E A T C J E E C T B M G T J O S T W J U V E U J P O
Q S P W J E J O G m O B O C J B M B O E J O T V S B O C E T E S W J D E T

5 B T L T Q E S G P S N E E V S V B M M Z J O C M V E E G C P S S N V V M B Q U S - O W J Q T P J M P J O C J N E G C
W J D E T B O E P Q E S B U J P O P G E T U B C K M E J C U N J A V O E U T E T E A W U U M J P O H J O T H B O C E
Q M E N E O U J O G Q S P H S B N N E T B O E T E S W E C S E T C W E J O H B O C E U C E P S E J C T B P G
U I E B M M P C B U J P O P G S E T P V S C E T M J A J C H T C O E J X J T U I U Q B - S E P O N U N T V O C J P C Z S S E T
S E T E O U B U J W E T B O E S E M B U E B H E O C E P C E P J E T C T B B U S I P B T N E C O D J P P Q S E
B O E D P O U S P M M J O G F Y Q E O E J U V S E F P W W E B S O T E F Q J E S H G P U S I N B T C E M E E P G J T P U B
Q S E Q B S J O G P S B S S B O H J O G G P S T U B E O E Q S G P Q S B E B T U J P O S P Q S E S T E O Q P
U I E P S H B O J [B U J P O J O O E H P U J B U J P O C W X F J C U J P O T E S T B E N E J C O D B J S E T Q B V C E M
hearings and forums.

0 D D V Q B U J P O T J O U I J T N J O P S H S P V Q H B Y S E J D M H B S E V Q E J O U P U I E G P M

1341 Child Care Services Managers

1342 Health Services Managers

1343 Aged Care Services Managers

1344 Social Welfare Managers

1345 Education Managers

1346 Financial and Insurance Services Branch Managers

1349 Professional Services Managers Not Elsewhere Classified

Note

1 S P G E T T J P O A M T E S W J D E T N A O A G E S T S B E S U J S O E T Q B S O E T J O C P N P S E G J P S B Q J M O B H O U J E H Q S E P J W J T
P G T Q E C J A M J [E Q S P G E T T J P O A M B O E R V B M J C J O D B M J T P C S T W B D E T F Y Q U E C O J T B J W J E E Y Q F
S E M E W B O U U P P O E P S N P S E P D D V Q B U J P O S P G O M T T J P O A M B T S E V S E E
5 E C I O J C J A O T B O E " T T P C J A U E 1 S P G E T T J P O A M T B S E V S V B M M Z S E R V J S E E

Unit Group 1341

Child Care Services Managers

$IJME DBSF TFSWJDFT NBOBHFST QMBO
PSEJOBUF BOE FWBMVBUF UIFJS QSPWJTJPO
DIJMESFO JO CFGPSF TDIPPM
BOE EBZ DBSF DFOUSFT BOE
5BTLT JODMVEF o

B EFWFMPQJOH BOE JNQMFNFOU
enhance the physical, social, emotional and
JOUFMMFDUVBM EFWFMPQNFOU
(b) establishing and monitoring budgets and de-
UFSNJOJOH BMMPDBUJPOT PG
QMJFT NBUFSJBMT FRVJQNFOU
D PWFSTFFJOH BOE DPPSEJOBUJOH
of care for children in before-school, after-
TDIPPM EBZ BOE WBDBUJPO
E EJSFDUJOH BOE TVQFSWJTJOH
WJEJOH DBSF BOE TVQFSWJTJOH
ESFO
(e) managing physical facilities and making sure
BMM CVJMEJOHT BOE FRVJQNFOU
to ensure the centre is a safe area for chil-
ESFO TUB BOE WJTJUPST
G SFWJFXJOH BOE JOUFSQSFUJOH
DPEFT BOE EFWFMPQJOH QSPDFEVSFT
DPEFT F H DPOEVDUJOH TBGFUZ
(g) monitoring children s progress and confer-
SJOH XJUI QBSFOUT PS HVBSEJBOT
(h) preparing and maintaining records and ac-
DPVOUT GPS B DIJME DBSF DFOUSF
J SFDSVJUJOH BOE FWBMVBUJOH
OBUJOH UIFJS QSPGFTTJPOBM

Example of the occupations classi ed here:
Child care centre manager

Unit Group 1342

Health Services Managers

)FBMUI TFSWJDFT NBOBHFST QMBO
BOE FWBMVBUF UIF QSPWJTJPO
NVOJUZ IFBMUI DBSF TFSWJDFT
public health agencies and similar organizations.
5BTLT JODMVEF o

B QSPWJEJOH PWFSBMM EJSFDUJPO
NFOU GPS UIF TFSWJDF
DFOUSF
C EJSFDUJOH TVQFSWJTJOH
XPSL BDUJWJUJFT PG NFEJDBM
DMFSJDBM TFSWJDF NBJOUFOBODF
TPOOFM
D FTUBCMJTIJOH PCKFDUJWFT
PQFSBUJPOBM DSJUFSJB GPS
(d) directing or conducting recruitment, hiring
BOE USBJOJOH PG QFSTPOOFM

F EFWFMPQJOH JNQMFNFOUJOH BOE
procedures, policies and performance stand-
ards for medical, nursing, technical and ad-
NJOJTUSBUJWF TFSWJDFT
PSHBOJ[BUJPOT JODMVEJOH PQFSBUJOH
DIJMESFO JO CFGPSF TDIPPM
BOE BGUFS TDIPPM DFOUSFT
GPS BEEJUJPOBM TUBGG
as budget planning, report preparation, and
WJDFT
(j) representing the organization in negotiations,
BOE BU DPOWFOUJPOT
ings and forums.
Examples of the occupations classi ed here:
Chief public health o cer
Clinical Director
Community Health care Coordinator
Health facility administrator
Hospital matron
.FEJDBM BENJOJTUSBUPS
Some related occupations classi ed elsewhere:
EHFWFMPQNFOU PGGJDFS

Unit Group 1343

Aged Care Services Managers

"HFE DBSF TFSWJDFT NBOBHFST QMBO
JOBUF BOE FWBMVBUF UIF QSPWJTJPO
BOE QFSTPOBM DBSF TFSWJDFT GP
JDBM TFSWJDF NBJOUFOBODF BOE PUI
B QSPWJEJOH PWFSBMM EJSFDUJPO B
GPS B TFSWJDF GBDJMJUZ PSHBOJ[B
(d) directing or conducting recruitment, hiring
BOE USBJOJOH PG QFSTPOOFM
procedures, policies and performance stand-
ards for nursing, personal care, technical and
BENJOJTUSBUJWF TUB
as budget planning, report preparation, and
WJDFT
(j) representing the organization in negotiations,
BOE BU DPOWFOUJPOT
ings and forums.
Examples of the occupations classi ed here:
Chief public health o cer
Clinical Director
Community Health care Coordinator
Health facility administrator
Hospital matron
.FEJDBM BENJOJTUSBUPS
Some related occupations classi ed elsewhere:
EHFWFMPQNFOU PGGJDFS

(f) coordinating and administering welfare pro-
HSBNNFT BOE DBSF TFSWJDFT NBOBHFS
H DPOUSPMMJOH BENJOJTUSBUJWF PQFSBUJPOT TVDI BT
CVEHFU QMBOOJOH SFQPSUJOH BOE QFOEJUVSF PO TVQQMJFT FRVJQNFOU BOE
(h) liaising with other health and welfare pro-
WJEFST CPBSET BOE GVOEJOH CPEJFT TVDI BT
JOBUF UIF QSPWJTJPO PG TFSWJDFT
J BEWJTJOH HPWFSONFOU CPEJFT BCPVU NFBTVSFT
UP JNQSPWF IFBMUI BOE XFMGBSF TFSWJDFT BOE
GBDJMJUJFT
(j) representing the organization in negotiations,
BOE BU DPOWFOUJPOT -TFNJOBST PS QVCMJD IFBS
ings and forums.

Examples of occupations classi ed here:
"HFE DBSF IPNF EJSFDUPS
Community aged care coordinator
Nursing home director
3FUJSFNFOU WJMMBHF DPPSEJOBUPS

Some related occupations classi ed elsewhere:
)FBMUI TFSWJDFT NBOBHFS

Unit Group 1344

Social Welfare Managers

Social welfare managers plan, direct and coord-
JOBUF UIF QSPWJTJPO PG TPDJBM DBSF TFSWJDFT
WJDF QSPHSBNNFT TVDI BT JOEPPS BOE PVUEPPS
BTTJTUBODF DIJMESFO T T-FSWJDFT
OJUZ QSPHSBNNFT BOE TFSWJDFT
5BTLT JODMVEF o
B QSPWJEJOH PWFSBMM EJSFDUJPO BOE
GPS B TFSWJDF GBDJMJUZ PS TIFMUFSFE
C EFWFMPQJOH JNQMFNFOUJOH BOE
QSPDFEVSFT QPMJDJFT BOE OTFUBIPMEFS TFSWJDFT
D NPOJUPSJOH BOE FWBMVBUJOH TFSWJDFT
UP UIF QSPWJTJPO PG XFMGBSF
TPDJBM TFSWJDFT
E DPOUSPMMJOH BENJOJTUSBUJWF
CVEHFU QMBOOJOH SFQPSUJOH BOE
QFOEJUVSF PO TVQQMJFT FRVJQNFOU
(e) liaising with other welfare and health ser-
WJDFT QSPWJEFST CPBSET BUIPEGSVFOBEJOH TCBGFHBTE DPOEVDJWF F
UP EJTDVTT BSFBT PG IFBMUIGBPSE TXUFWEGBSUFT TBFOSEWJDFBDIFST
DPPQFSBUJPO BOE DPPSEJOBUJPO
G BEWJTJOH HPWFSONFOU CPEJFT
UP JNQSPWF XFMGBSF TFSWJDFT
(g) representing the organization in negotiations,
BOE BU DPOWFOUJPOT -TFNJOBST PS QVCMJD IFBS
JOHT BOE GPSVNT
(h) establishing and managing budgets, control-
MJOH FYQFOEJUVSF BOE FOTVSJOH
VTF PG SFTPVSDFT
(i) establishing and directing operational and
BENJOJTUSBUJWF QSPDFEVSFT

K PWFSTFFJOH UIF TFMF-DUJPO USBJ
HSBNNFT BOE DBSF TFSWJDFT NBOBHFS
Examples of the occupations classi ed here:
Community aged care coordinator
Welfare centre manager
'BNJMZ TFSWJDFT NBOBHFS
Welfare centre manager

Unit Group 1345

Education Managers

Education managers plan, direct, coordinate and
FWBMVBUF UIF FEVDBUJPOBM BOE B
QFDUT PG FEVDBUJPO TFSWJDFT QSJNBSZ
schools, colleges and faculties and departments in
VOJWFSTJUJFT BOE PUIFS FEVDBU
5BTLT JODMVEF o
(a) determining educational programmes based
on frameworks established by education au-
UIPSJUJFT BOE HPWFSOJOH CPEJFT
(b) implementing systems and procedures to
monitor school performance and student en-
SPMNFOUT
D EJSFDUJOH BENJOJTU-SBUJWF BOE
ities concerning student admissions and edu-
DBUJPOBM TFSWJDFT
(c) promoting the educational programme, and
SFQSFTFOUJOH UIF TFSWJDF PS JOTU
(d) organizing and implementing methods of
raising additional funds in conjunction with
(e) establishing and managing budgets, control-
MJOH FYQFOEJUVSF BOE FOTVSJOH
VTF PG SFTPVSDFT
(f) establishing and directing operational and
BENJOJTUSBUJWF QSPDFEVSFT

L DPOUSPMMJOH TFMF-DUJPO USB
Examples of the occupations classi ed here:
College director
%FBO VOJWFSTJUZ
Head teacher
School principal

Unit Group 1346

Financial and Insurance Services Branch Managers

'JOBODJBM BOE JOTVSBODF CSBODI NBOBHFST
agers plan, direct and coordinate the branches of
JOTUJUVUJPOT UIBU QSPWJEF GJOBODJBM QSPEVDUT BOE UFD
TFSWJDFT TVDI BT CBOLT CVJMEJOH TPDJFUJFT BOE
VOJPOT BOE JOTVSBODF DPNQBOJFT BOE JOEFQFOEFOU
BEWJDF BOE BTTJTUBODF UP NFNCFST PG UIF QVCMJD JO
insurance matters.

5BTLT JODMVEF o

(a) planning, directing and coordinating the activities of branches of financial institutions
(b) establishing and maintaining relationships with individual and business customers
(c) providing advice on their nancial and insurance needs and on matters such as changes in law that may affect customers
(d) examining applications for loans, credit cards and insurance policies
(e) monitoring the performance of branch sta and implementing sta development programmes
(f) planning, directing and controlling the preparation of nancial and regulatory returns
(g) planning, directing and controlling the
(h) overseeing the implementation of new procedures, and the preparation of nancial and regulatory returns
(i) coordinating cooperation with other branches of the company
(j) planning, directing and controlling the
(k) managing branch budgets and controlling expenditure
(l) overseeing the implementation of security procedures and the maintenance of records

Examples of the occupations classi ed here:

- Bank manager
- Building society manager
- Credit union manager
- Financial institution branch manager
- Insurance agency manager

Some related occupations classi ed elsewhere:

- 'JOBODF NBOBHFST o
- $SFEJU BOE MPBOT P DFST o
- *OTVSBODF BHFOU o

Unit Group 1349

Professional Services Managers Not Elsewhere Classified

5FJSTWJDFT NBOBHFST
EJSFDU DPPSEJOBUF BOE FWBMVBUF UI
TFSWJDFT BOE UFD
.JOPS (SPV
BEWJDF BOE 1SPGFTT
insurance matters.
TJCMF GPS UIF QSPWJTJPO PG QPMJDJC
B QSPWJEJOH PWFSBMM EJSFDUJPO B
D QSPWJEJOH BEWJDF BOE BT
on matters such as changes in law that may
E FYBNJOJOH
F NPOJUPSJOH
G DPOEVDUJOH
H PWFSTFFJOH UIF
as budget planning, report preparation, and
I BQQSPWJOH PS SFKFDUJOH
DPNNFSDJBM
K NBOBHJOH
L PWFSTFFJOH UIF
NBOBDF PG TUB

Examples of the occupations classi ed here:

- "SDIJWFT NBOBHFS
- "SU HBMMFSZ NBOBHFS
- $PSSFDUJPOBM TFSWJDFT NBOBHFS
- -FHBM TFSWJDF NBOBHFS
- Library manager
- .VTFVN NBOBHFS
- Police superintendent
- 1SPGFTTJPOBM TFSWJDFT NBO

Note

1SPGFTTJPOBM TFSWJDFT NBO
OJOH EJSFDUJOH BOE DPPSEJOBUJOH UIF QS
DJBMJ[FE QSPGFTTJPOBM BOE UFDIOJDBM TFS
RVBMJmDBUJPOT BOE FYUFOTJWF FYQFSJFODF
PS NPSF PDDVQBUJPOT DMBTTJmFE JO .BKPS (SP
TJPOBMT PS .BKPS (SPVQ 5FDIOJDJBOT
1SPGFTTJPOBMT BSF VTVBMMZ SFRVJSFE

Sub-ma~or Group 14
Hospitality, Retail and Other Services Managers

)PTQJUBMJUZ SFUBJM BOE PUIFS TFSWJDFT NBOBHFST QMBOT PSHBOJ[FT BOE EJSFDUT UIF PQFSBUJPOT PG FTUBCMJTINFOUT XIJDI QSPWJEF BDDPNNPEBUJPO NFBMT CFWFSBHFT BOE PUIFS IPTQJUBMJUZ QFUFOU QFSGPSNBODF JO NPTU PDDVQBUJPOT TVDI BT IPUFMT BOE SFTUBVSBOUT *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO WUEJFT QTMCONCBJKOPHS BHOSEP VPQSHVBTO J[JOH TQFDJBM GVODUJPOT TQPSUJJOWHJUHJBNTJBOOHE BUOIE ISOHOPHSFUBBOJE NNFS PG QSPEVDUT TUPDL MFWFMT BOEFFTMMFMSJWOJHDHPTPUEBTOEEOBS ETTF SQWS PCTFSWJOH MJRVPS HBNJOH IFBMUI BEOFEWPUMIPSJNDBHXTBOBE ESSFMWHJVFMXI QPMJDJFT QSPHSBNNFT BOE QSPDFEVOSTFTBDOPEOEPPSBOJOBHODEVTUFSNVFJSD QSPWJEFE QSPNPUJOH GBDJMJUJFT UGSPSEPTOEXTSFUOPDEQTPUDPOWEFMUDJ UPNFST PSHBOJ[JOH UIF QVSDIBTF BOJDDMIBTJOEROJBQNDFOPJGBUOSEBGVTEQM BOE USBOTQPSUJOH HPPET DPOUSPTMWQJOSHWUJTFJPDMPGUJUPB UFSOBTJO compliance with occupational health and safety regulations.

0DDVQBUJPOT JO UIJT TVC NBKPS HSBOVQHBNSJFODPNBHTSFWJDFE JOUP UIF

141 Hotel and Restaurant Managers

142 Retail and Wholesale Trade Managers

143 Other Services Managers

Notes

4VC NBKPS (SPVQ)PTQJUBMJUZ 3FUBJMJTMJBTOEPSUNBSBHFSSWTJDFS.TBUBBC MJTI NFOUUIBU QSPWJEF TFSWJDFT EJSFDUMZ[BPJJFQTQVCMJDBSFVBMMZ NN UI IJFSBSDIJFT PG NBOBHFST .BOBHFSFDSUJTQHPBTOEMPPSGSPSJQOBOHOHIFEQSPWJ PG TQFDJBMJ[FE QSPGFTTJPOBM BOESUREVDJSEDTEQMFDTJFBSWJJE TRVBBMJYMDVBMMMZT DMBTTJmFE JO WBSJPVS VOJU HSPVQTTUSB4UVJCWNBBKOPES $BSWIQFS SDJBMMENBOBHFST BOE 1SPEVDUJPO BOE 4QFDJBMJ[FE 4FSWJDFT .BOBHFST

Operators of small shops, guest houses, cafØs, restaurants and bars for whom the management and TVQFSWJTJPO PG TUB JT OPU B TSFDOmBDTBOuFD PJNQUPICFSOFUMFPWGBOUF VXOPJSULHBS JO 4VC NBKPS (SPVQT 1FSTPOBM 84FSSLWFSDFTEBQSDIESTOHPSO U4BMNFBTJO UBTLT performed.

Minor Group 141
Hotel and Restaurant Managers

Hotel and restaurant managers plan, organize and direct the operations of establishments that QSPWJEF BDDPNNPEBUJPO NFBMT CFWFSBHFTT BOE PUIFS IPTQJUBI

5BTLT QFSGPSNFE VTVBMMZ JODMVEFM QGWVBOODOJJUPHO TB GBEEP STKQBPSU[JJOH HBNJOH BOE FOUFSUBJONFOU BDUJWJUJFTWSJWBEJTPCEJSSFDDFUQJUOJHPOB OSEPF TFSWJDF BOE IPVTFLFFQJOH BDUJWJUJFBMTU IFBCCTEFSUWIJFOSHMMBJXRTVBPSSE HSBFNHJV MBUJPOT NPOJUPSJOH RVBMJUZ BFUSFBOUMBUJUPBOHIPTG PGGPPQESIBQOESTBFUSJWA DPOUSPMMJOH UIF TFMFDUJPO USBWSOOOEHDBNOEMTJVBQOFDSFWXJTUJPDDFDGV tional health and safety regulations.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSEJDJMHBSTFTVJQFE JOUP UIF GPM

1411 Hotel Managers

1412 Restaurant Managers

Unit Group 1411

Hotel Managers

Hotel managers plan, organize and direct the operations of hotels, motels and similar establishments to provide food and accommodation services.

Examples of the occupations classi ed here:
- Hotel manager
- .PUFM NBOBHFS
- Youth hostel manager

Some related occupations classi ed elsewhere:
- #FE BOE CSFBLGBTU PQFSBUPS

Notes

Operators of small establishments, such as some bed and breakfast establishments and small guest houses that QSPWJEF BDDPNNPEBUJPO BOE MJNJUFE NFBM TFSWJDFT UP DMJFOUT F FDUJWFMZ BT QBZJOH HVFTUT JO QSFNJTFT BOE GPS XIPN UIF NBOBHFNFOU BOE TVQFSWJTJPO PG TUB is not a signi cant component of the work, are classi ed JO 6OJU (SPVQ %PNFTUJD)PVTFLFFQFST $IJFG FYFDVUJWF P DFST BOE TQFDJBMJTFE NBOBHFST. Managers of hotel management companies or hotel chains are classi ed JO UIF SFMFWBOU VOJU HSPVQ JO 4VC NBKPS (SPVQT BOE

Unit Group 1412

Restaurant Managers

Restaurant managers plan, organize and direct the operations of cafØs, restaurants and related TFSWJDFT

Examples of the occupations classi ed here:
- CafØ manager
- Catering manager
- Restaurant manager

Some related occupations classi ed elsewhere:
- $IFG o

Note

Operators of small cafØs, restaurants and bars for whom UIF NBOBHFNFOU BOE TVQFSWJTJPO PG TUB ni cant component of the work are classi ed in Unit (SPVQ-T $PPLT 8BJUFST PS #BSUF depending on the main tasks performed.

Minor Group 142

Retail and Wholesale Trade Managers

Retail and wholesale trade managers plan, organize, coordinate and control the operations PG FTUBCMJTINFOUT UIBU TFMM HPPET BOE TFSWJDFT UP DPOTVNFST budgets, sta ng and strategic and operational direction of shops, or of organizational units within shops that sell particular types of product.

TUPDL MFWFMT BOE mOBODJBM USBEFS BUDIUFJPTT BOE TWQFSWJTFT XIPMFTBMF USBEF BOE TWQFSWJTFT BOE EFQBSUNFOU TUPSFT IPXFWFS TIPQQJOH BOE TFMFDUJPO USBJOJOH BOE TWQFSWJTJOH PUIFS TBMFT XPSLFST
and safety regulations.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMHBSTFTVQFE JOUP UIF GPM

1420 Retail and Wholesale Trade Managers

Notes

3FUBJM BOE XIPMFTBMF USBEF NBOBHFST QMBO PSHBOJ[F DPPSEJOBUF BOE EJSFDU UIF BDUJWJUJFT PG FTUBCMJTINFOUT UIBU TFMM HPPET BOE TFSWJDFT UP DPOTVNFST PS PUIFS CVTJOFTTFT TVDI BT TVQFSNBSLFU PS EFQBSUNFOU TUPSFT IPXFWFS UIFZ EP OPU UBLF SFTQPOTJCJMJUZ GPS UIF QVSDIBTF PS TBMF PG HPPET PS TFSWJDFT %JSFDUPST BOE $IJFG &YFDVUJWFT

0QFSBUPST PG TNBMM TIPQT GPS XIPN PUIFS NBOBHFST BOE TVQFSWJTPST BSF QPOFOU PG UIF XPSL BSF DMBTTJmFE JO 6OJU (SPVQ 4IPQLFFQFS

4UB XIP DPOUSPM BOE EJSFDU UIF BDUJWJUJFT PG FTUBCMJTINFOUT UIBU TFMM HPPET BOE TFSWJDFT UP DPOTVNFST PS PUIFS CVTJOFTTFT TUB OH MFWFMT TFMFDUJPO BOE TVQFSWJTJPO PG TUB JT OPU B TJHOJmDBOU

Unit Group 1420
Retail and Wholesale Trade Managers

Retail and wholesale trade managers plan, organize, coordinate and control the operations of establishments that sell goods on a retail or XIPMFTBMF CBTJT 5IFZ BSF SFTQPOTJCMF GPS UIF budgets, sta ng and strategic and operational direction of shops, or of organizational units within shops that sell particular types of product.

5BTLT JODMVEF o

B EFUFSNJOJOH QSPEVDU NJY PG TFSWJDFT BOE QSPEVDUT UP CF TPME

(b) formulating and implementing purchasing BOE NBSLFUJOH QPMJDJFT

D QSPNPUJOH BOE BEWFSUJTJOH FTUBCMJTINFOU T HPPET BOE TFSWJDFT

E NBJOUBJOJOH SFDPSET PG TUPDL MFWFMT BOE OBODJBM USBOTBDUJPOT

F VOEFSUBLJOH CVEHFUJOH GPSFDBTUJOH BOE TUBUJTUJDBM BOBMZTJT

G DPOUSPMMJOH TFMFDUJPO PG TUPDL JO PSEFS UP TVQQMZ DVTUPNFST

(g) ensuring compliance with occupational health and safety regulations.

Examples of the occupations classi ed here:

(SPDFSZ NBOBHFS
Retail manager
Shop manager
Supermarket manager

Some related occupations classi ed elsewhere:

4BMFT NBOBHFS o
4IPQLFFQFS o
4IPQ TBMFT BTTJTUBOU o

Notes

3FUBJM BOE XIPMFTBMF USBEF NBOBHFST BSF NBOBHFST XIP QMBO PSHBOJ[F DPPSEJOBUF BOE EJSFDU UIF BDUJWJUJFT PG FTUBCMJTINFOUT UIBU TFMM HPPET BOE TFSWJDFT UP DPOTVNFST PS PUIFS CVTJOFTTFT IPXFWFS UIFZ EP OPU UBLF SFTQPOTJCJMJUZ GPS UIF QVSDIBTF PS TBMF PG HPPET PS TFSWJDFT 5IF NBOBHFST JODMVEFE JO UIJT HSPVQ BMTP JOUFSWJFX DVTUPNFST BOE QSPWJEF TQPSUJOH DVMUVSBM SFDSFBUJPOBM PS QFSTPOBM TFSWJDFT TVDI BT GJUOFTT DFOUSF NBOBHFST BOE TQPSUT BDUJWJUJFT QSPWJEFE FOTVSJOH UIBU HPPET BSF BEFRVBUFMZ EFTDSJCFE BOE TBGFMZ EJTQPTFE PG

retail establishments such as supermarkets and department stores

agers of groups of establishments such as supermarket

Operators of small shops for whom the management

assistants, checkout operators and other workers, but who do not take responsibility for determining product

NJY PWFSBMM TFUUJOH PG QSJDFT CVEHFUT TFMFDUJPO BOE SFDSVJUNFOU BSF DMBTTJmFE JO 4IPQ 4VQFSWJTPST

Minor Group 143
Other Services Managers

0UIFS TFSWJDFT NBOBHFST QMBOOT PSHBOJ[FT BOE EJSFDUT UIF BDUJWJUJFT PG FTUBCMJTINFOUT QSPWJEF TQPSUJOH DVMUVSBM SFDSFBUJPOBM PS QFSTPOBM TFSWJDFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFO HQFMB OE JNQMFNFOU BDUJWJUJFT BDUJWJUJFT QSPWJEFE FOTVSJOH UIBU HPPET BSF BEFRVBUFMZ EFTDSJCFE BOE TBGFMZ EJTQPTFE PG

PG OFX USFOET BOE EFWFMPQNFOUS SFWWBJOUHUPOUUFTSWJMFUQSFW
BCMF BOE QSPNPUJOH QVCMJDJUZ MIDBLJOSHFBFOJEQUFRONHBM
SFHVMBS TUPDL DIFDLT FTUBCMJTINMJBOHEFMQHEEJOVSCVEOHFUTDS
UIF DJFOU VTF PG SFTPVSDFT QMBUJOPDTH BPEUSJPMFDJJOHUIFBTMZF
TVQFSWJTJPO BOE QFSGPSNBODF PGFTBUBUIBOEVSBGFUZPNQMVSDFX

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSFVQE JOUP UIF GPM

1431 Sports, Recreation and Cultural Centre Managers

1439 Services Managers Not Elsewhere Classified

Unit Group 1431

Sports, Recreation and Cultural Centre Managers

Sports, recreation and cultural centre managers plan, organize and control the operations of es-
UBCMJTINFOUT UIBU QSPWJEF PQQPSUVOJUJFT
SJDBM BOE PUIFS SFDSFBUJPOBM BOE MJFZE T4FSWJDFT .BOBHFST P
5BTLT JODMVEF o
B QMBOOJOH BOE PSHBOJ[JOH UIF 4BFSWJDFT NBOBHFST 'PS JO
PG FOUFSUBJONFOU BUU-SBDUJPOT BOE TPDJBM BHFODJFT DPOGFSF
ities and sports and tness programmes to be P FSFE CZ UIF DFOUSF
(b) ensuring that facilities are kept clean and in HPPE DPOEJUJPO
D LFFQJOH BCSFBTU PG- OFX PQNFOUT JO UIF DSFBUJWF $BSTBWUBO QQBSBLSNBOOHFS
theatrical productions and performances by CBOET BOE PSDIFTUSBT
E BEWJTJOH PO UIF GBDJMJUJFT BOE QSP
NPUJOH QVCMJDJUZ JO SFMBUJPOWFMPDZUNBOBHFS
BOE BDUJWJUJFT
(e) checking and keeping custody of all cash re- DFJQUT BOE NBLJOH SFHVMBS TUPDL DIFDLT
(f) establishing and managing budgets, control- MJOH FYQFOEJUVSF BOE FOTVSJOH UIFF DJFOU
VTF PG SFTPVSDFT
H QMBOOJOH BOE EJSFDUJOH EBJMZ PQFSBUJPOT
I DPOUSPMMJOH UIF TFMFDUJPO BOE TVQFSWJTJPO PG TUB
QFSGPSNBODF PG TUB
(i) ensuring compliance with health and safety regulations.

Examples of the occupations classi ed here:
"NVTFNFOU QBSL NBOBHFS
Billiards or pool hall manager
Casino manager
Cinema manager
Leisure centre manager
Riding school manager
Sports centre manager
5IFBUSF NBOBHFS
5IFNF QBSL NBOBHFS

Some related occupations classi ed elsewhere:
"SU HBMMFSZ NBOBHFS o
-JCSBSZ NBOBHFS o
.VTFVN NBOBHFS o

Unit Group 1439

Services Managers Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST NBOBHFST UIBU
BOE DPPSEJOBUF UIF QSPWJTJPO PG T
TPQUPSUVOJUJFTTJBSFEJJTUOJUJDVNIBKFS (SPVQ 1
JO 4VC NBKPS (SPVQ)PTQJUBMJUZ 3
PG HFSWJDFT 4BFSWJDFT NBOBHFST 'PS JO
PG DPOGFSSFDFFT .BOBHFST P
tact centres and shopping centres are classi ed here.

Examples of the occupations classi ed here:
Camp site manager
Conference centre manager
Contact centre manager
Shopping centre manager

Note
&YDMVEFE GSPN UIJT VOJU HSPVQ BSF PDDVQ
WPMWF NBOBHJOH UIF QSPWJTJPO PG TQFDJBM
BOE UFDIOJDBM TFSWJDFT BOE-SFRVJSF TQFDJ
UJPOT BOE FYQFSJFODF SFMFWBOU UP POF PS
DMBTTJmFE JO .BKPS (SPVQ 1SPGFTTJP
(SPVQ 5FQPSBUJPOT BOE "TTPDJBU
5FDIOJDBO BOE 4VQFSWJTPSZ PDDVQBUJPOT BSF DMBTTJ
VOJU HSPVQT JO 4VC NBKPS (SPVQT "ENJOJT
$PNNFSDJBM .BOBHFST BOE 1SPEVDUJPO BO
J[FE 4FSWJDFT .BOBHFST

Ma~or Group 2
PROFESSIONALS

1SPGFTTJPOBMT JODSFBTF UIF FYJTUJOH LOPXMFEHF CBTF UIFPSJFT UFBDI BCPVU UIF GPSFHPJOH BOE DSFBUF OFX LOPXMFEHF BOE BQQMJDBUJPOT UIFTF BDUJWJUJFT $PNQFUFOU QFSGPSNBODF SFRVJSFT UIF BCJMJUZ UP BQQMZ UIFPSZ BOE QSJODJQMFT UP QSBDUJDBM TJUVBUJPOT

5BTLT QFSGPSNFE CZ QSPGFTTJPOBMT JODMVEF UIF BQQMJDBUJPO PG TDJFOUJGJD UIFPSJFT NFUIPET BOE LOPXMFEHF UP QIZTJDBM TDJFODFT NBUIFNBUJDT FOHJOFFSJOH BOE UFDIOPMPHZ MJGF TDJFODFT TPDJBM TDJFODFT CVTJOFTT BOE BENJOJTUSBUJPO BSUT BOE IVNBOJUJFT 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMVEFE

0DDVQBUJPOT JO UIJT NBKPS HSPVQ IBWF DPNNPO UBTLT TLJMMT BOE LOPXMFEHF SFRVJSFE UP QFSGPSN UIF GPMMPXJOH UBTLT

- **21 Science and Engineering Professionals**
- **22 Health Professionals**
- **23 Teaching Professionals**
- **24 Business and Administration Professionals**
- **25 Information and Communications Technology Professionals**
- **26 Legal, Social and Cultural Professionals**

Sub-ma~or Group 21

Science and Engineering Professionals

4 DJFODF BOE FOHJOFFSJOH QSPGFTTJPOBMT PS BQQMZJOH TDJFOUJmD DPODFQUT BOE PQFSBUJPOBM NFUIPET PS BQQMJDBUJPOT UP TPMWF QSPCMFNT JO BTUSPOPNZ, meteorology, chemistry, geophysics, geology, biology, ecology, pharmacology, medicine, mathematics, statistics, architecture, engineering, design and technology. Competent QFSGPSNBODF JO NPTU PDDVQBUJPOT UTVBMMZ JODMVEF UIF BCJMJUZ UP DPNNVOJDBUF JOGPSNBUJPO UP TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT NBKPS HSPVQ JOWPMWF UIF BQQMJDBUJPO PG TDJFOUJmD LOPXMFEHF BOE QSJODJQMFT BOE NFUIPET PG TDJFODF BOE UFDIOPMPHZ UP QIZTJDBM BOE FBSUI TDJFODF NBUFSJBMT BOE QSPDFTTFT BOE UP UIF TUVEZ PG UIF QSPQFSUJFT BOE QIFOPNFOB PG QIZTJDBM NBUUFS BOE UIF DPOTUSVDUJPO PG CVJMEJOHT UPHFUIFS XJUI UIF TUVEZ PG UIF DIBSBDUFSJTUJDT BOE QSPDFTTFT PG FOHJOFFSJOH UIFJS QSPEVDUT BOE XPSL PSHBOJ[BUJPOT SFRVJSFT TVDI QFSTPOT UP IBWF B TUSPOH GPVOEBUJPO JO NBUIFNBUJDT BOE TDJFODF BOE UIF BCJMJUZ UP BQQMZ UIJT LOPXMFEHF UP UIF TPMVUJPO PG QSPCMFNT JO UIF EFTJHO BOE EFWFMPQNFOU PG QSPEVDUT BOE QSPDFTTFT BOE PO UIF PQFSBUJPO BOE DPOUSPM PG FOHJOFFSJOH TZTUFNT BOE UIF QSPDFTTFT PG NBOVGBDUVSJOH BOE DPOTUSVDUJPO 5IFZ NBZ CF SFTQPOTJCMF GPS UIF EFTJHO PG TUSVDUVSFT BT XFMM BT NBDIJOFT BOE QSPEVDUT BOE GPS UIF EFWFMPQNFOU BOE PQFSBUJPO PG QSPDFTTFT GPS UIF QSPEVDUJPO PG DIFNJDBMT BOE QIBSNBDFVUJDBMT 5IFZ NBZ BMTP DBSSZ PVU SFTFBSDI PO UFDIOPMPHJDBM BTQFDUT PG QBSUJDVMBS NBUFSJBMT QSPEVDUT BOE QSPDFTTFT BOE PO UIF FGGJDJFODZ PG FOHJOFFSJOH UIFJS QSPEVDUT PS XPSL QSPDFTTFT BOE NBZ QSFQBSF TQFDJmDBUJPOT GPS UIF QSPEVDUJPO PG UPPMT BOE FRVJQNFOU UP DBSSZ PVU UIFTF UBTLT 0UIFS XPSLFST NBZ CF JODMVEFE

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF

- **211 Physical and Earth Science Professionals**
- **212 Mathematicians, Actuaries and Statisticians**
- **213 Life Science Professionals**
- **214 Engineering Professionals (excluding Electrotechnology)**
- **215 Electrotechnology Engineers**
- **216 Architects, Planners, Surveyors and Designers**

Minor Group 211

Physical and Earth Science Professionals

1IZTJDBM BOE FBSUI TDJFOUJTUT QFSGPSN QSPGFTTJPOBM UBTLT JO UIF BSFBT PG BTUSPOPNZ, meteorology, chemistry, geology and geophysics.

5BTLT QFSGPSNFE VTVBMMZ JOEMVEF UIF DPOEVDU PG FYQFSJNFOUT UP EFUFSNJOF QIZTJDBM DPOTUBOUT BOE NFBTVSFNFOUT PG UIJOHT TVDI BT NBTT MFOHUI UJNF UFNQFSBUVSF FMFDUSJDJUZ NBHOFUJTN BOE UIF QIZTJDBM QSPQFSUJFT PG NBUUFS BOE FOFSHZ 5IFZ NBZ BMTP BOBMZTF BOE JOUFSQSFU EBUB PCUBJOFE GSPN UIFTF FYQFSJNFOUT BOE QSFQBSF TDJFOUJmD QBQFST BOE SFQPSUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF

- **2111 Physicists and Astronomers**
- **2112 Meteorologists**
- **2113 Chemists**
- **2114 Geologists and Geophysicists**

Unit Group 2111

Physicists and Astronomers

Physicists and astronomers conduct research and J NQSPWF PS EFWFMPQ DP-ODFQUT BOE NFUIPET concerning matter, space, time, energy, forces and elds and the interrelationship CFUXFFO UIFTF QIZTJDBM QIFOPNFOB BOE UIF scienti c knowledge relating to physics and astronomy in industrial, medical, military or other elds.

5BTLT JODMVEF o

B DPOEVDUJOH SFTFBSDI- BOE JNQSPWJOH PS EFWFMoping concepts, theories, instrumentation, software and operational methods related to QIZTJDT BOE BTUSPOPNZ

C DPOEVDUJOH FYQFSJNFOUT UFTUT BOE BOBMZTFT on the structure and properties of matter in elds such as mechanics, thermodynamics, electronics, communications, power generation and distribution, aerodynamics, optics and lasers, remote sensing, medicine, sonics, NBHOFUJTN BOE OVDMFBS QIZTJDT

D FWBMVBUJOH SFTVMUT PG JOWFTUJHBUJPOT BOE FYQFSJNFOUT BOE FYQFSUTUJOH HSPVQT PG QIZTJDBM TVCTUBODFT VTJOH NBUIFNBUJDBM UFDIOJRVFT BOE NPEFMT

E BQQMZJOH QSJODJQMFT UFDIOJRVFT BOE QSPDFTTFT UP EFWFMPQ PS JNQSPWF .JDSPFMFDUSPNFDIBOJDBM BOE military and other practical applications of UIF QSJODJQMFT BOE UFDIOJRVFT PG BUPNJD BOE BTUSPOPNZ

F FOTVSJOH UIF TBGF BOE SFTQPOTJCMF VTF PG radiation (ionizing and non-ionizing) to patients, workers and the general public

(f) ensuring the accurate measurement and DIBSBDUFSJ[BUJPO PG QIZTJDBM BOE DIFNJDBM QBSBNFUFST JO NFEJDBM BQQMJDBUJPOT

H UFTUJOH DPNNJTTJPOJOH BOE NBJOUBJOJOH FRVJQment used in applications such as imaging, NFEJDBM USFBUNFOU BOE EJBHOPTJT

I B EWJTJOH BOE D P O S U L T I N G practitioners and other health care professionals in optimizing the balance between UIF CFOFmDJBM BOE EFMFUFSJPVT FGGFDUT PG EJBHOPTUJD BOE UIFSBQFVUJD QSPDFEVSFT

J PCTFSWJOH BOBMZTJOH BOE EFWFMPQJOH NFUIPET UP USBDL QIZTJDBM QIFOPNFOB BOE EFWFMPQNFOUT PWFS UJNF BOE QSFEJDU GVUVSF DPOEJUJPOT JODMVEJOH SBEJBUJPO CFMUT BOE DPTNJD SBZT

K EFWFMPQJOH JNQMFNFOU BOE NBJOUBJO standards and protocols for the measurement of physical phenomena and for the use of nuclear technology in industrial and medical BQQMJDBUJPOT

(k) preparing scienti c papers and reports.

Examples of the occupations classi ed here:

"TUSPOPNFS

.FEJDBM QIZTJDJTU

Nuclear physicist

Physicist

Some related occupations classi ed elsewhere:

3BEJBUJPO UIFSBQJTU o

3BEJPMPHJTU o

4QFDJBMJTU QIZTJDJBO OVDMFBS NBHOFUJD SFTPOBODF

2212

3BEJPIFBMUI QIZTJDJTU o

Note

It should be noted that, while they are appropriately classi ed in this unit group with other physicists, medical physicists are considered to be an integral part of the health workforce alongside those occupations classi ed JO 4VC NBKPS (SPVQ)FBMUI 1SPGFTTJPOBMT DMBTTJGJFE JO B OVNCFS PG PUIFS VOJU HSPVQT

(SPVQ 1SPGFTTJPOBMT

Unit Group 2112

Meteorologists

.FUFPSPMPHJTUT BOE QSPDFTTFT UFDIOJRVFT BOE QSPEVDUT JOWPMWJOH NBUIFNBUJDBM UFDIOJRVFT BOE QSPDFTTFT XJUI BUNPTQIFSJD QBSUJDMFT BOE UIF JOUFSBDUJPO PG BUNPTQIFSJD QBSUJDMFT XJUI FBDI PUIFS BOE XJUI UIF FOWJSPONFOU

Examples of the occupations classi ed here:

"HSJDVMUVSBM NFUFPSPMPHJTU

"HSPNFUFPSPMPHJTU

"QQMJFE NFUFPSPMPHJTU

"QQMJFE QIZTJDJTU

"UNPTQIFSJD QIZTJDJTU

"UNPTQIFSJD TDJFOUJTU

$MJNBUPMPHJTU

$MJNBUPMPHZ SFTFBSDIFS

$MPVE QIZTJDJTU

$MPVE TFFEJOH TDJFOUJTU

$PNQVUBUJPOBM NFUFPSPMPHJTU

$PNQVUFS NPEFMMJOH TQFDJBMJTU NFUFPSPMPHZ

$PNQVUFS TJNVMBUJPO TQFDJBMJTU NFUFPSPMPHZ

$PTNJD SBZ TDJFOUJTU

$PTNPMPHJTU

$PTNPMPHZ SFTFBSDIFS

&OWJSPONFOUBM NFUFPSPMPHJTU

&QJEFNJPMPHJTU

(FPQIZTJDJTU

(FPQIZTJDT SFTFBSDIFS

(FPQIZTJDT UFDIOJDJBO

(FPQIZTJDT UFDIOPMPHJTU

(FPQIZTJDT XPSLFS

(FPQIZTJDT XPSLFS BTTJTUBOU

(FPQIZTJDT XPSLFS UFDIOJDJBO

(FPQIZTJDT XPSLFS UFDIOPMPHJTU

(FPTDJFOUJTU

(FPTDJFOUJTU BTTJTUBOU

(FPTDJFOUJTU UFDIOJDJBO

(FPTDJFOUJTU UFDIOPMPHJTU

(FPTDJFOUJTU XPSLFS

(FPTDJFOUJTU XPSLFS BTTJTUBOU

(FPTDJFOUJTU XPSLFS UFDIOJDJBO

(FPTDJFOUJTU XPSLFS UFDIOPMPHJTU

(MBDJPMPHJTU

(MBDJPMPHZ SFTFBSDIFS

(MBDJPMPHZ UFDIOJDJBO

(MBDJPMPHZ UFDIOPMPHJTU

(MBDJPMPHZ XPSLFS

(MBDJPMPHZ XPSLFS BTTJTUBOU

(MBDJPMPHZ XPSLFS UFDIOJDJBO

(MBDJPMPHZ XPSLFS UFDIOPMPHJTU

(MBDJPNBSJOF HFPMPHJTU

(MBDJPNBSJOF HFPQIZTJDJTU

(MBDJPNBSJOF PDFBOPHSBQIFS

(MBDJPNBSJOF PDFBOPHSBQIFS BTTJTUBOU

(MBDJPNBSJOF PDFBOPHSBQIFS UFDIOJDJBO

(MBDJPNBSJOF PDFBOPHSBQIFS UFDIOPMPHJTU

(MBDJPNBSJOF PDFBOPHSBQIFS XPSLFS

(MBDJPNBSJOF PDFBOPHSBQIFS XPSLFS BTTJTUBOU

(MBDJPNBSJOF PDFBOPHSBQIFS XPSLFS UFDIOJDJBO

(MBDJPNBSJOF PDFBOPHSBQIFS

(f) participating in studies of the effect of XFBUIFS PO UIF FOWJSPONFOU
(g) analysing the impact of industrial projects and IVNBO BDUJWJUZ PO UIF DM the air, and working with the social science, engineering and economic communities to EFWFMPQ BQQSPQSJBUF NJUJHBUJPO I FOHBHJOH JO UIF EFTJHO BOE EFWFMPQNFOU PG OFX FRVJQNFOU BOE QSP- logical data collection and remote sensing, or GPS SFMBUFE BQQMJDBUJPOT J DPOEVDUJOH SFTFBSDI-PO BOE WFMPQJOH DPODFQUT UIFPSJFT BOE PQFSBUJPOBM methods related to the composition, structure and dynamics of the atmosphere, and preparing scienti c papers and reports on the outcome of this research.

(h) reproducing and synthesizing naturally occurring substances and creating new arti - DJBM TVCTUBODFT
(i) preparing scienti c papers and reports.

Example of the occupations classi ed here:
Chemist
Some related occupations classi ed elsewhere:
#JPDIFNJTU o
1IBSNBDPMPHJTU o
1IZTJDBM BOE QIZTJDBM TDJFOUJTU PG WFMPQJOH DPODFQUT UIFPSJFT BOE PQFSBUJPOBM

Examples of the occupations classi ed here:
Climatologist
Hydrometeorologist
.FUFPSPMPHJTU
Weather forecaster

Unit Group 2113
Chemists

$IFNJTUT DPOEVDU SFTFBSDI concepts, theories and operational methods, or apply scienti c knowledge relating to chemistry, UP EFWFMPQ OFX LOPXMFEHF BSSJWF RVBMJUZ BOE QSPDFTT DPOUSPMT
5BTLT JODMVEF o
B DPOEVDUJOH SFTFBSDI WFMPQJOH DPODFQUT JOTUSVNFOUBUJPO PQFSBUJPOBM NFUIPET SFMBUFE UP DIFNJTUSZ
C DPOEVDUJOH FYQFSJNFOUT UP JOWFTUJHBUF DIFNJDBM SFBDUJPOT PS QSPQFSUJFT PG OBUVSBM PS TZOUIFUJD TVCTUBODFT NBUFSJBMT PS QSPDFTTFT
D EFWFMPQJOH QSPDFEVSFT TUFQT DPOTUSVDUJPO QSPDFTTFT BOE QSPDFEVSFT GPS NBOVGBDUVSJOH DIFNJDBM QSPEVDUT
(d) conducting programmes of sample and data DPNNFDUJPO BOE BOBMZTJT UP JEFOUJGZ FOWJSPONFOUBM UPYJDBOUT
(e) participating in interdisciplinary research BOE EFWFMPQNFOU QSPKFDUT chemical engineers, biologists, microbiologists, agronomists, geologists or other pro- GFTTJPOBMT
G VTJOH NJDSP PSHBOJTNT UP DPOUSPM JOUP OFX DPNQPVOET
(g) determining ways to strengthen or combine NBUFSJBMT PS EFWFMPQ OFX

Unit Group 2114
Geologists and Geophysicists

(FPMPHJTUT BOE HFPQIZTJDJTUT DP JNQSPWF PS EFWFMPQ DP- BUJPOBM NFUIPET PS BQQMZ TDJFOUJm relating to geology and geophysics in such elds BT PJM HBT BOE NJOFSBM- FYQMPSBUJP UJPO XBUFS DPOTFSWBUJPO DJWJM FO DPNNVOJDBUJPOT BOE OBWJHBUJPO BOE BOE NJUJHBUJPO PG UIF F FDUT PG EFW XBTUF EJTQPTBM QSPKFDUT PO UIF FO
5BTLT JODMVEF o
B DPOEVDUJOH SFTFBSDI BOE JNQSP NFUIPET SFMBUFE UP HFPMPHZ BOE
(b) studying composition and structure of the TPJMT BOE PUIFS NBUFSJBMT UP EFUFSNJOF QSPDFTTFT
B FDUJOH UIF EFWFMPQNFOU PG UIF MJGF FTU
(c) interpreting research data and preparing geological reports, maps, charts and diagrams
(d) applying geological knowledge to problems such as the construction of dams, bridges, tunnels and large buildings, and land reclaIFS
F VTJOH WBSJPVT SFNPUF TFOTJOH JEFOUJGZJOH XFJHIU, TJ[F BOE NBTT UFDIOJRVFT UP EFUFSNJOF UIF DIBSBDUFS
(f) estimating weight, size and mass of the Earth and composition and structure of its interior,
B DPOEVDUJOH UIF HSBWJUBUJPOBM PCTFSWBUJPOT
(g) charting the Earth s magnetic eld and applying this and other collected data for OBWJHBUJPO BOE PUIFS

(h) studying and measuring physical properties of seas and the atmosphere and their interSFMBUJPOTIJQ TVDI BT UIF FXDBUFGSTF PG UIFSNBM FOFSHZ

(i) locating and determining the nature and FYUFOU PG PJM HBT BOE NJOFSBM TFJTNPMPHJDBM HSBWJNFUSJD NBHOFUJD FMFD USJDBM PS SBEJPNFUSJD NEXamples of the occupations classi ed here:

(j) identifying deposits of construction materials and determining their characteristics and suitability for use as concrete aggregates, SPBE mMM PS GPS PUIFS BQQMJDBUJPOT

L SFTFBSDIJOH UIF NPWFNFOU EJTUS physical properties of ground and surface

M BEWJTJOH JO BSFBT TVDI BT XBTUF route and site selection and the restoration of contaminated sites

(FPMPHJDBM PDFBOPHSBQIFS
(FPMPHJTU
(FPQIZTJDBM PDFBOPHSBQIFS
(FPTDJFOUJTU

Minor Group 212

Mathematicians, Actuaries and Statisticians

.BUIFNBUJDJBOT BDUVBSJFT BOE TUBUJTUJDJBOT JDBM BDUVBSJBM BOE TUBUJTUJDBM apply this knowledge to a wide range of tasks in such elds as engineering, business and social and other sciences.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFQ JOWEEJBOH FNBQSIDWBJMOHBDOE BSJBM BOE TUBUJTUJDBM UIFPSJFTQBMZJOHDNBJURVFNTBUJEWBTQSJOPDJ NPEFMT BOE UFDIOJRVFT UP B XJEFGHSBOHFHSFJOHG OBTUVSBJMO UIFD PS MJGF TDJFODFT DPOEVDUJOH CMMFHNJTBFMTQEBJMBZMTFZ PG NBSO JOQVUoPVUQVU F FDUJWFOFTT BOE GPGSNFWBMBQJSOHCMBNUIVFTNBBJMDMZMG QSPHSBNNJOH BOE TPMVUJPO CZ DPNQVUFSS BOE MJGF IFBMUI TPDJBM BOE PUIFS QSPCBCJMJUZ BOE SJTL UIFPSZ UP TPMVJHFTGTVQPSUF PGWJBOUTnOBMOBOJOM PSHBOJ[JOH TVSWFZT BOE PUIFS TUBUJTUJDBM QSPDFTTJOH BOBMZTJOH BOE JOUFSQSFUJOHGBSJ-JTVCJMBDBE BJBRUB WJTJOH PO PS BQQMZJOH WBSJPVT TUBUJTUJDBM MFUIPET JO PSEFS UP JEOUJGZ BOE determining reliability of ndings, especially in such elds as business or medicine as well BT JO PUIFS BSFBT PG OBUVSBM TDJFODF BOE TPDJBM TDJFODF

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBVSE JDUMBSTFWQFE JOUP UIF GPM

2120 Mathematicians, Actuaries and Statisticians

Unit Group 2120

Mathematicians, Actuaries and Statisticians

.BUIFNBUJDJBOT BDUVBSJFT BOE TUBUJTUJDJBOT EVDU SFTFBSDI BOE JNQSPWF PSFEFMVFJWPMPQNFOUTUIFOBNBE GPSNVMBUJOH NE ical, actuarial and statistical concepts, theories BOE PQFSBUJPOBM NFUIPET BOEJCUIFDJEJFOUFSDZ DPNQVUFS BEWJTF PO PS FOHBHF -JOC tion in such elds as engineering, business and social and other sciences.

5BTLT JODMVEF o

B TUVEZJOH JNQSPWJOH BadEriskEtheoryEtoEassessEpotentialEandEal JNQBDUT PG GVUVSF FWFOUT

G QMBOOJOH BOE PSHBOJ[JOH TVSWF DJQMFT NPEFMT BOE UFDIOJRVFTPOEBJXSFF SBOHF

of tasks in the elds of engineering, natural, TPDJBM PS MJGF TDJFODFT

(c) conducting logical analyses of management models of each problem usually for program-

(d) designing and putting into operation computer schemes and life, health, social and other UZQFT PG JOTVSBODF TZTUFNT

(e) applying mathematics, statistics, probability

H FWBMVBUJOH QSPDFTTJOH EkamBeSofMeZTcupatiBonCaSsJoDlueS:
preting statistical data and preparing them "DUVBSZ
GPS QVCMJDBUJPO %FNPHSBQIFS
I BEWJTJOH PO PS BQQMZJOH WBSJPVT UBUJTUJDBM Operations research analyst
tion methods and statistical methods and Statistician
UFDIOJRVFT BOE EFUFSNJOJOH ndings, especially in such elds as business or medicine as well as in other areas of natural and statistical assistants and statistical clerks.

Some related occupations classi ed elsewhere:
J QSFQBSJOH TDJFOUJmD QBQFST PS TVCTUBODFT o
K TVQFSWJTJOH UIF XPSL PG TUBUJTUJDBM BOE TVSWFZ o
4UBUJTUJDBM BTTJTUBOU o
"DUVBSJBM DMFSL o
4UBUJTUJDBM DMFSL o

Minor Group 213
Life Science Professionals

Life science professionals apply knowledge gained from research into human, animal and mental problems.

natural resources.

2131 Biologists, Botanists, Zoologists and Related Professionals

2132 Farming, Forestry and Fisheries Advisers

2133 Environmental Protection Professionals

Unit Group 2131
Biologists, Botanists, Zoologists and Related Professionals

Biologists, botanists, zoologists and related interactions with each other and with the ology, ecology, marine biology, genetics, immu-

(a) undertaking research in laboratories and in the eld to increase scienti c knowledge of

C EFTJHOJOH BOE DPOEVDUJOH FYQF UFTUT
(c) gathering human, animal, insect and plant specimens and data, and studying their
scopes, telemetry, global positioning systems,
(e) identifying, classifying, recording and moni-
(f) writing scientific papers and reports detailing research and analysis findings which are then

H EFTJHOJOH BOE DBSSZJOH PVU FYQFSJNFOUBM impact assessments to identify changes DBVTFE CZ OBUVSBM PS JWNBOBHFNFOU I QSPWJEJOH BEWJDF UP-HPWFSONFOU tions and businesses in areas such as conser- WBUJPO NBOBHFNFOU PG OBUVSBM SFTPVSDFT BOE UIF F FDUT PG DMJNBUF DIBOHF

Examples of the occupations classi ed here:

"OJNBM CFIBWJPVSJTU
Bacteriologist
Biochemist
Biologist
Biomedical researcher
Biotechnologist
Botanist
Cell geneticist
.BSJOF CJPMPHJTU
.JDSPCJPMPHJTU
.PMFDVMBS CJPMPHJTU
.PMFDVMBS HFOFUJDJTU
Pharmacologist
Zoologist

Some related occupations classi ed elsewhere:

&DPMPHJTU o

Note

.FEJDBM SFTFBSDI QSPGFTTJPOBMT XIP QBSUJDJQBUF JO CJP NFEJDBM SFTFBSDI VTJOH MJWJOH PSHBOJTNT BOE EPPU VOEFSUBLF DMJOJDBM QSBDUJDF BSF DMBTTJmFE JO 6OJU (SPVQ #JPMPHJTUT #PUBOJTUT ;PPMPHJTUT BOE 1IZTJPMPHJTUT GFTTJPOBMT 5IPTF XIP BMTP VOEFSUBLF DMJOJDBM QSBDUJDF BSF DMBTTJmFE JO .JOPS (SPVQ

Unit Group 2132

Farming, Forestry and Fisheries Advisers

'BSNJOH GPSFTUSZ BOE mTIFSJFT4 BEWJTFST VTVBMMZ DPOTVMU XJUI GBSNFST PS GPSFTUSZ BOE mTIFSJFT NBOBHFNFOU JOEJWJEVBMT XIP QSPWJEF BTTJTUBODF BOE BEWJDF UP HPWFSONFOU BOE PUIFS HBDUPST B FDUJOH GBSNJOH GPSFTUSZ BOE QSPEVDUJWJUZ BOE TVTUBJOBCMF NBOBHFNFOU PG OBUVSBM SFTPVSDFT and policies for land and sheries management.

5BTLT JODMVEF o

(a) collecting and analysing data and samples re- MBUFE UP QSPEVDF GFFE TVQQMJFT GPS GBSNT PUIFS GBDUPST B FDUJOH GBSNJOH QSPEVDUJPO

C BEWJTJOH PO UFDIOJDBM BTQFDUT PG QSPEVDUJPO BMUFSOBUJWF QSPEVDUJPO TZTUFNT BOE QSBDUJDFT

D BEWJTJOH PO MJWFTUPDL BSFBT TVDI BT USPM PG QFTUT BOE XFFET BOJNBM IVTCBOESZ BOE GFFEJOH QSBDUJDFT

commercial crop production, pasture growth, BOJNBM CSFFEJOH mTI TUPDLT BOE UIF HSPXUI PG USFFT

(f) studying sh migration, growth, feeding and TQBXOJOH BOE EFWJTJOH NFUIPET PG GFSUJMJ[JOH JODVCBUJOH BOE IBUD

(g) researching into characteristics, use capa- CJMJUZ BOE QSPEVDUJWJUZ PG TPJM mOEJOHT UP EFWFMPQNFOU PG JNQSPW UVSBM IPSUJDVMUVSBM BOE GPSFT

I EFWFMPQJOH QSPDFEVSFT BOE UFD TPMWJOH BHSJDVMUVSBM QSPCMFNT E UIF F DJFODZ PG QSPEVDUJPO

(i) managing forest and sheries resources to NBYJNJ[F UIFJS MPOH UFSN DPNNFSD SFBUJPOBM BOE FOWJSPONFOUBM CFO

(j) studying the propagation and culture of forest USFFT NFUIPET GPS JNQSPWJOH U TUPDL BOE UIF F FDUT PG UIJOC ZJFMET

L JOWFTUJHBUJOH QMBOOJOH BOE management procedures to cope with the F FDUT PG mSFT nPPET ESPVHIUT QFTUT BOE EJTFBTFT

(l) preparing scienti c reports and conducting BEWJTPSZ JOGPSNBUJPO TFSWJDFT for farming, forestry and shing communi- ties and other groups

.FEJDBM %PDUPST

Examples of the occupations classi ed here:

"HSPOPNJTU
'JTIFSJFT BEWJTFS
'PSFTUSZ BEWJTFS
Forestry scientist
Horticultural scientist

Unit Group 2133

Environmental Protection Professionals

&OWJSPONFOUBM QSPUFDUJPO QSPGFTTJPOBMT BOE BTTFTT UIF FGGFDUT PO UIF FOWJSPONFOU BJS XBUFS BOE TPJM PG QPMMVUJPO DMJNBUF DIBOHF waste and depletion and degradation of natural SFTPVSDFT BOE QSPWJEF BEWJDF UP PUIFST PO UIF FOWJSPONFOUBM JNQBDUT PG QSPQPTFE QMBOT BOE QPMJDJFT

(a) conducting research, performing tests, collecting samples, performing field and

laboratory analysis to identify sources of en-
WJSPONFOUBM QSPCMFNT
XBZT UP QSFWFOU D POUSPM
JNQBDU PG TVDI QSPCMFNT
(b) assessing the likely impact that potential or
QSPQPTFE BDUJWJUJFT-
NFOUT NBZ IBWF PO UIF FOWJSPONFOU
SFDPNNFOEJOH XIFUIFS TVDI
TIPVME QSPDFFE
D EFWFMPQJOH BOE DPPSE-JOBUJOH
UJPO PG FOWJSPONFOUBM NBOBHFNFOU
to enable organizations to identify, monitor
BOE DPOUSPM UIF JNQBDU PG
QSPEVDUT BOE TFSWJDFT PO
E DPOEVDUJOH BVEJU-T UP
NFOUBM JNQBDU PG FY-JTUJOH
DFTTFT XBTUFT OPJTFT BOE
(e) assessing an organization s compliance with
HPWFSONFOU BOE JOUFSOBM
SFHVMBUJPOT BOE HVJEF-MJOFT
tions and determining appropriate remedial
BDUJPO

G QSPWJEJOH UFDIOJDBM BEWJDF BO
BOWEJDSFFTDPNNFSDIBMJ[BUJPOT PO IPX CF
mOBODJBM MPTT
QSHPKEFDWUFMBQJEOEFDWPEMTPQWBUJPO QMBOT
Examples of the occupations classi ed here:
"JS QPMMVUJPO BOBMZTU
$IFNJTUSZ BUNPTQIFSJD TDJFOUJTU
Ecologist
&OWJSPONFOUBM TDJFOUJTU
Park ranger
Some related occupations classi ed elsewhere:
&OWJSPONFOUBM FOHJOFFS o

Minor Group 214

Engineering Professionals (excluding Electrotechnology)

&OHJOFFSJOH QSPGFTTJPOBMT FYDMVEJOH
construction, installation and maintenance of structures, machines and their components, and
QSPEVDUJPO TZTUFNT BOE QMBOUT
UIBU FOHJOFFSJOH QSPKFDUT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF MQQMSBPDDFJTOTHTBZOEFENFTTJDHJOWJOMH
HJOFFSJOH QSPKFDUT NFDIBOJDBM
PUIFS FOHJOFFSJOH QSPKFDUT
DPOTUSVDUJPO NFUIPET TVQFSWJTJOHX
transportation systems, and the manufacture, installation, operation and maintenance of
FRVJQNFOU NBDIJOFT BOE QMBOU
NBUFSJBMT QMBOU BOE FRVJQNFOU
FTUJNBUFT BT UPPMT GPS
WBSJPVT mFMET PG FOHJOFFSJOH

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSFJOE JDUMBSTFWQFE JOUP UIF GPM

2141 Industrial and Production Engineers
2142 Civil Engineers
2143 Environmental Engineers
2144 Mechanical Engineers
2145 Chemical Engineers
2146 Mining Engineers, Metallurgists and Related Professionals
2149 Engineering Professionals Not Elsewhere Classified

Unit Group 2141

Industrial and Production Engineers

Industrial and production engineers conduct
SFTFBSDI BOE EFTJHO PSHBWFQFTBTOBOEWTFBSGTFUZ UIF

construction, operation and maintenance of in-
dustrial production processes and installations.
5IFZ FTUBCMJTI QSPHSBNNFT GPS UIF DP
PG NBOVGBDUVSJOH BDUJW-JUJFT BOE BT

5BTLT JODMVEF o
(a) studying functional statements, organizational charts and project information to determine functions and responsibilities of workers and work units and to identify areas PG EVQMJDBUJPO
(b) establishing work measurement programmes BOE BOBMZTJOH XPSL TBNQMJOH QMBOT UP EFUFSNJOF TUBOEBSET GPS MBCPVS VUJMJTBUJPO
(c) analysing workforce utilization, facility layout, operational data and production schedules and costs to determine optimum XPSLFPSDF BOE FRVJQNFOU F DJFODZ
E EFWFMPQJOH TQFDJmDBUJPOT BOE EFTDSJQUJPOT PG TZTUFNT QSPDFEVSFT BOE QSPDFTTFT
(e) organizing and managing project labour and UIF EFMJWFSZ PG NBUFSJBMT QUIFSTUJDIFU FRVJQNFOU BOE TVQQMJFT
(f) establishing standards and policies for installation, inspection and maintenance according to engineering principles
(h) directing the maintenance of plant building and equipment
(j) liaising with materials buying, storing and controlling departments to ensure a steady flow of supplies

Examples of the occupations classified here:
Industrial efficiency engineer
Industrial engineer
Industrial plant engineer
Production engineer

Some related occupations classified elsewhere:
Manufacturing production supervisor

Unit Group 2142
Civil Engineers

Civil engineers design, supervise and direct the construction of bridges, dams, docks, roads, airports, railways, canals, pipelines, waste-disposal and flood-control systems, and industrial and public buildings.
(c) determining and specifying construction methods, quantities of materials required and costs
(d) establishing control systems to ensure efficient functioning of structures as well as
(e) organizing and directing maintenance and repair
(g) analysing the stability of structures and the properties of materials used in their construction.

Examples of the occupations classified here:
Structural engineer

Some related occupations classified elsewhere:
Architect
Architectural draughtsperson
Building and civil engineering technician
Surveyor and cartographer

Unit Group 2143
Environmental Engineers

Environmental engineers apply engineering principles to pollution control, recycling and waste disposal.
(a) conducting research and assessing and reporting on the environmental impact of industrial and municipal activities

management or remediation of water, air or TPJM RVBMJUZ

E QSPWJEJOH FOWJSPONFOUBM DPOTVMUBODZ BOE BEWJDF PO FOWJSPONFOUBM JTTVFT tance in network analysis, regulatory ana- MZTJT BOE QMBOOJOH PG TZTUFNT PG EFWFMPQNFOU

(e) obtaining, updating and maintaining plans, QFSNJUT BOE TUBOEBSE PQFSBUJOH QSPDFEVSFT

G QSPWJEJOH FOHJOFFSJOH BYOFMUFBTJCJMJUZ TUVEJFT GPS FOWJSPONFOUBM SFNFEJBUJPO tion projects, including remediation system design and determination of regulatory ap- QMJDBCJMJUZ

H NPOJUPSJOH QSPHSFTT NFHUFTUJOH BOE SFQPSUJOH PO FOWJSPONFOUBM QSPHSBNNFT

I BEWJTJOH DPSQPSBUJPOT BOE HPWFSONFOUBM BHFODJFT PO NBUUFST PG FOWJSPONFOUBM cies of procedures to follow in cleaning up contaminated sites to protect people and the FOWJSPONFOU

J DPNNVOJDBUJOH XJUI FOWJSPONFOUBM TQFDJBMJTUT BOE PUIFS QSPGFTTJPOBMT UP BEESFTT FOWJSPONFOUBM planners, hazardous waste technicians, engi- neers from other disciplines and specialists in MBX BOE CVTJOFTT UP BEESFTT FOWJSPONFOUBM problems.

Examples of the occupations classi ed here:

"JS QPMMVUJPO DPOUSPM FOHJOFFS
&OWJSPONFOUBM BOBMZTU
&OWJSPONFOUBM FOHJOFFS
&OWJSPONFOUBM SFNFEJBUJPO TQFDJBMJTU
Wastewater process engineer

Some related occupations classi ed elsewhere:

&OWJSPONFOUBM TDJFOUJTU o
3BEJBUJPO QSPUFDUJPO FYQFSU o

Unit Group 2144

Mechanical Engineers

.FDIBOJDBM FOHJOFFST DPOEVDU SFTFBSDI BOE BEWJTF PO BOE EFTJHO PG NBDIJOFT on, design and direct production of machines, aircraft, ships, machinery and industrial plant, FRVJQNFOU BOE TZTUFNT BOE BEWJTF PO UIFJS GVODUJPOJOH NBJOUFOBODF BOE PQFSBUJPO TUVEZ BOE BEWJTF PO NFDIBOJDBM BTQFDUT PG ticular materials, products or processes.

5BTLT JODMVEF o

B BEWJTJOH PO BOE EFTJHOJOH JOEVTUSJBM tools for manufacturing, mining, construc- tion, agricultural and other industrial pur- QPTFT

C BEWJTJOH PO BOE EFTJHOJOH JOUFSOBM combustion and other non-electric motors and engines used for propulsion of railway MPDPNPUJWFT SPBE WFIJDMFT BJSDSBGU FOHJOFT BOE SPWJOH JOEVTUSJBM PS PUIFS TQFDJBM

D BEWJTJOH PO BOE EFTJHOJOH JWMM UVSFTT BOE QSPQVMTJPO TZTUFNT PG DPOUSPM BOE VUJMJ[BUJPO PG FOFSHZ TVQQMZ TZTUFNT BOE BTTPDJBUFE FRVJQNFOU GPS HFBS QVNQT BOE PUIFS NFDIBOJDBM FMFWBUJOH BOE IBOEMJOH FRVJQNFOU GPS DPOUJOVPVT QSPDFTTFT

E BEWJTJOH PO BOE EFTJHOJOH BJSDSBGU FRVJQNFOU GPS FOHJOFT BOE BTTPDJBUFE TZTUFNT

F BEWJTJOH PO BOE EFTJHOJOH OPO parts of apparatus or products such as word processors, computers, precision instru- NFOUT UP WFSJGZ UIBU UIFZ DPNQMZ XJUI EFTJHO TQFDJmDBUJPOT BOE TBGFUZ TUBOEBSET

(f) establishing control standards and pro- DFEVSFT UP WFSJGZ UIBU UIF EFTJHO BOE safety of machines, machinery, tools, motors, FOHJOFT JOEVTUSJBM QMBOU FRVJQNFOU UFNT

UIBU UIF EFTJHO BOE NBJOUFOBODF PG UIFTF JUFNT DPNQMZ XJUI EFTJHO TQFDJmDBUJPOT BOE TBGFUZ TUBOEBSET maintenance comply with design speci ca- tions and safety standards.

Examples of the occupations classi ed here:

"FSPOBVUJDBM FOHJOFFS
Engine designer
.BSJOF FOHJOFFS
.FDIBOJDBM FOHJOFFS
4IJQT FOHJOFFS o

Unit Group 2145

Chemical Engineers

Chemical engineers conduct research and de- WFMPQ BEWJTF PO BOE EJSFDU DIFNJDBM QSPDFTTFT BOE QSPEVDUT such as EFWFMPQJOH TZOUIFUJD NBUFSJBMT 5IFZ EJSFDU PS TZOUIFTJTF PG DIFNJDBM BOE QIZTJDBM QSPDFTTFT BOE EFTJHO PG DIFNJDBM QMBOUT BOE FRVJQNFOU

5BTLT JODMVEF o

B DPOEVDUJOH SFTFBSDI BOE BEWJTF DFTTFT UP SFmOF DSVEF PJM BOE PUIFS gases, and to produce substances and items TVDI BT QFUSPMFVN EFSJWBUJWFT food and drink products, medicines or syn- UIFUJD NBUFSJBMT

(b) specifying chemical production methods, UFDIOJRVFT BOE QSPDFTTFT UP QSPEVDF DIFNJDBMT

(c) establishing control standards and procedures to ensure safety and efficiency of chemical production operations and safety
PG XPSLFST PQFSBUJOH FRVJQNFOU BOE TVQFSWJTJOH UFDIOJDBM BTQFDUT
XPSLJOH JO DMPTF QSPY-JNJUZ UP FRVJQNFOU BOE BMMPZT BOE BE
JDBM SFBDUJPOT TVQFSWJTJOH UFDIOJDBM BTQFDUT
E EFTJHOJOH DIFNJDBM- QMBOUT BOE QSPDFTTFT UP NBLF
WJTJOH QSPDFTTFT G-PS DBMT BOE QSPEVDUT
(e) performing tests throughout stages of production to determine conformance with product specifications
(g) preparing estimates of production costs and quotations
(h) performing laboratory studies of steps in the manufacture of new products and testing proposed processes in small-scale operations such as a pilot plant.

Examples of the occupations classi ed here:
Chemical engineer
Fuel technologist
Plastics technologist
Re nery process engineer

Unit Group 2146

Mining Engineers, Metallurgists and Related Professionals

.JOJOH FOHJOFFST NFUBMMVSHJTUT BOE SFMBUFE QSPGFTTJPOBMT work in mining, extracting metals from their ores, or minerals, developing new alloys, ceramic and other materials, or study particular materials, products or processes.

5BTLT JODMVEF o
(a) determining the location and planning the extraction of metallic minerals, and building materials such as stone and gravel
(b) determining the most suitable methods of excavation, machinery to be used, planning layout and sequence of operations
D EFUFSNJOJOH FTJMMJOHT PG DPOUSPMMJOH NFUIPET PG DPOUSPMMJOH PS HBT GSPN XFMMT
(d) planning and directing storage, initial treatment and subsequent processing of ores
(e) establishing safety standards and procedures and first-aid facilities, especially under-
G DPOEVDUJOH SFTFBSDI EFWFMPQ
PG FYUSBDUJOH NFUBMT GSPN UIF
WJTJOH PO UIFJS BQQMJDBUJPO
(h) maintaining technical liaison and consul-
UBOUZ XJUI PUIFS SFMFWBOU TQFDJB
HFPMPHJTUT BOE HFPQIZTJDJTUT
Examples of the occupations classi ed here:
& YUSBDUJWF NFUBMMVSHJTU
1FUSPMFVN BOE OBUVSBM HBT FYUSE
engineer

Some related occupations classi ed elsewhere:
(FPMPHJTU o
(FPQIZTJDJTU o

Unit Group 2149

Engineering Professionals Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST FOHJOFFSJO
OPU DMBTTJGJFE FMTFXIFSF JO .JOPS
&OHJOFFSJOH 1SPGFTTJPOBMT FYDMV
UFDIOPMPHZ PS JO .JOPS (SPVQ
technology Engineers. For instance, the group
SFTFBSDI EFWFMPQNFOU BOE QSPEVDU
TFSWJDJOH UFDIOJDBM BTQFDUT
(d) applying knowledge of engineering to the
EFTJHO EFWFMPQNFOU BOE FWBMVBU
logical and health systems and products such as arti cial organs, prostheses and instru-
C EFTJHOJOH EFWJDFT VTFE JO WBS
procedures and imaging systems such as
NBHOFUJD SFTPOBODF JNBHJOH BOE
(e) designing components of optical instruments such as lenses, mirrors, prisms and lters
(d) designing, testing and coordinating the de-
NFFU NJMJUBSZ QSPDVSFNFOU TQFDJ
F EFTJHOJOH BOE PWFSTFFJOH UIF
and operation of nuclear reactors and power

plants and nuclear fuels reprocessing and SFDMBNBUJPO TZTUFNT

G EFTJHOJOH BOE EFWFMPQJOH such as reactor cores, radiation shielding and associated instrumentation and control NFDIBOJTNT

H BTTFTTJOH EBNBHF BOE QSPWJEJOH GPS NBSJOF TBMWBHF PQFSBUJPOT

I TUVEZJOH BOE BEWJTJOH PO of particular manufacturing processes, such BT UIPTF SFMBUFE UP HMBT4TV MFBUIFS QSPEVDUT XPPE BOE QSJOUJOH

(i) identifying potential hazards and introducing TBGFUZ QSPDFEVSFT BOE EFWJDFT

Examples of the occupations classi ed here:
Biomedical engineer
&YQMPTJWF PSEOBODF FOHJOFFS
.BSJOF TBMWBHF FOHJOFFS

.BUFSJBMT FOHJOFFS
Nuclear power generation engineer
Optical engineer
2VBOUJUZ TVSWFZPS
Safety engineer

Some related occupations classi ed elsewhere:
*OEVTUSJBM BOE QSPEVDUJPO FOHJOFFSJOH TVQFSWJTPST
&OWJSPONFOUBM FOHJOFFST o
4VSWFZJOH UFDIOJDJBOT

Note
It should be noted that, while they are appropriately classi ed in this unit group with other engineering professionals, biomedical engineers are considered to be an integral part of the health workforce alongside those occupations classi ed in 4VC-NBKPS (SPVQ 1SPGFTTJPOBMT JO .BKPS (SPVQ

Minor Group 215
Electrotechnology Engineers

&MFDUSPUFDIOPMPHZ FOHJOFFST DPOTUSVDU NBJOUBJO BOE BEWJTF PO struction and operation of electronic, electrical and telecommunications systems, components, NPUPST BOE FRVJQNFOU 5IFZ QSFQBSF TQFDJmDBUJPOT UFDIOJDBM SFQPSUT BOE EPDVNFOUBUJPO DPODFSOJOH UIF QFSGPSNBODF BOE TBGFUZ PG FMFDUSJDBM BOE FMFDUSPOJD BTTFNCMJFT BOE TZTUFNT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF DPOEVDUJOH UFDIOJDBM SFTFBSDI PO BEWBODF BOE SFQBJS PG FMFDUSJDBM BOE FMFDUSPOJD QPXFS TZTUFNT BOE FRVJQNFOU UFTUJOH BOE FWBMVBUJOH UIF QFSGPSNBODF PG FMFDUSJDBM QPXFS TZTUFNT BOE FRVJQNFOU JOTQFDUJOH UFTUJOH BOE DPNNJTTJPOJOH FMFDUSPOJD BOE UFMFDPNNVOJDBUJPOT TZTUFNT BOE FR

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBSE JDUMBTTJmFE JOUP UIF GPM

2151 Electrical Engineers
2152 Electronics Engineers
2153 Telecommunications Engineers

Unit Group 2151
Electrical Engineers

&MFDUSJDBM FOHJOFFST DPOEVDU TVQFSWJTF BOE EJSFDU UIF DPOTUSVDUJPO on, design and direct the construction and operation of electrical systems, components, motors BOE FRVJQNFOU BOE BEWJTF PO UFDIOJDBM BTQFDUT PG UIFJS functioning, maintenance and repair, or study BOE BEWJTF PO UFDIOPMPHJDBM EFWFMPQNFOUT JO engineering materials, products and processes.

5BTLT JODMVEF o

B BEWJTJOH PO BOE EFTJHOJOH TZTUFNT and systems which generate, transmit and EJTUSJCVUF FMFDUSJDBM QPXFS

C TVQFSWJTJOH DPOUSPMMJOH BOE NPOJUPSJOH UIF operation of electrical generation, transmission and distribution systems

D BEWJTJOH PO BOE EFTJHOJOH TZTUFNT trical motors, electrical traction and other FRVJQNFOU PS FMFDUSJDBM EPNFTUJD BQQMJBODFT

(e) specifying electrical installation and application in industrial and other buildings and PCKFDUT

(g) establishing control standards and procedures to monitor performance and safety

B BEWJTJOH PO UIF HFOFSBUJPO BOE EJTUSJCVUJPO PG FMFDUSJDBM QPXFS TZTUFNT

(f) determining manufacturing methods for electrical systems, as well as maintenance and BOE SFQBJS PG FYJTUJOH FMFDUSJDBM FRVJQNFOU

Examples of the occupations classi ed here:
Electrical engineer

Electric power generation engineer
Electromechanical engineer

Some related occupations classi ed elsewhere:
/VDMFBS QPXFS HFOFSBUJPO FOHJOFFS o
&MFDUSPOJDT FOHJOFFS o
#SPBEDBTU FOHJOFFS o
5FMFDPNNVOJDBUJPOT FOHJOFFS o

Unit Group 2152
Electronics Engineers

Electronics engineers conduct research on, design and direct the construction functioning, maintenance and repair of electronic systems, and study engineering materials, products or processes.

5BTLT JODMVEF o
B BEWJTJOH PO BOE EFTJHOJOH FMFDUSPOJD DJSDVJUT DPNQPOFOUT TFNJDPOEVDUPST
or components, circuits, semi-conductors
BOE TZTUFNT
(b) specifying production or installation
NFUIPET NBUFSJBMT BOE FRVJQNFOU
and directing production or installation work
PG FMFDUSPOJD QSPEVDUT
(c) establishing control standards and procedures
to ensure e cient functioning and safety of
FMFDUSPOJD TZTUFNT NPUPST BOE FRVJQNFOU
(d) organizing and directing maintenance and
SFQBJS PG FYJTUJOH FMFDUSPOJD
FRVJQNFOU
(e) designing electronic circuits and components
for use in elds such as aerospace guidance
and propulsion control, acoustics, or instru-
NFOUT BOE DPOUSPMT
G SFTFBSDIJOH BOE BEWJTJOH
BOE SFNPUF DPOUSPM TZTUFNT
PUIFS FMFDUSPOJD FRVJQNFOU
H EFTJHOJOH BOE EFWFMPQJOH
algorithms and implementing these through
appropriate choice of hardware and soft-
XBSF
I EFWFMPQJOH BQQBSBUVT BOE
electronic components, circuits and systems.

Examples of the occupations classi ed here:
Computer hardware engineer
Electronics engineer
Instrumentation engineer

Some related occupations classi ed elsewhere:
5FMFDPNNVOJDBUJPOT FOHJOFFS o

Unit Group 2153
Telecommunications Engineers

5FMFDPNNVOJDBUJPOT FOHJOFFSTT DPOE
BOE BEWJTF PO EFTJHO BOE EJSFD
tion, functioning, maintenance and repair of tel-
FDPNNVOJDBUJPO TZTUFNT BOE FRV
TUVEZ BOE BEWJTF PO UFDIOPMPHJDB
telecommunication engineering materials, prod-
JDTBNQSPDFTTFT PG FMFDUSPOJD
5BTLT JODMVEF o
B BEWJTJOH PO BOE EFTJHOJOH UFMF
UFMFDPNNVOJDBUJPOT FRVJQNFOU TZTU
NFOU BOE EJTUSJCVUJPO DFOUSFT
(b) specifying production or installation methods,
NBUFSJBMT BOE RVBMJUZ BOE TBGFU
and overseeing production or installation work
PG UFMFDPNNVOJDBUJPOT QSPEVDUT BO
(c) organizing and directing maintenance and
SFQBJS PG FYJTUJOH UFMFDPN
UFNT NPUPST BOE FRVJQNFOU
(d) planning and designing telecommunications net-
works based on wired, bre optical and wire-
MFTT DPNNVOJDBUJPO NFEJB
G EFTJHOJOH BOE EFWFMPQJOH TJHO
algorithms and implementing these through
BQQSPQSJBUF DIPJDF PG IBSEXBSF BOE
(g) designing telecommunications networks and
SFMBUFE TPGUXBSF BOE JNQMFNFOUJOH
technologist

Some related occupations classi ed elsewhere:
&MFDUSPOJDT FOHJOFFS o

Minor Group 216
Architects, Planners, Surveyors and Designers

"SDIJUFDUT QMBOOFST TVSWFZPST BOE
BOE JOUFSJPST QSPEVDUT GPS NBOVGBDUVSJOH
DBUJPO PG JOGPSNBUJPO 5IFZ DPOUSJCVUF

EFTJHO QSFQBSF BOE SFWJTF NBQT TB[BOEEEQWFMMPQFBTOGEPJSNDQMGFNSPN
the use of land.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFDFDFUFSBNJOUHGUIFPCEKFTJWDF
CZ DPOTVMUJOH XJUI DMJFOUT BOEEPTUDBFQUPMBEESQTMBGOPTNBNUBUB
NPOJ[F BFTUIFUJD DPOTJEFSBUJPOTMXPHUJDUBEMBOJEBQVSPGEVODUPPSBFR
NFOUT QSFQBSJOH TLFUDIFT EJBHSQBNBTJMNVBQTUSDBUBJSUCT TBNQMF
BOE NPEFMT UP DPNNVOJDBUF EFTJHO DEPODEMZQTUTOBQEPUPHFSBJQDGPS
TBUFMMJUF JNBHFSZ TVSWFZ EPDVPNFUUBTBCTEBEUBJTBJDNTBQTOE
UBLJOH SFTFBSDI BOE BOBMZTJOH GVODUJPOBMBMTBTGFBUZJBFWDJPNOFNS
BOE BFTUIFUJD SFRVJSFNFOUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSFVQE JOUP UIF GPM

2161 Building Architects
2162 Landscape Architects
2163 Product and Garment Designers
2164 Town and Traffic Planners
2165 Cartographers and Surveyors
2166 Graphic and Multimedia Designers

Unit Group 2161
Building Architects

Building architects design commercial, industrial, institutional, residential and recreational buildings and plan and monitor their construction, maintenance and rehabilitation.

5BTLT JODMVEF o

B EFWFMPQJOH OFX PS JNQSPWFE BSDIJUFDUVSBM UIFPSJFT BOE NFUIPET

(b) inspecting sites and consulting clients, management and other stakeholders to determine type, style and size of proposed buildings

BOE BMUFSBUJPOT UP FYJTUJOH QSPQFSUJFT

D QSPWJEJOH JOGPSNBUJPO NBUFSJBMT BOE FTUJNBUFT

(d) preparing project documentation, including sketches and scale drawings, and integrating structural, mechanical and aesthetic elements

JO mOBM EFTJHOT

(e) writing specifications and contract documents for use by builders and calling tenders

PO CFIBMG PG DMJFOUT

(f) making necessary contacts to ensure feasibility of projects regarding style, cost, timing

BOE DPNQMJBODF XJUI SFHVMBUJPOT

(g) identifying and finding best solutions for

QSPCMFNT SFHBSEJOH PG JOUFSJPS FOWJSPONFOU

making necessary designs, drawings and

QMBOT

(h) monitoring construction or rehabilitation work to ensure compliance with speci ca-

UJPOT BOE RVBMJUZ TUBOEBSET

(i) maintaining technical liaison and consul-

UBOUZ XJUI PUIFS SFMFWBOU

Examples of the occupations classi ed here:
Building architect
Interior architect

Some related occupations classi ed elsewhere:
-BOETDBQF BSDIJUFDU o
*OUFSJPS EFDPSBUPS o
*OUFSJPS EFTJHOFS o

Unit Group 2162
Landscape Architects

Landscape architects plan and design landscapes and open spaces for projects such as parks, for commercial, industrial and residential sites, and plan and monitor their construction, maintenance and rehabilitation.

5BTLT JODMVEF o

B EFWFMPQJOH OFX PS JNQSPWFE U
NFUIPET BOE QSPWJEJOH BEWJDF PO
MBUFE UP MBOETDBQF BSDIJUFDUVSF

(b) inspecting sites and consulting clients, management and other stakeholders to determine type, style and size of proposed buildings,

QBSLT SPBET BOE PUIFS PQFO TQB

(c) computing and analysing site and commu-

JUZ data about geographical and ecological

GFBUVSFT MBOEGPSNT TPJMT WFH

made structures, to formulate land use and

EFWFMPQNFOU SFDPNNFOEBUJPOT

(d) preparing reports, strategic plans, site plans, working drawings, speci cations and cost

FTUJNBUFT GPS MBOE EFWFMPQNFOU QSPKFDUT TVDI BT TVSWFZJOH MPDBUJPO QSF-
tion and details of proposals, including ground
NPEFMMJOH TUSVDUVSFT WFSJGZJOH DPOTUSBJOUT BOE BDDFTT
(e) writing specifications and contract docu-
NFOUT GPS VTF CZ CVJMEFST BOE DJWJM FOHJ-
neering contractors and calling tenders on
CFIBMG PG DMJFOUT
(f) making necessary contacts to ensure feasi-
bility of projects regarding style, cost, timing
BOE DPNQMJBODF XJUI SFHVMBUJPOT
(g) identifying and finding best solutions for
QSPCMFNT SFHBSEJOH GVODUJPO BOE RVBMJUZ PG
FYUFSJPS FOWJSPONFOUT BOE -BOETDBQF BSDIJUFDU o
EFTJHOT ESBXJOHT BOE QMBOT *OUFSJPS EFTJHOFS o
(h) monitoring construction or rehabilitation
work to ensure compliance with speci ca-
UJPOT BOE RVBMJUZ TUBOEBSET
(i) maintaining technical liaison and consul-
UBOUZ XJUI PUIFS SFMFWBOU TQFDJBMJTUT

Example of the occupations classi ed here:
Landscape architect

Some related occupations classi ed elsewhere:
#VJMEJOH BSDIJUFDU o
6SCBO QMBOOFS o

Unit Group 2163
Product and Garment Designers

Product and garment designers design and de-
WFMPQ QSPEVDUT GPS NBOVGBDUVSF BOE QSFQBSF
designs and speci cations of products for mass,
CBUDI BOE POF P QSPEVDUJPO
5BTLT JODMVEF o
B EFUFSNJOJOH UIF PCKEDUJWFT BOE DPOTUSBJOUT
of the design brief by consulting with clients
BOE TUBLFIPMEFST
(b) formulating design concepts for clothing,
UFYUJMFT JOEVTUSJBM DPNNFSDJBM BOE DPO-
TVNFS QSPEVDUT BOE KFXFMMFSZ
(c) harmonizing aesthetic considerations with
technical, functional, ecological and produc-
UJPO SFRVJSFNFOUT
(d) preparing sketches, diagrams, illustrations,
plans, samples and models to communicate
EFTJHO DPODFQUT
(e) negotiating design solutions with clients, man-
BHFNFOU BOE TBMFT BOE NBOVGBDUVSJOH TUB-
(f) selecting, specifying and recommending
functional and aesthetic materials, produc-
UJPO NFUIPET BOE mOJTIFT GPS NBOVGBDUVSF
(g) detailing and documenting the selected
EFTJHO GPS QSPEVDUJPO
(h) preparing and commissioning prototypes
BOE TBNQMFT

grammes and tooling, and of the manufac-
turing process

Examples of the occupations classi ed here:
Costume designer
Fashion designer
Industrial designer
Jewellery designer

Some related occupations classi ed elsewhere:
&OHJOFFSJOH o
#VJMEJOH BSDIJUFDU o
-BOETDBQF BSDIJUFDU o
*OUFSJPS EFTJHOFS o

Unit Group 2164
Town and Traffic Planners

5PXO BOE USB D QMBOOFST EFWFMPQ BOE
plans and policies for the controlled use of urban
BOE SVSBM MBOE BOE GPS USB D TZTU
EVDU SFTFBSDI BOE QSPWJEF BEWJD
FOWJSPONFOUBM BOE TPDJBM GBDUPST
VTF BOE USB D nPXT
5BTLT JODMVEF o
B QMBOOJOH MBZPVU BOE DPPSEJOB
NFOU PG VSCBO BSFBT
(b) compiling and analysing data on economic,
legal, political, cultural, demographic, socio-
MPHJDBM QIZTJDBM BOE FOWJSPONF
B FDUJOH MBOE VTF
D DPOGFSSJOH XJUI HPWFSONFOU
communities and specialists in elds such as
architecture, planning, social science, the en-
WJSPONFOU BOE UIF MBX
E EFWJTJOH BOE SFDPNNFOEJOH VTF
PQNFOU PG MBOE BOE QSFTFOUJOH O
graphic plans, programmes and designs to
HSPVQT BOE JOEJWJEVBMT
F BEWJTJOH HPWFSONFOUT DPNQB
munities on urban and regional planning
JTTVFT BOE QSPQPTBMT
G SFWJFXJOH BOE FWBMVBUJOH F
JNQBDU SFQPSUT
H QMBOOJOH BOE DPPSEJOBUJOH UIF EF
land areas for parks, schools, institutions, air-
ports, roadways and related projects, and for
DPNNFSDJBM JOEVTUSJBM BOE SFTJE
I QMBOOJOH BOE BEWJTJOH PO SPVUJOH
of road tra c and public transportation sys-
tems for e ciency and safety.

Examples of the occupations classi ed here:
Land planner
5SB D QMBOOFS
Urban planner

Some related occupations classi ed elsewhere:
#VJMEJOH BSDIJUFDU o
-BOETDBQF BSDIJUFDU o

Unit Group 2165
Cartographers and Surveyors

$BSUPHSBQIFST BOE TVSWFZPST NFBTVSFT UIF EJTUBODFT BOEQPTJUJPO PG PS QSFQBSF BOE SBFXJOFOEJOHVEBM HSBQIJD BOE QJDUPSJBM NBQT DIBSUTresentation of, natural and constructed features and boundaries of land, seas, underground areas and celestial bodies, applying scientific and mathematical principles.
5BTLT JODMVEF o
B TVSWFZJOH NFBTVSJOH BOE EFTDSJCJOH UIF DIBSBDUFSJTUJDT PG TVSGBDFT NJOFT VOEFSHSPVOE TVSGBDFT BOE TFB CFE TUSVDUVSFT BOE MBOE BSFBT
C PCUBJOJOH FYBDU QPTJUJPOT PG WFSUJDBM BOE IPSJ[POUBM SFGFSFODF QPJOUT BOE MJOFT
(c) making charts and maps to be used in determining property boundaries
(d) planning and conducting aerial photographic surveys
F EFTJHOJOH DPNQJMJOH BOE QSFQBSJOH NBQT DIBSUT BOE QMBOT VTJOH BFSJBM BOE PUIFS QIPUPHSBQIT
G VOEFSUBLJOH TFUUJOH PVU BOE NBJOUBJOJOH DBEBTUSBM TVSWFZJOH BOE RVBMJUZ DPOUSPM TZTUFNT
H TUVEZJOH BOE BEWJTJOH PO UFDIOJDBM BFTUIFUJD BOE FDPOPNJD BTQFDUT PG MBOE VTF
(h) maintaining technical liaison and consulting with other surveyors

Examples of the occupations classi ed here:
"FSJBM TVSWFZPS
$BEBTUSBM TVSWFZPS
Cartographer
)ZESPHSBQIJD TVSWFZPS
-BOE TVSWFZPS
.JOF TVSWFZPS
Photogrammetrist

Some related occupations classi ed elsewhere:
2VBOUJUZ TVSWFZPS o
#VJMEJOH TVSWFZPS o
.BSJOF TVSWFZPS o

Unit Group 2166
Graphic and Multimedia Designers

(SBQIJD BOE NVMUJNFEJB EFTJHOFST EFWFMPQ BOE BVEJPWJTVBM DPOUFOU GPS UIF DPNNVOJDBUJPO of information using print, lm, electronic, digital BOE PUIFS GPSNT PG WJTVBM BOE BVEJPWJTVBM DPOUFOU DSFBUF HSBQIJDT TQFDJBMJTF JO WJTVBM JNBHFT GPS VTF JO DPNQVUFS HBNFT BOE BEWFSUJTJOH NBUFSJBMT PS TFSWJDFT QSPWJEFE PO UIF JOUFSOFU PS PUIFS NVMUJNFEJB QMBUGPSNT
(a) developing the design brief for graphic and multimedia products and services in consultation with clients, and evaluating the design brief by consulting with clients
BOE TUBLFIPMEFST
(b) undertaking research and analysing communication requirements
(c) formulating design concepts for the subject
(d) preparing sketches, diagrams, illustrations and mock-ups to communicate design concepts
(e) producing two-dimensional and three-dimensional images depicting objects in motion or illustrating a process, using computer animation or modelling software
(g) developing design solutions with clients and other members of design teams
(h) selecting, specifying or recommending functional and aesthetic materials and media for production
(i) detailing and documenting the selected design solution
K TVQFSWJTJOH PS DBSSZJOH PVU QSPEVDUJPO UBTLT PG TFWFSBM DPNQPTJUPST JO UIF chosen media.

Examples of the occupations classi ed here:
"OJNBUPS
Commercial artist
Computer games designer
%JHJUBM BSUJTU
(SBQIJD EFTJHOFS
Illustrator
.VMUJNFEJB EFTJHOFS
Publication designer
Website designer

Some related occupations classi ed elsewhere:
*OUFSJPS BSDIJUFDU o
.VMUJNFEJB EFWFMPQFS o
8FC EFWFMPQFS o
7JTVBM BSUJTU o
*OUFSJPS EFTJHOFS o

Sub-ma~or Group 22

Health Professionals

)FBMUI QSPGFTTJPOBMT DPOEVDU SFQTUEBSDIIFPNSQFSTPWEEPSQEFFSWBFUMJPQO
NFUIPET BOE BQQMZ TDJFOUJmD ISOPXIMFEFHFUSTFUWSBZUJWOFHUSPJON
medicine, pharmacy, and promotion of health. Competent performance in most occupations
JO UIJT TVC NBKPS HSPVQ SFRVJSFMT TMLFJWMFMT BU UIF GPVSUI *4$0 TL

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTFVCDRNBKPS HSVQ TVDI BT
and obtaining scienti c knowledge through the study of human and animal disorders and ill-
OFTTFT BOE XBZT PG USFBUJOH UIDFUNJWEFEBVOJET JDOVSBUJOWPFS NEFQBQWMSZF
PS QSPNPUJOH IFBMUI QSFQBSJOHIFTDWJJFTQUPJmDGQBUIFSST XEPSEL
may be included.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSJFOPMSBHTEmQE JOUP UIF

221 Medical Doctors

222 Nursing and Midwifery Professionals

223 Traditional and Complementary Medicine Professionals

224 Paramedical Practitioners

225 Veterinarians

226 Other Health Professionals

Note

In using ISCO in applications that seek to identify, describe or measure the health workforce, it should be noted that a number of professions considered to be a part of the health workforce are classi ed in
HSPVQT PUIFS UIBO 4VC NBKPS (SPVQI PDHEBVQUBU1JSPPGTFTJTJOPMVMEF C4VD BSF O
SFTUSJDUFE UP BEEJDUJPOT DPVOTJEMMEPSQTQTCZJDPIPMEPHJDJETWTFGHEJEONFFSJTDBDM QIZTJDJ

Minor Group 221

Medical Doctors

.FEJDBM EPDUPST QIZTJDJBOT TUVEJZMNEOJBFHTOPTEFJTIUSTFBUJBDKEVSQZS
other physical and mental impairments in humans through the application of the principles
BOE QSPDFEVSFT PG NPEFSO NFEJDJOMVBUFFZ UQMBJONQTMVFQNFSDWJBTUFPBC
PG DBSF BOE USFBUNFOU QMBOT CZ PDUPHESEVEBJMNJFDJBSBMQSFEWJDEBFUS
BOE SFTFBSDI BDUJWJUJFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFOTDPPGEYQBUJDHEUQTIZBTQJEBJMOUFFYS
WJFXJOH UIFN BOE UIFJS GBNJMJTF TPSUEPFSEJFQUHFSENBHEPPTUUFJDSUIFF
BOE BOBMZTJOH mOEJOHT QSFTDSJCSJOBHUBNEEUBTEBJDEJTQUSFSWJFOHUDW
NFBTVSFT QFSGPSNJOH TVSHFSZ BUDFSJPQUHFQSBUDJMFJCOJTD BQMSPQSSFD
BOE SFTQPOTF UP USFBUNFOU BGEWTJUTZMDFH EPDIBFWBJMVSTOXIUJSJU
QSFWFOUJPO PS USFBUNFOU PG EJTOFBTNBOBCHEJOEHTDPFSNEQSMJDBHEEFPOT
CFGPSF EVSJOH BOE BGUFS DIJMEMCFJNSFUOIUJQOMBSCFOGJFSSBMWBQMEBHOJTO
QBUJFOUT JO OFFE PG TQFDJBMJ[FBMMPDHBSUFSTNFSPWSJPUFITSFUYZDQBFOH
NFEJDBM JOGPSNBUJPO XJUI PUIFS IFBMUIJUCVQSDHGBTOEJDEHBNQSTFUPCFTQTW
DBSF SFQPSUJOH CJSUIT EFBUINFBDOEBYOUPUPSmUBJCFMF DEPJCTEVBDTFJTC
SFTFBSDI JOUP IVNBO EJTPSEFST YSSDEUJWMMONFTUTPFETBOE QSFWFO

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSJEDJMHBSTFVQFE JOUP UIF GPM

2211 Generalist Medical Practitioners

2212 Specialist Medical Practitioners

Unit Group 2211

Generalist Medical Practitioners

(FOFSBMJTU NFEJDBM QSBDUJUJPOFST JODMVEF physicians (including family and primary care doctors) diagnose, treat and prevent physical and mental impairments and maintain general health in humans through application of the principles and procedures of modern medicine. They may specialize in one or more disease categories or methods of treatment, and may manage a medical practice or supervise other medical practitioners. They typically perform the following duties:

(a) consulting with patients to obtain information on their medical history and symptoms and conducting physical examinations to assess their general health and to diagnose illness and injury;
(b) ordering laboratory tests, X-rays and other diagnostic procedures and analysing findings to diagnose illness and injury;
(c) prescribing, administering, dispensing and monitoring medications and treatments to patients including prescribing, administering, dispensing and monitoring immunizations;
(d) performing surgery and other clinical procedures;
(e) advising patients on health, nutrition and lifestyle which may affect their health;
(f) referring patients to specialists for specialized care in hospitals, rehabilitation centres or other types of health care facilities;
(g) providing emergency medical treatment for accidents and injuries;
(h) recording patients medical information and maintaining records;
(i) reporting births, deaths and notifiable diseases to health authorities;
(j) conducting research in human health and related fields; and
(k) planning and participating in programmes designed to prevent the spread of common diseases.

Examples of the occupations classified here:

Family medical practitioner
Family physician
Medical officer, general practice
Physician (general)
Primary health care physician
Resident medical officer specializing in general practice

Some related occupations classified elsewhere:

Specialist medical practitioner
Specialist physician
Surgeon
Medical officer, specialist practice
Psychiatrist
Anaesthetist
Pathologist
Radiologist

Note

Graduates in medicine are required to undertake internship in medical education and are undertaking postgraduate clinical training in general medicine without any area of specialization. Such graduates should not be considered as medical specializations; these occupations should always be classified here.

Unit Group 2212

Specialist Medical Practitioners

Specialist medical practitioners (medical doctors) diagnose, treat and prevent physical and mental impairments in humans, using specialized testing and diagnostic, medical, surgical, physical and psychiatric techniques and procedures of modern medicine. They may specialize in one or more types of patient or methods of treatment and may conduct medical education and research in their chosen area of specialization. They typically perform the following duties:

(a) consulting with patients to obtain information on their medical history and symptoms and conducting physical examinations to assess their general health and to diagnose illness and injury;
(b) referring patient to another doctor or other health care professional;
(c) ordering specialized diagnostic tests to determine patient response to treatment;
(d) prescribing, administering and monitoring patient response to treatments, medications, anaesthetics, psychotherapies, physical rehabilitation programmes and other preventive and curative measures;
(e) performing surgery of a general or specialized nature;
(f) managing complications before, during and

(g) recording patients medical information and
FYDIBOHJOH JOGPSNBUJPO XIFO QSPGFTTJPOBMT UP FOTVSF UIF QSFIFOTJWF DBSF
(h) reporting births, deaths and noti able dis-
FBTFT UP HPWFSONFOU BVUIPSJUJFT BOE QSPGFTTJPOBM SFRVJSFNFOUT
J QSPWJEJOH JOGPSNBUJPO UP QBUJFOUT BOE GBN
JMJFT BOE DPNNVOJUJFT BCPVU QSFWFOUJWF NFBT
VSFT USFBUNFOU BOE DBSF
(j) performing autopsies to determine cause of
EFBUI
(k) conducting research into speci c human dis-
QSEFST BOE JMMOFTTFT BOE EHQSFSWBM
UJWF NFUIPET BOE EJTTFNJOBUJPO
TVDI BT UISPVHI TDJFOUJmD SFQPSUT
(l) planning and participating in programmes
EFTJHOFE UP QSFWFOU UIF $MJOJDBM
spread of speci c diseases.

Examples of the occupations classi ed here:
"OBFTUIFUJTU
Cardiologist
Emergency medicine specialist
(ZOBFDPMPHJTU
Obstetrician
Ophthalmologist
Paediatrician
Pathologist
1SFWFOUJWF NFEJDJOF TQFDJBMJTU
Psychiatrist
Radiation oncologist

Radiologist
Resident medical o cer specialising in
Specialist medical practitioner (public
health)
Specialist physician (internal medicine)
Specialist physician (nuclear medicine)
Surgeon
Some related occupations classi ed elsewhere:
#JPNFEJDBM SFTFBSDIFS o
(FOFSBM QSBDUJUJPOFS o
Resident medical o cer specializing in
0SBM BOE NBYJMMPGBDJBM TVSHFPO

Notes
0DDVQBUJPOT JODMVEFE JO UIJT VOJU HSPVQ
UJPO PG B VOJWFSTJUZ MFWFM EFHSFF JO C
cation plus postgraduate clinical training in a medical
TQFDJBMJ[BUJPO FYDFQU HFOFSBM QSB
Resident medical o cers and interns training as spe-
DJBMJTU QSBDUJUJPOFST FYDFQU HFOFSBM QS
IFSF "MUIPVHI JO TPNF DPVOUSJFT iTUPNBUPI
considered as a medical specialization, stomatologists
TIPVME CF JODMVEFE JO 6OJU (SPVQ %FOU
.FEJDBM SFTFBSDI QSPGFTTJPOBMT XIP Q
CJPNFEJDBM SFTFBSDI VTJOH MJWJO
not undertake clinical practice are classified in Unit
(SPVQ #JPMPHJTUT #PUBOJTUT ;PPMPHJTU
Professionals.

Minor Group 222
Nursing and Midwifery Professionals

/VSTJOH BOE NJEXJGFSZ QSPGFTTJPOBMT
are physically or mentally ill, disabled or in rm, and others in need of care due to potential
SJTLT UP IFBMUI JODMVEJOH CFGPSF
UIF QMBOOJOH NBOBHFNFOU BOE FWBMVBUJPO
of other health care workers, working autonomously or in teams with medical doctors and
PUIFST JO UIF QSBDUJDBM BQQMJDBUJPO

5BTLT QFSGPSNFE VTVBMMZ JODMVEF
and midwifery care for patients according to the practice and standards of modern nursing
BOE NJEXJGFSZ DPPSEJOBUJOH UIFOD
TJPOBMT BOE NFNCFST PG IFBMUI UFBN
BOE UIFSBQJFT JODMVEJOH
EJTDPNGPSU FYQFSJFODFE CZ
LJMMJOH ESVHT NPOJUPSJOH QBUJFOU
SFTQPOTFT UP DVSBUJWF
OJUJFT BCPVU B SBOHF PG
QSFHOBODZ BOE DIJMECJSUI
IFBMUI DBSF XPSLFSST
scienti c papers and reports.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQFE JOUP UIF GPM

2221 Nursing Professionals

2222 Midwifery Professionals

Note

5IF EJTUJODUJPOT CFUXFFO OVSTJOH BOE NJEXJGFSZ QSPGFTTJPOT BSF made on the basis of the nature of the work performed in relation to the tasks speci ed in this de nition
BOE JO UIF SFMFWBOU VOJU HSPVQ MEE nC ZJJUJOEJDWTJEMBMRTVBSMJmBUJPOT the country are not the main factor in making this distinction, as training arrangements for nurses and
NJEXJWFT WBSZ XJEFMZ CFUXFFO DPVOUSJFT BOE XJUIJO DPVOUSJFT

Unit Group 2221

Nursing Professionals

/VSTJOH QSPGFTTJPOBMT QSPWJEF OVstomer BSFBT TFSWJDFT GPS QFPQMF XIP BOE DBSF TFSWJDFT GPS QFPQMF XIP OVSTJOH DBSFEVF UP UIF F FDUTNurse practitioners illness or other physical or mental impairment, PS QPUFOUJBM SJTLT UP IFBMUI PS XFMMCFJOH BOE UIF sibility for the planning and management of the DBSF PG QBUJFOUT JODMVEJOH DPMMBCPSBUJOH XJUI other health care workers, working autonomously or in teams with medical doctors and others in UIF QSBDUJDBM BQQMJDBUJPO PG HFOFSBM BOE EXDVSSFOo UJWF NFBTVSFT

5BTLT JODMVEF o

(a) planning and delivering nursing care for patients according to the practice BOE TUBOEBSET PG NPEFSO OVSTJOH QSBDUJDF
(b) coordinating the care of patients in consultation with other health professionals and NFNCFST PG IFBMUI UFBNT
(c) assessing, planning, implementing and evaluating the biological, social and psychological treatment of patients in collaboration with other IFBMUI QSPGFTTJPOBMT
(e) administering medications, and monitoring responses to USFBUNFOU PS DBSF QMBO
(e) cleaning wounds and applying surgical dressings BOE CBOEBHFT
(g) planning and participating in health education programmes, health promotion and DPNNVOJUZ TFUUJOHT
(i) undertaking quality improvement activities in health services and participating in evaluation of QBUJFOUT BOE DMJFOUT
(j) conducting research on nursing practices and procedures and disseminating ndings such as through scienti c papers and reports.

Examples of the occupations classi ed here:

Clinical nurse consultant
Nurse anaesthetist
Nurse educator
Nurse practitioner
Operating theatre nurse
Public health nurse
Specialist nurse

Some related occupations classi ed elsewhere:

Notes

5IF EJTUJODUJPO CFUXFFO QSPGFTTJPOBM professional nurses should be made on the basis of the nature of the work performed in relation to the tasks
JOEJWJEVBMT PS UIBU QSFEPNJOBUF JO U the main factor in making this distinction, as training
Nurses who combine nursing education or research with clinical nursing practice are classified in Unit
(SPVQ /VSTJOH 1SPGFTTJPOBMT /VSTJOH S
ganisms and do not undertake clinical nursing practice
Zoologists and Related Professionals.

Unit Group 2222

Midwifery Professionals

women and newborn children, working autonomously or in teams with other health care pro-

5BTLT JODMVEF o

B Q MBOOJOH Q SPWJEJOH BEWJDF BOE TVQQPSU TFSWJDFT GPS XPNFO EVSJOH BOE BGUFS QSFHOBODZ BOE DIJMECJSUI before, during and after pregnancy and childbirth according to the practice and standards PG NPEFSO NJEXJGFSZ DBSF

C Q SPWJEJOH BEWJDF UP XPNFO BOE GBNJMJFT IFBMUI OVUSJUJPO IZHJFOF FYFSDJTF FNFSHFODZ QMBOT CSFBTUGFFEJOH GBNJMZ QMBOOJOH BOE DPOUSBDFQUJPO MJGFTUZMF BOE PUIFS UPQJDT SFMBUFE UP QSFHOBODZ BOE DIJMECJSUI and conducting community education on emergency plans, breastfeeding, infant care, family planning and contraception, lifestyle and other topics related to pregnancy and childbirth

(c) assessing progress during pregnancy and childbirth, managing complications and referring women and their babies to a medical doctor with specialized skills in PCTUFUSJDT

(d) monitoring the health status of newborns, managing complications and recognizing XBSOJOH TJHOT SFRVJSJOH SFGFSSBM UP B NFEJDBM EPDUPS XJUI TQFDJBMJ[FE USBJOJOH PS FYQFSJFODF F NPOJUPSJOH QBJO BOE EJTDPNGPSU FYQFSJFODF CZ XPNFO EVSJOH MBCPVS BOE EFMJWFSZ BOE BMMFWJBUJOH QBJO VTJOH B WBSJFUZ PG UIFSBQJFT JODMVEJOH UIF VTF PG QBJOLJMMJOH FSVHT G SFQPSUJOH CJSUIT UP HPWFSONFOU BVUIPSJUJFT UP NFFU MFHBM BOE QSPGFTTJPOBM SFRVJSFNFOUT

(g) conducting research on midwifery practices and procedures and disseminating ndings

(h) planning and conducting midwifery education settings.

Example of the occupations classi ed here:
Professional midwife

Some related occupations classi ed elsewhere:
1SPGFTTJPOBM OVSTF o
"TTPDJBUF QSPGFTTJPOBM OVSTF o
"TTPDJBUF QSPGFTTJPOBM NJEXJG
/VSTJOH BJEF DMJOJD PS IPTQJUB

Notes

5IF EJTUJOEUJPOT CFUXFFO PVSTJOH BOE N sionals and associate professionals should be made on the basis of the nature of the work performed in rela- UJPO BT VTJOH BSSBOHFNFOUT GPS O WBSZ XJEFMZ CFUXFFO DPVOUSJFT BOE IBWF W within countries.

search with clinical midwifery practice are classi ed in 6OJU (SPVQ 1SPGFTTJPOBMT

Minor Group 223

Traditional and Complementary Medicine Professionals

5SBEJUJPOBM BOE DPNQMFNFOUBSZ NFEJDJOF QSBDUJUJPOFST JO UIJT EFmOJU OFTT EJTFBTF JOKVSZ BOE PUIFS QIZTJDBM NBMGVODUJPO JO IVNBOT CZ BQQMZJOH LOPXMFEHF UIFPSJFT CFMJFGT BOE FYQFSJFODF UIF UIFPSJFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF PCUBJOJOH QBUJFOUT IJTUPSZ BOE XJFXJOH UIFN BOE UIFJS GBNJMJFT UP EFUFSNJOF UIFJS JNNFEJBUF DBSF OFFET treatment plans for physical, mental and psychosocial ailments using applications such as BDVQVODUVSF BZVSWFEJD IPNFPQBUIJD SFGMFYPMPHZ BOE NBTTBHF UIFSBQZ UJFOUT QSPHSFTT UISPVHI USFBUNFOU QMBOT BOE NPOJUPSJOH JOEJWJEVBMT GBNJMJFT BOE DPNNVOJUJFT UP FOTVSF BT IFSCBM QMBOU NJOFSBM BOE BOPNBMT EPFT OPU DBVTF IBSN UP UIFN BOE UIFJS GBNJMJFT FYDIBOHJOH JOGPSNBUJPO BCPVU SJTL GBDUPST GPS EPOUJOVJOH BOE DPNQSFIFOTJWF OUFSWFOUJPOT BOE DPNQMFNFOUBSZ BOE BMUFSOBUJWF NFEJDJOFT TVDI BT UISPVHI TDJFOUJD papers and reports.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ

2230 Traditional and Complementary Medicine Professionals

Unit Group 2230

Traditional and Complementary Medicine Professionals

5SBEJUJPOBM BOE DPNQMFNFOUBSZ NFEJDJOF QSP GFTTJPOBMT FYBNJOF QBUJFOUT QSFWFOU BOE USFBU illness, disease, injury and other physical and mental impairments and maintain general health in humans by applying knowledge, skills and QSBDUJDFT BDRVJSFE UISPVHI FYUFOTJWF UIF UIFPSJFT CFMJFGT BOE FYQFSJFODFT in speci c cultures.

5BTLT JODMVEF o

B DPOEVDUJOH QIZTJDBM FYBNJOBUJPOT BOE JOUFSWJFXJOH UIFN BOE UIFJS IFBMUI TUBUVT

C EFWFMPQJOH BOE JNQMFNFOUJOH QMBOT for physical, mental and psychosocial ailments using applications such as acupuncture, ayurWFEJD IPNFPQBUIJD BOE IFSCBM UIFSBQJFT

D FWBMVBUJOH BOE EPDVNFOUJOH QBUJFOUT QSP HSFTT UISPVHI USFBUNFOU QMBOT

E QSPWJEJOH IFBMUI OVUSJUJPO BOE MJGFTUZMF BEWJDF UP JOEJWJEVBMT GBNJMJFT BOE DPNNVOJUJFT

(e) prescribing and preparing traditional medicines, such as herbal, plant, mineral and BOJNBM FYUSBDUT UP TUJNVMBUF UIF CPEZT DBQ BDJUZ GPS TFMG IFBMJOH

G FYDIBOHJOH JOGPSNBUJPO BOE DPNQSFIFOTJWF IFBMUI DBSF other health care workers as needed to ensure DPOUJOVJOH BOE DPNQSFIFOTJWF

(g) conducting research into traditional and complementary medicines and treatments and disseminating ndings such as through scienti c papers and reports.

Examples of the occupations classi ed here:

"DVQVODUVSJTU

"ZVSWFEJD QSBDUJUJPOFS

Chinese herbal medicine practitioner

Homeopath

Naturopath

Traditional practitioner

Some related occupations classi ed elsewhere:

$IJSPQSBDUPS o

0TUFPQBUI o

FDVDBUJPOBM QSPGFTTJPOBM o

)FSCBMJTU o

)PNFPQBUIZ UFDIOJDJBO o

4IJBUTV UIFSBQJTU o

Note

Occupations in traditional and complementary medicine GPS XIJDI DPNQFUFODF SFRVJSFT understanding of the bene ts and applications of trad-JUJPOBM BOE DPNQMFNFOUBSZ UIFSBQJFT EF SFTVMU PG FYUFOEFE GPSNBM TUVEZ PG UIFT well as human anatomy and elements of modern medi-DJOF BSF DMBTTJmFE JO 6OJU (SPVQ 5SB QBUJPOT XIPTF QSBDUJDF SFRVJSFT B MFTT F informal education and training, or informally through the traditions and practices of the communities where UIFZ PSJHJOBUFE BSF JODMVEFE JO 6OJU (SPV JUJPOBM BOE $PNQMFNFOUBSZ .FEJDJOF "TTPD sionals. Practitioners working in the singular application of approaches to herbal medicines, spiritual therapies or NBOVBM UIFSBQFVUJD UFDIOJRVFT BSF FYDM (SPVQ

Minor Group 224

Paramedical Practitioners

1BSBNFEJDBM QSBDUJUJPOFST QSPWJEF EJBHOPTUJD BOE UIFSBQFVUJD TFSWJDFT NPSF MJNJUFE JO TDPQF BOE WOLVPLQ MFFYEJUZ BVUPOPNPVTMZ PS XJUI MJNJUFE TVQQMFNFOUBSZ JDBM QSPDFEVSFT GPS USFBUJOH BOE QSFWFOUJOH impairments common to speci c communities.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFO DPOEVDUJOH WJFXJOH UIFN BOE UIFJS GBNJMJFT BOE JOUFSWJFXJOH JDBM JOGPSNBUJPO QFSGPSNJOH CBTJD TDJFOUJmD QSPDFEVSFT NJDSPTDPQFT BOE BENJOJTUFSJOH USQFBUNFOU PVUDPNFT VSFT FTQFDJBMMZ GPS DPNNPO EJTFBTFT PS JOKVSJFT TVDI BT 9 SBZ FMFDUSPDBSEJPHSBNT BOE VMUSBTPVOET BT JOKFDUJPOT DTUVJPVS NEEBHFNFOU QSBDUJUJPOFST NFEJDBM EPDUPST XJUI DPNQMFY TVSHJDBM QSBDUJDFT

UP USFBUNFOU BOE JEFOUJGZJOH TJHOT BOE TZNQUPNT PG EJTFBTF BOE EJTPSEFST JEFOUJGZJOH QBUJFOUT BOE GBNJMJFT PG EJTFBTF BOE EJTPSEFST JEFOUJGZJOH QPTTJCMF DBVTFT PG JMMOFTT BOE EJTBCJMJUZ IPTQJUBMJ[JOH QBUJFOUT BOE NBOBHJOH IFS PS IJT DBSF PVUTJEF IPNF BOE DPNNVOJUZ TFUUJOHT BOE DPPSEJOBUJOH DBSF XJUI PUIFS IFBMUI QSPGFTTJPOBMT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF DMBTTJmFE JOUP UIF GPM

2240 Paramedical Practitioners

Unit Group 2240

Paramedical Practitioners

1BSBNFEJDBM QSBDUJUJPOFST BQQMZ XJEF CBTJD PS NPSF SPVUJOF NFEJDBM BOE EJBHOPTUJD DVSBUJWF BOE EJTQFOTBUPSZ JOUFSWFOUJPOT UP BTTFTT BOE NPOJUPS UIF IFBMUI TUBUVT PG DMJFOUT BOE QBUJFOUT XIP TVGGFS GSPN JMMOFTT JOKVSZ PS EJTBCJMJUZ BOE QSPWJEF UIFN XJUI UIFSBQFVUJD UFDIOJRVFT BOE QSPDFEVSFT GPS USFBUJOH IFBMUI QSPCMFNT BOE JOKVSJFT BOE PUIFS QIZTJDBM PS NFOUBM JNQBJSNFOUT DPNNPO UP TQFDJmD DPNNVOJUJFT

5BTLT JODMVEF o

B DPOEVDUJOH QIZTJDBM FYBNJOBUJPOT PG QBUJFOUT BOE JOUFSWJFXJOH UIFN BOE 'UEIWBSS DBSBNFEJDBM QBUJFOUT NFEJDBM JOGPSNBUJDT QBUJFOUT NFEJDBM JOGPSNBUJDT

(b) QFSGPSNJOH CBTJD PS NPSF SPVUJOF NFEJDBM BOE TVSHJDBM QSPDFEVSFT JODMVEJOH QSFTDSJCJOH BOE BENJOJTUFSJOH USFBUNFOUT NFEJDBUJPOT BOE QSPDFEVSFT GPS USFBUJOH IFBMUI QSPCMFNT BOE JOKVSJFT BOE PUIFS QIZTJDBM PS NFOUBM JNQBJS-NFOUT DPNNPO UP TQFDJmD DPNNVOJUJFT

(c) BENJOJTUFSJOH PS PSEFSJOH EJBHOPTUJD UFTUT TVDI BT 9SBZ FMFDUSPDBSEJPHSBN BOE MBCP-SBUPSZ UFTUT

(d) QFSGPSNJOH UIFSBQFVUJD QSPDFEVSFT TVDI BT JOKFDUJPOT JNNVOJ[BUJPOT BOE TVUVSJOH BOE XPVOE DBSF BOE JOGFDUJPVT EJTFBTF DPOUSPM BDUJWJUJFT

F BTTJTUJOH NFEJDBM-EPDUPST XJUI DPNQMFY TVS HJDBM QSPDFEVSFT

(f) monitoring patients progress and response to treatment, and identifying signs and symp- UPNT SFRVJSJOH SFGFSSBM UP NFEJDBM TQFDJBMJTUT PS PUIFS IFBMUI QSPGFTTJPOBMT

Examples of the occupations classified here:

Clinical o cer (paramedical)
Field medic
Primary care paramedic
Surgical technician

Some related occupations classified elsewhere:

(FOFSBM QSBDUJUJPOFS o
4VSHFPO o
.FEJDBM BTTJTUBOU o
&NFSHFODZ QBSBNFEJD o

Note

0DDVQBUJPOT JODMVEFE JO UIJT VOJU HSPVQ DPNQMFUJPO PG UFSUJBSZ MFWFM USBJOJOH JO QBSBNFEJDBM TFSWJDFT 8PSLFST QSBDUJTJOH JO UIJT VOJU HSPVQ NBZ CF SFRVJSFE UP CF SFHJTUFSFE PS MJDFOTFE BT QBSBNFEJDT PS JO TPNF DPVOUSJFT JU NBZ CF MJNJUFE UP QBSBNFEJDT XJUI DPNQMFUJPO PG TQFDJBMJTU USBJOJOH BOE BEEJUJPOBM FYQFSJFODF JO 6OJU (SPVQ "NCVMBODF

Minor Group 225

Veterinarians

7FUFSJOBSJBOT EJBHOPTF QSFWFOU BOE USFBU EJTFBTFT BOE JOKVSJFT PG BOJNBMT BOE QBSUJDJQBUF JO QVCMJD IFBMUI QSPHSBNNFT PS JO B QBSUJDVMBS BSFB PG TQFDJBMJTBUJPO TVDI BT QVCMJD IFBMUI PS JO B QBSUJDVMBS BSFB PG TQFDJBMJTBUJPO TVDI BT QVCMJD IFBMUI PS JO B QBSUJDVMBS BSFB PG TQFDJBMJTBUJPO TVDI BT QVCMJD IFBMUI rms producing biological and pharmaceutical products.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF FBUJOH JOKVSFE BOJNBMT BOE DPNQMJDBUJPOT BSJTJOH EVSJOH UIFJS USFBUNFOU PS DPOTVMUBUJPO JOTQFDUJOH BOE NBLJOH EJBHOPTFT PG BOJNBM EJTFBTFT BOE DPOEJUJPOT QBSUJDJQBUJOH JO QSPHSBNNFT EFTJHOFE UP QSFWFOU BOE DPOUSPM BOJNBM EJTFBTFT JOPDVMBUJOH BOJNBMT BHBJOTU FBDI PUIFS BOE UP QSPUFDU IVNBOT GSPN BOJNBM EJTFBTFT

PG PVUCSFBLT PG JOGFDUJPVT BOJNBM EJTFBTFT JOGFDUJPVT BOJNBM EJTFBTFT BOE BEWJTJOH DMJFOUT PO IFBMUI OVUSJUJPO BOE EJFUFUJDT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSFE JOUP UIF GPM

2250 Veterinarians

Unit Group 2250

Veterinarians

7FUFSJOBSJBOT EJBHOPTF QSFWFOU BOE USFBU EJTFBTFT BOE JOKVSJFT BOE EFBE BOJNBMT 5IFZ NBZ QSPWJEF DBSF UP B XJEF SBOHF PG BOJNBMT BOE QFSGPSN BVUPQTJFT TP BT UP EFUFSNJOF DBVTF PG EFBUI

(a) determining the presence and nature of abnormal conditions in animals and animal products by laboratory testing and through diagnostic imaging and clinical examination;

(b) treating animals medically and surgically, and administering and prescribing drugs, anaesthetics and other therapeutic substances;

(c) performing surgery, dressing wounds and setting broken bones;

(d) vaccinating animals against, and testing for, infectious diseases and notifying authorities;

(e) participating in programmes designed to prevent and control zoonoses and other diseases and conditions affecting animals;

(f) isolating animals suspected of having, and reporting to authorities on, infectious diseases;

(g) performing autopsies to determine cause of death;

(h) advising on the feeding, hygiene, breeding and care of animals;

(i) providing veterinary services for animal exhibitions.

Examples of the occupations classified here:

Veterinarian
Veterinary epidemiologist
Veterinary intern
Veterinary surgeon

Minor Group 226

Other Health Professionals

0UIFS IFBMUI QSPGFTTJPOBMT QSPWJEF UFSUJBSZ BOE TQFDJBMJTU TFSWJDFT JO EJBHOPTJT USFBUNFOU BOE QSFWFOUJPO PG EJTFBTF BOE JOKVSZ JO UIF GJFMET PG NFEJDJOF EFOUJTUSZ PQUPNFUSZ OVSTJOH NJEXJGFSZ PDDVQBUJPOBM IFBMUI BOE TBGFUZ QIZTJPUIFSBQZ OVUSJUJPO IFBSJOH BOE TQFFDI XJUIPVU QSPWJEJOH EFGJOJUJWF USFBUNFOU

5BTLT QFSGPSNFE NBZ JODMVEF BTTFTTJOH QBUJFOUT GPS EJBHOPTUJD PS UIFSBQFVUJD QVSQPTFT QSFTDSJCJOH BOE QSPWJEJOH USFBUNFOU BOE DPVOTFMMJOH PO IFBMUI QSPNPUJOH BDUJWJUJFT BOE QSFWFOUJPO PG EJTFBTF BOE JOKVSZ JOWFTUJHBUJOH BDDJEFOUT BOE FNFSHFODJFT BOE QSPWJEJOH FNFSHFODZ USFBUNFOU BOE DBSF PG UIF UFFUI NPVUI KBXT BOE BEKPJOJOH UJTTVFT BOE EFTUSVDUJPO PG EFOUBM QVMQ BOE DBSJFT BOE QSPWJEJOH QSPTUIFUJD DBSF BOE SFIBCJMJUBUJPO TFSWJDFT UP QFSTPOT XJUI EFGFDUT PG UIF NPVUI KBXT BOE GBDJBM TUSVDUVSFT BOE QBSBNFEJDBM QSPGFTTJPOBMT

5BTLT QFSGPSNFE NBZ JODMVEF BTTFTTJOH BOE USFBUJOH QBUJFOUT XJUI EJTPSEFST PG UIF NPVUI BOE UIFJS QSFWFOUJPO BOE JOUFSDFQUJPO BOE QSPWJEJOH DPVOTFMMJOH PO TFYVBM IFBMUI BOE SFQSPEVDUJWF IFBMUI QSPWJEJOH QBUJFOU FEVDBUJPO BOE USBJOJOH PG IFBMUI QSPGFTTJPOBMT BOE TUVEFOUT QMBOOJOH BOE JNQMFNFOUJOH QSPIJCJUJPO BOE DPOUSPM QSPHSBNNFT BOE QSPWJEJOH BEWJDF BOE JOGPSNBUJPO PO IFBMUI QSPCMFNT BOE SFMBUFE UPQJDT 5IJT VOJU HSPVQ BMTP DPWFST QSPWJEJOH IFBMUI BOE TBGFUZ JOGPSNBUJPO BOE DPOTVMUBUJPO TFSWJDFT UP JOEJWJEVBMT BOE PSHBOJ[BUJPOT PO IVNBO IFBMUI EJBHOPTUJD UFDIOJRVFT BOE IFBMUI QSPNPUJPO TUSBUFHJFT 5IF HSPVQ BMTP DPWFST QSPWJEJOH IFBMUI BOE TBGFUZ DPOTVMUBUJPO TFSWJDFT UP PSHBOJ[BUJPOT PS TXBMMPX DPNNVOJDBUJPO PS TXBMMPX DPNNVOJUZ BOE DPOTVNFS HSPVQT BCPVU DPOUJOVFE USFBUNFOU BOE DBSF PG UIF UFFUI BOE JOKVSJFT BOE EJTFBTFT PG UIF NPVUI BOE GBDJBM TUSVDUVSFT BOE QBSBNFEJDBM QSPGFTTJPOBMT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSFE JOUP UIF GPM

2261 Dentists

2262 Pharmacists

2263 Environmental and Occupational Health and Hygiene Professionals

2264 Physiotherapists

2265 Dieticians and Nutritionists

2266 Audiologists and Speech Therapists
2267 Optometrists and Ophthalmic Opticians
2269 Health Professionals Not Elsewhere Classified

Unit Group 2261
Dentists

%FOUJTUT EJBHOPTF USFBU BOE QSFWFOU EJTFBTFT injuries and abnormalities of the teeth, mouth, jaws and associated tissues by applying the principles and practices of dentistry; they use a broad range of specialized diagnostic, surgical and therapeutic procedures to restore oral health.

5BTLT JODMVEF o
(a) diagnosing diseases, injuries, irregularities and malformations of teeth and associated structures in the mouth and jaw using a range of methods such as radiographs, salivary tests and neurological tests
(c) administering anaesthetics to limit the pain of patients undergoing dental procedures
(d) prescribing medication for relief of ongoing pain and infections
(f) providing preventive dental procedures such as scaling and polishing teeth, applying fluorides and sealants, and providing oral hygiene instruction
(g) measuring and taking impressions of patients jaws and teeth in order to determine their shape and size
(h) designing, making and tting prosthodontic appliances such as space maintainers, bridges and dentures, or writing fabrication instructions or prescriptions for dental prosthetic technicians
(j) assisting in diagnosing general diseases
(k) educating patients and families on dental hygiene, nutrition and other measures to take to prevent dental problems

Examples of the occupations classi ed here:
%FOUBM QSBDUJUJPOFS
%FOUBM TVSHFPO
%FOUJTU
Endodontist
0SBM BOE NBYJMMPGBDJBM TVSHFPO
Oral Pathologist
Orthodontist
Paedodontist
Periodontist
Prosthodontist
Stomatologist

Note
0DDVQBUJPOT JODMVEFE JO UIJT DBUFHPSZ PS DPNQMFUJPO PG VOJWFSTJUZ MFWFM USBJOJOH QSBDUJDBM EFOUJTUSZ PS B SFMBUFE mFME PS TVCTQFDJBMJUZ iTUPNBUPMPHZw BOE iEFOUBM PSBM GBDJBM TVSHFSZw NBZ CF D-POTJEFSFE BT zations, occupations in these fields should always be classi ed here.

Unit Group 2262
Pharmacists

1IBSNBDJTUT TUPSF QSFTFSWF DPNQPVOE BOE dispense medicinal products and counsel on their use. They contribute to researching, testing, preparing, prescribing and monitoring medicinal therapies for optimizing human health.

5BTLT JODMVEF o
B SFDFJWJOH QSFTDSJQUJPOT GPS QSPEVDUT from medical doctors and other health professionals, checking patients medicine histories, and ensuring proper dosage and methods of administration and drug compatibility
C QSFQBSJOH PS TVQFSWJTJOH UIF NJYJOH BOE dispensing of powders, tablets and other medications to fill prescriptions
(d) collaborating with other health care professionals to optimize the quality and effectiveness of patient therapy, and providing information and advice to prescribers and clients regarding drug interactions, incompatibility and contraindications, side effects and proper administration and storage

(e) maintaining prescription les and recording the issue of narcotics, poisons and habit-forming drugs in accordance with legal and QSPGFTTJPOBM SFRVJSFNFOUT

G TUPSJOH BOE QSFTFSWJOH WBDDJOFT BOE PUIFS ESVHT TVCKFDU UP EFUFSJPSBUJPO

H BEWJTJOH DMJFOUT PO EPTBHF BOE TDIFEVMJOH PG scription medicines and diagnostic and ther-BQFVUJD BJET GPS DPNNPO DUPIER-JOWFSTONFOU BOE XPSLQMBDF BO

I TVQFSWJTJOH BOE DPPSEJOBUJOH UIF XPSL pharmacy technicians, pharmacy interns BOE QIBSNBDZ TBMFT BTTJTUBOUT

J DPOEVDUJOH SFTFBSDI UP EFWFMPQ pharmaceuticals, cosmetics and related DIFNJDBM QSPEVDUT

(j) conferring with chemists, engineering profes-sionals and other professionals about manu-GBDUVSJOH UFDIOJRVFT BOE TUSBUFHJFT

(k) testing and analysing drugs to determine their identity, purity and strength in relation UP TQFDJmFE TUBOEBSET

M FWBMVBUJOH MBCFMT QBDLBHJOH BOE BEWFSUJTJOH PG ESVHT QSPEVDUT

N EFWFMPQJOH JOGPSNBUJPO TZTUFNT BOE QSPDFTTFT ticular drugs.

Examples of the occupations classi ed here:

%JTQFOTJOH DIFNJTU
Hospital pharmacist
Industrial pharmacist
Retail pharmacist

Some related occupations classi ed elsewhere:

1IBSNBDPMPHJTU o
1IBSNBDFVUJDBM UFDIOJDJBO o

Unit Group 2263

Environmental and Occupational Health and Hygiene Professionals

&OWJSPONFOUBM BOE PDDVQBUJPOBM IZHJFOJTUT giene professionals assess, plan and implement programmes to recognize, monitor and con-USPM FOWJSPONFOUBM GBDUPST B FDU IVNBO IFBMUI UP FOTVSF XPSLJOH DPOEJUJPOT BOE UP QSFWFOU injury caused by chemical, physical, radiological and biological agents or ergonomic factors.

5BTLT JODMVEF o

B EFWFMPQJOH JNQMFNFOUJOH QSPHSBNNFT grammes and policies to minimize potential FOWJSPONFOUBM BOE PDDVQBUJPOBM SJTLT UP IFBMUI BOE TBGFUZ

(b) preparing and implementing plans and strat-egies for the safe, economic and suitable dis-posal of commercial, industrial, medical and IPVTFIPME XBTUFT

D JNQMFNFOUJOH QSFWFOUJPO QSPH strategies for communicable diseases, food safety, wastewater treatment and disposal systems, recreation and domestic water WBDDJOFT TBGFUZ BOE EPNFTUJD XBUFS

(c) identifying, reporting and documenting haz-ards, and assessing and controlling risks in UIFTF FOWJSPONFOUT

(f) developing, implementing and monitoring programmes to minimize workplace FOWJSPONFOUBM QPMMVUJPO

G BEWJTJOH PO NFUIPET UP QSFWFO DPOUSPM PS SFEVDF UIF FYQPTVSF

JOWFSTFOUJTFOUT QVCMJD BOE UIF FOWJ SBEJPMPHJDBM BOE PUIFS IB[BSET

(g) promoting ergonomic principles within the workplace such as matching furniture, QBDLBHJOH BOE BEWFSUJTJOH

PG FNQMPZFFT

BOE BEWJDF UP QFSTPOT BU BMM MFW PG PDDVQBUJPOBM IZHJFOF BOE FOW IFBMUI

J SFDPSEJOH BOE JOWFTUJHI FRVJQNFOU EBNBHF BOE SFQPSUJOH GPSNBODF

(j) coordinating arrangements for the compen-sation, rehabilitation and return to work of injured workers.

Examples of the occupations classi ed here:

&OWJSPONFOUBM IFBMUI P DFS
0DDVQBUJPOBM IFBMUI BOE TBGFUZ
Occupational hygienist
3BEJBUJPO QSPUFDUJPO FYQFSU

Some related occupations classi ed elsewhere:

&OWJSPONFOUBM QSPUFDUJPO QSPG

Specialist medical practitioner (public

QFSTPOBM DBO QPUFOUJBMMZ 4QFDJBMJTU JOEVTUSZ QVCMJD IFBMU)FBMUI JOTQFDUPS o
Occupational health and safety inspector o
4BOJUBSZ JOTQFDUPS o

Note

Professionals who assess, plan and implement programmes to monitor or control the impact of human ac-UJWJUJFT PO UIF FOWJSPONFOU BSF DMBTTJmF

&OWJSPONFOUBM 1SPUFDUJPO 1SPGFTTJPO

Unit Group 2264

Physiotherapists

Physiotherapists assess, plan and implement re-
IBCJMJUBUJWF QSPHSBNNFT UIBU JNQSPWF PS SFTUPSF
IVNBO NPUPS GVODUJPOT NBYJNJTF NPWFNFOU
BCJMJUZ SFMJFWF QBJO TZNQUPNT BOE USFBU PS QSF
WFOU QIZTJDBM DIBMMFOHFT BTTPDJBUFE XJUI JOKVSJFT
EJTFBTFT BOE PUIFS JNQBJSNFOUT 5IFZ BOOMZ B
CSPBE SBOHF PG QIZTJDBM UIFSBQJFT BOE UFDIOJRVFT
TVDI BT NPWFNFOU VMUSBTPVOE JFBUJOH MBTFS BOE
PUIFS UFDIOJRVFT

5BTLT JODMVEF o

B BENJOJTUFSJOH NVTDMF OFSWF KPJOU GVODUJPOBM
ability and other tests to identify and assess
QIZTJDBM QSPCMFNT PG QBUJFOUT

(b) establishing treatment goals with patients and designing treatment programmes to reduce physical pain, strengthen muscles, JNQSPWF DBSEJPUIPSBDJD DBSEJPWBTDVMBS BOE
respiratory functions, restore joint mobility
BOE JNQSPWF CBMBODF BOE DPPSEJOBUJPO

D EFWFMPQJOH JNQMFNFOUJOH BOE NPOJUPSJOH
programmes and treatments using the ther-
BQFVUJD QSPQFSUJFT PG FYFSDJTF IFBU DPME
massage, manipulation, hydrotherapy, elec-
USPUIFSBQZ VMUSBWJPMFU BOE JOGSBSFE WIIU BOE
VMUSBTPVOE JO UIF USFBUNFOU PG QBUJFOUT

(d) instructing patients and their families in procedures to be continued outside clinical set-
UJOHT

(e) recording information on patients health status and responses to treatment in medical record-keeping systems, and sharing information with other health professionals as
SFRVJSFE UP FOTVSF -DPOUJOVJOH BOE DPNQSF
IFOTJWF DBSF

G EFWFMPQJOH BOE JNQMFNFOUJOH QSPHSBNNFT
GPS TDSFFOJOH BOE QSFWFOUJPO PG DPNNPO
QIZTJDBM BJMNFOUT BOE EJTPSEFST

H TVQFSWJTJOH UIF XPSL PG QIZTJDBM BTTJT
tants and others.

Examples of the occupations classi ed here:
(FSJBUSJD QIZTJDBM UIFSBQJTU
.BOJQVMBUJWF UIFSBQJTU
Orthopaedic physical therapist
Paediatric physical therapist
Physical therapist
Physiotherapist

Some related occupations classi ed elsewhere:
$IJSPQSBDUPS o
0DDVQBUJPOBM UIFSBQJTU o
0TUFPQBUI o
1PEJBUSJTU o
"DVQSFTTVSF UIFSBQJTU o
)ZESPUIFSBQJTU o
.BTTBHF UIFSBQJTU o
1IZTJPUIFSBQZ UFDIOJDJBO o
4IJBUTV UIFSBQJTU o

Unit Group 2265

Dieticians and Nutritionists

%JFUJDJBOT BOE OVUSJUJPOJTUT BTT
plement programmes to enhance the impact of food and nutrition on human health.

5BTLT JODMVEF o

B JOTUSVDUJOH JOEJWJEVBMT
munities on nutrition, the planning of diets
BOE QSFQBSBUJPO PG GPPE UP NBYJN
CFOFmUT BOE SFEVDF QPUFOUJBM SJ

C QMBOOJOH EJFUT BOE NFOVT
QSFQBSBUJPO BOE TFSWJOH PG NFBM
UPSJOH GPPE JOUBLF BOE RVBN
OVUSJUJPOBM DBSF JO- TFUUJOHT P
WJDFT

(c) compiling and assessing data relating to
IFBMUI BOE OVUSJUJPOBM TUBUVT
groups and communities based on nutri-
UJPOBM WBMVFT PG GPPE TFSWFE P

(d) planning and conducting nutrition assess-
NFOUT JOUFSWFOUJPO -QSPHSBNNFT
DBUJPO BOE USBJOJOH UP JNQS
MFWFMT BNPOH JOEJWJEVBMT BOE D

(e) consulting with other health professionals
BOE DBSF QSPWJEFST UP NBOBHF UIF
OVUSJUJPOBM OFFET PG QBUJFOUT

G EFWFMPQJOH BOE FWBMVBUJOH GPPE
QSPEVDUT UP NFFU OVUSJUJPOBM S

(g) conducting research on nutrition and dis-seminating the ndings at scienti c conferences and in other settings.

Examples of the occupations classi ed here:
Clinical dietician
'PPE TFSWJDF EJFUJDJBO
Nutritionist
Public health nutritionist
Sports nutritionist

Unit Group 2266

Audiologists and Speech Therapists

"VEJPMPHJTUT BOE TQFFDI UIFS
manage and treat physical disorders affecting human hearing, speech, communication and
TXBMMPXJOH 5IFZ QSFTDSJCF DPSSFDU
SFIBCJMJUBUJWF UIFSBQJFT GPS IFBSJ
disorders and related sensory and neural prob-
MFNT BOE QSPWJEF DPVOTFMMJOH PO
and communication performance.

5BTLT JODMVEF o
B FWBMVBUJOH IFBSJOH -TQFFDI PS PUIFS IFBSJOH GVODUJPOT BOE EFUFSNJOJOH UIFJS FGGFDUT PO CFIBWJPVS BOE DPNNVOJDBUJPO
C BENJOJTUFSJOH IFBSJOH PS PUIFS FYBNJOBUJPOBM PS UFDIOJDBM UFTUT BOE QSPDFEVSFT
D JOUFSQSFUJOH UFTU SFTVMUT BOE DPNNVOJDBUJOH XJUI PUIFS QSPGFTTJPOBMT
E EFUFDUJOH BOE EJBHOPTJOH FZF EJTFBTF BOE EFGFDUT PG CFIBWJPVS BOE DPNNVOJDBUJPO GVODUJPO
F EFUFDUJOH BOE EJBHOPTJOH FZF EJTFBTF BOE EFGFDUT PG CFIBWJPVS BOE DPNNVOJDBUJPO GVODUJPO, including screening patients in order to determine the nature and extent of their hearing loss
G BEWJTJOH PO WJTVBM IFBMUI NBUUFST BOE PUIFS WJTJPO BJET
H BEWJTJOH PO WJTVBM IFBMUI NBUUFST DBSF WJTJPO DBSF PQUJDT WJTVBM FSHPOPNJDT BOE JOEVTUSJBM FZF TBGFUZ
(c) planning, directing and participating in counselling, screening, speech rehabilitation and other programmes related to hearing
(d) administering therapeutic care and treatment to patients, including through application of manual and physical chiropractic and
(e) planning and conducting treatment programmes to manage physical disorders af-
(g) referring patients and families to additional

Examples of the occupations classi ed here:
Ophthalmic optician
Optometrist
Orthoptist

Unit Group 2264
Physiotherapists

Examples of the occupations classi ed here:
Physiotherapist

Unit Group 2265
Dietitians and Nutritionists

Examples of the occupations classi ed here:
Dietitian
Nutritionist

Unit Group 2266
Audiologists and Speech Therapists

Examples of the occupations classi ed here:
Language therapist
Speech pathologist
Speech therapist

Unit Group 2267
Optometrists and Ophthalmic Opticians

5BTLT JODMVEF o
B FYBNJOJOH QBUJFOUT FZFT BOE PUIFS BOBUPNJDBM TUSVDUVSFT BOE GVODUJPOT BOE EFUFSNJOJOH UIF OBUVSF BOE QSPCMFNT BOE BCOPSNBMJUJFT
C UFTUJOH WJTVBM GVODUJPO JODMVEJOH DPMPVS WJTJPO BOE GBNJMJBSJUZ XJUI DPMPVST BOE BEWJTJOH PO WJTVBM BDVJUZ BOE SFGSBDUJWF FSSPST
D QSFTDSJCJOH BOE JNQMFNFOUJOH USFBUNFOU QSPHSBNNFT JODMVEJOH UIF QSPWJTJPO PG TQFDUBDMFT BOE PUIFS WJTVBM BJET
E QSPWJEJOH EJBHOPTUJD QSFWFOUJWF SFIBCJMJUBUJWF IFBMUI TFSWJDFT
F EFUFDUJOH BOE EJBHOPTJOH FZF EJTFBTF BOE EFGFDUT PG CFIBWJPVS BOE DPNNVOJDBUJPO GVODUJPO, and planning and managing treatment programmes, including screening patients in order to determine the nature and extent of their hearing loss
G BEWJTJOH PO WJTVBM IFBMUI NBUUFST, including screening patients in order to determine their health status, functional limitations, and the nature of physical or mental disorders, illnesses or QUIFS IFBMUI QSPCMFNT
H BEWJTJOH PO WJTVBM IFBMUI NBUUFST DBSF WJTJPO DBSF PQUJDT WJTVBM FSHPOPNJDT BOE JOEVTUSJBM FZF TBGFUZ
(c) detecting, diagnosing and managing eye disease, including prescribing medications for
(d) administering therapeutic care and treatment to patients, including through application of manual and physical chiropractic and
(d) consulting with and referring patients to ophthalmologists or other health professionals if

Unit Group 2269
Health Professionals Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST IFBMUI QSPGFTTJPOBMT XIP DBOOPU CF DMBTTJGJFE JO 4VC Health Professionals. For instance, the group includes occupations such as podiatrist, occupational therapist, recreational therapist, chiropractor, osteopath and other professionals
QSPWJEJOH EJBHOPTUJD QSFWFOUJWF SFIBCJMJUBUJWF IFBMUI TFSWJDFT
5BTLT JODMVEF o
B FYBNJOJOH QBUJFOUT FZFT BOE PUIFS BOBUPNJDBM TUSVDUVSFT BOE GVODUJPOT BOE EFUFSNJOJOH UIF OBUVSF BOE QSPCMFNT BOE BCOPSNBMJUJFT
C UFTUJOH WJTVBM GVODUJPO JODMVEJOH DPMPVS WJTJPO BOE GBNJMJBSJUZ XJUI DPMPVST BOE BEWJTJOH PO WJTVBM BDVJUZ BOE SFGSBDUJWF FSSPST
D QSFTDSJCJOH BOE JNQMFNFOUJOH USFBUNFOU QSPHSBNNFT JODMVEJOH UIF QSPWJTJPO PG TQFDUBDMFT BOE PUIFS WJTVBM BJET
E QSPWJEJOH EJBHOPTUJD QSFWFOUJWF SFIBCJMJUBUJWF IFBMUI TFSWJDFT
F EFUFDUJOH BOE EJBHOPTJOH FZF EJTFBTF BOE EFGFDUT PG CFIBWJPVS BOE DPNNVOJDBUJPO GVODUJPO, and planning and managing treatment programmes, including screening patients in order to determine the nature and extent of their hearing loss
G BEWJTJOH PO WJTVBM IFBMUI NBUUFST, including screening patients in order to determine their health status, functional limitations, and the nature of physical or mental disorders, illnesses or QUIFS IFBMUI QSPCMFNT
H BEWJTJOH PO WJTVBM IFBMUI NBUUFST DBSF WJTJPO DBSF PQUJDT WJTVBM FSHPOPNJDT BOE JOEVTUSJBM FZF TBGFUZ
(c) detecting, diagnosing and managing eye disease, including prescribing medications for
(d) administering therapeutic care and treatment to patients, including through application of manual and physical chiropractic and
(d) consulting with and referring patients to ophthalmologists or other health professionals if

FOWJSPONFOUT PO BO JOEJWJEVBM BOE PDDVQBUJPOT

(f) planning and implementing therapeutic pro-
HSBNNFT PO BO JOEJWJEVBM GPS JNQSPWJOH BOE NBJOUBJOJOH DPHOJUJWF FNPUJPOBM BOE QIZTJDBM GVODUJPOJOH
including through the use of arts and crafts,
EBODF BOE NPWFNFOU -NVTJD PS BSU SFDSFBUJPOBM BDUJWJUJFT
(g) identifying and prescribing treatments for
DPOEJUJPOT B FDUJOH UIF GPPU BOLMF BOE SF
lated structures of the leg due to illness,
disease or other physical impairment, and
QSFTDSJCJOH DPSSFDUJWF GPPUXFBS BOE BEWJTJOH
PO GPPU DBSF UP NBOBHF GPPU BJMNFOUT

(h) performing minor surgical procedures such
BT UIF YDU BOE BNLOH
Examples of the occupations classi ed here:

"SUT UIFSBQJTU
Chiropractor
%BODF UIFSBQJTU
Occupational therapist
Osteopath
Podiatrist
Recreational therapist

Note

"MUIPVHI JO TPNF KVSJTEJDUJPOT DIJSPQSBDUPST PQBUIZ BSF DPOTJEFSFE UP IBWF UIF BUUSJCVUFT PG TQFDJBMJ[BUJPOT QSBDUJUJPOFST JO UIFTF EJTDJQMJOFT TIPVME BMXBZT CF DMBTTJ FE IFSF
specializations, practitioners in these disciplines should always be classified here

Sub-ma~or Group 23

Teaching Professionals

5FBDIJOH QSPGFTTJPOBMT UFBDINUPISFFUEJFTPDSJZQMJDEFTQSBBUDEUJDFSF
FEVDBUJPOBM MFWFMT DPOEVDU SFUFBSUDIFPJSNGSPWFEPSQIEFSWEMPQ
NFUIPET QFSUBJOJOH UP UIFJS QBSTUDJDPVMBSSMZJQBQGMJOBFOEBCEPQLS
$PNQFUFOU QFSGPSNBODF JO NPTU PDVQVSBEVJSFTJOLUMTTVCN
GPVSUI *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTEFVCPNGBKVPSUHJSPHVQMVBTTVTEFMM
DPVSTFT PS UVUPSJBMT BU B QBSUJDJVPMBSM FBECVED EWUPJDPBUBJMP MEFMWFQW SGQ
JODMVEJOH QSJWBUF MFTTPOT DPOEUVDBUJCHEHBEVME-UFEVJDEBSBOZ QS
TPOT XJUI MFBSOJOH EJ DVMUJFT PSPETQGFZDJQBHM DOVFSSEJDVEMBJHCOJTQHFE
BOE BEWJTJOH PO UFBDIJOH NFUIPJETTPBOTEDFSQEJSUHJDJUFQBSHBO
J[BUJPO PG UFBDIJOH BOE SFMBUFETBJDJUFWJDFTEVDUJDFSQSMFTTBOSED
QBSUJDVMBS TVCKFDUT UP JNQSPWFPQSSEBFWJFMOPEQMDNEDFQEUT GUPISF
QMJDBUJPO JO JOEVTUSJBM BOE PUQIFS TmBMIETCRQPSLFTQBSVQHSTVDJFMBC
other workers may be included.

0DDVQBUJPOT JO UIJT TVC NBKPS HBRVQHBNJFODPMBHTFVmQE JOUP UIF

231 University and Higher Education Teachers

232 Vocational Education Teachers

233 Secondary Education Teachers

234 Primary School and Early Childhood Teachers

235 Other Teaching Professionals

Minor Group 231

University and Higher Education Teachers

6OJWFSTJUZ BOE IJHIFS FEVDBUJPOUVSFBDBHFTTDQSEFVQBUSFUVBUPFSJ
JO POF PS NPSF TVCKFDUT XJUIJBVBOQVSFSTTDJSJZCFFSEPUFHVSTTJFHPFG
FEVDBUJPOBM JOTUJUVUJPO 5IFZ DPMBSDMZSQFBTQFBSSTDIBOBEECRQPSLFTQBS

5BTLT QFSGPSNFE VTVBMMZ JODMVEFVMEBTJOHEJQCSHFQBDSEJNPHEJBZSTOFHTD
TUVEZ JO BDDPSEBODF XJUI SFRVJSFMMFDUVSQFTFBQOBESJDPHOEBVODEUEEMJV
UPSJBMT TFNJOBST BOE MBCPSBUPTSZJPYQBFOSENJFOEUQFTCLEJFNOVMBUPJVOHH
BNPOH TUVEFOUT TVQFSWJTJOH XIFSEQSBQDQUSJPQBSMJXEPSL FVYQEFFSSJUNBFLOF
CZ TUVEFOUT BENJOJTUFSJOH FWQBMQVFBTU JBCCHE BUGEUNTBSEJSGEBUF
SFTFBSDI PG QPTUHSBEVBUF TUVEFOUTSPTSFBSDHSONHFNCEBTBPG E
WFMPQJOH DPODFQUT UIFPSJFT BOEUPQGSJBCUJPDEBMUNSFUBMPEBTOGPSU
mFMET QSFQBSJOH TDIPMBSMZ CPHLTHQBQEQESQBSSUNSOUDBMFBTOEBGSBU
meetings and in conferences and seminars.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSGJDMHBSTFVQFE JOUP UIF GPM

2310 University and Higher Education Teachers

Unit Group 2310

University and Higher Education Teachers

6OJWFSTJUZ BOE IJHIFS FEVDBUJPOSGRUVFBSDHNSFTOQSFQBSF
BOE EFMJWFS MFDUVSFT BOE DPOEVSDFUQBSUJPSHJBMTEJDEPMWFWFSJOH M
or more subjects within a prescribed course of
TUVEZ BU B VOJWFSTJUZ PS PUFIYQSFSJJHNIFFSUFEVDBUJPOBM
JOTUJUVUJPO 5IFZ DPOEVDU(c) Estimating, discussing and presenting
scholarly papers and books.

5BTLT JODMVEF o

(a) designing and modifying curricula and preparing courses of study in accordance with

ducting tutorials, seminars and laboratory

UIPVHIU BNPOH TUVEFOUT

E TVQFSWJTJOH XIFSF BQQSPQSJBUF
BOE QSBDUJDBM XPSL VOEFSUBLFO
F BENJOJTUFSJOH FWBMVBUJOH
BNJOBUJPO QBQFST BOE UFTUT
(f) directing research of postgraduate students
PS PUIFS NFNCFST PG EFQBSUNFOU
H SFTFBSDIJOH JOUP BOE
theories and operational methods for appli-
DBUJPO JO JOEVTUSJBM BOE
I QSFQBSJOH TDIPMBSMZ CPPLT
(i) participating in departmental and faculty meetings and in conferences and seminars.

Examples of the occupations classified here:
Higher Education Teacher
Professor
Research Fellow
Senior Lecturer
Tutor

Some related occupations classified elsewhere:
Secondary Education Teacher
Training Officer
Trainer
Vocational Education Teacher

Minor Group 232
Vocational Education Teachers

7PDBUJPOBM FEVDBUJPO UFBDIFST
and further education institutions and to senior students in secondary schools and colleges.
5IFZ QSFQBSF
VOJWFSTJUZ PS IJHIFS FEVDBUJPO

5BTLT QFSGPSNFE
NFUIPET PG JOTUSVDUJPO
JOEJWJEVBMT JOEVTUSZ BOE
BOE USBJOJOH QSPHSBNNFT
EFOUT LOPXMFEHF BOE
FRVJQNFOU BOE NBUFSJBMT
TUVEFOUT XPSL UP
NFOU BENJOJTUFSJOH
F FDUJWFOFTT BOE
EFOU HSBEFT
QSPKFDUT
UJPO BOE
EFNPOTUSBUF

0DDVQBUJPOT JO UIJT
2320 Vocational Education Teachers

Unit Group 2320
Vocational Education Teachers

Vocational education teachers teach or instruct
further education institutions and to senior stu-
prepare students for employment in speci c oc-
5BTLT JODMVEF
B EFWFMPQJOH
DPOUFOU BOE
(b) determining training needs of students or
XPSLFST BOE
dustry and other education sectors to ensure
QSPWJTJPO PG
QSPHSBNNFT

(c) presenting lectures and conducting discussions to increase students knowledge and
DPNQFUFODF
(d) instructing and monitoring students in the
UIF QSFWFOUJPO PG
EFUFSNJOF QSPHSFTT
(f) administering and, where appropriate,
UFTUT UP
(g) preparing reports and maintaining records such as student grades, attendance rolls and
USBJOJOH

J QSPWJEJOH JOEJWJEVBMJ[FE 4FDPOEBSZ FEVDBUJPO UFBDIFST o
UPSJBM PS SFNFEJBM JOTUSVDUJPO
(j) conducting on-the-job training sessions to UFBDI BOE EFNPOTUSBUF QS
procedures or methods of designated subjects.

Examples of the occupations classi ed here:
"VUPNPUJWF UFDIOPMPHZ JOTUSVDUPS
Cosmetology instructor
Vocational education teacher

Some related occupations classi ed elsewhere:
4DIPPM QSJODJQBM o

Note
JOEJWJEVBMJ[FE TFDPOEBSZ FEVDBUJPO UFBDIFST UIBU
to prepare students for employment in a particular occu-
QBUJPOBM HSPVQ TIPVME CF DMBTTJmFE JO 6C
7PDBUJPOBM &EVDBUJPO 5FBDIFST XIFUIFS
HFOFSBM TFDPOEBSZ TDIPPM PS JO B WPDBUJP
TDIPPM PS DPMMFHF 5IPTF -XIP UFBDI BU
DBUJPO MFWFM TVCKFDUT TVDI BT NBUIF
aim to prepare students for employment in a speci c
PDDVQBUJPOBM BSFB TIPVME CF DMBTTJmFE
4FDPOEBSZ &EVDBUJPO 5FBDIFST FWFO
FNQMPZFE JO B WPDBUJPOBM PS UFDIOJDBM DI

Minor Group 233
Secondary Education Teachers

4FDPOEBSZ FEVDBUJPO UFBDIFST OFBSEZ IPEVDBSZ SJNPSMFFWFMCKFY
cluding subjects intended to prepare students for employment in speci c occupational areas.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFB EEOFE JQHSOFJQBSIJBOEEFENVDEJ
UJPOBM DPVSTFT PG TUVEZ JO BDDPSEBODF XJUI IDBVSESJFDVGMYSNJ
SVMFT GPS CFIBWJPVS BOE QSPDFEVSTFUTVGPSUNTBJQSBQEHSOEHPBDE
HJWJOH MFTTPOT EJTDVTTJPOT BOEVECKFDUTUSFBUJPCOMTJJOPKOFDMS
PCKFDUJWFT GPS BMM MFTTPOT VHOUTTBOECKFSPUWFUTUBOTEVDEFN
QSFQBSJOH NBUFSJBMT BOE DMBTTSPPUNBOPSOEMBFTUBEUBOEUJOT
TUSVDUJPOBM NBUFSJBMT UP NFFU FTUVTEFPCJTFSWBJSZHJOEOEFMBTTU
TUVEFOUT QFSGPSNBODF BOE CFIBWJNPBVSSLJQHSFQBSTJOEBTTBJEKJ
NFOUBOE FYBNJOBUJPOT UP FWBMVBUFQSVQJMTT QXSFSQLBS
DPOGFSSJOH XJUI PUIFS UFBDIFST EFOEJQHBSTDPPUDFQSBOSJUJHDJUEBUJDIP
FEVDBUJPOBM PS PSHBOJ[BUJPOBM EQPMBSDUJFTJQBMBOEJUDH TDPSPHBMOBE
JUJFT TVDI BT FYDVSTJPOT TQPSUJOH FWFOUT BOE DPODFSUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSEJDMBSTFVQFE JOUP UIF GPM

2330 Secondary Education Teachers

Unit Group 2330
Secondary Education Teachers

Secondary education teachers teach one or more TVCKFDUT BU TFDPOEBSZ FEVDBUJPOBM JOTUDFMEFOVECFBMWMFTOH subjects intended to prepare students for employ-ment in speci c occupational areas.

5BTLT JODMVEF o
(a) designing and modifying curricula and pre-paring educational courses of study in ac-DPSEBODF XJUI DVSSJDVMBM HVJEFMJOFT
C FTUBCMJTIJOH BOE -FOGSchool Educational Organizational Co-IBW iour and procedures for maintaining order BNPOH TUVEFOUT
D QSFQBSJOH BOE HJWJOH TMDFTTPPMOBDUJWJUJFTJPVOTI BT FYDVSTJ BOE EFNPOTUSBUJPOT JO POFFWFSFOEDKOPDUTFSUT
E FTUBCMJTIJOH DMFBS PCKFDUJWFT GPS BMM MFTTPOT units and projects and communicating those PCKFDUJWFT UP TUVEFOUT
(e) preparing materials and classrooms for class BDUJWJUJFT
(f) adapting teaching methods and instructional NBUFSJBMT UP NFFU TUVEFOUT BOE JOUFSFTUT
H PCTFSWJOH BOE FWBMVBUJOH TUV
(h) preparing, administering and marking tests, BTTJHONFOUT BOE FYBNJOBUJPOT U QVQJMT QSPHSFTT
(i) preparing reports about pupils work and DPOGFSSJOH XJUI PUIFS UFBDIFST
(j) participating in meetings concerning the JDJFT
(k) planning, organizing and participating in

Examples of the occupations classi ed here:
High school teacher
Secondary school teacher

Some related occupations classi ed elsewhere:
)FBE UFBDIFS o
4DIPPM QSJODJQBM o
7PDBUJPOBM FEVDBUJPO UFBDIFS o
4DIPPMT JOTQFDUPS o
-JUFSBDZ UVUPS QSJWBUF UVUJPO o
.BUIFNBUJDT DPBDI QSJWBUF UVUJPO o
4DIPPM DPVOTFMMPS o

Note
5IPTF XIP UFBDI WPDBUJPOBM TVCKFDUT UIBU
to prepare students for employment in a particular occu-
QBUJPOBM HSPVQ TIPVME CF DMBTTJmFE JO 6C
7PDBUJPOBM &EVDBUJPO 5FBDIFST XIFUIFS
HFOFSBM TFDPOEBSZ TDIPPM PS JO B WPDBUJP
TDIPPM PS DPMMFHF 5IPTF XIP UFBDI BU
DBUJPOBM MFWFM TVCKFDUT TVDI BT NBUIF
aim to prepare students for employment in a speci c
PDDVQBUJPOBM BSFB TIPVME CF DMBTTJmFE
4FDPOEBSZ &EVDBUJPO 5FBDIFST FWFO
FNQMPZFE JO B WPDBUJPOBM PS UFDIOJDBM DI

Minor Group 234
Primary School and Early Childhood Teachers

1SJNBSZ TDIPPM BOE FBSMZ DIJMEIPPE FEVDBUJPO BOE PSHBOJ[F FEVDBUJPOBM QSPHSBNNFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFO B SBOHF PG TVCKFDUT BU UIF QSJNBSZ PS FBSMZ DIJMEIPPE MFWFM UP GBDJMJUBUF DIJMESFO T EFWFMPQNFOU BOE 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMVEFE

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF FJUIFS JOUP UIF GPM

2341 Primary School Teachers

2342 Early Childhood Educators

Unit Group 2341
Primary School Teachers

Primary school teachers teach a range of subjects BU UIF QSJNBSZ FEVDBUJPO MFWFM UP GBDJMJUBUF DIJMESFO T EFWFMPQNFOU BOE 5BTLT JODMVEF o

(a) preparing daily and longer term lesson plans JO BDDPSEBODF XJUI DVSSJDVMVN BOE TUBOEBSET o
(b) using a variety of teaching methods and C JOTUSVDUJOH DIJMESFO JOEJWJEVBMMZ BOE JO HSPVQT VTJOH WBSJPVT UFBDIJOH NFUIPET BOE materials (e.g. computers, books, games), BEBQUJOH UP DIJMESFO T WBSZJOH OFFET
(c) maintaining discipline and good working IBCJUT JO UIF DMBTTSPPN E QMBOOJOH BOE DPOEVDUJOH BDUJWJUJFT XJUI UIF DIJMESFO TVDI BT TQPSUJOH BDUJWJUJFT BOE FYDVSTJPOT
(e) assigning and grading class work and home- XPSL
(f) preparing, administering and grading tests BOE BTTJHONFOUT UP FWBMVBUF DIJMESFOT QSPHSFTT
H PCTFSWJOH BOE FWBM-VBUJOH DIJMESFO T NPUPS DPPQFSBUJWF BOE CFIBWJPVSBM DFWFMPQNFOU
I TVQFSWJTJOH DIJMESFO EVSJOH CSFBLT BOE other times in the school day, including the QMBZHSPVOE EVSJOH CSFBLT
J QBSUJDJQBUJOH JO TU-B NFFUJOHT BOE PUIFS TUBGG NFNCFST TVDI BT UIFPT BOE EJTDVsions, and conferring with other teachers D MFBEJOH DIJMESFO JO -BDUJWJUJFT DPODFSOJOH FEVDBUJPOBM JTTVFT GPS DSFBUJWF FYQSFT

(j) preparing for and attending parent meetings to discuss children s progress and problems.

Example of the occupations classi ed here:
Primary school teacher

Some related occupations classi ed elsewhere:
7PDBUJPOBM FEVDBUJPO UFBDIFS o
4DIPPMT JOTQFDUPS o
4DIPPM DPVOTFMMPS o

Unit Group 2342
Early Childhood Educators

Early childhood educators promote the social, QIZTJDBM BOE JOUFMMFDUVBM EFWFMPQNFOU CFMPX QSJNBSZ TDIPPM BHF UISPVHI PG FEVDBUJPOBM BOE QMBZ BDUJWJUJFT B QMBOOJOH BOE PSHBOJ[JOH JOEJWJEVBM BOE TNBMM HSPVQ BDUJWJUJFT UP FODPVSBHF JOEFQFOEFODF BOE DPPQFSBUJPO TUPSZUFMMJOH, role play, songs, rhymes and in- D QSPNPUJOH MBOHVBHF EFWFMPQNFOU BOE EJTDVTTJPOT BOE FYQMPSBUJPO PG JTTVFT GPS DSFBUJWF FYQSFT

the media of art, dramatic play, music and QIZTJDBM mUOFTT

E PCTFSWJOH DIJMESFO JO PSEFS UP JEFOUJGZ BQQSPQSJBUF BDUJWJUJFT BOE SFGFSSBMT

HSFTT BOE UP EFUFDU TJHOTUPGPEFFWSFMPQWFOUBM

FNPUJPOBM PS IFBMUI SFMBUFEFQTSJPBCMFNTJOH BOE NBJOUBJOJOH

F PCTFSWJOH BOE BTTFTTJOH DIJMESFOT TOFMBOVUSPDJTJPQTBMXJUFBMPUIFS TFS

welfare and safety needs of students and identifying factors which may impede stu-

EFOUT QSPHSFTT

G TVQFSWJTJOH DIJMESFO TEarly childhood educatorUP FOTVSF

TBGFUZ BOE SFTPMWF DPOnJDUPre-school teacher

H HVJEJOH BOE BTTJTUJOH DIJMESFO JO UIF EFWFM

opment of proper eating, dressing and toilet IBCJUT

(h) discussing progress or problems of children XJUI QBSFOUT BOE PUIFS TUBN

(h) identifying appropriate activities and referrals working with young children.

Examples of the occupations classi ed here:

Some related occupations classi ed elsewhere:

$IJME DBSF DFOUSF NBOBHFS o

$IJME DBSF XPSLFS o

Minor Group 235

Other Teaching Professionals

0UIFS UFBDIJOH QSPGFTTJPOBMT DPOEVDUJOH JOTUSVDUJPO BOE BDUJWJUJFT XJUI MFBSOJOH EJDVMUJFT PS TQFDJBM WBMVF GPS GFMMPXUSBHFST JODMVEJOH MBUFE QVSQPTFT HJWF QSJWBUF UVJUJPO JO NPUPS TLJMMT JOTUSVDUJPO PVUTJEF UIF NBJOTUSFBN QSJNBSZ TZTUFN PS JO TQFDJBM FEVDBUJPOBM UFBDIJOH TFSWJDFT OPU DMBTTJmFE FMTFXIFSF

5BTLT QFSGPSNFE VTVBMMZ JODMVEFQJDDPHOEFSVBUJWJOHTJGFFBCSDIFBDEJG NFUIPET DPVSTFT BOE BJET UFBDIJOEHSFQOZTZDVBOHMZQFBDEOTBRQSQBEVDM PS UIPTF XJUI MFBSOJOH EJDVMUJFTOPCSOPBUIFVSFTMQEFOHJVBMHEOTF NJHSBUJPO QVSQPTFT UFBDIJOH TUVEFOUTBJOOEQSBGDUWJTFDUIEFSBNZB EBODF WJTVBM BOE PUIFS BSUT EFWJFOMPQSOBHJOJOHEQVMJHSHBNNEETDE courses for information technology users.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSFVQE JOUP UIF GPM

2351 Education Methods Specialists

2352 Special Needs Teachers

2353 Other Language Teachers

2354 Other Music Teachers

2355 Other Arts Teachers

2356 Information Technology Trainers

2359 Teaching Professionals Not Elsewhere Classified

Unit Group 2351

Education Methods Specialists

Education methods specialists conduct research BOE EFWFMPQ PS BEWJTF PO organizing the introduction of educational DPVSTFT BOE BJET 5IFZ SFWJFXBGMJEFNVTUOF teachers work, the functioning of educational JOTUJUVUJPOT BOE UIF SFMBUJPOTIJQT BNPOH NFOE DIBOHFT BOE JNQSPWFNFOUT

5BTLT JODMVEF o

B SFTFBSDIJOH JOUP DVSSFOUBEFWFMPQNFOUT JO curricula, teaching methods and other edu- DBUJPOBM QSBDUJDFT BOE BEWJTJOH PO DIBOHFT BOE QPTTJCMF JNQSPWFNFOUT

C FWBMVBUJOH BOE BEWJTJOH PO DPVSTFT BOE NFUIPET PG FYBNJOBU

D SFTFBSDIJOH JOUP BVEJP UFBDIJOH BJET BOE BEWJTJOH PO organizing and conducting introductory educational E EPDVNFOUJOH TVCKFDUT BOE NFOU USBJOJOH BOE DPOTVMUBU

(f) organizing and conducting workshops and conferences to train teachers in new pro-

H EFWFMPQJOH UIF TUSVDUVSFT BOE QSPDFTTFT PG OFX FEVDBUJPOBM QPMJDJFT BOE QSPHSBNNFT

I WJTJUJOH TDIPPMT Q-FSJPEJDBMMZ BOE JOTQFDUJOH UIFN UP FOTVSF UIBU UIFZ BSF DPOEVDUJOH TJOH XJUI BENJOJTUSBUJWF BOE PSHBOJTBUJPOBM QPMJDJFT BOE QSPDFEVSFT

J WJTJUJOH DMBTTSPPNT- UP PCTFSWF UFBDIFST BOE TDIPMBTUJD SFTVMUT

(j) preparing reports and making recommendations to educational authorities concerning curricula, teaching methods, and other matters.

Examples of the occupations classi ed here:

Curriculum coordinator
$VSSJDVMVN EFWFMPQFS
Education methods specialist
Schools inspector
5FBDIJOH BJET TQFDJBMJTU

Some related occupations classi ed elsewhere:

4DIPPM DPVOTFMMPS o
4UVEFOU BEWJTFS o
&EVDBUJPOBM QTZDIPMPHJTU

Unit Group 2352

Special Needs Teachers

Special needs teachers teach physically or mentally handicapped children, young persons or adults, or those with learning di culties or other TQFDJBM OFFET 5IFZ QSPNPUF UIFJS UJPOBM JOUFMMFDUVBM BOE their students.

5BTLT JODMVEF o

(a) assessing students abilities and limitations with regard to intellectual, physical, social BOE FNPUJPOBM JNQBJSNFOUT UFMMFDUVBM HJGUT PS

(b) designing or modifying curricula and pre- QBSJOH BOE EFMJWFSJOH BOE BDUJWJUJFT BEBQUFE BOE OFFET

D HJWJOH JOTUSVDUJPO PO CBTJT VTJOH TQFDJBMJ- QSJBUF UP TUVEFOUT OFFET

(d) employing special educational strategies and UFDIOJRVFT EVSJOH JOTUSVDUJPO UIF EFWFMPQNFOU PG -TFOTPSZ XBSOLETIQT TDGRS HSPVQT BOE JOE tual-motor skills, language, cognition and NFNPSZ

F FTUBCMJTIJOH BOE FO-GPSDJOH iour and policies and procedures to maintain PSEFS BNPOH TUVEFOUT

(f) teaching academic subjects and practical skills to students with learning, sensory, physical and other disabilities, using specialized methods and equipment

(g) assessing and maintaining student data and PUIFS SFDPSET BOE TVCNJUUJOH SFQ

K BENJOJTUFSJOH WBSJPVT GPSNT P JNQMFNFOUJOH UIFTF QSPHSBNNFT

(k) conferring with students, parents, head UFBDIFST BOE PUIFS SFMFWBOU QS JOWPMWFE JO UIF TUV-EFOUT DBSF EJWJEVBM FEVDBUJPOBM QMBOT E NPUF TUVEFOUT EFWFMPQNFOU

Examples of the occupations classi ed here:

Learning disabilities special education teacher
Learning support teacher
Remedial teacher
5FBDIFS PG HJGUFE DIJMESFO
5FBDIFS PG UIF IFBSJOH JNQBJSFE
5FBDIFS PG UIF TJHIU JNQBJSFE

Some related occupations classi ed elsewhere:

7PDBUJPOBM FEVDBUJPO UFBDIFS
4FDPOEBSZ TDIPPM UFBDIFS o
1SJNBSZ TDIPPM UFBDIFS o

Unit Group 2353

Other Language Teachers

0UIFS MBOHVBHF UFBDIFST UFBDI OPO guages to adults and children who are learning a language for reasons of migration, to ful l employ- PQQPSUVOJUJFT PS PQQPSUVOJUJFT JO UFSBUJPOBM QSPHS in a foreign language, or for personal enrichment. 5IFZ IXSPSLNFTUTMJFTTUPIFTNBJOTUSFBN QSJ Ordary and Higher Education Systems, but in sup- port of students and teachers within those systems.

5BTLT JODMVEF o

(a) assessing students abilities and limitations with regard to intellectual, physical, social BOE FNPUJPOBM JNQBJSNFOUT UFMMFDUVBM HJGUT PS HSPVQT BOE JOE

(b) designing or modifying curricula and pre- QBSJOH BOE EFMJWFSJOH BOE BEBQUJOH FYJTUJOH NBUFSJBMT

E BTTFTTJOH TUVEFOUT QSPHSFTT

(e) assisting students in classroom settings where subjects are taught in a language other than UIF TUVEFOUT OBUJWF MBOHVBHF
(f) QSPWJEJOH BTTJTUBODF designing special teaching programmes for students still learning the main language of JOTUSVDUJPO
(g) assigning and correcting work, and preparing BOE HSBEJOH FYBNT
(h) assessing, recording and reporting on students progress.

Examples of the occupations classi ed here:
*OUFOTJWF MBOHVBHF UFBDIFS 7P DBUJPOBM FEVDBUJPO UFBDIFS
.JHSBOU FEVDBUJPO UFBDIFS 4FDPOEBSZ TDIPPM UFBDIFS o
Practical language teacher
Second language teacher

Some related occupations classi ed elsewhere:
6OJWFSTJUZ MFDUVSFS o
7PDBUJPOBM FEVDBUJPO UFBDIFS o
4FDPOEBSZ TDIPPM UFBDIFS o
1SJNBSZ TDIPPM UFBDIFS o

K BSSBOHJOH WJTJUT BOE UPVST U NBODFT
(k) HVBJEJOH and assisting in auditions or performances of students' work.

Examples of the occupations classi ed here:
(VJUBS UFBDIFS QSJWBUF UVJUJP
1JBOP UFBDIFS QSJWBUF UVJUJPO
4JOHJOH UFBDIFS QSJWBUF UVJUJPO
7JPMJO UFBDIFS QSJWBUF UVJUJP

Some related occupations classi ed elsewhere:
6OJWFSTJUZ MFDUVSFS o
7PDBUJPOBM FEVDBUJPO UFBDIFS
4FDPOEBSZ TDIPPM UFBDIFS o
1SJNBSZ TDIPPM UFBDIFS o

Note
Regular secondary and primary school teachers who UFBDI NVTJD BSF DMBTTJGJFE JO 6OJU (SPV
PO EBSZ &EVDBUJPO 5FBDIFST BOE 1S
5FBDIFST SFTQFDUJWFMZ

Unit Group 2354

Other Music Teachers

Other music teachers teach students in the practice, theory and performance of music outside the mainstream primary, secondary and higher FEVDBUJPO TZTUFNT CVU FNEBZ BQQMZ JF Z TQFJNBUBCFVPSNBZ QSP TNBMM HSPVQ UVJUJPO BT BOE in association with mainstream educational institutions.
5BTLT JODMVEF o
B BTTFTTJOH UIF TUVEFOUT BMFWFM PG UFSNJOJOH OFFET BOE MFBSOJOH OFFET
C QMBOOJOH QSFQBSJOH BOE grammes of study, lessons and workshops GPS JOEJWJEVBM TUVEFOUT BOE HSPV
(c) preparing and presenting material on the UIFPSZ BOE JOUFSQSFUBUJPO PG TVCKFDU BSFB CFJOH T
(d) instructing and demonstrating practical aspects of singing or of playing a particular JOTUSVNFOU
(e) teaching students to read and write musical OPUBUJPO
G BTTJHOJOH FYFSDJTFT BOE NVTJD SFMFWBOU UP TUVEFOUT JOUFSFTUT BOE UBMFOUT
H BTTFTTJOH TUVEFOUT BOEIP QSFQBSJOH DJTN BOE FODPVSBHFNFOU
I SFWJTJOH DVSSJDVMB NBUFSJBMT BOE NFUIPET PG
J QSFQBSJOH TUVEFOUT GPS NBOBDFT BOE BTTFTTNFOUT

Unit Group 2355

Other Arts Teachers

Other arts teachers teach students in the practice, theory and performance of dance, drama and WJTVBM BOE PUIFS BSUT FYDMVEJ the mainstream primary, secondary and higher
in association with mainstream educational institutions.
5BTLT JODMVEF o
B MFWFM PG UFSNJOJOH OFFET BOE MFBSOJOH OFFET
C QMBOOJOH QSFQBSJOH BOE grammes of study, lessons and workshops
(c) preparing and presenting material on the
(d) instructing and demonstrating practical aspects of dance, drama and WJTVBM BOE PUIFS BSUT
F BTTJHOJOH FYFSDJTFT BOE XPSL S EFOUT MFWFM PG BCJMJUZ JOUFSFTU
G BTTFTTJOH TUVEFOUT BOE P FSJOH
(g) organizing and assisting in performances or FYIJCJUJPOT PG TUVEFOUT XPSL

Examples of the occupations classi ed here:
%BODF UFBDIFS QSJWBUF UVUPSJOH
%SBNB UFBDIFS QSJWBUF UVUPSJOH
1BJOUJOH UFBDIFS QSJWBUF UVUPSJOH
4DVMQUVSF UFBDIFS QSJWBUF UVUPSJOH

Some related occupations classi ed elsewhere:
6OJWFSTJUZ MFDUVSFS o
7PDBUJPOBM FEVDBUJPO UFBDIFS o
4FDPOEBSZ TDIPPM UFBDIFS o
1SJNBSZ TDIPPM UFBDIFS o
1SJWBUF NVTJD UFBDIFS o

Note
Regular secondary and primary school teachers who UFBDI BSUT TVCKFDUT BSF DMBTTJmFE JO 6OJU (SPVQT 4FDPOEBSZ &EVDBUJPO 5FBDIFST BOE 1SJNBSZ 4DIPPM 5FBDIFST SFTQFDUJWFMZ

Unit Group 2356
Information Technology Trainers

*OGPSNBUJPO UFDIOPMPHZ schedule and conduct training programmes and courses for computer and other information technology users outside the mainstream primary, secondary and higher education systems.

5BTLT JODMVEF o
(a) identifying the information technology USBJOJOH OFFET BOE PSHBOJTJOH WJEVBM VTFST BOE PSHBOJTBUJPOT
(b) instructing and demonstrating practical assessment training material and aids such as handonstration models and supporting training SFGFSFODF EPDVNFOUBUJPO
(c) designing, coordinating, scheduling and DPOEVDUJOH USBJOJOH BOE NBJOUBJOJOH DPNQVUFS USBJOJOH PCKFDUJWFT MJWFSBCMFT
background materials to gain a full understanding of information technology trends, and writing end user products and materials such as user training, tutorial and instruction manuals, online help, and operating and maintenance instructions.

Examples of the occupations classi ed here:
Computer trainer
Software trainer
Some related occupations classi ed elsewhere:
6OJWFSTJUZ MFDUVSFS o
7PDBUJPOBM FEVDBUJPO UFBDIFS o
4FDPOEBSZ TDIPPM UFBDIFS o
4UBGG EFWFMPQNFOU P DFS o

Unit Group 2359
Teaching Professionals Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST UFBDIJOH Q OPU DMBTTJmFE FMTFXIFSF JO 4VC NBKS 5FBDIJOH 1SPGFTTJPOBMT 'PS JOTUBOD JODMVEFT UIPTF XIP QSPWJEF QSJWBU subjects other than foreign languages and the BSUT BOE UIPTF XIP QSPWJEF FEVDBU selling to students.

*OTUSVDUJOH TUVEFOUT MFXFM PG B BTTFTTJOH TUVEFOUT MFWFM PG NJOJOH MFBSOJOH OFFET
C QMBOOJOH QSFQBSJOH BOE EFM grammes of study, lessons and workshops GPS JOEJWJEVBM TUVEFOUT BOE HSPV
(c) preparing and presenting material on the F BTTJHOJOH FYFSDJTFT BOE XPSL S G BTTFTTJOH TUVEFOUT BOE P FSJOH H SFWJTJOH DVSSJDVMB DPVSTF DR
(i) counselling students regarding educational issues such as course and programme selection, class scheduling, school adjustment, IBWJPVSBM QSPCMFNT B FDUJOH UIFJS Q FSJFODFT CZ FODPVSBHJOH UI
(j) counselling students to help them understand their own abilities, aptitudes and interests, and assisting them in choosing tasks

Examples of the occupations classi ed here:
-JUFSBDZ UVUPS QSJWBUF UVJUJP
.BUIFNBUJDT DPBDI QSJWBUF UVJUJ
School counsellor
4UVEFOU BEWJTFS

Some related occupations classi ed elsewhere:

- 6OJWFSTJUZ MFDUVSFS o
- 7PDBUJPOBM FEVDBUJPO UFBDIFS o
- 4FDPOEBSZ TDIPPM UFBDIFS o
- 1SJNBSZ TDIPPM UFBDIFS o
- *OUFOTJWF MBOHVBHF UFBDIFS o
- .JHSBOU FEVDBUJPO UFBDIFS o
- .VTJD UFBDIFS QSJWBUF UVJUJPO o
- %BODF UFBDIFS QSJWBUF UVJUJPO
- %SBNB UFBDIFS QSJWBUF UVJUJPO
- 1JOH UFBDIFS QSJWBUF UVJU
- 4DVMQUVSF UFBDIFS QSJWBUF UVJU
- &EVDBUJPOBM QTZDIPMPHJTU o
- FSNJMZ DPVOTFMMPS o
- PDJBM XPSLFS o

Sub-ma~or Group 24

Business and Administration Professionals

Business and administration professionals perform analytical, conceptual and practical tasks
UP QSPWJEF TFSWJDFT JO mOBOD JNBFMOUN BQUVCFMSJTD -SVFMBUJOJFSGFTPNBS
LFUJOH BOE TBMFT JO UIF UFDIOJDBMW ONJEBJUDBPMT JUOFGDPHSNPMUPHPZOBSGFB
BOE DPOEVDU SFWJFXT PG PSHBOJ[BZUTUPONBTTUXSFMMVSTFRVNEUUUBU
BOBMZTFT PG JOGPSNBUJPO B FDUJOH OTWQFTSNGPSNBQSDPSNBSJBONNFPTTU
PDDVQBUJPOT JO UIJT TVC NBKPS HUSIPV4QSFTRLVJMMTMTFLWMMT BU UIF

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTETFVCDNBMFSDHSOVQ BVOTMMZ.ZOJHO
JOUFSQSFUJOH JOGPSNBUJPO PO UVISFmOBBCCED JUBSNBEWJDBHC FMFJDUZJWDPT
PG PSHBOJ[BUJPOT DPOEVDUJOH BVEJUTBQESPBSJUSOHMMJDBHDUSBFMBTT
TZTUFNT GPS PSHBOJ[BUJPOT EFWFMPQJOHIBTOESBEWHJFXTOFHYmDVZOJ
CVZ BOE TFMM PSEFST BOE OFHPUJBNUNJPOEHJUUIFTQVESFDMBMTPQBJOEH TBNQM
NFOUJOH BOE FWBMVBUJOH TUB SFDSVJQNFHOSUBNSFTJOSJOTHFBSDEIJEGMV
EFWFMPQJOH BOE JNQMFNFOUJOH NBSBFHUOTH TBUVEEZQJVOCHMBDESFEMFBU
WFMPQJOH NFUIPET BOE QPMJDJFT UBOJENQSVFWGFBTOEP QSSBUPJFO
BOE F FDUJWFOFTT BDRVJSJOH BOE VQBEOBEJDPHNQEUPJXUMFSETHFHPGEFTN
BOE TFSWJDFT BOE PG NBSLFU DPOEEJUJBPOET FBTQTMFBTJTOJCOH DBVOTEJFNFNS
POTUSBUJOH HPPET BOE TFSWJDFT UP UIFN

0DDVQBUJPOT JO UIJT TVC NBKPS HBSXVQHBNJFODPMBHTFmQE JOUP UIF

241 Finance Professionals

242 Administration Professionals

243 Sales, Marketing and Public Relations Professionals

Minor Group 241

Finance Professionals

'JOBODF QSPGFTTJPOBMT QMBO EFWFMPQNFOUBOBMZTF
UJUBUJWF BOBMZTFT PG FJUIFS mOBODJBM PSBMUHEJWJEVBMTFTTNJTN
BOE QVCMJD PS QSJWBUF JOTUJUVUJPOT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFJBQMSFQUBSJFOHBUEGPSSHBOJ[JOHE
J[BUJPO SFWJFXJOH mOBODJBM NBUEFSJHBMTDPGDBSMPSEWJD[BUJPOC
WJEVBMT BOE PSHBOJ[BUJPOT QSFQBSJOHNBOUBMZPGJDJSFQDPSUNZP
and the economy as a whole.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSHJDUMHBSFVQE JOUP UIF GPM

2411 Accountants

2412 Financial and Investment Advisers

2413 Financial Analysts

Unit Group 2411

Accountants

"DDPVOUBOUT QMBO PSHBOJ[F DPOUSPM BOE BOBMZTF GJOBODJBM EBUB BOE QSFQBSF SFQPSUT GPS JOUFSOBM BOE FYUFSOBM VTFST TVDI BT NBOBHFNFOU BDDPVOUBOUT 4PNF PDDVQBUJPOT DMBTTJGZ FTUBCMJTINFOUT BDDPSEJOH UP UIFJS TQFDJBMJTU BSFBT TVDI BT UBY BDDPVOUJOH QPMJDJFT BOE QSPDFEVSFT BOE BVEJU BDDPVOUBOUT 5BTLT JODMVEF o

B BEWJTJOH PO QMBOOJOH BOE JOTU
etary, accounts controlling and other ac-
DPVOUJOH QPMJDJFT BOE TZTUFNT
(b) preparing financial statements for investment and management purposes
D QSFQBSJOH UBY SFUVSOT BEWJTJO
(c) preparing tax returns and advising clients on tax matters
CFGPSF UBY P DJBMT
(d) preparing or reporting on profit forecasts
BOE CVEHFUT

F DPOEVDUJOH mOBODJBM MEXamples of the occupations classi ed here:
NBUUFST BT TVTQFDUFE GSEBWF planned
CBOLSVQUDZ
G BVEJUJOH BDDPVOUT BOE CPPFQUWFFTQUJNOHOSFBEWBEFTFS
H DPOEVDUJOH JOWFTUJHBUJPOT BOE BEWJTJOH NBO
BHFNFOU PO mOBODJBM BTQFDUT PG QSPEVDUJWJUZ
TUPDLIPMEJOHT TBMFT OFX QSPEVDUT FUD
I EFWJTJOH BOE DPO-US.PMJOH TZTUFNT UP EFUFS
NJOF VOJU DPTU PG QSPEVDUT BOE TFSWJDFT

Unit Group 2413
Financial Analysts

Examples of the occupations classi ed here:
"DDPVOUBOU
"VEJUPS
Certi ed accountant
Chartered accountant
Financial controller
*OTPMWFODZ USVTUFF
.BOBHFNFOU BDDPVOUBOU
5BY BDDPVOUBOU

Some related occupations classi ed elsewhere:
'JOBODF NBOBHFS o
"DDPVOUJOH BTTJTUBOU o
#PPLLFFQFS o

'JOBODJBM BOBMZTUT DPOEVDU RVBOU
PG JOGPSNBUJPO B FDUJOH JOWFTUNFO
PG QVCMJD PS QSJWBUF JOTUJUVUJPO
5BTLT JODMVEF o
(a) analysing nancial information to produce forecasts of business, industry and economic
DPOEJUJPOT GPS VTF JO NBLJOH J
DJTJPOT
(b) maintaining knowledge and staying abreast
PG EFWFMPQNFOUT JO UIF GJFM
technology, business, nance and economic
UIFPSZ
D JOUFSQSFUJOH EBUB B FDUJOH JOW
grammes such as price, yield, stability, future
USFOET JO JOWFTUNFOU SJTLT BO
nVFODFT
(d) monitoring economic, industrial and cor-
QPSBUF EFWFMPQNFOUT UISPVHI B
information obtained from nancial publica-
UJPOT BOE TFSWJDFT JOWFTUNFOU C

Unit Group 2412
Financial and Investment Advisers

'JOBODJBM BOE JOWFTUNFOU BEWJTFST UOEFWOFUMBQFMOOBJOFT USBEF QV
DJBM QMBOT GPS JOEJWJEVBMT DPNQBOJFT PS SUFIPFJSNCFOJBMH JOWFTUNFOUT BOE
5BTLT JODMVEF o
UJNJOH UP DPNQBOJFT JOWFTUNFOU
B CVJMEJOH BOE NBJOUBJOJOHS BUDFMJFWUFTUBJTFH QVCMJD
C JOUFSWJFXJOH DMJFOUT (f) determining the prices at which securities
TUBUVT BOE PCKFDUJWFTPVMSEJCTFLTZUOEJVIBSEBOE PBFOSEE UP U
PUIFS JOGPSNBUJPO OFFEFEH UQSEFQWBFSMJPOH mQOBOOT PG BDUJPO GP
DJBM QMBOT BOE JOWFTUNFOCUTFFSPBUFHOJBFOTDJBM BOBMZTFT
D TFUUJOH mOBODJBM PCKFDUWBMFVTBUBOE EEFWDRMPQBJSJOH UIF SFM
BOE JNQMFNFOUJOH TUSBUFHGFWBGSPJSVBTDITJFFWJSJOHUJFT JO B HJWF
UIFN
(d) arranging to buy and sell stocks and bonds
GPS DMJFOUT
F NPOJUPSJOH JOWFTUNFOU QFSGPSNBODF BOE SF
WJFXJOH BOE SFWJTJOH JOEWFTUNFOU QPSUGPMJPT
PO NPEJmFE OFFET BOE DIBOHFTT analyst
(f) recommending and arranging insurance
DPWFS GPS DMJFOUT

Examples of the occupations classi ed here:
*OWFTUNFOU BOBMZTU
Securities consultant

Minor Group 242
Administration Professionals

"ENJOJTUSBUJPO QSPGFTTJPOBMT TBSQFQMBZUFWEBUSPJPJWTQSDPPWOJDDHQUI
F FDUJWFOFTT PG PSHBOJ[BUJPOT BHOBEOUJBUJPEJWJEVBMT XJUIJO UI

5BTLT QFSGPSNFE VTVBMMZ JODMVEHBGWJBMVBOJOBHOEIFTVHSFDUJVO
BSFBT PG JNQSPWFNFOU FOTVSJOHPUHBUUPSHBQFJS**BUJPO**BMSBDDPVOUJOUJ

XJUI UIF QPMJDZ PCKFDUJWFT PG UIF FTUBCMJTINFOU PS IEVDBUJPO PG TUBGG PS personnel within an organization.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSF JDMBTTJFE JOUP UIF GPM

2421 Management and Organization Analysts

2422 Policy Administration Professionals

2423 Personnel and Careers Professionals

2424 Training and Staff Development Professionals

Unit Group 2421

Management and Organization Analysts

.BOBHFNFOU BOE PSHBOJ[BUJPOBM BOBMZTUT BOBMZTF QSPCMFNT BOE QSPWJEF BEWJDF PO PSHBOJ[BUJPOBM TUSVDUVSFT NFUIPET TZTUFNT BOE QSPDFEVSFT

5BTLT JODMVEF o

B BTTJTUJOH BOE FODPVSBHJOH DMJFOUT UPXBSET NPSF FGGJDJFOU PSHBOJ[BUJPOBM QFSGPSNBODF

C BOBMZTJOH BOE FWBMVBUJOH TZTUFNT BOE TUSVDUVSFT

D EJTDVTTJOH DSFBUJWF TPMVUJPOT UP QSPCMFNT BOE PQQPSUVOJUJFT GPS JNQSPWFNFOU

(d) directing clients towards more effective organizational structures, methods, systems and procedures.

5BTLT JODMVEF o

B BTTJTUJOH BOE FODPVSBHJOH DMJFOUT UPXBSET NPSF FGGJDJFOU PSHBOJ[BUJPOBM QSPDFEVSFT TZTUFNT BOE TUSVDUVSFT

C BOBMZTJOH BOE FWBMVBUJOH TZTUFNT BOE TUSVDUVSFT

D EJTDVTTJOH DSFBUJWF TPMVUJPOT UP QSPCMFNT BOE PQQPSUVOJUJFT GPS JNQSPWFNFOU

(d) directing clients towards more effective organizational structures, methods, systems and procedures.

F VOEFSUBLJOH BOE SFWJFXJOH PSHBOJ[BUJPOBM QSPDFEVSFT TZTUFNT BOE QSPDFTTFT

(f) recording and analysing organizations

(g) preparing and recommending proposals to

I BTTJTUJOH JO JNQMFNFOUJOH PSHBOJ[BUJPOBM DIBOHFT

procedure manuals and drafting other documentation

J SFWJFXJOH PQFSBUJOH QSPDFEVSFT BOE BEWJTJOH of departures from procedures and standards.

Examples of the occupations classified here:

Business consultant

Organization and methods analyst

Some related occupations classified elsewhere:

Unit Group 2422

Policy Administration Professionals

1PMJDZ BOBMZTUT BOE BEWJTFST QSPWJEF BEWJDF PO TUSBUFHJD QPMJDZ JNQMFNFOUBUJPO BOE QSPHSBNNF NBOBHFNFOU BOE PQFSBUJPOBM QSPCMFNT

5BTLT JODMVEF o

(a) liaising and consulting with programme administrators and other interested parties to

(c) researching social, economic and industrial trends and their implications,

(d) formulating and analysing policy options, preparing briefing papers and recommendations and

(e) assessing programmes, financial implications, interactions with stakeholders and

(f) conducting threat and risk assessments and

H SFWJFXJOH PQFSBUJPOT BOE QSPDFEVSFT BNVFS XPSL

ensure consistency with policies of the organization.

Examples of the occupations classified here:

Intelligence officer

Policy analyst

1PMJUJDBM BEWJTFS

Unit Group 2423

Personnel and Careers Professionals

1FSTPOOFM BOE DBSFFST QSPGFTTJPOBMT DVMUJWBUF TFSWJDFT SFMBUJOH QPMJDJFT TVDI BT FNQMPZFF SFDSVJUNFOU PQNFOU PDDVQBUJPOBM BOBMZTJT BOE guidance.

5BTLT JODMVEF o

B BEWJTJOH PO BOE QFSGPSNJOH QFSTPOOFM GVODUJPOT relating to employee recruitment,

placement, training, promotion, compensa- BOE EFWFMPQNFOU QSPHSBNNFTUP FC
UJPO BOE FNQMPZFFoNBOBHFNFOUSBMBUJPBOTBDRVJSF UIF TLJMMT
PUIFS BSFBT PG QFSTPOOFMUIQPMJDJFT SFRVJSFE CZ PSHE
(b) studying and analysing jobs performed in an NFFU PSHBOJ[BUJPOBM PCKFDUJWFT
FTUBCMJTINFOU CZ WBSJPVTBNTEBOTDMVEMoE JOH
JOUFSWJFXT XJUI XPSLFSTEFOTUVQZJSOWJUSPBSJOHEFFET BO
management, and writing detailed position, PG JOEJWJEVBMT BOE PSHBOJ[BUJP
job or occupation descriptions from informa- C TFUUJOH IVNBO SFTPVSDF EFWFMPQ
UJPO PCUBJOFE UJWFT BOE FWBMVBUJOH MFBSOJOH P
(c) preparing occupational information or D QSFQBSJOH BOE EFWFMPQ
working on occupational classi cation sys- training material and aids such as handbooks,
UFNT WJTVBM BJETPOMJOF UVUPSJBM
E BEWJTJOH BOE XPSLJOH models and supporting training reference
other aspects of job and occupational ana- EPDVNFOUBUJPO
lysis in such fields as personnel adminis- (d) designing, coordinating, scheduling and
tration, workforce research and planning, DPOEVDUJOH USBJOJOH- BOE EFWFM
training or occupational information and HSBNNFT UIBU DBO CF EFMJWFSFE JO
WPDBUJPOBM HVJEBODF JOEJWJEVBM BOE HSPV-Q JOTUSVDU
F TUVEZJOH BOE BEWJT-JOH tation workshops, briefings, demonstrations
ployment opportunities, career choices and BOE DPOGFSFODFT
further education or training that may be F MJBJTJOH XJUI FYUFSOBM USBJ
desirable. BSSBOHF EFMJWFSZ PG TQFDJmD USB
WFMPQNFOU QSPHSBNNFT

Examples of the occupations classi ed here: G QSPNPUJOH JOUFSOBM BOE FYUFSOE
$BSFFST BEWJTFS EFWFMPQNFOU BOE FWBMVBUJOH
)VNBO SFTPVSDF FYQFSU UJPOBM BDUJWJUJFT
Job analyst H NPOJUPSJOH BOE QFS-GPSNJOH PO
Occupational analyst BUJPO BOE BTTFTTNFOU PG JOUFSOBM
0VUQMBDFNFOU FYQFSU USBJOJOH RVBMJUZ BOE FGGFDU
Personnel specialist WJFXJOH BOE NPEJGZJOH USBJOJOH
Recruitment o cer NFUIPET BOE DPVSTF EFMJWFSBCMFT
Vocational guidance counsellor I HBUIFSJOH JOWFTUJHBUJO
background materials to gain an under-
TUBOEJOH PG WBSJPVT TVCKFDU NBUU
tems.

Unit Group 2424

Training and Staff Development Professionals

Examples of the occupations classi ed here:
4UBFEWFMPQNFOUPDFS
5SBJOJOH BOE TUBGG EFWFMPQNFOUPDFSSPGFTTJPOBMT
QMBO EFWFMPQ JNQMFNFOU 8PSLEGPSBMMEFWFMPQNFOUPSBOJ[BUJPOBMJOUIQFDJBMJ

Minor Group 243

Sales, Marketing and Public Relations Professionals

4BMFT NBSLFUJOH BOE QVCMJD SFMBUJPOTPFSQFSTPOBMTFMMJOHQMBOT
QSPHSBNNFTPG JOGPSNBUJPO EJTTFNJOBUJPOFEBOEQSPNPUJPOBMBDUJWJUJFTBOE
represent companies in selling a range of technical, industrial, medical, pharmaceutical and
*$5 HPPETBOE TFSWJDFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF NBJOUBJOJOHBOEJNQSPWJOH
UIF mOEJOHT BOE QMBOOJOH BEWFSUJTJOHBOETXFFUJOH
CVTJOFTT HSPXUI BOE EFWFMPQNFOUDMJFOUSFMBUJPOTIJQT-EQSPWJEJOHBDDO
KFDUJWFT QPMJDJFT BOE QSPHSBNNJOHTUZMFBOEQPHHEOTE BPSQEBSJT[JO
and selecting material submitted by writers, photographers, illustrators and others to create
GBWPVSBCMF QVCMJDJUZ BDRVJSJOHZBFSE VBQDEBUDJPOHQEOPXMFEH
HPPETBOE TFSWJDFT BOE PG NBSLFUJOHDEEEUJBPODFTFBTQMBTJOJDOHDBVC

EFNPOTUSBUJOH HPPET BOE TFSWJDFT TPMEUPQFDFUJWFMZ BOE FGGJDJFOUMZ UP FTUBCMJTI BOE BDU PO NBSLFUJOH PQQPSUVOJUJFT BTTFTT DVTUPNFST terms, and completing contracts.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBWF JDMBTTJGJFE JOUP UIF GPM

2431 Advertising and Marketing Professionals

2432 Public Relations Professionals

2433 Technical and Medical Sales Professionals (excluding ICT)

2434 Information and Communications Technology Sales Professionals

Unit Group 2431

Advertising and Marketing Professionals

"EWFSUJTJOH BOE NBSLFUJOH QSPGFTTJPOBMT QMBO BOE DPPSEJOBUF BEWFSUJTJOH paigns, determine the market for new goods and TFSWJDFT BOE JEFOUJGZ PQQPSUVOJUJFT GPS OFX BOE FYJTUJOH 5BTLT JODMVEF o

B QMBOOJOH EFWFMPQJOH BOE WFSJGZJOH BQQSPQSJBUF BEWFSUJTJOH QPMJDJFT BOE TUSBUFHJFT

C BEWJTJOH NBOBHFST BOE DMJFOUT and campaigns to reach target markets, cre- BUJOH DPOTVNFS BXBSFOFTT BOE QSFGFSFODF promoting the attributes of goods and ser- WJDFT

D XSJUJOH BEWFSUJTJOH BOE BSSBOHJOH UFMFWJTJPO BOE NFEJB QMBDFNFOU

(d) collecting and analysing data regarding con- TVNFS QBUUFSOT BOE QSFGFSFODFT

(e) interpreting and predicting current and GVUVSF DPOTVNFS USFOET

(f) researching potential demand and market DIBSBDUFSJTUJDT GPS OFX HPPET TFSWJDFT BOE FYJTUJOH H TVQQPSUJOH CVTJOFTTFT

NFOU UISPVHI UIF QSFQBSBUJPO PG NBSLFUJOH PCKFDUJWFT HSBNNFT

(h) commissioning and undertaking market re- search to identify market opportunities for OFX BOE FYJTUJOH HPPET BOE TFSWJDFT

J BEWJTJOH PO BMM FMFNFOUT PG QSPEVDU NJY QSJDJOH promotion, selling and distribution channels.

Examples of the occupations classi ed here:

"EWFSUJTJOH TQFDJBMJTU

.BSLFUJOH TQFDJBMJTU

.BSLFU SFTFBSDI BOBMZTU

Unit Group 2432

Public Relations Professionals

1QVCMJD SFMBUJPOT TQFDJBMJTUT BOE BTTPDJBUF QSPGFTTJPOBMT TQFDJBMJTJOH JO GPSNBUJPO nication strategies that create an understanding

BOE EFWFMPQJOH PSHBOJ[BUJPOBM QPMJDJFT UP QSPNPUF HPPEXJMM BOE GB role in the community.

(a) planning and organizing public relations campaigns

(b) analysing and advising on the implications of their policies, programmes and practices, and preparing and distributing UIF JTTVF PG OFXT BOE QSFTT SFMFBT

(c) undertaking and commissioning public opinion research, and analysing and reporting results and recommending public relations and promotional DBNQBJHOT

E QSPNPUJOH TQFDJBM FWFOUT TVDI BT competitions and social functions UP QSPNPUF HPPEXJMM BOE GBNJMJBSJUZ

(e) representing organizations and arranging in- terviews, briefings and other events

(f) attending business, social and other functions

(g) composing and obtaining photographs

I TFMFDUJOH BQQSBJTJOH BOE SFW submitted by publicity writers, photogra- phers, illustrators and others to create fa- WPVSBCMF QVCMJDJUZ BOE TBMFT

Examples of the occupations classi ed here:

Press liaison o cer

Publicity agent

Public relations copy writer

Public relations o cer

Unit Group 2433

Technical and Medical Sales Professionals (excluding ICT)

5F DIOJDBM BOE NFEJDBM -TBMFT QSPGFTTJPOBMT BSF SFTQPOTJCMF GPS TFMMJOH BOE EFNPOTUSBUJOH UIF VTF PG HPPET BOE TFSWJDFT UP JOEVTUSJBM DPNNFSDJBM BOE QSPGFTTJPOBM BOE PUIFS FTUBCMJTINFOUT

5BTLT JODMVEF o

B DPNQJMJOH MJTUT PG QSPEVDUT TFSWJDFT BOE QSJDFT UP CF PGGFSFE CZ WBSJPVT EJTDPVOUJOH BOE WBMVF BEEJOH TDIFNFT

C BDRVJSJOH BOE VQEBUJOH LOPXMFEHF PG HPPET UP SFUBJM, XIPMFTBMF BOE PUIFS FTUBCMJTINFOUT

D WJTJUJOH SFHVMBS -BOE DPOUBDUJOH DVTUPNFST UP CVJME SFMBUJPOTIJQT BOE JEFOUJGZ OFX CVTJOFTT PQQPSUVOJUJFT

(d) assessing clients needs and resources and recommending appropriate goods or services

F QSPWJEJOH JOGPSNBUJPO UP DVTUPNFST PO HPPET PS TFSWJDFT NBSLFUFE BOE PO UIF PGGFS PG GPSNBM DPOUSBDUT

G EFWFMPQJOH SFQPSUT BOE QSFTFOUBUJPOT UP EFNPOTUSBUF CFOFmUT PG HPPET PS TFSWJDFT

(g) estimating costs of installing and maintaining equipment or services

(h) monitoring customers changing needs and developments in the marketplace

J RVPUJOH BOE OFHPUJBUJOH QSJDFT UFSNT BOE DPOEJUJPOT PG TBMFT DPOUSBDUT

K BSSBOHJOH EFMJWFSZ PG HPPET BOE UIF QSPWJTJPO PG TFSWJDFT

(k) reporting to sales management on sales made and the marketability of products

(l) consulting with clients after sale to ensure a satisfactory resolution of any problems, and

QSPWJEF POHPJOH TVQQPSU

Examples of the occupations classi ed here:

4BMFT SFQSFTFOUBUJWF JOEVTUSJBM QSPEVDUT

4BMFT SFQSFTFOUBUJWF NFEJDBM BOE pharmaceutical products)

5FDIOJDBM TBMFT SFQSFTFOUBUJWF

Some related occupations classi ed elsewhere:

4BMFT SFQSFTFOUBUJWF DPNNVOJDBUJPOT UFDIOPMPHZ o

4BMFT SFQSFTFOUBUJWF DPNQVUFST o

$PNNFSDJBM TBMFT SFQSFTFOUBUJWF o

Unit Group 2434

Information and Communications Technology Sales Professionals

Information and Communications Technology Sales Professionals sell information and communications technology products and services to retail, industrial, wholesale and other establishments.

Tasks include:

(a) soliciting orders and selling goods

C QSFQBSJOH TBMFT DPOUSBDUT JOWPMWJOH UFDIOJDBM BOE DPNQMFY QSPEVDUT BOE TFSWJDFT

D EJTDVTTJOH UIF PGFFT PG OFX DVTUPNFST BOE QSPWJEJOH TQFDJBMJTU BEWJDF

(e) updating customer records and preparing terms, and completing contracts and reports

G BSSBOHJOH EFMJWFSZ PG HPPET PS TFSWJDFT

H SFQPSUJOH DVTUPNFST SFBDUJPOT UP TBMFT NBOBHFNFOU

Examples of the occupations classi ed here:

4BMFT SFQSFTFOUBUJWF DPNNVOJDBUJPOT technology)

4BMFT SFQSFTFOUBUJWF DPNQVUFST

Some related occupations classi ed elsewhere:

4BMFT SFQSFTFOUBUJWF JOEVTUSJBM QSPEVDUT

4BMFT SFQSFTFOUBUJWF NFEJDBM BOE pharmaceutical products)

5FDIOJDBM TBMFT SFQSFTFOUBUJWF

Some related occupations classi ed elsewhere:

4BMFT SFQSFTFOUBUJWF DPNNVOJDBUJPOT UFDIOPMPHZ o

4BMFT SFQSFTFOUBUJWF DPNQVUFST o

$PNNFSDJBM TBMFT SFQSFTFOUBUJWF o

Sub-ma~or Group 25

Information and Communications Technology Professionals

*OGPSNBUJPO BOE DPNNVOJDBUJPOT UFSDHTOPBMSPDHZ QMBG FTETFJTPJOHBOMT
XSJUF UFTU QSPWJEF BEWJDF BOE TXQUSPNWF JBSGEPXSBNSBFU JF EGUFXDBISOF
BOE SFMBUFE DPODFQUT GPS TQFDJmEBQVMFOHBUJPOT JEFDWMFWFJQHBTQT
DJQMFT QPMJDJFT BOE QSPDFEVSFT PS QSPDFTTJOH PG JOGPSNBUJPO
and other information systems to ensure optimal performance and data integrity and security.

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTTEFVCSFNTBFKEPSSDHJSOPHVQOVGTRVSBNVEM
UJPO UFDIOPMPHZ VTF JO CVTJOFTT GNVQSPWJEOFOUEBFOEJSGFZFOHSDBISJF
UIF UIFPSFUJDBM BTQFDUT BOE PQFSBUJOBMT NFUIPEPMPHJFT BOE QSBDUJDFT
ning and designing hardware or software con gurations for speci c applications including
GPS *OUFSOFU *OUSBOFU BOE NVMUJNFEJB JTZTUFNT NEBFTDJUHBOJDOI
DPNQVUFS QSPHSBNT EFTJHOJOH EBGEBEFWFMPQJOH BOE JNQMFNFOUJOH
NFOU TZTUFNT EFWFMPQJOH BOE JNQMFNFOUJOH UTFBDWJSPJOZQEMBD
BOE BENJOJTUFSJOH DPNQVUFS OFUXPSLTFBOE SBFOMBNUZFJOFNGEVWJFO
PQJOH JOUFSQSFUJOH BOE FWBMVBUJOHDPNQVUFS TPGUXBSF
NPEFMT BOE EJBHSBNT JO UIF EFWFMPBQNFOUPGDBEPmQWSBSJTZOUBFONET

0DDVQBUJPOT JO UIJT TVC NBKPS HBRVQHBNJFODPMBHTFmQE JOUP UIF

251 Software and Applications Developers and Analysts

252 Database and Network Professionals

Minor Group 251

Software and Applications Developers and Analysts

4PGUXBSF BOE BQQMJDBUJPOT EFWFMPQFSTEBQEMBOBMZTUJHDPQXESV
UFTU QSPWJEF BEWJDF PO BOE JNQSFNWFTVOGBSTNIBUSJEPXBSUFDTOEMP
XBSF BOE PUIFS BQQMJDBUJPOT UP NFUFUOTUQEJSGDPSTNFBVDJSFNJFOONP
PDDVQBUJPOT JO UIJT TVC NBKPS HUSIPV4QS SFTRLVJMMTMTFLWJMMMT BU UIF

5BTLT QFSGPSNFE VTVBMMZ JODMVEFMPSHFZFVETFDJOCCHVJOCGPTTNBUVDPDUP
BOE JEFOUJGZJOH BSFBT JO XIJDI JNQSJNWFFNFOUTUDWVFMOE TCFNDEEFGU
mDJFODZ DPOEVDUJOH SFTFBSDI JEOUPQUSIBUUIFOBMUNJEUBMPBTTQPTUIP
PG DPNQVUFST FWBMVBUJOH QMBOGUXHBSBFOEFGmHVSJBOUHPBTEXPSSF
DJmD BQQMJDBUJPOT EFTJHOJOEPNXQSVUFSHQSPHFSTBUNTOHGBSOEQNFBDJ
SFRVJSFNFOUT FWBMVBUJOH QMBBOOFOUJBOHENOVEUEJNTFJHUGJTZHU*FONUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBVSE JDUMBSTFVQFE JOUP UIF GPM

2511 Systems Analysts

2512 Software Developers

2513 Web and Multimedia Developers

2514 Applications Programmers

2519 Software and Applications Developers and Analysts Not Elsewhere Classified

Unit Group 2511

Systems Analysts

Systems analysts conduct research, analyse and
FWBMVBUF DMJFOU JOGPSNBUJPOT PS QSPCMFNT
NFOUT QSPDFEVSFT PS QSPDFTTFT TFFL QSBDUJDFT
implement proposals, recommendations and D JEFOUJGZJOH BOE FWBMVBUJOH JO
QMBOT UP JNQSPWF DVSSFOUBSNEGMJOHUSMBUSBDFUSJPO
systems.

5BTLT JODMVEF o

(a) consulting with users to formulate document
SFRVJSFNFOUT BOE XJUI NBOBHFNFOU
BHSFFNFOU PO TZTUFNT QSJODJQMFT
(b) identifying and analysing business processes,
BOE TZTUFN GVODUJPOBMJUZ BOE C

(d) taking responsibility for deploying functional solutions, such as creating, adopting BOE JNQMFNFOUJOH TZTUFN UTF FWFMPQFS F EFWFMPQJOH GVODUJPOBM TQFDJmDBUJPOT GPS VTF CZ TZTUFNT EFWFMPQFST G FYQBOEJOH PS NPEJGZJOH XPSLnPX PS TFSWFS OFX QVSQPTFT

(g) coordinating and linking the computer systems within an organization to increase compatibility.

Examples of the occupations classi ed here:
#VTJOFTT BOBMZTU *5
Computer scientist
Information systems analyst
Systems consultant
4ZTUFNT EFTJHOFS *5

Some related occupations classi ed elsewhere:
4ZTUFNT BENJOJTUSBUPS o
$PNNVOJDBUJPOT BOBMZTUT
/FUXPSL BOBMZTU o

Unit Group 2512
Software Developers

4PGUXBSF EFWFMPQFST SFTFBSDI BOE EFWFMPQ VBUF SFRVJSFNFOUT GPS applications and operating systems, and design, EFWFMPQ UFTU BOE NBJOUBJO NFFU UIFTF SFRVJSFNFOUT 5BTLT JODMVEF o
B SFTFBSDIJOH BOE EFWFMPQJOH SFRVJSFNFOUT GPS TPGUXBSF PQFSBUJOH TZTUFNT
C SFTFBSDIJOH EFTJHOJOH QVUFS TPGUXBSF TZTUFNT
D DPOTVMUJOH XJUI FOHJOFFST JOUFSGBDFT CFUXFFO IBSEXBSF BOE TPGUXBSF
E EFWFMPQJOH BOE EJSFDUJOH TPGUXBSF QSPDFEVSFT PMPHJFT BOE EFWFMPQNFOU QMBOT
F NPEJGZJOH FYJTUJOH TPGUXBSF UP DPSSFDU FSSPST to adapt it to new hardware or to upgrade JOUFSGBDFT BOE JNQSPWF QFSGPSNBODF
G EJSFDUJOH TPGUXBSF QSPGFTTJPOBMT PQFSBUJPOT BOE QSPDFEVSFT H BTTFTTJOH EFWFMPQJOH VQHSBEJOH BOE QSPWJEJOH menting maintenance procedures for operBUJOH TZTUFNT DPNNVOJDBUJPOT BOE BQQMJDBUJPOT TPGUXBSF

(h) consulting with customers concerning maintenance of software systems.

Examples of the occupations classi ed here:
Programmer analyst
Software designer
4PGUXBSF EFWFMPQFS
Software engineer
F EFWFMPQJOH GVODUJPOBM TQFDJmDBUJPOT GPS VTF CZ TZTUFNT EFWFMPQFST
G FYQBOEJOH PS NPEJGZJOH TZTUFN TPGUXBSF UP JNQSPWF QFSGPSNBODF XPSLnPX PS TFSWFS OFX QVSQPTFT

Some related occupations classi ed elsewhere:
'QTQZTUFNT JOUFHSBUPS o
QSPHSBNNFS

Unit Group 2513
Web and Multimedia Developers

8FC BOE NVMUJNFEJB EFWFMPQNFOU QS combine design and technical knowledge to reTFBSDI BOBMZTF FWBMVBUF EFTJHO modify websites and applications that draw toHFUIFS UFYU HSBQIJDT BOJNBUJPOT JN BOE WJEFP EJTQMBZT BOE PUIFS JOUF 5BTLT JODMVEF o
4PGUXBSF BENJOJTUSBUPS EPNBJO OBNF [STTJOH EFTJHOJOH BOE EFWFM
$PNNVOJDBUJPOT BOBMZTUT JDDFTT QCVSBSQTQMZJOH B NJYUVSF PG E DSFBUJWJUZ XJUI TPGUXBSF QSP scripting languages and interfacing with opFSBUJOH FOWJSPONFOUT
C EFTJHOJOH BOE EFWFMPQJOH EJ tions, imaging, presentations, games, audio BOE WJEFP DMJQT BOE *OUFSOFU B using multimedia software, tools and utiliUJFT JOUFSBDUJWF HSBQIJDT BOE Q
D DPNNVOJDBUJOH XJUI DMJFOUT BOE TQFDJBMJTUT SFHBSEJOH XFC SFMBUFE JTTVFT TVDI BT TFDVSJUZ IPTUJOH XFCTJUFT QSPWJEJOH UFDIOJDBM BTTJTUBODF BOE USBJOJOH
E DPNNVOJDBUJOH XJUI VTFST UP DPOUSPM BDDFTT BOE QSPWJEF UFDIOJDBM BTTJTUBODF
F NPEJGZJOH FYJTUJOH TPGUXBSF UP DPSSFDU FSSPST BOE JNQSPWF QFSGPSNBODF
G EJSFDUJOH TPGUXBSF QSPGFTTJPOBMT PQFSBUJPOT BOE QSPDFEVSFT H BTTFTTJOH EFWFMPQJOH VQHSBEJOH BOE QSPWJEJOH menting maintenance procedures for operBUJOH TZTUFNT DPNNVOJDBUJPOT BOE BQQMJDBUJPOT TPGUXBSF

(h) consulting with customers concerning maintenance of software systems.

Examples of the occupations classi ed here:
Computer Games Programmer
*OUFSOFU EFWFMPQFS
Software engineer
Website architect
8FCTJUF EFTJHOFS
8FCNBTUFS

Some related occupations classi ed elsewhere:
8FCTJUF EFTJHOFS o
8FCNBTUFS o
8FCTJUF BENJOJTUSBUPS o
8FCTJUF UFDIOJDJBO o

Unit Group 2514

Applications Programmers

"QQMJDBUJPOT QSPHSBNNFST XSJUF BOE NBJOUBJO programmable code outlined in technical instructions and speci cations for software applications and operating systems.

5BTLT JODMVEF o

(a) writing and maintaining program code outlined in instructions and speci cations in ac-
DPNCJOBUJPO XJUI RVBMJUZ BDDFQUBODF DSJUFSJB
(b) C SFWJTJOH SFQBJSJOH PS FYUFOEJOH FYJTUJOH
programs to increase operating e ciency or
BEBQU UP OFX SFRVJSFNFOUT
(c) conducting trial runs of programs and software applications to con rm that they will
QSPEVDF UIF EFTJSFE JOGPSNBUJPO
(d) compiling and writing documentation of
QSPHSBN EFWFMPQNFOU
(e) identifying and communicating technical problems, processes and solutions.

Example of the occupations classi ed here:

"QQMJDBUJPOT QSPHSBNNFS

Some related occupations classi ed elsewhere:

1SPHSBNNFST BOBMZTU o
4PGUXBSF EFWFMPQFS o
.VMUJNFEJB QSPHSBNNFS o

Unit Group 2519

Software and Applications Developers and Analysts Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST TPGUXBSF BOE
EFWFMPQFST BOE BOBMZTUT OPU DMBTT
JO .JOPS (SPVQ 4PGUXBSF BOE "QQ
%FWFMPQFST BOE "OBMZTUT '
group includes those professionals specializing
JO RVBMJUZ BTTVSBODF JODMVEJOH T
*SOFEJVDFEBUBUBFOUSBSET XPVME JODMVE
EFWFMPQFST BOE BOBMZTUT OPU DMBTT
QMBOT
(b) installing software and hardware and conguring operating system software in prep-
BSBUJPO GPS UFTUJOH
QSPHSBNT GVODUJ
UP VTFS SFRVJSFNFOUT BOE FTUB
MJOFT
E FYFDVUJOH BOBMZTJOH BOE EPDVNFO
of software application tests and information
BOE UFMFDPNNVOJDBUJPO TZTUFNT U
F EFWFMPQJOH BOE JNQMFNFOUJOH T
information system testing policies, procedures and scripts.

Examples of the occupations classi ed here:

Quality assurance analyst (computers)
Software tester
Systems tester

Minor Group 252

Database and Network Professionals

%BUBCBTF BOE OFUXPSL QSPGFTTJPOBMT EFTJHO BOE QSPWJEF PQ
timal performance and security of information technology systems and infrastructure, including databases, hardware and software, networks and operating systems.

5BTLT QFSGPSNFE
UVTFT EJBUJPOBSJFT BOE
TUSVDUJOH
EFWFMPQJOH BOE
TUBOEBSET
SPONFOUT
integration of computer systems.

0DDVQBUJPOT JO UIJT NJOPS HSPVQIBWF

2521 Database Designers and Administrators

2522 Systems Administrators

2523 Computer Network Professionals

2529 Database and Network Professionals Not Elsewhere Classified

Unit Group 2521

Database Designers and Administrators

% B U B C B T F E F T J H O F S T B O E E F W F M P Q D P O U S P M N B J O U B J O T optimal performance and security of databases.

5 B T L S J O D M V E F o

B E F T J H O J O H B O E E F W F M P Q J O H E B U B C B T F B S D I T U U F D ture, data structures, tables, dictionaries and O B N J O H D P O W F O U J P O T G P S J O G P S N B U J P O Q S P K F D U T

(b) designing, constructing, modifying, integrating, implementing and testing database N B O B H F N F O U T Z T U F N S

D D P O E V D U J O H S F T F B S D I B O E Q S P W J E I N G B D E W J D F on the selection, application and implemen- U B U J P O P G E B U B C B T F N B O B H F N F O U U P P M S

E E F W F M P Q J O H B O E J N P M F N F O U J O H E B U B B E N J O J S T tration policy, documentation, standards and N P E F M T

F E F W F M P Q J O H Q P M J D J F S database access and usage and for the backup B O E S F D P W F S Y P G E B U B

(f) performing the operational establishment B O E Q S F W F O U J W F N B J O U F O B O D F O T E C H N I C A L A N D D E V E L O P M E N T S T R A T E G I E S F O R S F D P W F S Y Q S P D F E V S F T and integrity controls.

Examples of the occupations classi ed here:

% B U B B E N J O J T U S B U P S

% B U B C B T F B E N J O J T U S B U P S

% B U B C B T F B O B M Y Z T

% B U B C B T F B S D I J U F D U

Some related occupations classi ed elsewhere:

/ F U X P S L B E N J O J T U S B U P S o

4 Y S T U F N S B E N J O J T U S B U P S

8 F C N B T U F S o

8 F C T J U F B E N J O J T U S B U P S o

Unit Group 2522

Systems Administrators

4 Y S T U F N S B E N J O J T U S B U P S T E F W F M P Q J F D I N F O U S P M N B J O tain and support the optimal performance and security of information technology systems.

5 B T L S J O D M V E F o

(a) maintaining and administering computer O F U X P S L S B O E S F M B U F D P O m H V S B U J P O S

C S F D P N N F O E J O H D I B O H F T U P U J N P S F W F S I Z B U F E N B J O U F O B O D F J O T U and network configurations, and deter- N J O J O H I B S E X B S F P S T P G U X B S F S F M B U F E U P T V D I D I B O H F T

D E J B H O P T J O H I B S E X B S F B O E T P G U X B S

(d) performing data backups and disaster re- D P W F S Y P Q F S B U J P O S

(e) E N J O J T U S B U P S T O E F T J H O operating master schedules to monitor the O performance of computer systems and net- Q works, and to coordinate computer network access and use.

Examples of the occupations classi ed here:

Network administrator

Systems administrator (computers)

Some related occupations classi ed elsewhere:

% B U B C B T F B E N J O J T U S B U P S o

/ F U X P S L B O B M Y Z T U o

8 F C N B T U F S o

8 F C T J U F B E N J O J T U S B U P S o

8 F C T J U F U F D I O J D J B O o

Unit Group 2523

Computer Network Professionals

Computer network professionals research, analyse, design, test and recommend strategies for B O E U P P M S I J T F D V S F Z B O E E F W implement, manage, maintain and configure network hardware and software, and monitor, troubleshoot and optimize performance.

5 B T L S J O D M V E F o

B O B M Y Z J O H E F W F M P Q J O H J O U F tecture speci cations, data models and dia- H S B N S J O U I F E F W F M P Q N F O U D P O m H V J O U F H S B U J P O P G D P N Q V U F S T Z S T E N S

C S F T F B S D I J O H B O B M Y Z J O H F W B M V B U networks are con gured to operate at op- U J N B M Q F S G P S N B O D F

D B T T F T T J O H B O D S F D P N N F O E J O H J N Q to network operations and integrated hard- B U J O H T Z S T E N S

E Q S P W J E J O H T Q F D J B M J T U T L J M M S J O troubleshooting network problems and emer- E P D V N F O U B U J P O G P S O F U X P S L J O W F recording diagnosis and resolution of net- H N P O J U P S J O G O F U X P S L U S B D B O E work faults, enhancements and modi cations

B C E F W F S I Z T Y S T E N B J O U F O B O D F J O T U

(f) E preparing and maintaining procedures and

a S E A V I S E U E N C U E integrity and optimal network performance.

Examples of the occupations classi ed here:
Communications analyst (computers)
Network analyst

Some related occupations classi ed elsewhere:
4ZTUFNT BOBMZTU o /FUXPSL BENJOJTUSBUPS (

Unit Group 2529

Database and Network Professionals Not Elsewhere Classified

5IJT VOJU HSPVQ JODMVEFT EBUBCBTF BOE QSPDFTTJOH EBUB QSPGFTTJPOBMT OPU DMBTTJmFE FMTFXIFSF JO (SPVQ %BUBCBTF BOE /FUXPSL 1SPGFTTJPOBMT

For instance, the group includes information and communications technology security specialists.

*O TVDI DBTFT UBTLT XPVME tailed digital transfers.

B EFWFMPQJOH QMBOT UP TBGFHVBSE DPNQVUFS mMFT against accidental or unauthorized modi cation, destruction or disclosure and to meet FNFSHFODZ EBUB QSPDFTTJOH %JHJUBM GPSFOTJD TQFDJBMJTU

(b) training users and promoting security awareness and to improve TFSWFS BOE OFUXPSL F DJFODZ

(c) conferring with users to discuss issues such BT DPNQVUFS EBUB BDDFTT OFFET T MBUJPOT BOE QSPHSBNNJOH DIBOHFT E NPOJUPSJOH DVSSFOU SFQPSUT SVTFT UP EFUFSNJOF XIFO UP VQEBUF UFDUJPO TZTUFNT

(e) modifying computer security les to incorporate new software, correct errors or change JOEJWJEVBM BDDFTT TUBUVT

(f) monitoring use of data files and regulate access to safeguard information in computer m MFT

H QFSGPSNJOH SJTL BTTFTTNFOU tests of data processing system to ensure

(P) Encrypting data transmissions and erecting rewalls to conceal con dential information as it is being transmitted and to keep out unauthorized users.

Examples of the occupations classi ed here:
%BUB NJOFS
%JHJUBM GPSFOTJD TQFDJBMJTU
4FDVSJUZ TQFDJBMJTU *$5

Sub-ma~or Group 26

Legal, Social and Cultural Professionals

-FHBM TPDJBM BOE DVMUVSBM QSPGFTTJPOBMT QFSGPSN UIPTF QSPGFTTJPOBM UBTLT JOWPMWJOH UIF BQQMJDBUJPO PG TZTUFNBUJD LOPXMFEHF BOE DPNQMFY JEFBT UP TPDJBM BOE DVMUVSBM QSPCMFNT BOE TJUVBUJPOT 5IJT JODMVEFT UIF DPMMFDUJPO BOE BOBMZTJT PG JOGPSNBUJPO BOE BSUFGBDUT QTZDIPMPHZ TPDJBM XFMGBSF QPMJUJDT FDPOPNJDT IJTUPSZ SFMJHJPO MBOHVBHFT TPDJPMPHZ PUIFS TPDJBM TDJFODFT BOE BSUT BOE FOUFSUBJONFOU 5IJT JODMVEFT UIF DPMMFDUJPO BOE BOBMZTJT PG JOGPSNBUJPO BOE BSUFGBDUT QTZDIPMPHZ TPDJBM XFMGBSF QPMJUJDT FDPOPNJDT IJTUPSZ SFMJHJPO MBOHVBHFT TPDJPMPHZ PUIFS TPDJBM TDJFODFT BOE BSUT BOE FOUFSUBJONFOU DPNQFUFOU QFSGPSNBODF JO UIFTF BOE TJNJMBS PDDVQBUJPOT JO UIJT TVCNBKPS HSPVQ SFRVJSFT B IJHI MFWFM PG MJUFSBDZ BOE OVNFSBDZ TLJMMT

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TFDUPS NBZ JOWPMWF UIF BQQMJDBUJPO PG TQFDJBMJTFE LOPXMFEHF BOE DPNQMFY JEFBT UP TPDJBM QSPCMFNT BOE TJUVBUJPOT 5IFZ NBZ BOBMZTF JOGPSNBUJPO BOE BSUFGBDUT JO B DPNQMFY TUSVDUVSFE NBOOFS JOWPMWJOH DBTFT JO B DPVSU PS USJCVOBM PS JOWPMWJOH NBOBHFNFOU PG JOGPSNBUJPO TZTUFNT JODMVEJOH EFWFMPQJOH BOE NBJOUBJOJOH EBUBCBTFT 5IFZ NBZ BMTP CF JOWPMWFE JO DPOEVDUJOH SFTFBSDI JOUP UIF mFME PG TPDJBM TDJFODF PS EFWFMPQJOH DPODFQUT PS UIFPSJFT PG IVNBO CFIBWJPVS BOE TPDJFUZ 5IFZ NBZ BMTP CF JOWPMWFE JO QSPWJEJOH PS EFWFMPQJOH DPOTVMUBODZ TFSWJDFT UP UIF mFME PG TPDJBM TDJFODF PS SFMBUFE BSFBT 5IFZ NBZ BMTP CF JOWPMWFE JO QSFQBSJOH SFQPSUT PO TPDJBM TDJFODF JTTVFT BOE QSPCMFNT BOE JO QSFTFOUJOH UIFTF UP UIF QVCMJD

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF

- **261 Legal Professionals**
- **262 Librarians, Archivists and Curators**
- **263 Social and Religious Professionals**
- **264 Authors, Journalists and Linguists**
- **265 Creative and Performing Artists**

Minor Group 261

Legal Professionals

-FHBM QSPGFTTJPOBMT DPOEVDU SFTFBSDI BOBMZTFT BOE BEWJDF PO MFHBM QSPCMFNT BOE TJUVBUJPOT 5IFZ NBZ QSFQBSF MFHBM EPDVNFOUT TVDI BT DPOUSBDUT BOE XJMMT BOE QSFQBSF DBTFT GPS DPVSU PS PUIFS MFHBM QSPDFFEJOHT 5IFZ NBZ BMTP ESBGU MFHJTMBUJPO BOE SFHVMBUJPOT 5IJT JODMVEFT UIF DPMMFDUJPO BOE BOBMZTJT PG JOGPSNBUJPO BOE BSUFGBDUT QTZDIPMPHZ TPDJBM XFMGBSF QPMJUJDT FDPOPNJDT IJTUPSZ SFMJHJPO MBOHVBHFT TPDJPMPHZ PUIFS TPDJBM TDJFODFT BOE BSUT BOE FOUFSUBJONFOU 5IJT JODMVEFT UIF DPMMFDUJPO BOE BOBMZTJT PG JOGPSNBUJPO BOE BSUFGBDUT QTZDIPMPHZ TPDJBM XFMGBSF QPMJUJDT FDPOPNJDT IJTUPSZ SFMJHJPO MBOHVBHFT TPDJPMPHZ PUIFS TPDJBM TDJFODFT BOE BSUT BOE FOUFSUBJONFOU DPNQFUFOU QFSGPSNBODF JO UIFTF BOE TJNJMBS PDDVQBUJPOT JO UIJT NJOPS HSPVQ SFRVJSFT B IJHI MFWFM PG MJUFSBDZ BOE OVNFSBDZ TLJMMT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF

- **2611 Lawyers**
- **2612 Judges**
- **2619 Legal Professionals Not Elsewhere Classified**

Unit Group 2611

Lawyers

-BXZFST HJWF DMJFOUT MFHBM BEWJDF BOE XJUOFTTT XBSSBOUZ PG TVCKFDUT FFS BFXWBMQVBMUFJOHBHmOEEPJDVHNTBOEFTEFWFMPQ SFQSFTFOU DMJFOUT CFGPSF Based upon their knowledge and application of PS tribunals and plead cases or conduct prosecu- UJPO PG DBTFT tions in courts of justice, or instruct barristers (e) pleading clients cases before courts of law, to plead in higher courts of justice. USJCVOBMT BOE BENJOJTUSBUJWF C

5BTLT JODMVEF o structing barristers to plead in higher courts

B HJWJOH DMJFOUT MFHBM BEWJDF PO BTQFDUT of subjects and undertaking legal business on (f) accepting briefs and pleading in the higher DMJFOUT CFIBMG DPVSU

(b) researching legal principles, statutes and pre- H BDUJOH BT QSPTFDVUPS PO CFIBMG WJPVT DPVSU EFDJTJPOT SFMBUFE UP TQFDJmD DBTFT

D HBUIFSJOH FWJEFODF UP GPSNVMBU to initiate legal actions, by such means as in- UFSWJFXJOH DMJFOUT BOE XJUOFTT

(h) negotiating settlements in matters which involve legal disputes;

(j) drawing up legal documents such as contracts, real estate transactions and wills and preparing statements of legal opinions.

Examples of the occupations classi ed here:
"UUPSOFZ
Barrister
Lawyer
Prosecutor
Solicitor

Some related occupations classi ed elsewhere:
/PUBSZ o
$POWFZBODJOH DMFSL o
-BX DMFSL o

Unit Group 2612
Judges

(b) interpreting and enforcing rules of procedure and making rulings regarding the admissibility of evidence;

(c) determining the rights and obligations of the parties and the procedures to be followed;

(d) instructing the jury on points of law that are

jury trials and deciding legal guilt or innocence or degree of liability of the accused or

criminal cases, determining damages or

(g) researching legal issues and writing opinions on the issues.

Examples of the occupations classi ed here:
Chief justice
Judge
.BHJTUSBUF

Some related occupations classi ed elsewhere:
$PVSU DMFSL o
+VTUJDF PG UIF QFBDF o

Unit Group 2619
Legal Professionals Not Elsewhere Classified

Professionals. For instance, the group includes those who perform legal functions other than judicial proceedings.

Examples of the occupations classi ed here:
Notary

Minor Group 262
Librarians, Archivists and Curators

museums, art galleries and similar establishments.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBTTJGJFE JOUP UIF GPM

2621 Archivists and Curators

2622 Librarians and Related Information Professionals

Unit Group 2621
Archivists and Curators

"SDIJWJTUT BOE DVSBUPST DPMMFDU BQQSBJTF BOE FOTVSF UIF TBGFLFFQJOH BOE QSFTFSWBUJPO PG UIF DPOUFOUT PG BSDIJWFT BSUFGBDUT BOE SFDPSET PG IJTUPSJDBM DVMUVSBM BENJOJTUSBUJWF BOE BSUJTUJD JOUFSFTU BOE PG BSU BOE EFTJHO EFWJTF BOE JNQMFNFOU TZTUFNT GPS UIF TBGFLFFQJOH PG SFDPSET BOE IJTUPSJDBM BSUJGBDUT 5BTLT JODMVEF o

B FWBMVBUJOH BOE QSFTFSWJOH IJTUPSJDBM NJOJTUSBUJWF PUIFS QVSQPTFT

(b) directing or carrying out the preparation of JOEFYFT CJCMJPHSBQIJFT other reference aids to the collected material BOE NBLJOH UIFN BWBJMBCMF

(c) researching the origin, distribution and use of materials and objects of cultural and his- UPSJDBM JOUFSFTU

E PSHBOJ[JOH EFWFMPQJOH lections of artistic, cultural, scienti c or his- UPSJDBMMZ TJHOJmDBOU JUFNT

(e) directing or undertaking classi cation and cataloguing of museum and art gallery col- MFDUJPOT BOE PSHBOJ[JOH FYIJCJUJPOT

(f) researching into, appraising, organizing and QSFTFSWJOH IJTUPSJD- BMMZ TJHOJmDBOU BCMF EPDVNFOUT TVDI BT QSJWBUF QBQFST QIPUPHSBQIT TDSJQUT BOE BVEJPWJTVBM NBUFSJBM

H QSFQBSJOH TDIPMBSMZ QBQFST

(h) planning and implementing the computer- J[FE NBOBHFNFOU PG BSDIJWBM SFDPSET

J PSHBOJ[JOH FYIJCJUJPOT HBMMFSJFT QVCMJDJ[JOH special displays for general, specialized or FEVDBUJPOBM JOUFSFTU

K BQQSBJTJOH BOE BDRVJSJOH UP CVJME BOE EFWFMPQ BO BSDIJWBM DPMMFDUJPO for research purposes.

Examples of the occupations classi ed here:
"SDIJWJTU
"SU HBMMFSZ DVSBUPS
.VTFVN DVSBUPS
Records manager

Unit Group 2622
Librarians and Related Information Professionals

Librarians and related information professionals DPMMFDU TFMFDU EFWFMPQ PSHBOJ[F Library collections and other information repositories BOE QSPWJEF JOGPSNBUJPO GPS VTFST 5BTLT JODMVEF o

NJDPSSPHBOJTNT EJTQPTF BOE NBJOUBJO systematic collection of books, periodicals UBMMZ SFDPSEFE NBUFSJBM

C TFMFDUJOH BOE SFDPNNFOEJOH BDP CPPLT BOE PUIFS QSJOUFE PS BVEJPW

(c) organizing, classifying and cataloguing li- CNSTBSZ NBUFSJBM

(d) managing library borrowing and interlibrary MPBO GBDJMJUJFT BOE JOGPSNBUJPO tion to business and other users based on the collection, storage and dissemination of

(e) conducting research and analysing or modi- GJOBODJBM JOGPSNBUJPO TP

H EFWJTJOH BOE JNQMFNFOUJOH TDIF computer models for the storage, organization, DMBTTJmDBUJPO BOE SFUSJFWBM PG media reference searches, making inter- library loans and performing other functions

K BTTJTU VTFST JO BDDFTTJOH MBUFSJBMT

Examples of the occupations classi ed here:
Bibliographer
Cataloguer
Librarian

Minor Group 263
Social and Religious Professionals

4PDJBM BOE SFMJHJPVT QSPGFTTJPOBM BOE BTTPDJBUF QSPGFTTJPOBM NFUIPET BQQMZ LOPXMFEHF BOE TLJMMT JO UIF GJFMET PG KVTUJDF SFMJHJPO BOUISPQPMPHZ IJTUPSZ QTZDIPMPHZ PS TPDJBM TDJFODF UP UIFPMPHJDBM TUVEJFT BOE GBNJMJFT JO B DPNNVOJUZ

5BTLT QFSGPSNFE VTVBMMZ JODMVEF JOGPSNBUJPO GPS TUVEFOUT PS PUIFS QFSTPOT FDPOPNJD QPMJUJDBM PS TPDJBM QSPCMFNT

BOE USBDJOH UIF PSJHJO BOE FWPMVUJPO PG PUIFS XPSLFST NBZ CF JODMVEFE

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYEJDBTFTJOFE JOUP UIF GPM

2631 Economists

2632 Sociologists, Anthropologists and Related Professionals

2633 Philosophers, Historians and Political Scientists

2634 Psychologists

2635 Social Work and Counselling Professionals

2636 Religious Professionals

Unit Group 2631

Economists

Economists conduct research, monitor data, analyse information and prepare reports and plans UP SFTPMWF FDPOPNJD BOE CVTJOFTT JTTVFT BOE EFWFMPQ NPEFMT UP BOBMZTF FDPOPNJD CFIBWJPVS BOE QBUUFSOT BEWJDF UP CVTJOFTT JOUFSFTU HSPVQT BOE HPWFSONFOUT UP GPSNVMBUF TPMVUJPOT UP QSFTFOU PS QSPKFDUFE FDPOPNJD BOE CVTJOFTT QSPCMFNT

5BTLT JODMVEF o

B GPSFDBTUJOH EIBOHFT JO FDPOPNJD BOE GJOBODJBM DPOEJUJPOT JO UIF DPVOUSZ PS SFHJPO UP BTTJTU HPWFSONFOU PS CVTJOFTT QMBOOJOH BOE JOWFTUNFOU EFDJTJPO NBLJOH

(b) formulating recommendations, policies and plans for the economy, corporate strategies BOE JOWFTUNFOU BOE VOEFSUBLJOH DPNQBSBUJWF TUVEJFT GPS QSPKFDUT

(c) monitoring economic data to assess the effects of government policies and programmes on the economy and business

(d) forecasting production and consumption of goods and services, using records of past production and consumption and general economic and industry-speci c DPOEJUJPOT

F QSFQBSJOH GPSFDBTUT PG TUPDL JOWFOUPSJFT BOE GJOBODJBM TUBUFNFOUT BOE EFUFSNJOJOH GVUVSF QSPWJTJPOT GPS UIF PSHBOJ BUJPO

(f) analysing factors that determine labour force participation, employment, wages, unemployment and other labour market outcomes

(g) applying mathematical formulae and statistical methods to economic theory and data BOE EFWJTF TPMVUJPOT UP QSPCMFNT JO FDPOPNJDT BOE CVTJOFTT

(h) compiling, analysing and interpreting economic data using economic theory and a wide range of statistical methods

J FWBMVBUJOH UIF PVUDPNF PG FDPOPNJD QPMJDJFT BOE QSPKFDUT BOE QSPWJEJOH BEWJDF PO FDPOPNJD QPMJDZ BOE CVTJOFTT TUSBUFHJFT

K QSFQBSJOH TDIPMBSMZ QBQFST BOE SFQPSUT PO FDPOPNJD BOE CVTJOFTT JTTVFT

L FYBNJOJOH QSPCMFNT SFMBUFE UP U BDUJWJUJFT PG JOEJWJEVBM DPNQBOJFT BOE JOEVTUSJFT

(l) conducting research on market conditions in local, regional or national areas to set sales quotas, assess market potential and future trends

Examples of the occupations classi ed here:

Econometrician

&DPOPNJD BEWJTFS

Economic analyst

Economist

Labour economist

Some related occupations classi ed elsewhere:

Unit Group 2632

Sociologists, Anthropologists and Related Professionals

Sociologists, anthropologists and related professionals TJPOBMT JOWFTUJHBUF BOE EFTDSJCF BOE JOUFSQSFU UIF PSJHJO BOE EFWFMPQNFOU PG IVNBO TPDJFUJFT BOE DVMUVSFT BOE UIF TUVEZ PG IVNBO CFIBWJPVS BOE FWPMVUJPO UISPVHI UIF VTF PG BOUISPQPMPHJDBM BOE BSDIBFPMPHJDBM NFUIPET BOE UIF TUVEZ PG UIF PSHBOJ BUJPO PG TPDJBM MJGF

C USBDJOH UIF PSJHJO BOE FWPMVUJPO PG IVNBO TPDJFUJFT BOE DVMUVSFT UISPVHI UIF TUVEZ PG UIF NBUFSJBM SFNBJOT PG UIF QBTU

D USBDJOH UIF EFWFMPQNFOU PG IVNBO TPDJFUJFT BOE DVMUVSFT UISPVHI UIF TUVEZ PG UIF NBUFSJBM SFNBJOT PG UIF QBTU, such as dwellings, temples, tools, pottery, coins,

(d) studying physical and climatic aspects of areas and regions, and correlating these nd-
JOHT XJUI FDPOPNJD TPDJBM BOE EFWFMPQJOH UIFPSJFT
JUJFT
F EFWFMPQJOH UIFPSJFT NFYQMPSJOH BOE QP
JOUFSQSFU BOE EFTDSJCF TPDJBM QIFOPNFOB
G FWBMVBUJOH UIF PVUDPNFT PG QPMJDZ DBUJPO PS VTF CZ HPWFSONFOU QPM
DPODFSOJOH TPDJBM QPMJDJFT BOE QSPHSBNNFT
H BOBMZTJOH BEWJTJOH PO UIF QSBDUJDBM JNQMJDBUJPOT PG [BUJPOT BOE JOUFSFTU
ings in the formulation of economic and social policies for population groups and re-
HJPOT BOE GPS UIF EFWFMPQNFOU PG
(i) preparing scholarly papers and reports.

Examples of the occupations classi ed here:
"OUISPQPMPHJTU
"SDIBFPMPHJTU
Criminologist
Ethnologist
(FPHSBQIFS
Sociologist

Unit Group 2633
Philosophers, Historians and Political Scientists

Philosophers, historians and political scientists
DPOEVDU SFTFBSDI JOUP UIFDVBVSFOBMIBVENBOTUFNFOU BOE EFWFMMP
QFSJFODF BOE FYJTUFODF PG IVNBO IJTUPSZ BOE QPMJUJDBM
NFOUT BOE CFIBWJPVS 5IFZ EPMVF BOE PUIFS
on ndings to inform and guide political and in-
EJWJEVBM BDUJPOT
5BTLT JODMVEF o
(a) researching, including by reasoning, into the general causes, principles and meanings of
UIF XPSME IVNBO BDUJPOT UIFPVHIUT BOE CFIBWJPVS
FYJTUFODF BOE JOUFSQSFUBUJPO PG
QIJMPTPQIJDBM DPODFQUT BOE WBMVFT
(b) consulting and comparing primary sources such as original or contemporary records of
QBTU FWFOUT BOE TFDPOEBSZ TPVSDFT PG
BSDIBFPMPHJDBM PS BOUISPQPMPHJDBM
D FYUSBDUJOH SFMFWBOU NBUFSJBM GSPN
authenticity, and researching into and describing the history of a particular period,
DPVOUSZ PS SFHJPO PS B DPNQMFY FDPOPNJD TPDJBM PS
FYBNQMF FDPOPNJD TPDJBM PS JOTUJUVUJPOBM
IJTUPSZ
(d) conducting research in such elds as political philosophy, or past and present theory and practice of political systems, institutions or
CFIBWJPVS
F PCTFSWJOH DPOUFNQPSBSZ QPMJUJDBM JTTVFT
and opinions, and collecting data on them
GSPN WBSJPVT TPVSDFT
XJUI HPWFSONFOU BOE QPMJUJDBM QF
BOE PUIFS SFMFWBOU QFSTPOT
G BEEFWFMPQJOH TUSBUFHJFT NPEFMT BOE
interpret and describe the nature of human
NFPYQMPSJOH BOE BOBMZTJOH UIF IJTUPSJDBM BOE QP
(f) presenting ndings and conclusions for pub-
DBUJPO PS VTF CZ HPWFSONFOU QPM
(g) preparing scholarly papers and reports.

Examples of the occupations classi ed here:
QIJMPTPQIJDBM BOE IJTUPSJDBM SFTFBSDI PGGJDFS
Historian
Philosopher
Political scientist

Some related occupations classi ed elsewhere:
1PMJUJDBM BEWJTFS o

Unit Group 2634
Psychologists

Psychologists research into and study the mental
QSPDFTTFT BOE CFIBWJPVS PG JOEJWJEVBMT PS JO HSPVQT BOE BQQMZ U
to promote personal, social, educational or oc-
DVQBUJPOBM IFBMUI BOE FNQMPZNFOU BOE EFWFMP
5BLJOH JOUP BDDPVOU BMM SFMFWBOU GBDUPST
(a) planning and carrying out tests to measure mental, physical and other characteristics such as intelligence, abilities, aptitudes, po-
UFOUJBMJUJFT FUD JOUFSQSFUJOH
SFTVMUT BOE QSPWJEJOH BEWJDF
C BOBMZTJOH UIF F FDU- PG IFSFEJUZ
DVQBUJPOBM BOE PUIFS GBDUPST
(c) conducting counselling or therapeutic interventions with individuals, families, groups or
QBSUOFST JO BDDPSEBODF XJUI QSFWBJMJOH
E NBJOUBJOJOH SFDPSET BOE DPOUBDUT
with family members, educational authorities
or employers, and recommending possible
(e) studying psychological factors in the diag-
OPTJT USFBUNFOU BOE QSFWFOUJP
(h) assessing and advising on personality dis-
orders and mental illness with related juris-
TJPOBMT
G QSFQBSJOH TDIPMBSMZ QBQFST BOE
H GPSNVMBUJOH BDIJFWFNFOU EJB
QSFFDJDUJWF UFTUT GPS VTF CZ U
OJOH NFUIPET BOE DPOUFOU PG JOT
KPC EFTJHO XPSL HSPVQT NPSBMF N

J EFWFMPQJOH UIFPSJFT JNPBEWUJOBHOBTNBUEWFEBUUFT GPS DMJ
JOUFSQSFU BOE EFTDSJCF IVNBOCFIBWJPVS for solutions to
QSPCMFNT B FDUJOH UIFN
K EFWFMPQJOH QSFWFOUJPO BOE JOU
HSBNNFT UP NFFU DPNNVOJUZ OFFET
(k) maintaining contact with other social ser-
WJDF BHFODJFT FEVDBUJPOBM JOT
IFBMUI DBSF QSPWJEFST JOWPMWFE X
QSPWJEF JOGPSNBUJPO BOE PCUBJO C
DMJFOUT PWFSBMM TJUVBUJPO BOE

Examples of the occupations classi ed here:
Clinical psychologist
Educational psychologist
Organizational psychologist
Psychotherapist
Sports psychologist

Some related occupations classi ed elsewhere:
1TZDIJBUSJTU o

Examples of the occupations classi ed here:
"EEJDUJPOT DPVOTFMMPS
#FSFBWFNFOU DPVOTFMMPS
Child and youth counsellor
%JTUSJDU TPDJBM XFMGBSF P DFS
Family counsellor
.BSSJBHF DPVOTFMMPS
Parole o cer
Probation o cer
4FYVBM BTTBVMU DPVOTFMMPS
Social worker
Some related occupations classi ed elsewhere:

Unit Group 2635

Social Work and Counselling Professionals

Social work and counselling professionals pro-
WJEF BEWJDF BOE HVJEBODF UP
ilies, groups, communities and organizations
in response to social and personal di culties.
5IFZ BTTJTU DMJFOUT UP EFWFMPQ
TPVSDFT BOE TVQQPSU TFSWJDFT
UP JTTVFT BSJTJOH GSPN
EJTBCJMJUZ BEEJDUJPO
CFIBWJPVS BOE NBSJUBM
5BTLT JODMVEF o
B JOUFSWJFXJOH DMJFOUT JOEJWJEVBMMZ JO GBNJMJFT PS
in groups, to assess their situation and problems
BOE EFUFSNJOF UIF UZQFT
(b) analysing the client s situation and presenting
BMUFSOBUJWF BQQSPBDIFT
(c) compiling case records or reports for courts
BOE PUIFS MFHBM QSPDFFEJ
E QSPWJEJOH DPVOTFMMJOH
UJPO TFSWJDFT BOE
UP BTTJTU DMJFOUT UP EFWFMP
OFFEFE UP EFBM XJUI BOE
BOE QFSTPOBM QSPCMFNT
(e) planning and implementing programmes of
assistance for clients, including crisis inter-
WFOUJPO BOE SFGFSSBM UP
nancial assistance, legal aid, housing, med-
JDBM USFBUNFOU BOE PUIFS
G JOWFTUJHBUJOH DBTFT PG
taking action to protect children and other
QFSTPOT BU SJTL
(g) working with offenders during and after
sentence to help them to integrate into the
community and to change attitudes and be-
IBWJPVS JO PSEFS UP SFEV
I QSPWJEJOH BEWJDF UPDP
UP QSPCBUJPO BOE QBSPM
helps determine whether, and under what
DPOEJUJPOT BO P FOEF-S
ated, released from prison or undergo alter-
OBUJWF DPNNVOJUZ TFSWJDFT

Unit Group 2636

Religious Professionals

Religious professionals function as perpetuators
PG USBEJUJPOT QSBDUJDFT BO
E QSPWJEJOH DPVOTFMMJOH
UJPO TFSWJDFT BOE
UP BTTJTU DMJFOUT UP EFWFMP
OFFEFE UP EFBM XJUI BOE
BOE QFSTPOBM QSPCMFNT
(e) planning and implementing programmes of
assistance for clients, including crisis inter-
WFOUJPO BOE SFGFSSBM UP
nancial assistance, legal aid, housing, med-
JDBM USFBUNFOU BOE PUIFS
G JOWFTUJHBUJOH DBTFT PG
taking action to protect children and other
QFSTPOT BU SJTL
(g) working with offenders during and after
sentence to help them to integrate into the
community and to change attitudes and be-
IBWJPVS JO PSEFS UP SFEV
I QSPWJEJOH BEWJDF UPDP
UP QSPCBUJPO BOE QBSPM
helps determine whether, and under what
DPOEJUJPOT BO P FOEF-S
ated, released from prison or undergo alter-
OBUJWF DPSSFDUJPOBM NFBTVSFT

Unit Group 2636

Religious Professionals

Religious professionals function as perpetuators
PG USBEJUJPOT QSBDUJDFT BO
E QSPWJEJOH DPVOTFMMJOH
UJPO TFSWJDFT BOE
UP BTTJTU DMJFOUT UP EFWFMP
OFFEFE UP EFBM XJUI BOE
BOE QFSTPOBM QSPCMFNT
(a) perpetuating sacred traditions, practices and
C DPOEVDUJOH SFMJHJPVT TFSWJD
social duties, including participating in com-
mittees and meetings of religious organiza-
UJPOT
E QSPWJEJOH TQJSJUVBM BOE N
BDDPSEBODF XJUI UIF SFMJHJPO QSPC
(c) propagating religious doctrines in own
I DPVOTFMMJOH JOEJWJEVBMT S

J TDIFEVMJOH BOE QBSUJDJQBUJPO PG SFMJHJPVT PSE-FST XIPTF XP such as camps, conferences, seminars and retreats.

Examples of the occupations classi ed here:
Bonze
Imam
.JOJTUFS PG SFMJHJPO
Poojari
Priest
Rabbi

Some related occupations classi ed elsewhere:
-BZ QSFBDIFS o
.POL o
/VO o

Note
.FNCFST PG SFMJHJPVT PSE-FST XIPTF XP GPSNJOH UIF UBTLT PG PUIFS PDDVQBUJPOT teachers, nurses or welfare support workers, should be classi ed according to the main tasks and duties performed in the job.

Minor Group 264
Authors, Journalists and Linguists

"VUIPST KPVSOBMJTUT BOE MJOHVJTUT DPOEVDU SFTFBSDI BOE QSFQBSF XPSL JO DBUF OFXT BOE QVCMJD B BJST UISPVHI UIF TQPLFO BOE XSJUUFO XPSE into another.

5BTLT QFSGPSNFE VTVBMMZ JOWPMWF B DPNCJOBUJPO PG DPHOJUJWF BOE MBOHVBHF PUIFS XPSLT PG BSU DPNNVOJDBUJOH JEFBT BOE JOGPSNBUJPO TFBSDIJOH JOWFTUJHBUJOH JOUFSQSFUJOH BOE FWBMVBUJOH OFXT BOE QVCMJD TJUVBUJPOT SFQPSUJOH UP BOPUIFS TJNVMUBOFPVTMZ USBOTMBUJOH GSPN POF MBOHVBHF

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF JODSFBTFE JOUP UIF GPM

2641 Authors and Related Writers

2642 Journalists

2643 Translators, Interpreters and Other Linguists

Unit Group 2641
Authors and Related Writers

"VUIPST BOE SFMBUFE XSJUFST TQFDJBMJTF JO DSFBUJWF XSJUJOH UP write books, scripts, storyboards, plays, essays, speeches, manuals, specifications and other OPO KPVSOBMJTUJD BSUJDMFT FYDMVEJOH NBUFSJBM GPS newspapers, magazines and other periodicals) for publication or presentation.

5BTLT JODMVEF o
B DPOEFJWJOH XSJUJOH BOE FEJUJOH OPWFMT QMBZT scripts, poetry and other material for publiDBUJPO PS QSFTFOUBUJPO
(b) conducting research to establish factual content and to obtain other necessary informaUJPO
(c) writing scripts and continuities and preparing programmes for stage, lm, radio and UFMFWJTJPO QSPEVDUJPOT
(d) analysing material, such as specifications, notes and drawings, and creating manuals, instructions for use, user guides and other EPDVNFOUT UP FYQMBJO DMFBS TUFQT UP CF UBLFO JO the installation, operation and maintenance of software, electronic, mechanical and other FRVJQNFOU
(e) writing brochures, handbooks and similar UFDIOJDBM QVCMJDBUJPOT
(f) selecting material for publication, checking style, grammar and factual accuracy of content, BSSBOHJOH GPS BOZ OFDFTTBSZ SF checking proof copies before printing.

Examples of the occupations classi ed here:
"VUIPS
Book editor
Essayist
*OEFYFS
*OUFSBDUJWF NFEJB XSJUFS
/PWFMJTU
Playwright
Poet
Script writer
Speech writer
5FDIOJDBM DPNNVOJDBUPS
5FDIOJDBM XSJUFS
Writer

Some related occupations classi ed elsewhere:
1VCMJD SFMBUJPOT DPQZ XSJUFS o
+PVSOBMJTU o
/FXTQBQFS FEJUPS o

Unit Group 2642

Journalists

+PVSOBMJTUT SFTFBSDI JOWFTUJHBUF JOUFSQSFU BOE DPNNVOJDBUF OFXT BOE QVCMJD B BJST UISPVHI PUIFS NFEJB

5BTLT JODMVEF o

(a) collecting local, national and international OFXT UISPVHI JOUFSWJFXJOH PS SFTFBSDIJOH PO DVSSFOU BGGBJST PG QBSUJDVMBS JOUFSFTU UP UIF QVCMJD

(b) collecting, reporting and commenting on OFXT BOE DVSSFOU B BJST GPS CSPBEDBTUJOH CZ SBEJP UFMFWJTJPO PS PUIFS NFEJB

(c) conducting interviews with people in the news or who have specialized knowledge of topical issues

(f) writing editorials and commentaries on topics of current interest to stimulate public EFCBUF PS DPOUSPWFSTZ UISPVHI UIF QSFTT PS PUIFS NFEJB

(h) selecting material for publication, checking style, grammar, accuracy and legality of content and arranging for any necessary re-WJTJPOT

(j) selecting, assembling and preparing publicity material about business or other organiza-UJPOT GPS JTTVF UISPVHI QSFTT PS PUIFS NFEJB and other media.

Examples of the occupations classi ed here:

- Journalist
- Newspaper editor
- Newspaper reporter
- Sports writer
- Sub editor
- 57 SBEJP OFXT QSPEVDFS
- 57 SBEJP OFXT SFQPSUFS

Some related occupations classi ed elsewhere:

- 1VCMJD SFMBUJPOT P DFS o
- "VUIPS o
- #PPL FEJUPS o
- 1IPUP KPVSOBMJTU o
- $BNFSB PQFSBUPS o

Unit Group 2643

Translators, Interpreters and Other Linguists

5BTLT JODMVEF o

(a) translating or interpreting from one language into another or between ancient parent languages and modern language

(c) studying vocabulary, words, grammar, language forms, and pronunciation systems, grammars, dictionaries and other reference works to ensure that the original meaning is retained, that technical or scienti c works are correctly rendered, and that the phraseology and terminology of the TQFDJBMJTU BSFB PG JOUFSFTU BT QPTTJCMF

(e) interpreting from a spoken or a signed language into another spoken or signed language, in private or at conferences, meetings and similar occasions, and ensuring that the correct meaning and, as far as possible, the TQJSJU PG UIF PSJHJOBM BSF USBOTN

G SFWJTJOH BOE DPSSFDUJOH USBOTI

Examples of the occupations classi ed here:

- Interpreter
- -FYJDPHSBQIFS
- Philologist
- Sign language interpreter
- Subtitler
- 5SBOTMBUPS
- 5SBOTMBUPS SFWJTFS

Some related occupations classi ed elsewhere:

- "VUIPS o
- #PPL FEJUPS o
- +PVSOBMJTU o

Minor Group 265
Creative and Performing Artists

$SFBUJWF BOE QFSGPSNJOH BSUJTUT BDDPNQBOZ XSJUFST BOE TQFDJBMJTUT QFSGPSN PS EJSFDU UIFDQUFBSUGJPSNBODF BOE PUIFS NFEJB FWFOUT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF BSPHOGPSWJTOHDPEFDJSWBOJHO XSJUJOH PSJHJOBM NVTJD EFWJTJGHSEJSHDJUJONHVTSIEIFBBTDJDFH BDFE SJDBM BOE mMN QSPEVDUJPOT BTTVNJJOBHUJDPSFBMJSWFTQmPOFOCJMMUB UIF QSPEVDUJPO PG UFMFWJTJPO QSBHUSPKNTFTUnVMEXJOEDTSJBQHF PS CPPL BOE QSFQBSJOH BOE SFIEBSTEJOHUSPUEVSDQJSFHUBUVJTJO TWFJME BOE PUIFS FOUFSUBJONFOU NBUFSJBM SGDPJSBMSEPBE DQBTCMBDE announcements.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQE JOUP UIF GPM

2651 Visual Artists
2652 Musicians, Singers and Composers
2653 Dancers and Choreographers
2654 Film, Stage and Related Directors and Producers
2655 Actors
2656 Announcers on Radio, Television and Other Media
2659 Creative and Performing Artists Not Elsewhere Classified

Unit Group 2651
Visual Artists

7JTVBM BSUJTUT DSFBUF BOE FYQEMUFXPSLT PG BSU CZ sculpting, painting, drawing, creating cartoons, FOHSBWJOH PS VTJOH PUIFS UFDIOJRVFT

5BTLT JODMVEF o

B DPOEDFJWJOH BOE EFWFMPQJOHEJEVETFUBSTJBENFTEJHTOTHEDSE o TUZMFT GPS QBJOUJOHT ESBXJOHT BOE

(b) arranging objects, positioning models, and TFMFDUJOH MBOETDBQFT BOE 1PUUFSTWJTVBM GPSNT

BDDPSEJOH UP DIPTFO TVCKFDU% FNBRUSFSJWF QBJOUFS o

(c) selecting artistic media, method and ma-UFSJBMT

(d) creating representational or abstract three-di-NFOTJPOBM PS SFMJFG GPSNT and working and combining materials such BT XPPE TUPOF DMBZ NFUBM JDF PS QBQFS

(e) creating representational or abstract draw-ings and paintings using pencils, ink, chalk, oil paints and water colours or through the BQQMJDBUJPO PG PUIFS UFDIOJRVFT

G DSFBUJOH ESBXJOHT BOE PUIFS WJTVBM JNBHFT UIFN PO NFUBM XPPE PS PUIFS NBUFSJBMT

(g) creating cartoons to depict persons and FWFOUT PGUFO JO DBSJDBUVSFT

(h) restoring damaged, soiled and faded paint-ings and other art objects.

Examples of the occupations classi ed here:
Cartoonist
Ceramic artist
Illustrator
Picture restorer
Portrait painter
Sculptor

Some related occupations classi ed elsewhere:
Graphic designer
Painting restorer
Photographer

Unit Group 2652
Musicians, Singers and Composers

.VTJDJBOT TJOHFST BOE DPNQPTFST XS conduct and perform musical compositions.

5BTLT JODMVEF o

(a) creating melodic, harmonic and rhythmic TUSVDUVSFT JEFBT BOE DPODFQUT

(b) translating ideas and concepts into standard NVTJDBM TJHOT BOE TZNCPMT FGSPSFQSPEVDUJPO BOE QFSGPSNBODF

(c) adapting or arranging music for particular JOTUSVNFOUBM PS WPDBM HSPVQT JO PDDBTJPOT

E DPOEVDUJOH JOTUSVNFOUBM PS WP

(e) selecting music for performances and as-
TJHOJOH JOTUSVNFOUBM QFS
(f) playing one or more musical instruments as a soloist or as a member of an orchestra or a
NVTJDBM HSPVQ
H TJOHJOH BT B TPMPJTU PS
HSPVQ PS PUIFS CBOE
(h) practising and rehearsing to maintain a high standard of performance.

Examples of the occupations classi ed here:
Band leader
Composer
Instrumentalist
.VTJD DPOEVDUPS
Night club musician
Night club singer
Orchestrator
Singer
Street musician
Street singer

Unit Group 2653
Dancers and Choreographers

%BODFST BOE DIPSFPHSBQIFST
or perform dances.
5BTLT JODMVEF o
B DPOEVDJOH BOE DSFBUJOH
DPOWFZ B TUPSZ
QBUUFSO PG TUFQT
(b) performing dances as a soloist, with a partner or as a member of a dancing group before
MJWF BVEJFODFT PS GPS
WJTVBM NFEJB
D USBJOJOH FYFSDJTJOH BOE
DMBTTFT UP NBJOUBJO
BCJMJUZ BOE
(d) directing and participating in rehearsals to
QSBDUJTF EBODF TUFQT BOE
GPS B QFSGPSNBODF
(e) auditioning for dance roles or for member-
TIJQ JO EBODF DPNQBOJFT
(f) coordinating the production music with the music directors.

Examples of the occupations classi ed here:
Choreographer
Ballet dancer
Night-club dancer
Street dancer

Some related occupations classi ed elsewhere:
%BODF UFBDIFS o

Unit Group 2654
Film, Stage and Related Directors and Producers

Film, stage and related directors and producers
PWFSTFF BOE DPOUSPM UIF
ductions and stage shows.
5BTLT JODMVEF o
(a) choosing writers, studying scripts to determine artistic interpretation, and instructing
BDUPST PO BDUJOH
(b) directing all aspects of dramatic productions
PO TUBHF
tures, including choice of actors, and nal decisions concerning costumes, set designs
BOE TPVOE PS MJHIUJOH
(c) planning, organizing and controlling the
production of presentations, motion pictures,
E
sonnel, and determining the treatment, scope
BOE TDIFEVMJOH PG
F
BUJOH SPZBMUJFT
(f) creating, planning or writing scripts for re-
or perform dances.
BOE MJHIUJOH BOE

Examples of the occupations classi ed here:
%JSFDUPS EJSFDUPS
Film editor
.PUJPO QJDUVSF EJSFDUPS
Photography director
Stage director
5FDIOJDBM EJSFDUPS

Some related occupations classi ed elsewhere:
4UBHF NBOBHFS o
#SPBEDBTUJOH UFDIOJDJBO o
-JHIUJOH UFDIOJDJBO o
4PVOE UFDIOJDJBO o
7JEFP UFDIOJDJBO o

Unit Group 2655
Actors

"DUPST
sion or radio productions and stage shows.
5BTLT JODMVEF o
(a) learning lines and cues and playing parts in dramatic productions on stage, commercials,
UFMFWJTJPO SBEJP PS

(b) assuming characters created by a playwright or author and communicating this to an au-
E J F O D F
(c) telling stories or reading literary works aloud
U P F E V D B U F P S F O U F S U B J O M J T U O F S T
(d) attending auditions and casting calls in order
U P B V E J U J P O G P S S P M F T
(e) preparing for performances through rehearsals under the instruction and guidance
P G Q S P E V D U J P O E J S F D U P S T
(f) reading scripts and undertaking research to gain understanding of parts, themes and
D I B S B D U F S J T U J D T
H B D U J O H Q B S U T B O E- Q P S U S B Z J O H S P M F T B T E F W F M
P Q F E J O S F I F B S T B M T J O
and stage productions.

Examples of the occupations classi ed here:
" D U P S
. J N F B S U J T U
Storyteller

Some related occupations classi ed elsewhere:
4 U V O U B S U J T U o
8 B M L F S P O o

Unit Group 2656

Announcers on Radio, Television and Other Media

" O O P V O D F S S P O S B E J P U F M F W J T J P O
S F B E O F X T C V M M F U J O T
make other announcements or introductions on
S B E J P B O E U F M F W J T J P O
establishments or media.
5 B T L S J O D M V E F o
(a) reading news bulletins and making other an-
O P V O D F N F O U S P O S B E J P P S U F M F W J T J P O
(b) introducing performing artists or persons
C F J O J O U F S W J F X F E B O E N B Y
O P V O D F N F O U S P O S B E J P B O
U I F B U S F T O J H U C M V C B O E P U
D J O U F S W J F X J O Q F S T P O S J O
S B E J P B O E U F M F W J T J P O

(d) studying background information in order to
Q S F Q B S F G P S Q S P H S B N N F T P S J O U F
(e) commenting on music and other matters, such as weather or tra c conditions.

Examples of the occupations classi ed here:
News anchor
Radio announcer
Sports announcer
5 B M L S H O X I P T U I P T U F S S
5 F M F W J T J P O B O O P V O D F S
5 S B D S F P S U F S
Weather reporter
Some related occupations classi ed elsewhere:
+ P V S O B M J T U o

Unit Group 2659

Creative and Performing Artists Not Elsewhere Classified

5 I J S V O J U H S P V Q D P W F S T B M M D S F B U
G P S N J O H B S U J T U S O U D M B S S J mE F M S F
(S P V Q $ S F B U J W F B O E 1 F S G P S N J O H " S
instance, the group includes clowns, magicians, acrobats and other performing artists.
* O T V D I D B S F U B S L S X P V M E J O D M V E
(a) performing amusing antics and telling funny
T U P S J F S
(b) performing tricks of illusion and sleight of
J P O E B O E U S F B U J O H B J Z Q O P U J S N
(c) performing adult and specialty acts
C B U J D S B O E H Z N O B S U J D P S K V H H M J O
(d) training and performing with animals
(e) other performing arts

Examples of the occupations classi ed here:
" D S P C B U
F S M J F B W J T J P O
Clown
Hypnotist
S F M B U F B O
O P V O D F N F O U P S S B E J P B O
U F M F W J T J P O P S J O
P F S F S U B C M J T I N F O U
Q V D L W J D E F T
7 F O U S J M P R V J T U

Ma~or Group 3

TECHNICIANS AND ASSOCIATE PROFESSIONALS

5FDIOJDJBOT BOE BTTPDJBUF QSPGFTTJPOBMT UFSGPSN PVUQVUT SFMBUJOH UP TDJFOUJ c or artistic concepts and operational methods, and
HPWFSONFOU PS CVTJOFTT SFHVMBUJPOT PS QSPWJEF UFDIOJDBM BOE TVQQPSU UP UIFTF BDUJWJUJFT
NBKPS HSPVQ SFRVJSFT TLJMMT BU UIF UIJSE *4$0 TLJMM MFWF

5BTLT QFSGPSNFE CZ UFDIOJDJBOT NBJOMZ JOWPMWF BQQMZJOH UFDIOJDBM DPODFQUT BOE PQFSBUJPOBM NFUIPET JO UIF carrying out technical work connected with research and the application of concepts and operational methods in the elds of physical sciences including engineering and technology,
MJGF TDJFODFT JODMVEJOH UIF OBUVSBM TDJFODFT BOE BQQMJDBUJPO PG IPXFWFS NPTU PG UIFTF UBTLT BSF DBSSJFE PVU XJUIJO TUSVDUVSFE PSHBOJTBUJPOBM FOWJSPONFOUT BOE SFRVJSF UIF BQQMJDBUJPO PG IPXFWFS NPTU PG UIFTF UBTLT 4VQFSWJTJOH PG PUIFS XPSLFST NBZ C

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTVFCDMBTTJmFSEPVQUP UIF GPM

- **31 Science and Engineering Associate Professionals**
- **32 Health Associate Professionals**
- **33 Business and Administration Associate Professionals**
- **34 Legal, Social, Cultural and Related Associate Professionals**
- **35 Information and Communications Technicians**

Sub-ma~or Group 31

Science and Engineering Associate Professionals

Science and engineering associate professionals perform technical tasks connected with re-
TFBSDI BOE PQFSBUJPOBM NFUIPET JTOVQUF SFWJTJOH BOE IPOJUPSJOH UFDI
nical and operational aspects of mining, manufacturing, construction and other engineering
PQFSBUJPOT BOE PQFSBUF UFDIOJDBMF FRVJQNFOU JO NJOJOH PQFSBUJPOT
NBOVGBDUVSJOH BOE DPOTUSVDUJPO JOEVTUSJFT BOE PUIFS FOHJOFFSJOH

5BTLT QFSGPSNFE CZ XPSLFST JO VOJEFOUJmFE TFMFDUJPO BOE QSFQBSBUJPO PG
BOE PQFSBUJOH JOTUSVNFOUT BOE FRVJQNFOU PO NJOFT PS RVBSSJFT BOE
PG TZTUFNT DPNNVOJDBUJPO BOE UFMFDPOUSPM FRVJQNFOU BOE
QBSJOH SFWJTJOH BOE JOUFSQSFUJOH DVSSFODZ EJGGFSFOUJBM BOE
DPOUSPMMJOH BOE TDIFEVMJOH UIFJS BDUJWJUJFT NPOJUPSJOH
CPBSET DPNQVUFSJ[FE DPOUSPM TZTUFNT BOE EFWJDFT UP
GPSNJOH UFDIOJDBM GVODUJPOT UP FOBCMF TVQFSJPST BOE PUIFS
BJSDSBGU BOE PUIFS FRVJQNFOU

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ IBWF TJNJMBS TLJMM
311 Physical and Engineering Science Technicians
312 Mining, Manufacturing and Construction Supervisors
313 Process Control Technicians
314 Life Science Technicians and Related Associate Professionals
315 Ship and Aircraft Controllers and Technicians

Minor Group 311

Physical and Engineering Science Technicians

Physical and engineering science technicians perform technical tasks to aid in research on and the practical application of concepts, principles and operational methods particular to physical sciences including such areas as engineering, technical drawing or economic e ciency of production processes.

5BTLT QFSGPSNFE VTVBMMZ JOEFQFOEFOUMZ PS VOEFS MJNJUFE TVQFSWJTJPO
DJFOUJTUSZ QIZTJDT HFPMPHZ NFUFPSPMPHZ PS PUIFS IZESPMPHJDBM
VQ PQFSBUJOH BOE NBJOUBJOJOH MBCPSBUPSZ UFTUJOH FRVJQNFOU
NFOUT NBLJOH PCTFSWBUJPOT BOE UBLJOH NFBTVSFNFOUT JO
FYQFSJNFOUBUJPO DPOEVDUJOH UFTUT UP EFUFSNJOF DIBSBDUFSJTUJDT
WBUJPOT BOE BOBMZTJOH EBUB QSFQBSFT EJBHSBNT TLFUDIFT
diagrams, circuit board assembly diagrams or layout drawings.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ IBWF TJNJMBS LJOET
3111 Chemical and Physical Science Technicians
3112 Civil Engineering Technicians
3113 Electrical Engineering Technicians
3114 Electronics Engineering Technicians
3115 Mechanical Engineering Technicians
3116 Chemical Engineering Technicians
3117 Mining and Metallurgical Technicians
3118 Draughtspersons
3119 Physical and Engineering Science Technicians Not Elsewhere Classified

Unit Group 3111

Chemical and Physical Science Technicians

Chemical and physical science technicians perform technical tasks to aid in research in chemistry, physics, geology, geophysics, meteorology BOE BTUSPOPNZ BOE JO UI-F Ed WeUmRQNFDatce Wth JOeGV Speci ca-trial, medical, military and other practical applications of research results.

5BTLT JODMVEF o

(a) collecting samples and preparing materials BOE FRVJQNFOU GPS FYQFSJNFOUT BOE BOBMZTFT

(b) carrying out routine laboratory tests and QFSGPSNJOH B WBSJFUZ PG TUBOEBSEJ[FE functions to assist chemical and physical scientists in research and testing UFTUJOH

(c) maintaining quality control records and D DPOUSPM MJOH UIF laboratory supplies by testing samples and monitoring usage and preparing detailed estimates of costs UJNBUFT PG RVBOUJUJFT BOE DPTUT BOE MBCPVS SFRVJSFE GPS QSPKFDUT UP UIF TQFDJmDBUJPOT HJWFO

(d) setting up, operating and maintaining laboratory equipment SBUPSZ JOTUSVNFOUT BOE UPSJOH FYQFSJNFOUT NBLJOH BOE DBMDVMBUJOH BOE SFDPSEJOH SFTVMUT

(e) assisting with the preparation of research proposals, including budgets and schedules F QSFQBSJOH NBUFSJBMT GPS JFYQFSJNFOUT BT GSFF[JOH BOE TMJDJOH TQFDJNFOTBOE NeY JoH DIFNJDBMT

(f) collecting and testing earth and water samples and other materials data in support of geologists or geophysicists.

Examples of the occupations classi ed here:

Chemistry technician
(FPMPHZ UFDIOJDJBO
.FUFPSPMPHZ UFDIOJDJBO
Physics technician

Some related occupations classi ed elsewhere:

$IFNJDBM FOHJOFFSJOH UFDIOJDJBO
$IFNJDBM QSPDFTT UFDIOJDJBO o
-JGF TDJFODF UFDIOJDJBO o

Unit Group 3112

Civil Engineering Technicians

$JWJM FOHJOFFSJOH UFDIOJDJBOT QSGPSN UBTLT JO DJWJM FOHJOFFSJOH SFTFBSDI BOE JO UIF design, construction, operation, maintenance and repair of buildings and other structures such as water supply and wastewater treatment systems, bridges, roads, dams and airports.

5BTLT JODMVEF o

(a) performing or assisting with eld and laboratory tests UPS TUFTUT PG TPJMT BOE DPOTUSVDU

C QSPWJEJOH UFDIOJDBM BTTJTUBO with the construction of buildings and other TUSVDUVSFT BOE XJUI- TVSWFZT PS BSBUJPO PG TVSWFZ SFQPSUT

(c) ensuring compliance with design speci ca-UJPOT SFMFWBOU MFHJTMBUJPO BO and maintenance of desired standards of NBUFSJBMT BOE XPSL

(d) applying technical knowledge of building and JNWOJUT FUHTUTF BSOE PEH Q SJODJQMFT PSEFS UP JEFOUJGZ BOE TPMWF QSPC

(e) assisting with the preparation of detailed es-UJNBUFT DPTUT BOE TDIFEVMFT GPS QSPKF BOE MBCPVS SFRVJSFE GPS QSPKFDUT HJWFO

G PSHBOJ[JOH NBJOUFOBODF BOE SFQ

(g) inspecting buildings and structures during and after construction to ensure that they comply with building, grading, zoning and TBGFUZ TUBOEBSET BT XFMM BT XJUI PUIFS SFRVJSFE QMBOT and standards, as well as with other requirements

(h) inspecting industrial plant, hotels, cinemas and other public buildings and structures to detect GBVMUT EFGFDUT BOE IB[BSET BOE UP PCTFSWF UIF PQFSBUJPO TZTUFNT BOE UIF VTF PG materials in the construction of buildings, and means of USBOTQPSUBUJPO UP SFEVDF SJTL PG damage and danger

Examples of the occupations classi ed here:

Building inspector
#VJMEJOH TVSWFZPS
$JWJM FOHJOFFSJOH UFDIOJDJBO
Clerk of works
Fire inspector
'JSF QSFWFOUJPO TQFDJBMJTU
(FPUFDIOJDBM UFDIOJDJBO
4VSWFZJOH UFDIOJDJBO
Some related occupations classi ed elsewhere:
2VBOUJUZ TVSWFZPS o
.BSJOF TVSWFZPS o
'JSF JOWFTUJHBUPS o

Unit Group 3113

Electrical Engineering Technicians

Electrical engineering technicians perform technical tasks to aid in electrical engineering research and in the design, manufacture, assembly, construction, operation, maintenance and repair

PG FMFDUSJDBM FRVJQNFOU GBDJMJUJFT PS UFTUJOH QSPDFTTFT
systems.

5BTLT JODMVEF o

B QSPWJEJOH UFDIOJDBM BTTJTUBODF JO UIF EFTJHO EFWFMPQNFOU PG FMFDUSJDBM GBDJMJUJFT PS UFTUJOH QSPDFTTFT

(b) designing and preparing blueprints of electrical installations and circuitry according to UIF TQFDJmDBUJPOT HJWFO

D QSFQBSJOH EFUBJMFE FTUJNBUFT PG NBUFSJBMT BOE DPTUT PG NBUFSJBMT
for manufacture and installation, according UP UIF TQFDJmDBUJPOT HJWFO

(d) monitoring technical aspects of the manufacture, installation, utilization, maintenance BOE SFQBJS PG FMFDUSJDBM FRVJQNFOU
ment to ensure satisfactory performance and compliance with speci cations and regulaUJPOT

(e) planning installation methods, checking completed installations for safety and controls or undertaking the initial running of UIF OFX FMFDUSJDBM FRVJQNFOU PS TZTUFNT

(f) assembling, installing, testing, calibrating, NPEJGZJOH BOE SFQBJSJOH FMFDUSJDBM FRVJQNFOU
and installations to conform with regulations BOE TBGFUZ SFRVJSFNFOUT

Examples of the occupations classi ed here:
Electrical engineering technician
Electric power transmission engineering technician

Some related occupations classi ed elsewhere:
&MFDUSPOJDT FOHJOFFSJOH UFDIOJDJBO
1PXFS QSPEVDUJPO QMBOU PQFSBUPS
&MFDUSJDBM NFDIBOJD o

Unit Group 3114

Electronics Engineering Technicians

Electronics engineering technicians perform technical tasks to aid in electronic research and in the design, manufacture, assembly, construction, operation, maintenance and repair of electUSPOJD FRVJQNFOU

5BTLT JODMVEF o

B QSPWJEJOH UFDIOJDBM BTTJTUBODF JO UIF EFTJHO EFWFMPQNFOU PG FMFDUSPOJD DJSDVJUSZ

(b) designing and preparing blueprints of electronic circuitry according to the speci caUJPOT HJWFO

D QSFQBSJOH EFUBJMFE FTUJNBUFT PG NBUFSJBMT BOE MBCPVS SFRVJSFE
manufacture and installation of electronic GPS NBOVGBDUVSF BOE JOTUBMMBUJPO PG FMFDUSPOJD
HJWFO

(d) monitoring technical aspects of the manufacture, installation, maintenance and repair of
QFSGPSNBODF BOE DPNQMJBODF XJUI TQFDJmDBUJPOT
F BTTJTUJOH JO UIF EFTJHO EFWFMPQNFOU PG FMFDUSPOJD
lation, operation and maintenance of elec-
(f) planning installation methods, checking completed installations for safety and controls or undertaking the initial running of UIF OFX FMFDUSPOJD FRVJQNFOU PS TZTUFNT

(g) conducting tests of electronic systems, collecting and analysing data, and assembling circuitry in support of electronics engineers.

Example of the occupations classi ed here:
Electronics engineering technician

Some related occupations classi ed elsewhere:
&MFDUSJDBM FOHJOFFSJOH UFDIOJDJBO
5FMFDPNNVOJDBUJPOT FOHJOFFSJOH UFDIOJDJBO
&MFDUSPOJDT NFDIBOJD o
&MFDUSPOJD FRVJQNFOU BTTFNCMZ

Unit Group 3115

Mechanical Engineering Technicians

.FDIBOJDBM FOHJOFFSJOH UFDIOJDJBOT
Technicians who perform mechanical engineering tasks to aid in the design, manufacture, assembly, construction, operation, maintenance and repair of machines, components and meDIBOJDBM FRVJQNFOU

5BTLT JODMVEF o

B QSPWJEJOH UFDIOJDBM BTTJTUBODF JO UIF EFTJHO EFWFMPQNFOU PG NBDIJOFT BOE
ical installations, facilities and components,
PS UFTUJOH QSPUPUZQFT

(b) designing and preparing layouts of machines and mechanical installations, facilities and components, according to the speci cations HJWFO

D QSFQBSJOH EFUBJMFE FTUJNBUFT PG NBUFSJBMT BOE MBCPVS SFRVJSFE
for manufacture, installation, operation, and UP UIF TQFDJmDBUJPOT HJWFO

(d) monitoring technical aspects of manufacture, utilization, maintenance and repair of machines and mechanical installations, facilities and components to ensure satisfactory
QFSGPSNBODF BOE DPNQMJBODF XJUI TQFDJmDBUJPOT BOE SFHVMBUJPOT

F EFWFMPQJOH BOE NPOJUPSJOH QSPDFEVSFT GPS NBJOUFOBODF PG TBGFUZ TUBOEBSET BOE QSPDFEVSFT

(f) assembling and installing new and modified mechanical assemblies, components, machine tools and controls, and hydraulic power transmission units

(g) conducting tests of mechanical systems, collecting and analysing data, and assembling and installing mechanical assemblies in support of research and development

(h) ensuring that mechanical engineering designs and finished work are within specifications and regulations

Examples of the occupations classified here:
- Aeronautical engineering technician
- Mechanical engineering draughtsperson
- Mechanical engineering technician
- Mechanical inspector
- Mechanical quality assurance technician
- Mechanical testing technician

Some related occupations classified elsewhere:
- Industrial engineering technician
- Manufacturing engineering technician

Unit Group 3116

Chemical Engineering Technicians

Chemical engineering technicians perform technical tasks to aid in chemical engineering research and in the design, manufacture, construction, operation, maintenance and repair of chemical plant.

Tasks include:

(a) assisting in the operation of industrial chemical processes, plant and equipment

(b) designing and preparing layouts of chemical plant

(c) designing and preparing layouts of chemical plant for manufacture and installation, according to specifications

(d) monitoring technical aspects of the construction, installation, operation, maintenance and repair of chemical plants to ensure satisfactory performance and compliance with specifications and regulations

(e) conducting chemical and physical laboratory tests to assist scientists and engineers to analyse raw materials, products and processes

Examples of the occupations classified here:
- Chemical engineering estimator
- Chemical engineering technician

Some related occupations classified elsewhere:
- Industrial chemist
- Laboratory technician

Unit Group 3117

Mining and Metallurgical Technicians

Mining and metallurgical technicians perform technical tasks to aid in the operation, maintenance and repair of mining and metallurgical plant and in the design, construction, operation, maintenance and repair of installations for transporting and storing oil and natural gas.

Tasks include:

(a) assisting in the operation of mines and mine installations, oil and natural gas production installations, processing plants and refineries

(b) assisting in the operation of metallurgical processes, plant and equipment

(c) preparing and maintaining records and plans of mine workings and layout of oil, natural gas and mineral ore production and processing and refining plants for minerals and metallurgical processes

(d) monitoring technical, regulatory and safety aspects of the construction, installation, operation, maintenance and repair of mineral production, transport and storage installations and equipment

(e) helping plan and design mines, mine shafts, tunnels and other underground structures

(f) collecting and preparing rock, mineral and metal samples, performing laboratory tests to determine properties, analysing and reporting test results and maintaining testing equipment

(g) using microscopes, electromagnetic irradiation machines, spectrometers, spectrographs, electronic and nuclear measuring instruments in laboratory tests

(h) assisting scientists in the use of electrical, sonic or nuclear measuring instruments in the field to obtain data indicating potential sources of metallic ore, gas or petroleum

Examples of the occupations classified here:
- Metallurgical engineering technician
- Mining engineering technician
- Mining inspector

Some related occupations classi ed elsewhere:
(FPMPHZ UFDIOJDJBO o
.JOFS o
.JOJOH QMBOU PQFSBUPS o
2VBSSJFS o

Unit Group 3118
Draughtspersons

%SBVHIUTQFSTPOT QSFQBSF maps and illustrations from sketches, measurements and other data, and copy nal drawings and paintings onto printing plates.
5BTLT JODMVEF o
B QSFQBSJOH BOE SFWJTJOH from sketches and speci cations prepared by engineers and designers for the manufacture, installation and erection of machinery and FRVJQNFOU PS GPS UIF DPOTUSVDUJPO tion, maintenance and repair of buildings, dams, bridges, roads and other architectural BOE DJWJM FOHJOFFSJOH QSPKFDUT
(b) operating computer-aided design and ESBGUJOH FRVJQNFOU UP generate hard-copy and digital representaUJPOT PG XPSLJOH ESBXJOHT
D QQFSBUJOH EJHJUJ[JOH ment to transfer hard-copy representation of XPSLJOH ESBXJOHT NBQT EJHJUBM GPSN
E QSFQBSJOH BOE SFWJTJOH ence works, brochures and technical manuals dealing with the assembly, installation, operation, maintenance and repair of machinery BOE PUIFS FRVJQNFOU BOE HPPET
(e) copying drawings and paintings onto stone PS NFUBM QMBUFT GPS QSJOUJOH
(f) preparing wiring diagrams, circuit board assembly diagrams and layout drawings used for manufacture, installation and repair PG FMFDUSJDBM FRVJQNFOU QMBOUT BOE CVJMEJOHT
(g) creating detailed working diagrams of maDIJOFSZ BOE NFDIBOJDBM EFWJDFT dimensions, fastening methods and other FOHJOFFSJOH JOGPSNBUJPO
(h) arranging for completed drawings to be reproduced for use as working drawings.

Examples of the occupations classi ed here:
%SBVHIUTQFSTPO
5FDIOJDBM JMMVTUSBUPS

Some related occupations classi ed elsewhere:
$BSUPHSBQIFS o
4VSWFZPS o

Unit Group 3119
Physical and Engineering Science Technicians Not Elsewhere Classified
5IJT VOJU HSPVQ DPWFST science technicians not classi ed elsewhere in .JOPS (SPVQ 1IZTJDBM BOE &OHJOFFS FODF 5FDIOJDJBOT 'PS JOTUBODF includes those who assist scientists and engineers FOHBHFE JO EFWFMPQJOH QSPDFEVSFT SFTFBSDI PO TBGFUZ JO CJPNFEJDBM industrial and production engineering.
*O TVDI DBTFT UBTLT XPVME JODMVE B DPMMFDUJOH EBUB BOE QSPWJEJO UBODF SFHBSEJOH F DJFOU TBGF BO VUJMJ[BUJPO PG QFSTPOOFM NBUF BUJPOT BOE TVQFSWJTJPO PG UIFJS JNQMFN BOE F DJFOU MBZPVU PG QMBOU PS FT
(b) aiding in the identi cation of potential hazards and introducing safety procedures and EFWJDFT
D NPEJGZJOH BOE UFTUJOH FRVJQNFOU UJPO PG FOWJSPONFOUBM QPMMVUJPO EJTBGUJOH FRVJQNFOU UP E BTTJTUJOH JO UIF EFWFMPQ OFFEFE TDJFOUJTU
(e) assisting engineers in testing and designing
Examples of the occupations classi ed here:
Engineering technician (production)
'JSF JOWFTUJHBUPS
Forensic science technician
2VBOUJUZ TVSWFZJOH UFDIOJDJBO
Robotics technician
5JNF BOE NPUJPO TUVEZ UFDIOJDJ

Some related occupations classi ed elsewhere:
1SPEVDUJPO FOHJOFFS o
2VBMJUZ DPOUSPM UFDIOJDJBO o
"FSPOBVUJDT FOHJOFFSJOH UFDIOJD

Minor Group 312

Mining, Manufacturing and Construction Supervisors

.JOJOH NBOVGBDUVSJOH BOE DPOTUSVDUJPO TVQFSWJTPST PWFSTFF
TDIFEVMF UIF BDUJWJUJFT PG XPSLDFSTT UIS VNBOBHFE PG CPDUFS B UIOHO TN J

5BTLT QFSGPSNFE VTVBMMZ JODMVEF UIF JOPWBVFSJOUFSGFHFUJOGHBDTUVJQWFJSUW
tradespersons, process control technicians, machine operators, assemblers, labourers and
PUIFS XPSLFST PSHBOJ[JOH BOE DQUWMBFDUOJJNCBHU FETB JSMFZD PXSPESTL B QQE
SFQPSUT JEFOUJGZJOH TIPSUBHFTF UPZG PTGUBXP SPLSF SV Q QOMTUFS VBOJTC
USBJOJOH OFX TUB

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDUMBSTFVQFE JOUP UIF GPM

3121 Mining Supervisors

3122 Manufacturing Supervisors

3123 Construction Supervisors

Notes

+PCT DMBTTJmFE JO .JOPS (SPVQ OT.UISVDUHJP.B4VQGBSDWJTPJSTHN BJDEMSPJO
WPMWF QMBOOJOH PSHBOJ[JOH DJPOHSEJJEBXPSTDHEPOP CUZSFPUMMSJTTO H.PBTOEPG J
UIF UJNF XPSLFST FNQMPZFE JO UTFQJFSKGPSNFEPCZ PUUPQJF SUGPZSNTVQIFFSWJBTTL
BMUIPVHI UIFZ GSFRVFOUMZ IBWF FYDUFFDG JUWFTIFYQBFSTJT O5DIP TJO XQJFSDGBSSSNZBPVU
UIF UBTLT BOE EVUJFT PG UIF KPCT DJPHZUSYQMFMSJWJHT FU IJFOUBFEEJJJDBMUPR VBMJU
XPSL EPOF CZ PUIFST TIPVME CF DMTBVTQFSWFJTXFJ5IFTF XTPVSQLFSSWJUIFSZ KPCT PGU
BSF DBMMFE iGPSFNFO XPNFOw PS iUFBN MFBEFSTw

*O EJTUJOHVJTIJOH CFUXFFO NBOBH.BSTBHDFMSBTT TBJnEFEVJQOFSBWKJPTPS(S PVQBQBTTJmFE
JO PUIFS NBKPS HSPVQT JU TIPVME CEF TOVPQUFFSEWUJTBRUSCPNUBZNEQMBKOFSPTSBHOJ[F DPPS
JOBUF DPOUSPM BOE EJSFDU UIF XPNSELOBHPFS TCZ PVBMSMZ *OWBEJSFUJQPOO TJCJMJU
BOE NBLF EFDJTJPOT BCPVU UIF PWFSBMMDUSBUPGHBDCVOEFOFQTFSPSUPSHBNJ[BUJPO
VOJU GPS FYBNQMF BCPVU UIF LJOET UPPVBCGFUQUSZPBVDEFREVBMCJUEZHPG TH PIPPEX NVDI
NPOFZ JT UP CF TQFOU BOE GPS XBEQ PQUOSUQNFTOFUT BOBEO E JUTNFJTTFBMNFDPUGJPT
4VQFSWJTPST NBZ QSPWJEF BEWJDF BFOTEFENTBUJUTUBDDF TUQFSNBBMMZSJTOPSFMIBUJP
TUB TFMFDUJPO BOE EJTNJTTBM CEVFUDJETPJPOPU IBWF BVUIPSJUZ UP NBLF

*U TIPVME CF OPUFE UIBU JU JT OPU OBHFSTDFITBTWBSZSDTQOFOJUJCOMUIBZU NBS BMM U
TUSBUFHJD BOE PQFSBUJPOBM EJSFDUJPOE JCMEFTHFBM BSDEF TEUFBHSTFFM PGUBPO
UIFZ FYFSDJTF NBZ BMTP WBSZ 5IFSDWSJUIJOBNBSEF SFSTQPOPDFTJCMFBPUWZQGPS UIF T
WJTJPO PG UIF BDUJWJUJFT PG PUIFSPXPFSSLBFSM SXFFTQPBOTNGCJOBHUFZSTGPBSWUIF PQFS
of an organizational unit.

Unit Group 3121

Mining Supervisors

.JOJOH TVQFSWJTPST PWFSTFF SZJOH PQFSBUJPOT BOE UEIFSNFDIFUMSZRTVBSQSFZS WJTF BOE DPPSEJOBUF UIF BDUJWJUJFT PG NJOFST XPSLJOH JO VOEFSHSPVOE BOE TVSGBDF NJOFT

5BTLT JODMVEF o

B TVQFSWJTJOH BOE DPPSEJOBUJOH UIF PFSBUJPOT PG XPSLFST XIP FYUSBDU NJOFSBMT FOBSHZ SFTPVSDFT OBUVSBM EFQPTJUT GSPN UIF FBSUI

(b) establishing methods to meet work schedules and recommending measures to mining

(c) working with managerial and technical personnel, other departments and contractors to

E QSPWJEJOH SFQPSUT BOE PUIFS JO
mining managers about all aspects of mining
PS RVBSSZJOH PQFSBUJPOT
Determining standards and criteria for
Examples of the occupations classified here:
.JOF EFQVUZ
2VBSSZ TVQFSWJTPS
Some related occupations classified elsewhere:
.JOF NBOBHFS o
.JOF JOTQFDUPS o
2VBSSJFS o

Unit Group 3122
Manufacturing Supervisors

.BOVGBDUVSJOH TVQFSWJTPST QMBO BOE EJSFDU XPSL PG QFSTPOT FOHBHFE JO UIF BDUJWJUJFT PG manufacturing labourers.

5BTLT JODMVEF o

B DPPSEJOBUJOH BOE TVQFSWJTJOH UIF BDUJWJUJFT of process control technicians, machine operators, assemblers and other manufacturing MBCPVSFST

(b) organizing and planning the daily work with TFHBSE UP QMBOT F-DPPE PNZBNJOJOH BOE JOTQFDUJOH XPSL PONFOU

(c) preparing cost estimates, records and reQPSUT

E JEFOUJGZJOH TIPSUBHF PG UPPMT BOE XPSLFST

F FOTVSJOH TBGFUZ PG XPSL QSPDFTTFT BOE FRVJQNFOU

G JOTUSVDUJOH BOE USBJOJOH XPSLFST

Examples of the occupations classi ed here:

"SFB DPPSEJOBUPS NBOBHFS

"TTFNCMZ TVQFSWJTPS

'JOJTIJOH TVQFSWJTPS

1SPEVDUJPO TVQFSWJTPS NBOVGBDUVSJOH

Some related occupations classi ed elsewhere:

.BOVGBDUVSJOH NBOBHFS o

Unit Group 3123
Construction Supervisors

$POTUSVDUJPO QSPKFDU NBOBHFS BOE TVQFSWJTPST EPPSEJOBUJOH BOE QMBOOJOH UIF BDUJWJUJFT PG QFSTPOT FOHBHFE JO UIF DPOTUSVDUJPO BOE SFQBJS PG CVJMEJOHT BOE TUSVDUVSFT

5BTLT JODMVEF o

(a) supervising and coordinating the construction activities of workers, labourers and other construction workers;

(b) organizing and coordinating the material and IVNBO SFTPVSDFT SFRVJSFE UP DPNQMFUF D FYBNJOJOH BOE JOTQFDUJOH XPSL QPNYBNJOJOH BOE JOUFSQSFUJOH QMBOT BOE EPDVNFOUT UP FOTVSF UIBU IFBMUI BOE TBGFUZ SBSF NFU

F TVQFSWJTJOH DPOTUSVDUJPO TJUF XPSL QSPKFDUT BOE XPSLFST, XBTUFT BOE DPOTUSVDUJPO workers;

Examples of the occupations classi ed here:

#VJMEJOH DPOTUSVDUJPO TVQFSWJTPS

Site manager (construction)

Some related occupations classi ed elsewhere:

$POTUSVDUJPO QSPKFDU NBOBHFS o

1SPKFDU CVJMEFS o

$MFSL PG XPSLT o

Minor Group 313
Process Control Technicians

Process control technicians operate and monitor switchboards, computerized control systems BOE NVMUJ GVODUJPO QSPDFTT DPOUSPM SPPN UP NPOJUPS BOE DPOUSPM UIF QSPEVDUJPO PG FMFDUSJDJUZ TUFBN HFOFSBUJPO BOE EJTUSJCVUJPO XBTUFXBUFS TFXBHF USFBUNFOU BOE XBTUF EJTQPTBM QMBOUT DIFNJDBM QFUSPMFVN BOE OBUVSBM HBT SF OFSJFT JO NFUBM QSPDFTTJOH BOE PUIFS NVMUJQMF QSPDFTT PQFSBUJPOT

5BTLT QFSGPSNFE VTVBMMZ JOEJWJEVBMMZ PS JO DSFXT JODMVEF PQFSBUJOH B DFOUSBM DPOUSPM SPPN UP NPOJUPS BOE DPOUSPM UIF QSPEVDUJPO PG FMFDUSJDJUZ TUFBN HFOFSBUJPO BOE EJTUSJCVUJPO XBTUFXBUFS TFXBHF USFBUNFOU BOE XBTUF EJTQPTBM QMBOUT DIFNJDBM QFUSPMFVN BOE OBUVSBM HBT SF OFSJFT JO NFUBM QSPDFTTJOH BOE PUIFS NVMUJQMF QSPDFTT PQFSBUJPOT TVQFSWJTF BOE DPPSEJOBUF UIF XPSL PG QSPDFTT DPOUSPM UFDIOJDJBOT NBDIJOF PQFSBUPST BTTFNCMFST BOE PUIFS XPSLFST

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF SJTF UP UIF GPMMPXJOH VOJU HSPVQT

3131 Power Production Plant Operators

3132 Incinerator and Water Treatment Plant Operators

3133 Chemical Processing Plant Controllers

3134 Petroleum and Natural Gas Refining Plant Operators

3135 Metal Production Process Controllers

3139 Process Control Technicians Not Elsewhere Classified

Notes

*O TPNF KPCT UIF XPSL PG QSPDFTTNDCRJOUFSEPXMJUIFDMQJFDSJWBOTTJRNBZPGFTDB JO
PUIFS PDDVQBUJPOT TVDI BT QMBOUNBOBHFSNTBDSIJFOFF PKQIFSTBTUIPSYMBOCEF BDMTBFTTJmFE
JO .JOPS (SPVQ 1SPDFTT $POUSPMMO 5FDIOPMPHJFS BXOPTLFVSOTMJFTTUIF VDQMFFSBWNZ
QSFEPNJOBOU FMFNFOU PG UIF XPSL JBFOTE BUSIF QSFMBRUJTWEPMZUSJNQMBMDFUJWJSUFYBN
B DIFNJDBM QSPDFTTJOH QMBOU DPOUSPMMJOTUSVNFOUBUJPO XIQRSPDFTSTBUUFOTHBVOEJNPBJOUPSRVJQ
NFOU GSPN B DFOUSBM DPOUSPM SPPNJUJBTEPEGMDPFTNVQDBSWJQTFFUVIDFUBDQJWBOU
NBDIJOF PQFSBUPST TIPVME CF DMBTTJmFEFTOHU1MBEVQSPOSMFMFNFOTT
" TVQFSWJTPS PG BTTFNCMFST IPXFTWBSUXVRJBTOBMTTYUSEFXQOPTGJCMEBGSUJ
BVUPNBUFE BTTFNCMZ MJOF JT DMBDTJmFEIJOVQOSWJTPSTQ .BOVGB
0QFSBUPST PG TJOHMF QSPDFTT QMBOUIBOEENFDTJOFTJPSWPPGMWFDBVOUBXBU
DPOUSPM PG NVMUJQMF QSPDFTTFT BSF1SPMJFJTDTMVDEUFEPMO5FDIPSJQSJBVQT 4VDI
PDDVQBUJPOT BSF NBJOMZ DMBTTJmFEJOOF.BKPSSSPVQT BOEMBTTUFBDIF.BT
"MM NJOJOH QMBOU PQFSBUPST BSEFDSMBSTOEm2VBSSOJGSTU (SPVQ .J

Unit Group 3131

Power Production Plant Operators

Power production plant operators operate, monitor and maintain switchboards and related FRVJQNFOU JO FMFDUSJDB MSomeRelatedOccupationsClassiedElsewhere:
control the production and distribution of electrical or other power in transmission networks. 4UFBN FOHJOF BOE CPJMFS PQFSBUP
5IF FRVJQNFOU PQFSBUFE-JNJMVEFT SFBDUPST UVS
CJOFT HFOFSBUPST BOE PUIFS BVYJMJBSZ FRVJQNFOU
in electrical power-generating stations.
5BTLT JNJMVEF o
B PQFSBUJOH NPOJUPSJOH BOE JOTQFDUJOH WBSJPVT
UZQFT PG FOFSHZ HFOFSBUJOH FRVJQNFOU
(b) operating and controlling power-generating TZTUFNT BOE FRVJQNFOU UJFONTMBVEEOSHFMCJUMEFSTRVJQNFOU JO TPM
turbines, generators, condensers and reactors in hydro, thermal, coal, oil, natural gas and nuclear power plants to generate and dis- USJCVUF FMFDUSJDBM QPXFS
(c) controlling start-up and shut-down of power QMBOU FRVJQNFOU DPOUSPM
BUJPOT SFHVMBUJOH XBUFS
cating with systems operators to regulate and DPPSEJOBUF UBOTNJTTJPOUSMFFBUENFOTGBFVMOBVZJE XBTUF QMBO
BOE MJOF WPMUBHFT
(d) taking readings from charts, meters and HBVHFT BU FTUBCMJTIFE JOUFSWBMT
TIPPUJOH BOE QFSGPSNJOH
BT OFDFTTBSZ
(e) completing and maintaining station records, logs and reports, and communicating with PUIFS QMBOU QFSTPOOFM
PQFSBUJOH TUBUVT
G DMFBOJOH BOE NBJOUBJOJOHQFFRUVJQNFOU BOE
as generators, boilers, turbines, pumps and DPNQSFTTPST JO PSEFS UP
failure or deterioration.

Examples of the occupations classi ed here:
%JTUSJCVUJPO DPOUSPM PGFSBUPS
Electric power plant operator
(FOFSBUJOH TUBUJPO PQFSBUPS
Hydroelectric power plant operator
Nuclear power plant operator
Power system operator
Solar power plant operator

Unit Group 3132

Incinerator and Water Treatment Plant Operators

Incinerator and Water Treatment Plant Operators monitor and operate computerized control systems in waste treatment plants to regulate the treatment and disposal of sewage and wastes, and in water ltration and treatment plants to regulate the treatment and distribution of water.
5BTLT JODMVEF o
(a) operating and monitoring computerized control systems to regulate the treatment of sewage, wastes, and in water ltration and treatment plants to regulate the treatment and distribution of water
(b) controlling the operation of multiple-hearth
JOEJOFSBUPS GVSOBDFT BOE SFM
NBUFS EJTQPTBM JOUP OBUVSBM XBU
MBUFS EJTQPTBM
(b) controlling the operation of multiple-hearth JOEJOFSBUPS GVSOBDFT BOE SFM
NFOU QMBOUT
BJOJDTHQFFDRUVJQNFOUBOE
erating conditions, meters, lters, chlorinators and gauges from central control rooms to
EFUFSNJOF MPBE SFRVJSFNFOUT UP
nPXT QSFTTVSFT BOE UFNQFSBUVSFT
TQFDJmDBUJPO BOE UP EFUFDU NBMG
JBSZ FRVJQNFOU TVDI BT FYIBVT

(e) collecting and testing water and sewage samples for chemical and bacterial content, using UFTU FRVJQNFOU BOE DPNQVS BOBMZTJT TUBOEBSET
(f) analysing test results to make adjustments to QMBOU FRVJQNFOU BOE TZTUFNT UP EJTJOGFDU BOE EFPEPSJ[F XBUFS BOE PUIFS TVCTUBODFT
(g) performing security and safety checks in QMBOU BOE PO HSPVOET
(h) completing and maintaining plant logs and reports.

Examples of the occupations classi ed here:
Incinerator operator
-JRVJE XBTUF QSPDFTT PQFSBUPS
Pumping-station operator
Sewage plant operator
Wastewater operator
Water treatment plant operator

Unit Group 3133
Chemical Processing Plant Controllers

Chemical processing plant controllers operate and monitor chemical plants and related multi-function process control machinery, and adjust and NBJOUBJO QSPDFTTJOH VOJUT BOE FRVJQNFOU to distil, lter, separate, heat or re ne chemicals.
5BTLT JODMVEF
(a) operating electronic or computerized control panels from a central control room to monitor and optimize physical and chemical QSPDFTTFT GPS TFWFSBM QSPEVDUT
C BEKVTUJOH FRVJQNFOU WBMWFT BOE QSPDFTT FRVJQNFOU
(c) controlling the preparation, measuring and feeding of raw materials and processing agents TVDI BT DBUBMZTUT BOE mMUFSJOH
(d) controlling process start-up and shut-down, troubleshooting and monitoring outside QSPDFTT FRVJQNFOU
F WFSJGZJOH FRVJQN-FOU GPS NBMGVODUJPOT DBS rying out routine operating tests and arSBOHJOH GPS NBJOUFOBODF
(f) analysing sample products, performing tests, recording data and writing production logs.

Examples of the occupations classi ed here:
Chemical ltering and separating FRVJQNFOU PQFSBUPS
Chemical heat treating plant operator
Chemical process technician
Chemical still and reactor operator

Some related occupations classi ed elsewhere:
Petroleum and natural gas re ning plant PQFSBUPS o
Chemical products plant and machine PQFSBUPS o

Unit Group 3134
Petroleum and Natural Gas Refining Plant Operators

Petroleum and natural gas re ning plant operators operate and monitor plants and adjust and NBJOUBJO QSPDFTTJOH VOJUT BOE FRVJQNFOU to refine, distil and treat petroleum, petroleum-based products and by-products, or natural gas.
5BTLT JODMVEF
(a) operating electronic or computerized control panels from a central control room to monitor and optimize physical and chemical QSPDFTTFT GPS TFWFSBM QSPDFTTJOH C BEKVTUJOH FRVJQNFOU WBMWFT QV BOE QSPDFTT FRVJQNFOU
(c) controlling process start-up and shut-down, troubleshooting and monitoring outside QSPDFTT FRVJQNFOU
E WFSJGZJOH FRVJQNFOU GPS NBMGVO SBOHJOH GPS NBJOUFOBODF
(e) analysing sample products, performing tests, recording data and writing production logs.

Examples of the occupations classi ed here:
Blender operator (petroleum and natural gas re ning)
Petroleum plant operator
Petroleum process operator
Re nery process technician
Still operator (petroleum and natural gas re ning)

Some related occupations classi ed elsewhere:
$IFNJDBM QSPDFTTJOH QMBOU DPOU
Chemical products plant and machine PQFSBUPS o

Unit Group 3135
Metal Production Process Controllers

.FUBM QSPEVDUJPO QSPDFTT DPOUSPM and monitor multi-function process control maDIJOFSZ BOE FRVJQNFOU UP DPOUSPM PG NFUBM DPOWFSUJOH BOE SFmOJOH GV rolling mills and metal heat-treating or metalFYUSVTJPO QMBOUT
5BTLT JODMVEF

(a) coordinating and monitoring the operation of a particular aspect of metal processing production through control panels, computer terminals or other control systems, usually GSPN B DFOUSBM DPOUSPM SPPN
(b) operating multi-function central process control machinery to grind, separate, lter, melt, roast, treat, re ne or otherwise process NFUBMT
D PCTFSWJOH DPNQVUFS QSJOUPVUT WJEFP NPOJUPST BOE HBVHFT UP WFSJGZ TQFDJmFE QSPDFTTJOH DPO EJUJPOT BOE UP NBLF OFDFTTBSZ BEKVTUNFOUT
E DPPSEJOBUJOH BOE TVQFSWJTJOH QSFWJPVTMZ crew such as machine and process operators, BTTJTUBOUT BOE IFMQFST
(e) starting up and shutting down the production system in cases of emergency or as required CZ TDIFEVMF
G QSPWJEJOH BOE PSHBOJ[JOH USBJOJOH GPS NFN CFST PG QSPEVDUJPO DSFXT
(g) maintaining shift logs of production and other data and preparing production and other reports.

Examples of the occupations classi ed here:
Blast furnace operator
Central control caster
Rolling mill control operator

Some related occupations classi ed elsewhere:
-BEMF QPVSFS o
4UFFM SPMMFS o
.FUBM mOJTIJOH NBDIJOF PQFSBUPS

Unit Group 3139

Process Control Technicians Not Elsewhere Classified

5ЦТ VOJU HSPVQ DPWFST QSPDFTT DJBOT QPU DMBTTJmFE FMTFXIFSF JO .JO TVQFSWJTJOH QSFWJPVTMZ 1SPDFTT $POUSPM 5FDIOJDJBOT 'P unit group includes those who operate multiple QSPDFTT DPOUSPM FRVJQN-FOU JO NBOV sembly lines and paper and pulp production.

Examples of the occupations classi ed here:
VUPNBUFE BTTFNCMZ MJOF PQFSBUP
Industrial robot controller
Panel board operator (pulp and paper)
Paper pulp re nery operator
Pulping control operator
Pulping technician

Note
"MM NJOJOH QMBOU PQFSBUPST BS (SPVQ .JOFST BOE 2VBSSJFST

Minor Group 314

Life Science Technicians and Related Associate Professionals

-JGF TDJFODF UFDIOJDJBOT BOE SFMBUFE BTTPDJBUF QSPGFTTJPOBMT XPSL JO UBTLT UP TVQQPSU MJGF TDJFODF QSPGFTTJPOBMT XIP DPOUSJCVUF UP UIF EFWFMPQNFOU PG LOPXMFEHF BOE VOEFSTUBOEJOH JO CJPMPHZ BOE CJPDIFNJTUSZ BOE UP BHSJDVMUVSF mTIFSJFT BOE GPSFTUSZ and biochemistry, and to agriculture, sheries and forestry.

5BTLT QFSGPSNFE WTVBMMZ JODMVEF NBJOUBJOJOH BOE PQFSBUJOH MBCPSBUPSZ FRVJQNFOU BOE JOTUSVNFOUT UP DPMMFDU BOE BOBMZTF TBNQMFT PG NBUFSJBMT BOE QSPEVDUT BOE UP DPOEVDU UFTUT BOE BOBMZTFT JO BDDPSEBODF XJUI FTUBCMJTIFE QSPDFEVSFT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF JODSFBTFE FNQIBTJT PO UIF GPM

3141 Life Science Technicians (excluding Medical)

3142 Agricultural Technicians

3143 Forestry Technicians

Unit Group 3141

Life Science Technicians (excluding Medical)

-JGF TDJFODF UFDIOJDJBOT5BLF DBSF PG MBCPSBUPSZ FRVJQNFOU QSPWJEF UFDIOJDBM TVQQPSU UP TDJFOUJTUT BOE PUIFS QSPGFTTJPOBMT undertaking research, analysis and UFTUJOH PG MJWJOH PSHBOJTNT application of products and processes resulting from research in areas such as natural resource NBOBHFNFOU FOWJSPONFOUBM QSPUI and animal biology, microbiology, and cell and molecular biology.

(a) assisting in designing, setting up and conEVDUJOH FYQFSJNFOUT
(b) TFUUJOH VQ, DBMJCSBUJOH, PQFSBUJOH BOE NBJOUBJOJOH MBCPSBUPSZ FRVJQNFOU

(c) collecting and preparing specimens and samples, chemical solutions and slides and
H SPXJOH DVMUVSFT GPS VTF UP EYQPSTJNBFOEUMJWFT-UPDL BOE E
E QFSGPSNJOH SPVUJOF mFME BWJEJMBCPNSBUPSZ UFTUTDPOUSPM
F NPOJUPSJOH FYQFSJNFOU(e) analysing produce to set and maintain stand-
UP DPSSFDU MBCPSBUPS-Z RVBMJUZ DRVOBUSJUZ QSP
DFEVSFT BOE IFBMUI BOE TBGGFUZ PHVEJVEMJOFT PS TVQFSWJTJOH
G NBLJOH PCTFSWBUJPOT PG gram tests; and maintaining greenhouse
calculating, recording and reporting test re-
TVMUT VTJOH BQQSPQSJBUFHTDBMFOEBSJOHEFBUBMZTJTTPGTFFET GPS
H QSFTFSWJOH DMBTTJG-ZJOHBOEEEBUBMZTJTOHSBQIFOH
JNFOT BOE TBNQMFT I DPMMFDUJOH EBUB BOE FTUJNBUJOH
I LFFQJOH EFUBJMFE MPHT PG DXPSLUQFSGPSNSNUEFSJBMT BOE MBCP
J VTJOH DPNQVUFST UP-EFWFMPQFDUFMT BOE BOB
MZTF EBUB (i) organizing maintenance and repairs of re-
K VTJOH DPNQMFY BOE IJHI QFXBSFDE**FRVJQNFOU**
UP QFSGPSN XPSL
L QBSUJDJQBUJOH JO UIF SExamples of the occupations classified here:
BOE NBOVGBDUVSF PG QSPEVDU%TBJSZUFSDIDJBO
M PSEFSJOH BOE TUPDLJOH MBCoratory technician
N NBJOUBJOJOH SFMFWBOU EBUHerd tester
Horticultural technician
Poultry technician

Examples of the occupations classified here:
Bacteriology technician
Biochemistry technician
Herbarium technician
Pharmacology technician
Serology technician
5JTTVF DVMUVSF UFDIOJDJBO
Zoology technician

Some related occupations classified elsewhere:
"SUJmDJBM JOTFNJOBUPS o
7FUFSJOBSZ UFDIOJDJBO o

Some related occupations classified elsewhere:
'PSFOTJD TDJFODF UFDIOJDJBO o
.FEJDBM MBCPSBUPSZ UFDIOJDJBO o
1BUIPMPHZ MBCPSBUPSZ UFDIOJDJBO o
1IBSNBDFVUJDBM UFDIOJDJBO o

Unit Group 3142
Agricultural Technicians

Unit Group 3143
Forestry Technicians

"HSJDVMUVSBM UFDIOJDJBOTForestry technicians perform technical and su-
QFSJNFOUT BOE QSPWJEF UFDIOJDBM GVODUJPOT JO TVQQPSU PG G
support to agricultural scientists, farmers and farm managers.
5BTLT JODMVEF o
B QSFQBSJOH NBUFSJBMT BOE EQVJQNFOU GPSFTU NBOBHFNFOU IBSWFTUJ
QFSJNFOUT UFTUT BOE BOEDMJNBUFNFOUJOH TVQFSWJTJOH BOE
(b) collecting and preparing specimens such as soils, plant or animal cells, tissues or parts
PG BOJNBM PSHBOT GPS FYBNJOBUJPO BOE TUPSBHF PQT
BOBMZTFT
D BTTJTUJOH XJUI BOE QFSGPSNJOH Sforest resources, fire, disease or insect con-
tests and analyses applying methods and
UFDIOJRVFT TVDI BT JNNVOPMPHZ trol or pre-commercial thinning of forest
istry, chromatography, electrophoresis and
TQFDUSPTDPQZ
DPOTFSWBUJPO BOE FOWJSPONFOUBM QS
5BTLT JODMVEF o
B DPOEVDUJOH GPSFTU JOWFOUPSJFT
eld measurements following accepted sci-
FOUJmD BOE PQFSBUJPOBM QSPDFEV
(b) assisting in and performing technical func-
tions in the preparation of forest management
BOE NBQQJOH UFDIOJRVFT BOE DPNQ
JOGPSNBUJPO TZTUFNT
D BTTJTUJOH JO QMBOOJOH BOE TVQFS
UFDIOJDBM GVODUJPOT JO TJMWJD
BUJPOT JOWPMWJOH TJUF QSFQBSBU
F DPPSEJOBUJOH BDUJWJUJFT TVDI BT
G TVQFSWJTJOH BOE QFSGPSNJOH UF
UJPOT JO GPSFTU IBSWFTUJOH PQFSB

(g) ensuring adherence to regulations and pol- BOE EJTFBTF TVSWFZT PS FYQFSJNFO
JDJFT DPODFSOJOH FOWJSPOINFOUBM QSPUFDUJPO IDOUJPSOJOH SFTFBSDI
resource utilization, re safety and accident K QSFQBSJOH GPSFTU DVMUJWBUJP
QSFWFOUJPO plans.
I TVQFSWJTJOH GPSFTU USFF OVSTFSZ PQFSBUJPOT
J QSPWJEJOH UFDIOJDBM BEWJDF PO GPSFTU SZ SF Examples of the occupations classi ed here:
search programmes in areas such as tree im- Forestry technician
QSPWFNFOU TFFE PSDIBSE PQFSBUJPOT

Minor Group 315
Ship and Aircraft Controllers and Technicians

4IJQ BOE BJSDSBGU DPOUSPMMFST BOBEUFUFDJQJDBEHE-TBDSPNNBGUE EQFE
GPSN UFDIOJDBM GVODUJPOT UP FOTVSF QTFBSGBFUBPDET F EDJE CEUFWMPMWFQ
electrical, electromechanical and computerized air control systems.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFDIEPDDSMMMNHEUSJFDBQMFBEJ
USPOJD FRVJQNFOU PO CPBSE TIJQ FSWPHOBJSDSTBGQT EBNENSOSBC
EJSFDUJOH UIF NPWFNFOUT PG TIJQTD BM BFMFSBGSNEEWBFOJDQBJMOH
computerized air control systems.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSEJDMBSTFVQFE JOUP UIF GPM
3151 Ships' Engineers
3152 Ships' Deck Officers and Pilots
3153 Aircraft Pilots and Related Associate Professionals
3154 Air Traffic Controllers
3155 Air Traffic Safety Electronics Technicians

Unit Group 3151
Ships' Engineers

Ships engineers control and participate in the operation, maintenance and repair of mechan-
JDBM FMFDUSJDBM BOE FMFDUSPOJD FRVJQNFOU BOE
machinery on board ship, or perform related supporting functions on shore.
5BTLT JODMVEF o
(a) controlling and participating in the oper- ation, maintenance and repair of mechan-
JDBM FMFDUSJDBM BOE FMFDUSPOJD FRVJQNFOU BOE
NBDIJOFSZ PO CPBSE TIJQ
(b) ordering fuel and other engine-room depart- ment stores and maintaining records of oper-
BUJPOT
D QFSGPSNJOH UFDIOJDBM TDVRNFSBVJETJOHO EPGE UCEBWJOHBUJOH T
stallation, maintenance and repair of ships WFTTFM BU TFB PS PO JOMBOE XBUFS
NBDIJOFSZ BOE FRVJQNF-OU(b) Uon FoTing vaF parDhQiWJin deck and
BODF XJUI TQFDJmDBUJPOT BCOEJSHFHVNBUJPBDTUJWJUJFT
(d) inspecting and conducting maintenance and emergency repairs to engines, machinery and
BVYJMJBSZ FRVJQNFOU
(e) standing engine room watch, monitoring and noting performance of engines, machinery
BOE BVYJMJBSZ FRVJQNFOU

Example of the occupations classi ed here:
Ships engineer

Some related occupations classi ed elsewhere:
.BSJOF FOHJOFFS o

Unit Group 3152
Ships' Deck Officers and Pilots

Ships deck officers and pilots command and
OBWJHBUF TIJQT BOE TJNJMBS WFTTFM
related functions on shore.
5BTLT JODMVEF o
D OBWJHBUJOH WFTTFMT JOUP BOE
through channels, straits and other waters
(d) ensuring safe loading and unloading of cargo
BOE PCTFSWBODF PG TBGFUZ SFHV
QSPDFEVSFT CZ DSFX BOE QBTTFOHF

F QFSGPSNJOH UFDIOJDBMMEXamples of the occupations classi ed here:
tenance and repair of ships to ensure com-
QMJBODF XJUI TQFDJmDBUJPOTFlight Engineer
(f) applying knowledge of principles and prac-
UJDFT SFMBUJOH UP TIJQT Flying instructor
UJPO JO PSEFS UP JEFOUJGZPilot (aircraft)
BSJTJOH JO UIF DPVSTF PG UIFJS XPSL
(g) ordering ships stores, recruiting crew as
SFRVJSFE BOE NBJOUBJOJOH SFDPSET PG PQFS
BUJPOT
I USBOTNJUUJOH BOE SFDFJWJOH PGgency information with shore stations and
other ships.

Examples of the occupations classi ed here:
Pilot (ship)
Ships captain
Skipper (yacht)

Some related occupations classi ed elsewhere:
$PBTUBM mTIFSZ TLJQQFS
5SBXMFS TLJQQFS o
4BJMPS o

Unit Group 3153
Aircraft Pilots and Related Associate Professionals

"JSDSBGU QJMPUT BOE SFMBUFE(e) Initiating and organizing emergency search
control the operation of mechanical, electrical and
FMFDUSPOJD FRVJQNFOU JO PSEfor transporting passengers, mail and freight, and
QFSGPSN SFMBUFE QSF nJHIU(b) Maintaining radio and telephone contact
5BTLT JODMVEF o
B nZJOH BOE OBWJHBUJOH thewith established control and operating pro-
DFEVSFT
C QSFQBSJOH BOE TVC-NJUUJOH nJHIU QMBOT PS FY
BNJOJOH TUBOEBSE nJHIU Examples of the occupations classi ed here:
(c) controlling the operation of mechanical,
FMFDUSJDBM BOE FMFDU-USPOJD FRVJQNFOU BOE FO
suring that all instruments and controls work
QSPQFSMZ
(d) applying knowledge of principles and prac-
UJDFT PG nZJOH JO PSEFS UP
QSPCMFNT BSJTJOH JO UIF DPVSTF PG UIFJS XPSL
F FYBNJOJOH NBJOU-FO"JS USBGFDBGFUZ FMFDUSPOJDT UFDIOJ
ducting inspections to ensure that aircraft
are mechanically sound, maintenance has
CFFO QFSGPSNFE BOE
PQFSBUJPOBM
(f) signing necessary certificates and main-
UBJOJOH P DJBM SFDPSET
(g) obtaining briefings and clearances before
flights and maintaining contact with air
USB D PS nJHIU DPOUSPM

Unit Group 3154
Air Traffic Controllers

"JS USB D DPOUSPMMFST EJSFDU BJSDS
in airspace and on the ground, using radio, radar
BOE MJHIUJOH TZTUFNT BOE QSPW
SFMFWBOU UP UIF PQFSBUJPO PG BJSDS
5BTLT JODMVEF o
(a) directing and controlling aircraft ap-
QSPBDIJOH BOE MFBWJOH BJSQPSU
NPWFNFOU PO UIF HSPVOE
(b) directing and controlling aircraft operating
JO EFTJHOBUFE BJSTQBDF TFDUPST
D FYBNJOJOH BOE BQQSPWJOH nJHIU C
E JOGPSNJOH nJHIU DSFX BOE PQFSE
about weather conditions, operational facil-
JUJFT nJHIU QMBOT BOE BJS USB D
(e) applying knowledge of principles and prac-
tices of air tra c control in order to identify
BOE TPMWF QSPCMFNT BSJTJOH JO U
UIFJS XPSL
BUJPOT PG BJSDSBGU BOE BJSQPSU
BOE SFTDVF TFSWJDFT BOE QSPDFEVS
WFIJDMFT PO PS OFBS BJSQPSU SVOX
with adjacent control towers, terminal con-
trol units and other Control Centres, and
DPPSEJOBUJOH UIF NPWFNFOU PG
adjoining areas.
"JS USB D DPOUSPMMFS
FO

Unit Group 3155
Air Traffic Safety Electronics Technicians

technical tasks concerning the design, installa-
tion, management, operation, maintenance and
systems.
5BTLT JODMVEF o
(a) carrying out technical duties related to the
EFWFMPQNFOU PG FMFDUSPOJD BOE D
BJS OBWJHBUJPO TZTUFNT BOE FRVJ

C QSPWJEJOH UFDIOJDBM IFMQ JO QSPWJEJOH DFSUBJO UZQFT PG TFSWJDFT layout of speci c interface circuitry of air OBWJHBUJPO BOE BJSDSBGU TZTUFNT

(c) preparing and contributing to the preparation of cost estimates and technical and training speci cations for air tra c control BOE TBGFUZ FRVJQNFOU

E QSPWJEJOH PS BTTJTUJOH XPSLFST JO QFSGPSNJOH DPOTUSVDUJPO PG HSPVOE CBTFE BJS OBWJHBUJPO FRVJQNFOU BOE JUT NBJOUFOBODF BOE SFQBJS to ensure that standards and speci cations BSF NFU

(e) applying the knowledge and skills of air tra c safety engineering principles and practices in the course of UIFJS EVUJFT JO PSEFS UP JEFOUJGZ BOE BTTFTT TBGFUZ IBaSBSET JO UIF DPVSTF PG UIFJS XPSL

G EFWFMPQJOH NPEJGZJOH BOE UFTUJOH TPGUXBSF

H NPEJGZJOH FYJTUJOH HSPVOE CBTFE BJS OBWJHBUJPO TZTUFNT BOE FRVJQNFOU UP BEBQU UIFN UP new air tra c control procedures, in order to

(h) controlling, monitoring and certifying communication, navigation and surveillance ground equipment BOE DBMJCSBUJOH OBWJHBUJPO BOE TVSWFJMMBODF FRVJQNFOU BOE DBMJCSBUJOH HSPVOE CBTFE BJS OBWJHBUJPO TZTUFNT NBZ JNVN BDDVSBDZ BOE TBGFUZ PG nJHIU PQFSBUJPOT PG HSPVOE CBTFE BJS OBWJHBUJPO FRVJQNFOU BOE JUT NBJOUFOBODF BOE SFQBJS to ensure that standards and speci cations BSF NFU

Examples of the occupations classi ed here:

"JS USB D TBGFUZ FOHJOFFS

"JS USB D TBGFUZ UFDIOJDJBO

Some related occupations classi ed elsewhere:

"JSDSBGU BTTFNCMFS o

"JSDSBGU FOHJOF UFTUFS o

"FSPOBVUJDBM FOHJOFFS o

"WJPOJDT UFDIOJDJBO o

Sub-ma~or Group 32

Health Associate Professionals

Health associate professionals perform technical and practical tasks to support diagnosis and treatment of illness, disease, injuries and impairments in humans and animals, and to support implementation of health care, treatment and referral plans usually established by medical, WFUFSJOBSZ OVSTJOH BOE PUIFS IFBMUI QSPGFTTJPOBMT U$PNQBSF UJPOT JO UIJT TVC NBKPS HSPVQ SFRVJSF UIF UIJSE *4

5BTLT QFSGPSNFE CZ XPSLFST JO UIFTF VOJUT JODMVEF o NFEJDBM JNBHJOH FRVJQNFOU BOE BQQMJBODFT o TQFDJNFOT PG CPEJMZ nVJET BOE UIFJS TVCTUBODFT o QPVOEET VOEFS UIF HVJEBODF PG QIBSNBDJTUT BOE EFOUBM EFWJDFT BOE BQQMJBODFT o TFSWJDFT VTJOH IFSCBM BOE PUIFS TUBOEBSE originating in speci c cultures.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF UIF

- **321 Medical and Pharmaceutical Technicians**
- **322 Nursing and Midwifery Associate Professionals**
- **323 Traditional and Complementary Medicine Associate Professionals**
- **324 Veterinary Technicians and Assistants**
- **325 Other Health Associate Professionals**

Minor Group 321

Medical and Pharmaceutical Technicians

.FEJDBM BOE QIBSNBDFVUJDBM UFDIOJDJBOT JOTUBMM BOE PQFSBUF NFEJDBM FRVJQNFOU BOE QSPWJEF QIBSNBDFVUJDBM TFSWJDFT VOEFS UIF HVJEBODF PG QIBSNBDJTUT treatment of illness, disease, injuries and impairments.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF o NFEJDBM JNBHJOH FRVJQNFOU BENJOJTUFSJOH PSBM EPTF QSFQBSJOH NFEJDBUJPOT BOE EFUFDU PS USFBU EJTFBTFT QFSGPSNJOH mUUJOH TFSWJDFDJUCHMBTTFQFWSJEFQBJBSSBOHFHMBTTFT o preparing medications and other pharmaceutical compounds under the guidance of pharma- DJTUT EFTJHOJOH mUUJOH TFSWJDFDJUCHMBTTFQFWSJEFQBJBSSBOHFHMBTTFT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF UIF GPM

- **3211 Medical Imaging and Therapeutic Equipment Technicians**
- **3212 Medical and Pathology Laboratory Technicians**
- **3213 Pharmaceutical Technicians and Assistants**
- **3214 Medical and Dental Prosthetic Technicians**

Unit Group 3211

Medical Imaging and Therapeutic Equipment Technicians

.FEJDBM JNBHJOH BOE UIFSBQFVUJD FRVJQNFOU UFDIOJDJBOT test and operate radiographic, ultra- TPVOE BOE PUIFS NFEJDBM JNBHJOH FRVJQNFOU to produce images of body structures for the diag- nosis and treatment of injury, disease and other JNQBJSNFOUT 5IFZ NBZ BENJOJTUFS TJNQMF EJBHOPTUJD UFTUT BOE USFBUNFOUT UP QBUJFOUT VOEFSTUBOE UIF SFTVMUT BOE radiologist or other health professional.

5BTLT JODMVEF o

B PQFSBUJOH PS PWFSTFFJOH diologic, ultrasound and magnetic imaging FRVJQNFOU UP QSPEVDF JNBHFT PG UI

C FYQMBJOJOH QSPDFEVSFT PCTF UP FOTVSF TBGFUZ BOE ÐPNGPSU EVS BUJPO TDBO PS USFBUNFOU

D PQFSBUJOH BOE DPOUSPMMJOH SBEJPMPHJDBM JNBHJOH PS USFBUNF settings and controls according to technical TQFDJmDBUJPOT

E SFWJFXJOH BOE FWBMVBUJOH WBMJEJUZ PG FMFDUSPOJD JNBHFT
WJEFPUBQF PS DPNQVUFS HFOFSBUFE JOGPSNBUJPO
TVNNBSJTJOH SFTVMUT
I SFDPSEJOH BOE EJTQPTJOH SBEJPQIBSNBDFVUJDBMT

Examples of the occupations classi ed here:
%JBHOPTUJD NFEJDBM TPOPHSBQIFS
.BHOFUJD SFTPOBODF JNBHJOH UFDIOPMPHJTU
.BNNPHSBQIFS
.FEJDBM SBEJBUJPO UIFSBQJTU
Nuclear medicine technologist
Radiographer
Sonographer

Some related occupations classi ed elsewhere:
.FEJDBM QIZTJDJTU o
3BEJPMPHJTU o
3BEJBUJPO QSPUFDUJPO FYQFSU o
.FEJDBM JNBHJOH BTTJTUBOU o

Unit Group 3212

Medical and Pathology Laboratory Technicians

.FEJDBM BOE QBUIPMPHZ MBCPSBUPSZ UFDIOJDJBOT perform clinical tests on specimens of bodily fluids and tissues in order to obtain information about the health of a patient or cause of death.

5BTLT JODMVEF o
B DPOEVDUJOH DIFNJDBM BOE NJDSPTDPQJD FYBNJOBUJPOT JOEJDBUJWF PG EJTFBTF
determine presence of normal and abnormal DPNQPOFOUT
(b) operating, calibrating and maintaining FRVJQNFOU VTFE JO RVBOUJUBUJWF BOBMZTJT TVDI BT DBMPSJNFUFST nBNF QIPUPNFUFST BOE QVMTF DPOUSPMMFE BOBMZTFST
(c) entering data from analysis of laboratory tests and clinical results into record-keeping systems, and reporting results to medical QSBDUJUJPOFST BOE PUIFS IFBMUI QSPGFTTJPOBMT
(d) analysing samples of biological material for WJEFPUBQF PS DPNQVUFS HFOFSBUFE JOGPSNBUJPO
(e) setting up, cleaning and maintaining laboratory FRVJQNFOU
(f) analysing laboratory findings to check the BDDVSBDZ PG UIF SFTVMUT
(g) establishing and monitoring programmes to ensure the accuracy of laboratory results, BOE EFWFMPQJOH TUBOEBSEJ[JOH TBNQMJOH QSPDFEVSFT UFDIOJRVFT VTFE JO UIF BOBMZTJT PG TQFDJNFOT BOE DVMUJWBUJOH NJDSPPSHBOJTNT
J FYBNJOJOH DFMMT TUBJOFE XJUI CBDUFSJBM TQFDJFT
(j) inoculating fertilized eggs, broths or other CBDUFSJPMPHJDBM NFEJB XJUI PSHBOJTNT

Examples of the occupations classi ed here:
Blood-bank technician
Cytology technician
Pathology laboratory technician

Some related occupations classi ed elsewhere:
1BUIPMPHJTU o
'PSFOTJD TDJFODF UFDIOJDJBO o
7FUFSJOBSZ UFDIOJDJBO o
1IMFCPUPNJTU o

Unit Group 3213

Pharmaceutical Technicians and Assistants

Pharmaceutical technicians and assistants perGPSN B WBSJFUZ PG -UBTLT BTTJTUJOH
pensing medicinal products under the guidance of a pharmacist or other health professional.

5BTLT JODMVEF o
(a) preparing medications and other pharmaceutical compounds under the guidance of a QIBSNBDJTU PS PUIFS IFBMUI QSPGFTTJPOBM
(b) dispensing medicines and drugs to clients BOE HJWJOH XSJUUFO BOE PSBM JOTUSVDUJPOT
D SFDFJWJOH QSFTDSJQUJPOT PS SFm IFBMUI QSPGFTTJPOBMT-BOE WFSJGZJOH
mation is complete and accurate according
(B maintaining proper storage and security
(c) filling and labelling containers with prescribed items
G BTTJTUJOH DMJFOUT CZ BOTXFSJOH
cating items or referring them to a pharma-

H QSJDJOH BOE GJMJOH QSFTDSJQUJPOT been lled and establishing and maintaining patient records, including lists of medica-
UJPOT UBLFO CZ JOEJWJEVBM
(h) ordering, labelling and counting stocks of medications, chemicals and supplies, and
FOUFSJOH JOWFOUPSZ EBUB
TZTUFNT
J DMFBOJOH BOE QSFQBSJOH tainers used to prepare and dispense medicines and pharmaceutical compounds.

Examples of the occupations classi ed here:
%JTQFOTJOH UFDIOJDJBO
Pharmaceutical assistant
Pharmaceutical technician

Some related occupations classi ed elsewhere:
1IBSNBDJTU o
1IBSNBDPMPHZ UFDIOJDJBO
1IBSNBDZ BJEF o

Unit Group 3214
Medical and Dental Prosthetic Technicians

.FEJDBM BOE EFOUBM QSPTUIFUJD
mU TFSWJDF BOE SFQBJS NFEJDBM
and appliances following prescriptions or instruc-
UJPOT FTUBCMJTIFE CZ B IFBMUI
NBZ TFSWJDF B XJEF SBOHF PG
to correct physical medical or dental problems, such as neck braces, orthopaedic splints, arti cial limbs, hearing aids, arch supports, dentures, and dental crowns and bridges.
5BTLT JODMVEF o
B FYBNJOJOH JOUFSWJFXJOH tients in order to determine their appliance needs, and to identify factors that could
B FDU BQQMJBODF mU
(b) conferring with medical and dental practitioners in order to formulate speci cations
BOE QSFTDSJQUJPOT GPS
(c) interpreting prescriptions or speci cations to
EFUFSNJOF UIF UZQF PG

fabricated, and the materials and to be worn
XJMM CF SFRVJSFE
E NBLJOH PS SFDFJWJOH DBTUT PS
patients' torsos, limbs, mouths or teeth for
VTF BT GBCSJDBUJPO QBUUFSOT
(e) designing and making orthotic and prosthetic
and thermosetting materials, metal alloys
G mUUJOH BQQMJBODFT BOE EFWJD
UFTUJOH BOE FWBMVBUJOH UIFN
adjustments for proper fit, function and
DPNGPSU
(g) repairing, modifying and maintaining med-
JDBM BOE EFOUBM QSPTUIFUJD BOE
WJDFT BDDPSEJOH UP TQFDJmDBUJ
(h) bending, forming and shaping fabric or material so that it conforms to prescribed contours needed to fabricate structural com-
QPOFOUT
(i) fabricating full and partial dentures and constructing mouth guards, crowns, metal
DMBTQT JOMBZT CSJEHFXPSL BOE
(j) instructing patients in the use and care of
QSPTUIFUJD PS PSUIPUJD EFWJDFT

Examples of the occupations classi ed here:
%FOUBM MBCPSBUPSZ UFDIOJDJBO
Dental technician
Orthodontic technician
Orthopaedic appliance maker
Orthoptic technician
Orthotist
Prosthetic technician
Prosthetist

Some related occupations classi ed elsewhere:
4VSHJDBM JOTUSVNFOU NBLFS o

Note
0DDVQBUJPOT JODMVEFE JO UIJT VOJU OPSNBM
medical, dental and anatomical and engineering know-
who construct and repair precision medical and surgical
instruments are not included under

Minor Group 322
Nursing and Midwifery Associate Professionals

/VSTJOH BOE NJEXJGFSZ BTTPDJBUF
people who are physically or mentally ill, disabled or in rm, and for others in need of care
EVF UP QPUFOUJBM SJTLT UP
XPSL VOEFS UIF TVQFSWJTJPO PG
and referral plans established by medical, nursing, midwifery and other health professionals.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF BTTJTUJOH XPNFO PO UIFJS SFUVSO UP XPSL BGUFS CJSUI BOE QSPWJEJOH BEWJDF UP XPNFO PO DBSJOH GPS UIFNTFMWFT BOE UIFJS OFXCPSO DIJMESFO JODMVEJOH JNNVOJTBUJPOT BOE BQQMZJOH TVSHJDBM ESFTTJOHT 5IFZ NBZ BMTP QSPWJEF IFBMUI FEVDBUJPO BOE QSPNPUJPO JOUFSWFOUJPOT TVDI BT CSFBTUGFFEJOH TVQQPSU HSPVQT BOE DPNNVOJUZ OVUSJUJPO QSPHSBNNFT 5IFZ BMTP QSPWJEF DPVOTFMMJOH PO TFYVBM BOE SFQSPEVDUJWF IFBMUI JTTVFT BOE DPOEVDU TFYVBM IFBMUI FEVDBUJPO QSPHSBNNFT GPS XPNFO BOE DPNNVOJUJFT 5IFZ QSPWJEF DBSF BOE TVQQPSU GPS XPNFO BOE OFXCPSOT GPMMPXJOH DIJMECJSUI

women and newborns following childbirth.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDUMHBSTFWQFE JOUP UIF GPM

3221 Nursing Associate Professionals

3222 Midwifery Associate Professionals

Note

5IF EJTUJODUJPOT CFUXFFO OVSTJOH BTTPDJBUF QSPGFTTJPOBMT BSF CBTFE PO UIF EJGGFSFODFT JO UIF QFSGPSNBODF PG UIF UBTLT QFSGPSNFE JO SFMBUJPO UP UIF UBTLT TQFDJGJFE JO UIJT EFGJOJUJPO made on the basis of the nature of the work performed in relation to the tasks speci ed in this de nition

BOE JO UIF SFMFWBOU WOJU HSPVQ MEEFnCZJJUCJDJWTJEMBMRTVBMJUBUJWF TLJMM MFWFMT PG UIF UBTLT QFSGPSNFE JO UIF DPVOUSZ BSF OPU UIF NBJO GBDUPS JO NBLJOH UIJT EJTUJODUJPO BT USBJOJOH BSSBOHFNFOUT GPS OVSTFT BOE the country are not the main factor in making this distinction, as training arrangements for nurses and

NJEXJWFT WBSZ XJEFMZ CFUXFFO DPVOUSJFT DFQFOEJOH PO UIF TZTUFN PG USBJOJOH BOE SFHVMBUJPO PG UIF QSPGFTTJPO

Unit Group 3221

Nursing Associate Professionals

/VSTJOH BTTPDJBUF QSPGFTTJPOBMT QSPWJEF OVSTJOH BOE QFSTPOBM DBSF GPS QFPQMF JO OFFE PG TVDI DBSF EVF UP F FDUT PG BHFJOH PS PUIFS QIZTJDBM PS NFOUBM IFBMUI DPOEJUJPOT TVDI BT EFNFOUJB PS MFBSOJOH EJTBCJMJUJFT 5IFZ NBZ BMTP QSPWJEF DPVOTFMMJOH PO TFYVBM BOE SFQSPEVDUJWF IFBMUI JTTVFT BOE DPOEVDU TFYVBM IFBMUI FEVDBUJPO QSPHSBNNFT GPS QBUJFOUT BOE DMJFOUT PG IFBMUI TFSWJDFT 5IFZ QSPWJEF DBSF BOE TVQQPSU GPS QBUJFOUT BOE IFBMUI QSPGFTTJPOBMT JO IFBMUI DBSF GBDJMJUJFT BOE DPNNVOJUJFT 5IFZ NBZ BMTP QSPWJEF IFBMUI FEVDBUJPO BOE QSPNPUJPO JOUFSWFOUJPOT TVDI BT CSFBTUGFFEJOH TVQQPSU HSPVQT BOE DPNNVOJUZ OVUSJUJPO QSPHSBNNFT GPS XPNFO BOE DPNNVOJUJFT 5IFZ QSPWJEF DBSF BOE TVQQPSU GPS XPNFO BOE OFXCPSOT GPMMPXJOH DIJMECJSUI

nursing and personal care for people in need of support of, implementation of health care, treatment and referral plans established by medical, nursing and other health professionals.

5BTLT JODMVEF o

(a) providing nursing care according to care plans established by health QSPGFTTJPOBMT

(b) administering medications and other treatments to patients, monitoring patients condition and responses to treatment, and referring patients and their families to a health professional for specialized care as OFFEFE

(c) cleaning wounds and applying surgical dressJOHT

(d) updating information on patients condition BOE USFBUNFOUT SFDFJWFE BOE QSPWJEJOH TZTUFNT

(e) assisting in planning and managing the care PG JOEJWJEVBM QBUJFOUT BOE IFBMUI QSPHSBNNFT JO IPTQJUBMT BOE IFBMUI DBSF GBDJMJUJFT

Examples of the occupations classi ed here:

"TTJTUBOU OVSTF

"TTPDJBUF QSPGFTTJPOBM OVSTF

Enrolled nurse

Practical nurse

Some related occupations classi ed elsewhere:

$MJOJDBM OVSTF DPOTVMUBOU o

1SPGFTTJPOBM OVSTF o

1SPGFTTJPOBM NJEXJGF o

Note

5IF EJTUJODUJPO CFUXFFO QSPGFTTJPOBM OVSFT TIPVME CF NBEF PO UIF CBTJT PG UIF OBUVSF PG UIF XPSL QFSGPSNFE JO SFMBUJPO UP UIF UBTLT professional nurses should be made on the basis of the nature of the work performed in relation to the tasks

5BTLT GPS PUIFS QIZTJDBM PS NFOUBM IFBMUI QSPGFTTJPOBMT JODMVEF QSPWJEJOH PVUSFBDI BOE FEVDBUJPOBM TVQQPSU UP QBUJFOUT BOE DMJFOUT PG IFBMUI TFSWJDFT BOE DPNNVOJUJFT 5IFZ NBZ BMTP QSPWJEF IFBMUI FEVDBUJPO BOE QSPNPUJPO JOUFSWFOUJPOT TVDI BT CSFBTUGFFEJOH TVQQPSU HSPVQT BOE DPNNVOJUZ OVUSJUJPO QSPHSBNNFT GPS XPNFO BOE DPNNVOJUJFT 5IFZ QSPWJEF DBSF BOE TVQQPSU GPS XPNFO BOE OFXCPSOT GPMMPXJOH DIJMECJSUI

the main factor in making this distinction, as training BSSBOHFNFOUT GPS OVSTFT BOE IFBMUI QSPGFTTJPOBMT BOE BTTPDJBUF QSPGFTTJPOBMT JO UIF DPOUFYU PG UIFJS XPSL BSF CBTFE PO UIF OBUVSF PG UIF XPSL QFSGPSNFE JO SFMBUJPO UP UIF UBTLT

Unit Group 3222

Midwifery Associate Professionals

.JEXJGFSZ BTTPDJBUF QSPGFTTJPOBMT QSPWJEF DBSF BOE BEWJDF CFGPSF EVSJOH QSFHOBODZ BOE DIJMECJSUI 5IFZ JNQMFNFOU BOE SFQSPEVDUJWF IFBMUI FEVDBUJPO QSPHSBNNFT VTVBMMZ FTUBCMJTIFE CZ medical, midwifery and other health professionals.

5BTLT JODMVEF o

(a) providing midwifery care and advice during pregnancy, birth, postnatal FYFSDJTF CJSUI BOE FNFSHFODZ QMBOT BOE QSPWJEJOH BEWJDF UP XPNFO PO DBSJOH GPS UIFNTFMWFT BOE UIFJS OFXCPSO DIJMESFO JODMVEJOH JNNVOJTBUJPOT BOE BQQMZJOH TVSHJDBM ESFTTJOHT 5IFZ NBZ BMTP QSPWJEF IFBMUI FEVDBUJPO BOE QSPNPUJPO JOUFSWFOUJPOT TVDI BT CSFBTUGFFEJOH TVQQPSU HSPVQT BOE DPNNVOJUZ OVUSJUJPO QSPHSBNNFT GPS XPNFO BOE DPNNVOJUJFT 5IFZ QSPWJEF DBSF BOE TVQQPSU GPS XPNFO BOE OFXCPSOT GPMMPXJOH DIJMECJSUI

feeding, infant care, family planning and contraception, lifestyle and other topics re-

MBUFE UP QSFHOBODZ BOE DIJMECJSUI

(b) assessing progress during pregnancy and childbirth, and recognizing signs and symptoms re-

RVJSJOH SFGFSSBM UP B IFBMUI QSPGFTTJPOBM GPS GVSUIFS NBOBHFNFOU

D QSPWJEJOH EFMJWFSZ DBSF TFSWJDFT UP QBUJFOUT JO UIF absence of identi ed potential complications, or assisting medical doctors or midwifery QSPGFTTJPOBMT XJUI EFMJWFSZ DBSF E QSPWJEJOH DBSF BOE TVQQPSU UP XPNFO BOE newborns following childbirth, monitoring their health status, and identifying signs and TZNQUPNT SFRVJSJOH SFGFSSBM UP B IFBMUI QSP fessional.

Examples of the occupations classi ed here:
"TTJTUBOU NJEXJGF
5SBEJUJPOBM NJEXJGF

Some related occupations classi ed elsewhere:
$MJOJDBM OVSTF DPOTVMUBOU o
1SPGFTTJPOBM OVSTF o
4QFDJBMJTU OVSTF o

Notes
5IJT VOJU HSPVQ JODMVEFT PDDVQBUJPOT GPS X
QFSGPSNBODF SFRVJSFT LOPXMFEHF BOE TLJMM
FNFSHFODZ NJEXJGFSZ DBSF BDRVJSFE UISPVHI
GPSNBM USBJOJOH 5IF DSJUFSJB GPS JODMVTJP
This unit group should be based on the nature of the work performed in relation to the tasks speci ed in this de n-
JUJPO BOE OPU UIF RVBMJmDBUJPOT IFME CZ
UIBU QSFEPNJOBUF JO UIF DPVO-USZ 5SBEJUJPO
XJWFT XIP QSPWJEF CBTJD QSFHOBODZ BOE CJSU
BEWJDF CBTFE QSJNBSJMZ PO F-YQFSJFODF BOE
RVJSFE JOGPSNBMMZ UISPVHI UIF USBEJUJPOT
the communities where they originated, are classi ed here.
#JSUI BTTJTUBOUT XIP QSPWJEF FNPUJPOBM
HFOFSBM DBSF BOE BEWJDF UP XPNFO BO
QSFHOBODZ BOE MBCPVS BSF DMBTTJmFE JO .J
1FSTPOBM $BSF 8PSLFST JO)FBMUI 4FSWJDFT

Minor Group 323
Traditional and Complementary Medicine Associate Professionals

5SBEJUJPOBM BOE DPNQMFNFOUBSZ NFEJDJOF BDTBTSPFD GBPUSFBQSEPGSFF human physical and mental illnesses, disorders and injuries using herbal and other therapies
CBTFE PO UIFPSJFT CFMJFGT BOE mFMQFSVJUYOSFTT FSEJZHBEENUJOOTHUFS UQ NFOUT VTJOH USBEJUJPOBM UFDIOJRVFT JOBEEEQNEJDBUNFZO UPS BFDJDPFSSE to therapeutic care plans established by a traditional medicine or other health professional.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFXJFOYBNUJOENOBHQBUUFFSUGTBNJOMEJFC to determine their health status and the nature of physical or mental disorders or illnesses
PS PUIFS BJMNFOUT SFDPNNFOEJOH BUOGPQSSJPWMJEFFDTHFDBBSFBPUEIFU BJMNFOUT VTJOH USBEJUJPOBM UQDIOJTJDRBWFTNBBOOJQVMFBUUJPBONFOE FYFSDJTFT CMPPE MFUUJOH VTJOHTOFUVSBMSWFTTQFMBTOUBTOEJQTFDQUBT BOJNBM FYUSBDUT BENJOJTUFSJOH OUSFBZVNSFWOFUJDTVDPINEFTPQBEUVIQVO BOE IFSCBM NFEJDJOF BDDPSEJOH UPFUEVSBTQFVTVJBDMMZSEFFQMMEQFEO B USBEJUJPOBM NFEJDJOF PS PUIFSBSEMBUOEQSPGFBTUNPOBMGPSSQWZJT injuries such as setting and healing fractured and dislocated bones using traditional methods
PG QIZTJDBM NBOJQVMBUJPO BOE IFSBMGUBNSMQFT-BOEEWJFTDPNNJV OJUZ PO IFBMUI OVUSJUJPO IZHUPONFBJMOJUGFJTOUZMFJBQSPWUFHSBJMTV XFMM CFJOH SFGFSSJOH QBUJFOUTJUP PBUESMOHDOEFJQSPWNBE UP FOTVSF DPNQSFIFOTJWF BOE DPOUJOVJOH DBSF

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSEJDJMBSTFVQFE JOUP UIF GPM

3230 Traditional and Complementary Medicine Associate Professionals

Unit Group 3230
Traditional and Complementary Medicine Associate Professionals

5SBEJUJPOBM BOE DPNQM-FNF5BUBTZJONEVEFJOF BT TPDJBUF QSPGFTTJPOBMT QSFWFOUBNJDBOEJTFBSBUJOE JOUFSW human physical and mental illnesses, disorders and injuries using herbal and other therapies
CBTFE PO UIFPSJFT CFMJFGT BEJETFSYEFSTJPSDJFMMPSFJTHJF T PS PUIFS B OBUJOH JO TQFDJGJD DYCMSUFVDSPNTNFOSEUIOZH BBEENQSOPJWTJEFJFSH DBS USFBUNFOUT VTJOH USBEmand for Professional Medical Health Care using T BOE

medicaments, either acting independently or according to therapeutic care plans established by a traditional medicine or other health professional.
and their families to determine their health status and the nature of physical or mental

preparations using herbs, plants, insects and
(c) administering treatments such as acupunc-
medicine according to therapeutic care plans
ries such as setting and healing fractured and
dislocated bones using traditional methods of
munity on health, nutrition, hygiene, life-

Examples of the occupations classi ed here:
- Bonesetter
- Herbalist
- Homeopathy technician
- Scraping and cupping therapist
- Village healer
- Witch doctor

Some related occupations classi ed elsewhere:
- Acupuncturist
- Chiropractor
- Naturopath

Notes
Occupations in traditional and complementary medicine understanding of the benefits and applications of traditional human anatomy and elements of modern medicine, as well as informal education and training, or informally through the traditions and practices of the communities where they live. Practitioners may be employed in a variety of settings, including private practice, community health centres, hospitals and other health facilities, or may be self-employed. Practitioners working in the singular application of approaches to herbal medicines, spiritual therapies or other medicaments or physical treatments, are included in Unit Group 3240 Veterinary Technicians and Assistants. Practitioners who treat human ailments through spiritual therapies, without using herbal therapies or other medicaments or physical treatments, are included in Unit Group 3259 Traditional and Complementary Medicine Professionals n.e.c. Practitioners who specialize in forms of massage and the application of pressure, such as acupressure and shiatsu therapists, are classi ed in Unit Group 3231 Physiotherapy Technicians and Assistants. Practitioners who specialize in the application of herbal medicines, spiritual therapies or other medicaments or physical treatments, but who also have a broad knowledge of the traditions and practices of the communities where they work, are classi ed in Unit Group 3259 Traditional and Complementary Medicine Professionals n.e.c.

Minor Group 324
Veterinary Technicians and Assistants

Unit Group 3240

Veterinary Technicians and Assistants

Veterinary technicians and assistants carry out ad-
WJTPSZ EJBHOPTUJD QSFWFOUJWF UBTLT NPSF MJNJUFE JO
OBSZ UBTLT NPSF MJNJUFE JO UIF GPMMPXJOH
than those carried out by, and with the guidance of,
WFUFSJOBSJBOT 5IFZ DBSSZ PVU BOE JOUFSQSFU
NFOU BOE JO UFNQPSBSZ SBEJPMPHJDBM QSPDFEVSFT
GBDJMJUJFT QFSGPSN SPVUJOF PSUIPQBFEJD BOE
erinarians to perform procedures and operations.
5BTLT JODMVEF o
B BEWJTJOH DPNNVOJUJFT BOE JOEJWJEVBMT PO
treatment of animals and their diseases and
JOKVSJFT
C DPOEVDUJOH FYBNJOBUJPOT 'PSUSBOTNJTTJPO
EJBHOPTFT PS SFGFS NPSF EJTFBTFT UP XFU
FSJOBSJBOT XIFO OFFEFE
(c) treating ill or injured animals, especially for
DPNNPO EJTFBTFT BOE EJTPSEFST
E DMFBOJOH BOE TUFSJMJ[JOH FRVJQNFOU
and instruments and preparing materials used
JO UIF FYBNJOBUJPO BOE USFBUNFOU
(e) carrying out technical tasks connected with
BSUJmDJBM JOTFNJOBUJPO PG BOJNBMT
G HFUUJOH BOJNBMT SFBEZ GPS FY
treatment and restraining or holding them
EVSJOH USFBUNFOU
H BTTJTUJOH WFUFSJOBSJBOT UP BE
WJTPSZ EJBHOPTUJD QSFWFOUJWF UBTLT NPSF MJNJUFE JO
OBSZ UBTLT NPSF MJNJUFE JO UIF GPMMPXJOH
than those carried out by, and with the guidance of,
WFUFSJOBSJBOT 5IFZ DBSSZ PVU BOE JOUFSQSFU
NFOU BOE JO UFNQPSBSZ SBEJPMPHJDBM QSPDFEVSFT
GBDJMJUJFT QFSGPSN SPVUJOF PSUIPQBFEJD BOE
erinarians to perform procedures and operations.
(i) producing radiographs, collecting samples
and performing other laboratory tests to
(j) performing routine animal dental procedures
BOE BTTJTUJOH WFUFSJOBSJBOT XJUI
EJWJEVBMT PO UIF

Examples of the occupations classified here:
Veterinary assistant
Veterinary nurse
Some related occupations classified elsewhere:
7FUFSJOBSJBO o
7FUFSJOBSZ BJEF o

Minor Group 325

Other Health Associate Professionals

0UIFS IFBMUI BTTPDJBUF QSPGFTTJPOBMT QFSGPSN UFDIOJDBM
EFOUJTUSZ NFEJDBM SFDPSET BENJOJTUFS DBSSZ PVU
BDVJUZ QIZTJPUIFSBQZ FOWJSPONFOUBM NFBMUI
to support and promote human health.

5BTLT QFSGPSNFE VTVBMMZ JOEFQFOEFOUMZ PS
PG EJTFBTFT BOE EJTPSEFST PG UIF
IZHJFOF EJFU BOE PUIFS QSFWFOUJWF NFBTVSFT
NBJOUBJOJOH QBUJFOUT NFEJDBM SFDPSET
EBUB GPS SFTFBSDI CJMMJOH DPEJOH
OFDFTTBSZ TLJMMT BOE SFTQPOTJCJMJUJFT
PO TBOJUBUJPO BOE IZHJFOF UP NFFU
UJDBM MFOTFT JOWFTUJHBUJOH UWFMBUJOQMFOTFTUBU
BOE PDDVQBUJPOBM GBDUPST UIBU NBZ
PG UIF CPEZ TIPXJOH QBUJFOUT UPHFUIFS
UFOEJOH BOE SFTQPOEJOH UP BDDJEFOUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBWF JOGPSNBUJPO
3251 Dental Assistants and Therapists
3252 Medical Records and Health Information Technicians
3253 Community Health Workers
3254 Dispensing Opticians
3255 Physiotherapy Technicians and Assistants
3256 Medical Assistants
3257 Environmental and Occupational Health Inspectors and Associates
3258 Ambulance Workers
3259 Health Associate Professionals Not Elsewhere Classified

Unit Group 3251

Dental Assistants and Therapists

%FOUBM BTTJTUBOUT BOE UIFSBQJTUT QSPWJEF CBTJD EFOUBM DBSF TFSWJDFT GPS. FLEJDQWMFSWFDOPSJEPTOBDEEIFUBSMFUBIUJOGPSNBU ment of diseases and disorders of the teeth and mouth, according to care plans and procedures established by a dentist or other oral health professional.

5BTLT JODMVEF o

B BEWJTJOH DPNNVOJUJFTPBGOIEBJMOLEJTWFJSEWJBMFTT FEOMJWFSZ EFOUBM IZHJFOF EJFU5BTLE JPUDMFVSEFQoS FWFOUJWF measures to reduce potential risks to oral IFBMUI

C DPOEVDUJOH WJTVBM BOE QTZUPSDBHFBYBENSOFBSJFWBM TZTUFNT UP of patients mouths, teeth and related struc- UVSFT UP BTTFTT PSBM IFBMUI (b) transcribing, compiling and processing patient medical records, admission and dis-

(c) identifying cases of patients with poor oral IFBMUI PS PSBM EJTFBTF SdharYgeidSuJmOHts aSdOFthFerSmSedBicVal reports B EFOUJTU PS PUIFS IFBMUI QJSOPGFTTJDPSBEMFFQJOH TZTUFNT UP C

E BTTJTUJOH EFOUJTUT E-VSJOH for patient monitoring and dental epidemi- DFEVSFT ological monitoring, research, billing, cost

F QSPWJEJOH nVPSJEF USFDBPUNUFSOPWTBODEMDFBSSOFJJDNHQSBPWEFNFOU SFNPWJOH EFQPTJUT GSPN UDFFUSIFWQJSFXQJBOSHJOSHFDPBSWET GPS DPNQMFUF ities and placing llings, administering local BOE DPNQMJBODF XJUI SFHVMBUJPOT anaesthesia, and performing other types of E USBOTNBUJOH OBSSBUJWF EFTDSJ CBTJD PS SPVUJOF DMJOJDBM Medical Information Officers Health Record Technicians PUIFS EPDVNFOUT PO IFBMUI TFSWJD

(f) preparing, cleaning and sterilizing dental in- One code is associated with this unit group: TUSVNFOUT FRVJQNFOU BOE NBJOUBJOJOH struments and equipment UIF FYBNJOBUJPO BOE USFBUNFOU DBOU PPG TQZETUJFNOTUT

H HFUUJOH QBUJFOUT (e) protecting the security of medical records USFBUNFOU JODMVEJOH FY QWMBUJOHOSIDQSIDFEYSFT BOE DPSSFDU QPTJUJPOJOH

(h) taking impressions of the mouth and dental radiographs to support diagnosis and tting of dental prosthetics.

Examples of the occupations classi ed here:

%FOUBM BTTJTUBOU
%FOUBM IZHJFOJTU
%FOUBM UIFSBQJTU

Some related occupations classi ed elsewhere:

%FOUJTU o
%FOUBM NFDIBOJD o
%FOUBM QSPTUIFUJTU o
%FOUBM UFDIOJDJBO o
%FOUBM BJEF o

Unit Group 3252

Medical Records and Health Information Technicians

DJBOT EFWFMPQ NBJOUBJO BOE JNQM SFDPSET QSPDFTTJOH TUPSBHF BOE tems in medical facilities and other health care settings to meet the legal, professional, ethical BOE BENJOJTUSBUJWF SFDPSE LFFQJOH

(g) transcribing, compiling and processing patient medical records, admission and discharge documents and other medical reports

ical records.

Examples of the occupations classi ed here:

Clinical coder
%JTFBTF SFHJTUSZ UFDIOJDJBO
Health information clerk
.FEJDBM SFDPSET BOBMZTU
.FEJDBM SFDPSET DMFSL
.FEJDBM SFDPSET UFDIOJDJBO
.FEJDBM SFDPSET VOJU TVQFSWJTP

Some related occupations classi ed elsewhere:

.FEJDBM TFDSFUBSZ o
%BUB FOUSZ DMFSL o
'JMJOH DMFSL o

Note

Occupations included in this unit group normally re- RVJSF LOPXMFEHF PG NFEJDBM UFSNJOPMPHZ M health information, health data standards and computer- or paper-based data management as obtained through GPSNBM FEVDBUJPO BOE PS PO UIF KPC USB

Unit Group 3253

Community Health Workers

$PNNVOJUZ IFBMUI XPSLFST QSPWJEF IFBMUI FEV cation, referral and follow-up, case management, CBTJD QSFWFOUJWF IFBMUI DBSF BOE IPNF WJTJUJOH TFSWJDFT UP TQFDJmD DPNNVOJUJFT 5IFZ QSPWJEF TVQQPSU BOE BTTJTUBODF UP JOEJWJEVBMT BOE GBN JMJFT JO OBWJHBUJOH UIF IFBMUI BOE TPDJBM TFSWJDFT system.

5BTLT JODMVEF o

B QSPWJEJOH JOGPSNBUJPO UP GBNJMJFT BOE DPN munities on a range of health issues including nutrition, hygiene, infant and child care, immunizations, family planning, risk fac- UPST BOE QSFWFOUJPO PG DPNNPO JOGFDUJPVT EJTFBTFT QPJTPOJOH QSFWFOUJPO mSTU BJE GPS treatment of simple and common ailments, TVCTUBODF BCVTF EPNFTUJD WJPMFODF BOE PUIFS UPQJDT

C WJTJUJOH GBNJMJFT JO UIFJS IPNFT UP QSPWJEF JO formation on the health, social and other ser- WJDFT BWBJMBCMF BOE TVQQPSU UIFN JO HBJOJOH BDDFTT UP UIFTF TFSWJDFT

D WJTJUJOH GBNJMJFT XIP FPOU VTV BMMZ BDDFTT medical establishments to monitor on a reg- ular basis certain conditions such as progress XJUI QSFHOBODZ DIJME HSPXUI BOE EFWFMPQ NFOU BOE FOWJSPONFOUBM IB[BSET

(d) distributing to households medical supplies GPS UIF QSFWFOUJPO BOE USFBUNFOU PG diseases such as malaria, pneumonia and diarrhoeal diseases, and instructing family and community members in the use of these QSPEVDUT

F DPOEVDUJOH PVUSFBDI F PSUT UP HSPVQT XIP do not usually access medical establishments with information and basic medical supplies GPS QSFWFOUJPO BOE NBOBHFNFOU PG DPNNPO health conditions for which they are most at SJTL TVDI BT)*7 "*%4 BOE PUIFS DPNNV OJDBCMF EJTFBTFT

(f) collecting data from households and com- munities who do not usually access medical establishments for purposes of patient moni- toring and referral and reporting to meet health regulations.

Examples of the occupations classi ed here:

- Community health aide
- Community health promoter
- Community health worker
- Village health worker

Some related occupations classi ed elsewhere:

- 5SBEJUJPOBM NJEXJGF o
- 7JMMBHF IFBMFS o
-)PNF DBSF BJEF o

Note

0DDVQBUJPOT JODMVEFE JO UIJT VOJU HSPVQ C GPSNBM PS JOGPSNBM USBJOJOH BOE TVQFSW CZ UIF IFBMUI BOE TPDJBM TFSWJDFT BVUIPS of routine personal care and traditional medicine prac- titioners are not included here.

Unit Group 3254

Dispensing Opticians

%JTQFOTJOH PQUJDJBOT EFTJHO GJU optical lenses based on a prescription from an ophthalmologist or optometrist for the correc- UJPO PG DPNNPO JOGFDUJPVT SFDUJUVFT FZFHMBTTFT DPOUBDU MFOTF BOE PUIFS PQUJDBM EFWJDFT

5BTLT JODMVEF o

B FYBNJOJOH BOE UBLJOH GBDJBM urements of clients for tting of eyeglasses BOE PUIFS PQUJDBM EFWJDFT

C QSPWJEJOH BEWJDF UP DMJFOUT PO maintenance of eyeglasses and frames, types PG DPNPOFOUT BOE PUIFS for performance, safety, comfort and life- TUZMF

(c) interpreting optical prescriptions and pre- paring work orders for optical laborato- ries for grinding and mounting of lenses in frames, preparation of contact lenses and PUIFS SFRVJSFE XPSL

E WFSJGZJOH FYBDUOFTT PG mOJTIFE BODFT BOE EFWJDFT UP UIF PSJHJOBM and t of clients.

Examples of the occupations classi ed here:

Contact lens optician

%JTQFOTJOH PQUJDJBO

Some related occupations classi ed elsewhere:

- 0QIUIBMNPMPHJTU o
- 0QIUIBMNJD PQUJDJBO o
- 0QUPNFUSJTU o
- 0SUIPQUJTU o

Unit Group 3255

Physiotherapy Technicians and Assistants

Physiotherapy technicians and assistants pro- WJEF QIZTJDBM UIFSBQFVUJD USFBUNF JO DJSDVNTUBODFT XIFSF GVODUJPO is threatened by injury, disease or impairment. 5IFSBQJFT BSF VTVBMMZ QSPWJEFE BDD IBCJMJUBUJWF QMBOT FTUBCMJTIFE pist or other health professional.

5BTLT JODMVEF o
(a) administering manual treatments such as
(b) administering electrical modality treatments, ultrasound and other physical therapies using
(d) conferring with physiotherapists or other formation for planning, modifying and coor-
(e) monitoring and recording patients progress during treatment, including measuring their
(f) tting patients for orthopaedic braces, pros- such as crutches, and instructing patients in

Examples of the occupations classi ed here:
Electrotherapist
Hydrotherapist
Physical rehabilitation technician
Physiotherapy technician
Shiatsu therapist

Some related occupations classi ed elsewhere:
1IZTJPUIFSBQJTU o
$IJSPQSBDUPS o
0DDVQBUJPOBM UIFSBQJTU o
1PEJBUSJTU o

Unit Group 3256

Medical Assistants

.FEJDBM BTTJTUBOUT QFSGPSN CBTJD DMJOJDBM BOE BE NJOJTUSBUJWF UBTLT UP TVQQPSU QBUJFOU DBSF VOEFS UIF EJSFDU TVQFSWJTJPO PG B NFEJDBM QSBDUJUJPOFS or other health professional.
5BTLT JODMVEF o
obtain information on their health status and
(b) assisting medical doctors and other health signs, administering medications and per- forming routine clinical procedures such as

(d) preparing and handling medical instruments and supplies, including sterilizing instru-
(e) collecting blood, tissue or other specimens,
(h) maintaining cleanliness of patient waiting
(i) recording information on patients medical history, diagnostic testing and treatment pro- cedures and results, and other information in
(j) scheduling appointments with patients, billing, reporting and insurance purposes.

Examples of the occupations classi ed here:
Clinical assistant
Ophthalmic assistant

Some related occupations classi ed elsewhere:
$MJOJDBM P DFS QBSBNFEJDBM o
%FOUBM BTTJTUBOU o
1IZTJPUIFSBQZ BTTJTUBOU o
.FEJDBM TFDSFUBSZ o
.FEJDBM JNBHJOH BTTJTUBOU o

Note

Occupations included in this unit group normally re- Practitioners.

Unit Group 3257

Environmental and Occupational Health Inspectors and Associates

&OWJSPONFOUBM BOE PDDVQBUJPOB health, safety in the workplace, and safety of processes for the production of goods and

5BTLT JODMVEF o

B BEWJTJOH FNQMPZFS-T TFOUBUJWFT PO UIF JNQMFNFOUBUJPO PG HPW ernmental and other rules and regulations concerning occupational safety and the XPSLJOH FOWJSPONFOU

(b) inspecting places of work to ensure that the XPSLJOH FOWJSPONFOU -NBDDJTJOH FWJEFODF JO NVMUJQMF OFOU DPOGPSN UP HPWFSONFOUBM rules, regulations and standards related to TBGFUZ BOE PDDVQBUJPOBM IFBMUI BOE TBGFUZ D HJWJOH BEWJDF PO FOWJSPONFOUBM QSPCMFNT BOE UFDIOJRVFT

E JOTQFDUJOH QMBDFT PG XPSL PS PUIFS TUSVDUVSFT UP FOTVSF DPNQMJBODF XJUI information about work practices and accidents to determine compliance with safety SVMFT BOE SFHVMBUJPOT

(e) inspecting areas of production, processing, transport, handling, storage and sale of prod- VDUT UP FOTVSF DPOGPSNJUZ XJUI HPWFSONFOUBM SFHVMBUJPOT BOE PUIFS SVMFT SFHVMBUJOH TBOJUBUJPO

G BEWJTJOH FOUFSQSJTFT BOE JOTUJUVUJPOT PG IFBMUI DBSF PS PG BO UIF JNQMFNFOUBUJPO PG HPWFSONFOUBM rules and regulations concerning hygiene, sanitation, purity and grading of primary prod- VDUT GPPE ESVHT DPTNFUJDT

(g) inspecting establishments to ensure that they DPOGPSN UP HPWFSONFOUBM and regulations concerning emission of pol- MVUBOUT BOE EJTQPTBM PG

I JOJUJBUJOH BDUJPO UP QSPWJEF IZHJFOF BOE QSFWFOU QPMMVUJPO PG GPPE PS TPJM

J QSPNPUJOH QSFWFOUJWF BENJOJTUSBUJWF BOE DPOUSPM NFBTVSFT sanitation remediation projects.

Examples of the occupations classi ed here:

- Food sanitation and safety inspector
- Health inspector
- Occupational health and safety inspector
- Pollution inspector
- Product safety inspector
- Sanitarian
- Sanitary inspector

Some related occupations classi ed elsewhere:

- &OWJSPONFOUBM IFBMUI 5PYJDPMPHJTU
- 0DDVQBUJPOBM IFBMUI BOE TBGFUZ PGGJDFS
- 0DDVQBUJPOBM IZHJFOJTU (SPVQ
- 3BEJBUJPO QSPUFDUJPO PGGJDFS

Unit Group 3258

Ambulance Workers

BOE XPSLFST SFQSF

" NCVMBODF XPSLFST QSPWJEF FNFSHFO care to patients who are injured, sick, in rm or otherwise physically or mentally impaired prior to and during transport to medical facilities.

5BTLT JODMVEF o

(a) assessing the health status of persons in- WPMWFE JO BDDJEFOUT OBUVS other emergency situations, and determining needs for immediate and specialized medical BTTJTUBODF

(b) performing medical procedures and admin- istering drugs and other therapies according to protocol or emergency medical treatment, including resuscitating and de brillating pa- UJFOUT BOE PQFSBUJOH MJGF TVQQ

(c) monitoring changes in the health status of patients during transport to and from medical, SFIBCJMJUBUJPO BOE PUIFS IFBMUI D

NBJOUBJOJOH BOE USBJ

mergency medical technicians and paramedics XPSL PS WPMVOUFFS JO FNFSHFODZ NFEJ

(f) recording information on patients condi- UJPOT BOE USFBUNFOUT QSPWJEFE

(g) maintaining records and systems. SVMFT

Examples of the occupations classi ed here:

Emergency medical technician

Emergency paramedic

Some related occupations classi ed elsewhere:

1BSBNFEJDBM QSBDUJUJPOFS o

Note

Occupations included in this unit group normally re- RVJSF GPSNBM USBJOJOH JO FNFSHFODZ NFEJ patient transport, ambulance principles and practice, or B SFMBUFE mFME "NCVMBODF ESJWFST XIP E IFBMUI DBSF BSF DMBTTJmFE JO 6OJU (SPVQ BOE 7BO %SJWFST

Unit Group 3259

Health Associate Professionals Not Elsewhere Classified

5PJDFSOPU HSPVQ DPWFST -IFBMUI BTTPD

This unit group covers health associate profes- TJPOBMT UIBU DBOOPU CF DMBTTJmFE FMTFXIFSF JO TVC-NBKPS 1SPGFTTJ YQUFS TUIT VOJU HSPVQ JODMVEFT PDDVQBUJPOT TVDI BT

HIV counsellor, family planning counsellor and other health associate professionals.

*O TVDI DBTFT UBTLT XPVME JODMVEF DPOEVDUJOH SFHVMBS JOUFSWJFXJOH BOE FYBNJOJOH QBUJFOUT UP PCUBJO JOGPSNBUJPO PO UIFJS IFBMUI TUBUVT BOE FYUFOU PG QSPHSFTT JO USFBUNFOU QMBOT BOE JEFOUJGZJOH TJHOT BOE TZNQUPNT PG EJTFBTF BOE BEWJTJOH QBUJFOUT BOE GBNJMJFT BCPVU DFSUBJO IFBMUI DPOEJUJPOT QSFWFOUJPO BOE USFBUNFOU BEIFSFODF- BOE QFSTPOBM CFIBWJPVST UIBU DBO B FDU IFBMUI PVUDPNFT

Examples of the occupations classi ed here:

"OBFTUIFTJB UFDIOJDJBO
Family planning counsellor
HIV counsellor
Respiratory therapy technician

Note

Occupations included in this unit group formally re-

Sub-ma~or Group 33

Business and Administration Associate Professionals

Business and administration associate professionals perform mostly technical tasks connected with the practical application of knowledge relating to nancial accounting and transaction
NBUUFST NBUIFNBUJDBM DBMDVMBUJPOM JOWPMWJOH BDDPVOUBOUT TQFDJBMJ[FE TFDSFUBSJBM BOE XPSLFST XIP QSPWJEF PQFSBUJPOBM TVQQPSU UP NBOBHFST BOE QSPGFTTJPOBMT BU UIF UIJSE *4
5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ SFRVJSF TLJMMT MFWFMT TJNJMBS UP UIPTF PG UIF TVQFSWJTPST BOE NBOBHFST PG UIFJS XPSL BSFBT *4
GPSFJHO FYDIBOHF GPS GVUVSF PSSFJENJUF BOE PUIFS GJOBODJBM JOTUSVNFOUT TPWPJSO BHQSSS BWHBFMD EFSJWBUJWFT PO CFIBMG PG DMJFOUT XJUI SFDPNNFOEBUJPOT PG

Unit Group 3311

Securities and Finance Dealers and Brokers

Securities and nance dealers and brokers buy and sell securities, stocks, bonds and other O B O D J B M J O T U S V N F O U T - B O change, on spot or on futures markets, on behalf of their own company or for customers on a com- N J T T J P O C B T J T 5 I F Z S F D P N N F O E clients or senior management.

5 B T L T J O D M V E F o

(a) obtaining information about the financial circumstances of customers and companies J O X I J D I J O W F T U N F O U N B

(b) analysing market trends for securities, bonds, stocks and other nancial instruments, in- D M V E J O H G P S F J H O F Y D I B O H F D J O G P S N J O H Q S P T Q F D U J W F D V T U P N F S T B C P V U N B S L F U D P O E J U J P O T B O E Q

E B E W J T J O H P O B O E Q B S - U J ation of terms for, and organization of, loans and placement of stocks and bonds in the - O B O D J B M N B S L F U U P S B J T

(e) recording and transmitting buy and sell orders for securities, stocks, bonds or other - O B O D J B M J O T U S V N F O U T B O E G P S G V U V S F P S J N N F E J B U F

Examples of the occupations classi ed here:

'P S F J H O F Y D I B O H F C S P L F S

'P S F J H O F Y D I B O H F E F B M F S

Securities broker

Stocks and shares broker

Some related occupations classi ed elsewhere:

#P O E B O B M Z T U o

$P N N P E J U J F T C S P L F S o

$P N N P E J U Z G V U V S F T E F B M F S o

4 F D V S J U J F T D M F S L o

Unit Group 3312

Credit and Loans Officers

$ S F E J U B O E M P B O T P D F S T B O B M Z T F B O E F W B M V B U F nancial information on applications for credit B O E M P B O B O E E F U F S N J O F B P P S of the client for the credit or loan, or recommend U P N B O B H F N F O U B P P S P W B M P S E J T B P P S P W B M

5 B T L T J O D M V E F o

B J O U F S W J F X J O H B P P M J - D B O U H B H F T U V E F O U B O E C V T J O F T T nancial status, references, credit and ability U P S F Q B Z U I F M P B O

(c) submitting credit and loan applications to management with recommendations for ap- Q S P W B M P S S F K F D U J O H

E B Q Q S P W J O H P S S F K F D U J O H M P B O within authorized limits ensuring that credit T U B O E B S E T P G U I F J O T U J U V U J P O B S

(e) keeping records of payments, preparing rou- U J O F M F U U F S T S F Q V F T U J O H Q B Z N F O

(f) completing credit and loan documentation.

Examples of the occupations classi ed here:

Loans o cer

.P S U H B H F P D F S

Some related occupations classi ed elsewhere:

'J O B O D J B M J O T U J U V U J P O C S B O D I N B O

Unit Group 3313

Accounting Associate Professionals

" D D P V O U J O H B S T P D J B U F Q S P G F S V O E F S U B L J O H B O E W F S J G Z B D D V S B D Z P

and records relating to such transactions.

G P S S L E P J S D J M V E F Y D I B O H F

(a) maintaining complete records of all nancial transactions of an undertaking according to general bookkeeping principles, with guid- B O D F G S P N B D D P V O U B O U

C W F S J G Z J O H B D D V S B D Z P G E P D V N F O U relating to payments, receipts and other - O B O D J B M U S B O T B D U J P O T

(c) preparing nancial statements and reports G P S T Q F D J m F E Q F S J P E T

(d) applying knowledge of bookkeeping prin- ciples and practices in order to identify and T P M V E Q S P C M F N T B S J T J O J O U I F D P X P S L

(e) using standard computer software packages to perform accounting and related calcula- U J O T

G T V Q F S W J T J O H U I F X P S L P G B D D P V O keeping clerks.

Examples of the occupations classi ed here:

Bookkeeper

Some related occupations classi ed elsewhere:

#P P L L F F Q J O H D M F S L o

Unit Group 3314

Statistical, Mathematical and Related Associate Professionals

Statistical, mathematical and related associate professionals assist in planning the collection, processing and presentation of statistical, mathematical or actuarial data and in carrying out these operations, usually working under the guidance of statisticians, mathematicians and actuaries.

5BTLT JODMVEF o

(a) assisting in planning and performing statistical, mathematical, actuarial and related DBMDVMBUJPOT

(c) performing technical tasks connected with establishing, maintaining and using registers BOE TBNQMJOH GSBNFT GPS PQFSBUJPOT

(d) performing technical tasks connected with EBUB DPMMFDUJPO BOE BUJPOT JO DFOTVTFT

(e) using standard computer software packages to perform mathematical, actuarial, statis- UJDBM BDDPVOUJOH BOE

(f) preparing statistical, mathematical, actuarial, accounting and other results for pres- FOUBUJPO JO HSBQIJDBM

(g) applying knowledge of statistical, mathematical, actuarial, accounting and related principles and practices in order to identify and TPMWF QSPCMFNT BSJTJOH JO

Examples of the occupations classi ed here:

"DUVBSJBM BTTJTUBOU

.BUIFNBUJDBM BTTJTUBOU

Statistical assistant

Some related occupations classi ed elsewhere:

"DUVBSZ o

.BUIFNBUJDJBO o

4UBUJTUJDJBO o

"DDPVOUJOH BTTJTUBOU o

4UBUJTUJDBM DMFSL o

Unit Group 3315

Valuers and Loss Assessors

7BMVFST BOE MPTT BTTFTTPST

Insurance policies.

liabilities of insurance companies and under-

Examples of the occupations classi ed here:

"QQSBJTFS

Claims assessor

Claims inspector

Insurance assessor

Real estate appraiser

Valuer

Some related occupations classi ed elsewhere:

"VDUJPOFFS o

Minor Group 332

Sales and Purchasing Agents and Brokers

4BMFT BOE QVSDIBTJOH BHFOUT BOE

industrial, professional, commercial or other establishments, or act as independent agents to

5BTLT QFSGPSNFE

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFTVQF JOUP UIF GPM

3321 Insurance Representatives

3322 Commercial Sales Representatives

3323 Buyers

3324 Trade Brokers

Note

4BMFT NBOBHFST BSF DMBTTJmFE JO OJHOPSE (SPVQ 4BMFT .BOBHFST . BSOSLHFUJOT 5FDI OJDBM NFEJDBM BOE *$5 TBMFT PQSP(SPTVQJPOBMB BMBFSTF DBMSBLTFTUJmOHE BJODE. 1VCMJD 3FMBUJPOT 1SPGFTTJPOBMS 4F4DFDVSJUJFE JBOEJOPSQSFVQFBMF4JOBE DJBM BOE .BUIFNBUJDBM "TTPDJBUF 1SPGFTTJPOBMT

Unit Group 3321

Insurance Representatives

*OTVSBODF SFQSFTFOUBUJWFT BTFTTJOH BOE OFHPUJBUJOH UIF DPOEJUJPOT PG JOTVSBODF DPOUSBDUT UP QSPWJEF QSPUFDUJPO BHBJOTU MPTTFT DBVTFE CZ EBNBHF UIFGU BDDJEFOU JMMOFTT PS EFBUI BOE UP QSPWJEF GPS UIF QBZNFOU PG DMBJNT

Examples of the occupations classi ed here:

- Insurance agent
- Insurance broker
- Insurance underwriter

Some related occupations classi ed elsewhere:

- *OTVSBODF BHFODZ NBOBHFS 4FDVSJUJFT CSPLFS o
- *OTVSBODF BTTFTTPS o
- *OTVSBODF DMFSL o

Unit Group 3322

Commercial Sales Representatives

$PNNFSDJBM TBMFT SFQSFTFOUBUJWFT DPNQBOJFT UP TFMM WBSJPVT HPPET BOE TFSWJDFT UP CVTJOFTTFT BOE PUIFS PSHBOJ[BUJPOT UP QSPWJEF TQFDJmD JOGPSNBUJPO BOE DPOTVMUBODZ TFSWJDFT GPS UIFJS QSPEVDUT BOE GPS UIF QSPWJTJPO PG TVQQPSU TFSWJDFT

5BTLT JODMVEF o

(a) soliciting orders and selling goods to retail, industrial, commercial, institutional and professional customers

(b) negotiating with customers to determine type and degree of risk for which insurance is required

(c) obtaining and updating knowledge of market conditions and of employer s and competitors products and services

(d) assisting clients to determine the type and amount of insurance required

(e) preparing insurance contracts for large or special types of projects, installations or risks

(f) following up clients to ensure satisfaction with products purchased

Examples of the occupations classi ed here:

- $BOWBTTFS
- $PNNFSDJBM USBWFMMFS

Some related occupations classi ed elsewhere:

- 4BMFT NBOBHFS o
- .FEJDBM TBMFT SFQSFTFOUBUJWF o
- 5FDIOJDBM TBMFT SFQSFTFOUBUJWF
- UFDIOPMPHZ TBMFT QSPGFTTJPOBM o
- %PPS UP EPPS TBMFT SFQSFTFOUBUJWF

Unit Group 3323

Buyers

#VZFST CVZ HPPET BOE TFSWJDFT GPS WBSJPVT PO CFIBMG PG JOEVTUSJBM DPNNFSDJBM JOTUJUVUJPOT BOE PSHBOJ[BUJPOT

(a) determining and negotiating contract terms and conditions, awarding supplier contracts

or recommending contract awards for the
QVSDIBTF PG FRVJQNFOU- STBYBNBLUFSJBMT QSPE
VDUT TFSWJDFT BOE NFSDIBOEJTF GPS SFTBMF
C PCUBJOJOH JOGPSNBUJP5S SBBECFPVCUSPSLIFRSVTJSVXFBOUET TFMM DPNNP
BOE TUPDL BOE EFWFMPQJOHJTQQFJDJHmDBFUSJWPJDTFGPSV TVBMMZ JO C
RVBOUJUZ BOE RVBMJUZ their own company brief customers on auc-
EFMJWFSZ EBUFT BOE PUIFSmSSDPIBSS DU DPOEJUJPOT
D QVSDIBTJOH HFOFSBM- BOE5BTQTFDJDBDMVJ[EE FRVJQ
NFOU NBUFSJBMT PS CVTJOFstablishing contact between buyers and
GPS GVSUIFS QSPDFTTJOH CZ UIFMJNSFSTUBHMDJFNNFPEUJUJFT
E JOWJUJOH UFOEFST DCP OETJVTDMVTJTOHEHXCJVZJOTHVQSQMTJFMSTJOH S
BOE SFWJFXJOH RVPUBUJPOT DMJFOUT BOE HJWJOH BEWJDF BDDPSI
(e) purchasing merchandise for resale by retail D CVZJOH BOE TFMMJOH DBSHP TQB
PS XIPMFTBMF FTUBCMJTINFOUT
(f) studying market reports, trade periodicals BOE DPNNPEJUZ GVUVSFT
BOE TBMFT QSPNPUJPO NBUFFSJnBOMEJBOHEDVBJSTHUPJBOOHE PS TUPSBHF
trade shows, showrooms, factories and
QSPEVDU EFTJHO FWFOUT
(g) selecting the merchandise or products that
CFTU mU UIF FTUBCMJTINFOU FTUSIFSRVGJBSDFUNFSOTUB F DUJOH UIF TVQQMZ
I JOUFSWJFXJOH TVQQMJFST BOGEPSFHPNJNBPUJOHJRTSJBDDFT TIJQQJOH TFSV
discounts, credit terms and transportation
BSSBOHFNFOUT
J PWFSTFFJOH EJTUSJCVUJPO PG NFSDIBOEJTF UP PVU
MFUT BOE NBJOUBJOJOH BEFRVBDZ of futures dealer
K FTUBCMJTIJOH EFMJWFSZ TDIFEVMFS
progress and contacting clients and suppliers
UP SFTPMWF QSPCMFNT

Examples of the occupations classi ed here:
Buyer
Procurement o cer
Purchasing agent
Purchasing merchandiser
Supply o cer

Some related occupations classi ed elsewhere:
$PNNPEJUJFT CSPLFS o

Unit Group 3324
Trade Brokers

(a) establishing contact between buyers and
(d) negotiating purchase or sale of commodities
modities and negotiating freight, shipping
(f) monitoring and analysing market trends and

Examples of the occupations classi ed here:
Commodities broker
Shipping broker

Some related occupations classi ed elsewhere:
'JOBODF CSPLFS o
'JOBODF EFBMFS o
4FDVSJUJFT CSPLFS o
4FDVSJUJFT EFBMFS o
*OTVSBODF EFBMFS o

Minor Group 333
Business Services Agents

#VTJOFTT TFSWJDFT BHFOUT FTUBCMJTINFOUT UIBU BSSBOHF UIF TVQQMZ
TQBDF JO UIF NFEJB DBSSZ PVU DVSTJUJPHNTUIBMFGBSSBFOTDTFBSZUEJPWJUNJFOT
BSF JO PSEFS NBUDI KPCTFFLFST XJFUNIQWMPZFSTDJFTS nBOEHXFPSLFSTSC
for the performance of athletes, entertainers and artists, as well as for the publication of
CPPLT UIF QSPEVDUJPO PG QMBZTDE FTSMUFIPGSFNVPTDEJBOHE QMB
BOE PSHBOJ[F DPOGFSFODFT BOE TJNJMBS FWFOUT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFQSBDTIZSOHTPVSDFVTQUPSNTTDPMF
QPSUT BSSBOHJOH BOE DPPSEJOBUJOTHVDIPBTGDSPFOGFSBOEEFWBDUMTJ
DBUFSJOH TJHOBHF EJTQMBZT BVEJPWJTVBMBIDEODPSNSQVTQSU
BOE TPDJBM FWFOUT GPS QBSUJDJQBBOUJFNTnDOJECJHHXPTSLFISFTTG
WBDBOU QPTUT GPS FNQMPZFST TFIFRVJSEHPSFMBFMBTFFTEUBEFQSQSTPQFFDS
CVZFST PS UFOBOUT BOE FYQMBJOJOSHFUSNTFMGFBEFMF TPSMDMPJCEHUC
UJPO WBSJPVT LJOET PG QSPQFSSZ KBXSFTMMDFSNZNBPCEEUPJUFTS MPJCWF
arranging contracts for performers and performances.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFWQF JOUP UIF GPM

3331 Clearing and Forwarding Agents

3332 Conference and Event Planners

3333 Employment Agents and Contractors

3334 Real Estate Agents and Property Managers

3339 Business Services Agents Not Elsewhere Classified

Unit Group 3331

Clearing and Forwarding Agents

Clearing and forwarding agents carry out customs clearance procedures and ensure that JOTVSBODF FYQPSU JNQPSU EPDVNFOUBUJPO malities are in order.

5BTLT JODMVEF o

(a) carrying out customs clearance procedures GPS FYQPSUT PS JNQPSUT

C FOTVSJOH UIBU JOTVSBODF JT JO PSEFS

D FOTVSJOH UIBU FYQPSU JNQPSU MJDFODFT BOE PUIFS GPSNBMJUJFT BSF JO PSEFS

E TJHOJOH BOE JTTVJOH CJMMT PG MBEJOH

F DIFDLJOH JNQPSU FYQPSU EPDVNFOUBUJPO UP determine cargo contents, and classifying HPPET JOUP EJ FSFOU GFF PS UBSJ DPEJOH TZTUFN

Examples of the occupations classi ed here:

Clearing agent

Forwarding agent

Shipping agent

Unit Group 3332

Conference and Event Planners

$POGFSFODF BOE FWFOU QMBOOFST PSHBOJ[F PSHBOJTF BOE DPPSEJOBUF TFSWJDFT GPS DPOGFSFODFT BOE TFNJOBST

5BTLT JODMVEF o

B QSPNPUJOH DPOGFSFODF FWFOU TFSWJDFT UP QPUFOUJBM DVTUPNFST BOE TJHOJOH USBEF TIPXT UP QPUFOUJBM FYIJCJUPST

C SFTQPOEJOH UP JORVJSJFT QSPWJEFE BOE DPTUT GPS IJSF DBUFSJOH BOE SFMBUFE FRVJQNFOU

(c) meeting with clients to discuss their needs and outlining package options to meet these OFFET

E BSSBOHJOH BOE DPPSEJOBUJOH DPOGFSFODF facilities, catering, signage, displays, BDDPNNPEBUJPO USBOTQPSU- BUJPO for participants, and logistical arrangements GPS QSFTFOUFST

F PSHBOJ[JOH SFHJTUSBUJPO PG CBSSJDBEFT

G OFHPUJBUJOH UIF UZQF BOE DPTUT CF QSPWJEFE XJUIJO CVEHFU

H PWFSTFFJOH XPSL CZ DPOUSBDUPST BO PO WBSJBUJPOT UP XPSL PSEFST

Examples of the occupations classified here:

$POGFSFODF BOE FWFOU PSHBOJ[FS

Conference planner

Wedding planner

Unit Group 3333

Employment Agents and Contractors

Employment agents and contractors match jobseekers and contract labour for particular projects at the SFRVFTU PG FOUFSQSJTFT BOE PU JODMVEJOH HPWFSONFOU BOE PUIFS nd places for jobseekers for a commission.

5BTLT JODMVEF o

B NBUDIJOH KPCTFFLFST XJUI WBDBOD

C mOEJOH XPSLFST GPS WBDBOU QP DPNNJTTJPO GSPN UIF FNQMPZFS PS X

(c) discussing with employers the skills and PUIFS DIBSBDUFSJTUJDT SFRVJSFE PG UP CF FNQMPZFE PS DPOUSBDUFE

(d) nding workers with appropriate skills, and GPSXBSEJOH UIF SFRVJTJUF IPNF BOE TJHOJOH DPOUSBDUT

(e) ensuring that the employment contracts meet UIF BQQMJDBCMF MFHBM SFRVJSFNFOUT BOE TJHOJOH USBEF PO CFIBMG PG TFFLFST PO USBJOJOH TDIFNFT

Examples of the occupations classified here:

Employment agent

Job placement o cer

Labour contractor

Some related occupations classified elsewhere:

$BSFFST BEWJTFST o

.BOQPXFS QSPWJEFST PG CVTJOFTT TVQQPSU TFSWJDFT o

.VTJDBM QFSGPSNBODF BHFOU o

4QPSUT BHFOU o

Unit Group 3334

Real Estate Agents and Property Managers

Real estate agents and property managers arrange the sale, purchase, rental and lease of real estate and property, usually on behalf of clients and on a commission basis.

5BTLT JODMVEF o

(a) obtaining information about properties to be sold or leased, the circumstances of their PXOFST BOE UIF OFFET PG QPUFOUJBM CVZFST PS UFOBOUT
(b) showing properties to be sold or leased to QSPTQFDUJWF CVZFST PS UFOBOUT
(c) facilitating negotiations with tenants and PXOFST PO SFOUT BOE GFFTB
(d) drawing up leasing and sale agreements and FTUJNBUJOH DPTUT
(e) arranging signing of lease agreements and USBOTGFS PG QSPQFSUZ SJHIUTFE
(f) collecting rent and bond monies on behalf of owners and inspecting properties before, EVSJOH BOE BGUFS UFOBODJFT
H FOTVSJOH UIF BWBJMBCJMJUZ BOE QSPQFS GVODUJPOJOH PG UIF QSPQFSUJFT

Examples of the occupations classi ed here:

Estate agent
Property manager
Realtor
Salesperson (real estate)

Some related occupations classi ed elsewhere:

.PSUHBHF DMFSL o

Unit Group 3339

Business Services Agents Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST CVTJOFTT TF OPU DMBTTJGJFE FMTFXIFSF JO .JOPS #VTJOFTT 4FSWJDFT "HFOUT 'PS JOTUBO includes those who establish business contacts, TFMM CVTJOFTT TFSWJDFT TVDI BT BE in the media, arrange contracts for performances of athletes, entertainers and artists, for the publication of books, the production of plays, or the recording, performance and sale of music, sell property and goods by auction and design and organize package and group tours.

*O TVDI DBTFT UBTLT XPVME JODMVE PCUBJOJOH JOGPSNBUJPO BCPVU T TPME BOE OFFET PG QSPTQFDUJWF
(b) negotiating contracts on behalf of seller or CVZFS BOE FYQMBJOJOH UFSNT PG
(c) signing agreements on behalf of seller or buyer and ensuring that the contract is hon-
F TFMMJOH CZ BVDUJPO WBSJPVT LJOE DBST DPNNPEJUJFT MJWFTUPDL BS BOE PUIFS PCKFDUT
G PSHBOJ[JOH HSPVQ UPVST GPS CVTJ UJPO USBWFM BOE NBLJOH CVML US commodation bookings.

Examples of the occupations classi ed here:

"EWFSUJTJOH TBMFTQFSTPO
"VDUJPOFFS
Literary agent
.VTJDBM QFSGPSNBODF BHFOU
Sports agent
5IFBUSJDBM BHFOU
5PVS PQFSBUPS

Minor Group 334

Administrative and Specialized Secretaries

"ENJOJTUSBUJWF BOE TQFDJBMJ[FE TFDSFUBSJFT QFSGPSN BEWBODFE TFDSFUBSJBM XPSL JO BQQMJDBUJPO EFWFMPQNFOU TVQQPSU TFSWJDFT VUJMJ[JOH DPNQVUFS TZTUFNT BOE PSHBOJ[BUJPO JO XIJDI UIFZ BSF FNQMPZFE in the organization.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF XPSE QSPDFTTJOH TQSFBETIFFU QSFQBSBUJPO UZQJOH TUBUJTUJDBM SFQPSUT TVQQPSU XPSLFST EFTLUPQ QVCMJTIJOH BOE JOUFSOBM NBOBHFNFOU TVQQPSU TFSWJDFT TVDI BT EFFET XJMMT B EBWJUT BQQFBSJOH JO TUBUVUPSZ EPDVNFOUBUJPO BOE JOUFSOBM NBOBHFNFOU TPNF PDDBTJPOT VUJMJ[JOH TQFDJBMJTU TFDSFUBSJBM XPSL

scheduling and con rming meetings and appointments and communicating messages for cli-
FOUT DPNQJMJOH SFDPSEJOH BOE SFWJFXJOH UIF XPSL PG PGGJDF DMFSLT
correspondence.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBVE JDMBSTVQF JOUP UIF GPM

3341 Office Supervisors

3342 Legal Secretaries

3343 Administrative and Executive Secretaries

3344 Medical Secretaries

Unit Group 3341

Office Supervisors

0 DF TVQFSWJTPST TVQFSWJTF BOE DPPSEJOBUF UIF
BDUJWJUJFT PG XPSLFST JO .BKPS (SPVQ $MFSJDBM
Support Workers.

5BTLT JODMVEF o

B DPPSEJOBUJOH BTTJHOJOH BOE SFWJFXJOH UIF work of clerks engaged in the following EVUJFT XPSE QSPDFTTJOH SFDPSE LFFQJOH and ling, operating telephones and switchboards, data entry, desktop publishing and PUIFS BDUJWJUJFT JOWPMWJOH HFOFSBM PGDF BOE BENJOJTUSBUJWF TLJMMT

(b) establishing work schedules and procedures BOE DPPSEJOBUJOH BDUJWJUJFT XJUI PUIFS XPSL VOJUT PS EFQBSUNFOUT

D SFTPMWJOH XPSL SFMBUFE QSPCMFNT BOE QSF paring and submitting progress and other SFQPSUT

(d) training and instructing employees in job duties, safety procedures and company policies, or arranging for training to be pro-WJEFE

F FWBMVBUJOH FNQMPZFFT KPC QFSGPSNBODF BOE conformity with regulations, and recom-NFOEJOH BQQSPQSJBUF QFSTPOOFM BDUJPO

G BTTJTUJOH JO SFDSVJUNFOU BOE TFMF lection of employees.

Examples of the occupations classi ed here:

$MFSJDBM TVQFSWJTPS
%BUB FOUSZ TVQFSWJTPS
'JMJOH DMFSLT TVQFSWJTPS
1FSTPOOFM DMFSLT TVQFSWJTPS

Some related occupations classi ed elsewhere:

.FEJDBM SFDPSET VOJU TVQFSWJTPS o

Note

8PSLFST XIP TVQFSWJTF UIF BDUJWJUJFT PG DMFSJDBM TVQ port workers in law o ces and legal departments are DMBTTJmFE JO 6OJU (SPVQ XIP TVQFSWJTF UIF BDUJWJUJFT PG DMFSJDBM TVQPSU XPSLFST BSF DMBTTJm JO IFBMUI GBDJMJUJFT XIFSF UIF XPSL SFRVJSFT TQFDJBMJTU knowledge related to health and medicine, such as processing medical records and hospital admission details,

BSF DMBTTJmFE JO 6OJU (SPVQ .FEJDBM 4 5IPTF XIP QSPWJEF EJSFDU TFDSFUBSJBM BOE TVQQPSU UP B NBOBHFS PS QSPGFTTJPOBM JFBMUI QSPGFTTJPOBMT BOE BMTP TVQI PG DMFSJDBM TVQQPSU XPSLFST BSF DMBTTJm ENJOJTUSBUJWF BOE &YFDVUJWF 4FDSI

Unit Group 3342

Legal Secretaries

Legal secretaries apply specialized knowledge of MFHBM UFSNJOPMPHZ BOE QSPDFEVSFT support to legal professionals with communication, documentation and internal managerial DPPSEJOBUJPO BDUJWJUJFT JO MB QBSUNFOUT PG MBSHF mSNT BOE HPWFS 5BTLT JODMVEF o

(a) preparing and processing legal documents BOE QBQFST TVDI BT EFFET XJMMT BOE CSJFGT

C SFWJFXJOH BOE QSPPGSFBEJOH EPD correspondence to ensure compliance with MFHBM QSPDFEVSFT

D NBJMJOH GBYJOH PS BSSBOHJOH G legal correspondence to clients, witnesses BOE PUIFS DPOUBDUT

(d) organizing and maintaining documents, case mMFT BOE MBX MJCSBSJFT

F TDSFFOJOH SFRVFTUT GPS NFFUJOH VMJOH BOE PSHBOJ[JOH NFFUJOHT

(f) assisting in the preparation of budgets, moni-UPSJOH PG FYQFOEJUVSFT ESBGUJOH BOE QVSDIBTJOH PS BDRVJTJUJPO PSE

H TVQFSWJTJOH UIF XPSL PG PGG workers.

Examples of the occupations classi ed here:

Legal practice manager
Legal secretary

Some related occupations classi ed elsewhere:

-FHBM TFDSFUBSJFT BOE TUFOP

Unit Group 3343

Administrative and Executive Secretaries

"E N J O J T U S B U J W F B O E - F Y. F E J D V D B J M W T F D T S F D U B S J F T S V J F J T O H Q F S F D J B M
form liaison, coordination and organizational tasks in support of managers and professionals
B O E P S Q S F Q B S F D P S S F T Q X O E E S F C Z S F Q F S S G U P S N B J O E H B F W B S J F U Z P
cords of proceedings and other specialized documentation.
5 B T L T J O D M V E F o
B E S B G U J O H B E N J O J T U S B U J W F - related organizational
N J O V U F T
(b) obtaining, proposing and monitoring dead-
M J O F T B O E G P M M P X V Q E B U F T
D T D S F F O J O H S F R V F T U - T G P N S F E N J D F B U M J O T H E B O E Q T B U I F E O U T
V M J O H B O E P S H B O J [J O H - N F F C J D I P N Q B J M J O S B W F M P S E J O H B O E S F W J F
S B O H F N F O U S
(d) assisting in the preparation of budgets, moni-
U P S J O H P G F Y Q F O E J U V S F S E S B G U J O H W J F X J D H O Q S B J F U S U P D O M F
B O E Q V S D I B T J O P S B D R V J T J U V N F O P S E B S E D B T F I J T U P S J F T
F M J B J S J O X U I P U I F T - U B E B C P V Q M F S U J O H F J G V S B O D E B O E P U I F D M
U F S S E L A J O U P U H E P S H E (e) maintaining medical records and
(f) writing and answering business or technical
M F U U F S S B O E P U I F T J N J M (f) preparing financial statements and billing
H Q S F Q B S J O W F S C B U J N S E Q P Q S F D F E Y Q S F D F E J O
M F H J T M B U J W E B T E N C M J E S (g) assisting in the preparation of budgets,
places, using shorthand or specialized o ce
F R V J Q N F O U
I T V Q F S W J S J O U I F X P S L drafting of contracts and purchasing or ac-
workers.
R V J S J U J P O P S E E S
I P G T D V M Q F S S J D J S T J O U H V U P F S X P S L P G P G G J
X P S L F S B O E P U I F P D U B

Examples of the occupations classi ed here:

"E N J O J T U S B U J W F T E C S F U B S Z
Correspondence assistant
Court reporter
& Y F D V U J W E B T T J S T U B O U
Personal assistant

Some related occupations classi ed elsewhere:

. F E J D B M U S B O T D S J Q U J P O J S U .
4 F D S F U B S Z H E O F S B M o

Unit Group 3344

Medical Secretaries

. F E J D V D B J M W T F E D T S F D U B S J F T S V J F J T O H Q F S F D J B M
P G N F E J D B M U F S N J O P M P H Z B O E I F B M U
procedures, assist health professionals and other
D B U J P O E P D V N F O U B U J P O - B E N J O J T U S E
ternal coordination functions, to support health
workers in medical facilities and other health
5 B T L T J O D M V E F o
(a) scheduling and con rming medical appoint-
ments and communicating messages for
charts, reports, documents and correspond-
F O D F
E S B G U J O H W J F X J D H O Q S B J F U S U P D O M F
B O E Q V S D I B T J O P S B D R V J S J U V N F O P S E B S E D B T F I J T U P S J F T
4 B O E P U I F D M E B C P V Q M F S U J O H F J G V S B O D E B O E P U I F D M
U F D I O J D B M M J C S B S Z
(f) preparing financial statements and billing
H Q S F Q B S J O W F S C B U J N S E Q P Q S F D F E Y Q S F D F E J O
M F H J T M B U J W E B T E N C M J E S
places, using shorthand or specialized o ce
F R V J Q N F O U
I T V Q F S W J S J O U I F X P S L
workers.

Examples of the occupations classi ed here:

%F O U B M T E C S F U B S Z
Hospital ward secretary
. F E J D B M J O T V S B O D F C J M M J O H T F D S
. F E J D B M M B C P S B U P S Z T E C S F U B S Z
. F E J D B M P D F B E N J O J T U S B U J W E B T T
. F E J D B M Q S B D U J D F N B O B H E S
. F E J D B M T E C S F U B S Z
. F E J D B M T U F O P H S B Q I F S
. F E J D B M U S B O T D S J Q U J P O J S U
Pathology secretary
Patient care secretary

Some related occupations classi ed elsewhere:

. F E J D B M S E C P S E T U F D I O J D J B O o
. F E J D B M B T T J T U B O U o
4 F D S F U B S Z H E O F S B M o
. F E J D B M P D F S E C E Q U J P O J S U o

Minor Group 335

Government Regulatory Associate Professionals

(P W F S O N F O U S E H V M B U P S Z B T T P D J B U E F Q S B G E F Q J M Z O S B F M T F B W E B N J L O J H T P U W F S
N F O U S V M F T B O E S E H V M B U J P O T S B F O E B T U P J D O J H B M U F C F O B F U n J U P T O B J M D W C F P T S U E
G B D U T B O E D J S D V N T U B O D F T S E M B U J F O H B Q Q M D J S B N U F T P O B F O G E P S T T M V E F P S D E
B V U I P S J [B U J P O T J O D P O O F D U J P O X J G U I H P S E W F M T U F Y C N P S T U N B O U E P J G N C P V
O F T T F T F S E D U J P O P G C V J M E J O H S B O E S H U B S D F U H V M B U E P O S V C K F D U

5BTLT QFSGPSNFE VTVBMMZ JODMVEE QBSUJDJQBUJOH JO MFHBM QSPDFFEJOHT BOE QSFQBSJOH PGGJDJBM SFQPSUT
IJDMFT USBWFM BOE USBOTQPSU SEPTDTV NUFFD UCTP SBEOFS HUPPP EFTO TUVS
FOGPSDFNFOU PG HPWFSONFOU SVMFS SFBUVES GST FHUVPMBEUJPOT NJGFBUNBJOF
QBZBCMF CZ QFSTPOT BOE CVTJOFTTFTQMJEYBBUJPOJOGHPBOTEPEJFBDMECJFOHF
FYBNJOJOH BOE EFDJEJOH PO BQQMJDBUJPOT GPS JHDFWOFDSFCTNGFEDJFBTU
UP USBWFM FYQPSU PS JNQPSU HPVPTEJTOFFTSTFDTUPSVVJOMEFSHBLFTPUBS
BDUJWJUJFT TVCKFDU UP HPWFSQNMFDBUJSPFCHVGBQUSJPGT XBNHFO
XFJHIUT BOE NFBTVSFT SFHVMBUJPOTDPCUBJOUSOWHFBXJEMVFXSJUGZFJTOTH
BOE TVSQFDUT BOE BOBMZTJOH EPDVNBZOSTDEFOJEVEPHNVJVBFSGMGSTP
TFOJPS HPWFSONFOU P DJBMT PS NBOBHFSTSNB4VQFSJWJOJTMVPEPG PUIF

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBVSE JDUMBSTFVQF JOUP UIF GPM

3351 Customs and Border Inspectors

3352 Government Tax and Excise Officials

3353 Government Social Benefits Officials

3354 Government Licensing Officials

3355 Police Inspectors and Detectives

3359 Government Regulatory Associate Professionals Not Elsewhere Classified

Unit Group 3351

Customs and Border Inspectors

Customs and border inspectors check persons BOE WFIJDMFT DSPTTJOH GBUExamples of occupations classified here:
JTUFS BOE FOGPSDF SFMFWBOU Border Inspector
regulations. Customs inspector
Customs o cer
Immigration o cer
Passport checking o cer

5BTLT JODMVEF o

(a) patrolling national borders and coastal waters to stop persons from illegally entering PS MFBWJOH UIF DPVOU-SZ BOE GSPN JMMFHBMMZ JN

QPSUJOH PS FYQPSUJOH DVSSFODZ PS HPPET

(b) checking documents of persons crossing national borders to ensure that they IBWF UIF OFDFTTBSZ BVUI-PSJTBUJPOT BOE DPN DBUFT

Unit Group 3352

Government Tax and Excise Officials

(c) inspecting the luggage of persons crossing national borders to ensure that it conforms UP HPWFSONFOU SVMFT- BOE EEUSFSNJOJOH PUZQFPG BOE BNPVOU PG U
DFSOJOH JNQPSU PS FYQPSBUJPOPGPUIFSEUZBQFE PWSGFFT UP CF QBJE C
SFODJFTS PS CVTJOFTTFT SFGFSSJOH FYDFQUJPO

(d) examining goods in transit and regulations concerning goods in transit E FYBNJOJOH USBOTQPSU EPDVNFOUTBOE PUIFS SFMFWBOU UFOJPS HPWFS
PG WFIJDMFT DSPTTJOH oBuJPSOBM CPSEFST UP
FOTVSF DPOGPSNJUZ XJUI FEPTWLFTSJCONDFMOVEFSVMFT
BEZ Concerning the Determination and pay-
NBEF NFOU PG UBYFT EVUJFT BOE PUIFS H

(e) detaining persons and seizing prohibited and VOEFDMBSFE HPPET GPVOE CUPFYB NJOJOWJHPMBUJSPFUVSOT CJMMT PG
JNNJHSBUJPO BOE DVTUPNT MSBFXTFWBOU EPDVNFOUT UP EFUFSNJO

(f) coordinating and cooperating with other BHFODJFT JOWPMWFE JO GMFX UFO GPSDBFEN FOU EF
QPSUBUJPO BOE QSPTFDVUJPO JOWFTUJHBUJOH mMFE UBY SFUVSOT

(g) recording, systems and internal controls of PSFDPSE mOEJOHT USBOTBDUJPOT EFUFSNJOBUJPOT

(h) when necessary, testifying in a court of law BCPVU UIF DJSDVNTUBOD-FT BOE SFTV
tigations carried out.

Examples of occupations classified here:
Border Inspector
Customs inspector
Customs o cer
Immigration o cer
Passport checking o cer

Unit Group 3352

Government Tax and Excise Officials

(P WFSONFOU UBY BOE FYDJTF PG
UBY SFUVSOT CJMMT PG TBMF BOE PUIF
BNPVOU PG U
PSBOE BNPVOU PG
PS CVTJOFTTFT SFGFSSJOH FYDFQUJPO
TFOJPS HPWFS
BEZ Concerning the Determination and pay-
NFOU PG UBYFT EVUJFT BOE PUIFS H
GFFT BOE PO UIF QVCMJD T SJHIUT BOE
CPSEFST UP
BNPVOU PG UBYFT EVUJFT BOE PUIF
NFE UBY SFUVSOT
BUJPO MBXT BOE SFHVMBUJPOT

E QFSGPSNJOH SFMBUFE BENJOJTUSBUJWF UBTLT UP document findings, maintain records and report on actions taken for cases.

Examples of the occupations classi ed here:
&YDJTF P DFS
5BYBUJPO JOTQFDUPS
5BY P DFS

Some related occupations classi ed elsewhere:
"DDPVOUBOU o
"VEJUPS o

Unit Group 3353
Government Social Benefits Officials

(PWFSONFOU TPDJBM CFOFmUT PSHBOJTFST BOE QMJDBUJPOT GPS HPWFSONFOU programmes to determine eligibility and amount PG CFOFmU PS BQQSPQSJBUF DFQUJPOBM PS JNQPSUBOU DBTFT UP TFSWF BT MJBJTPO CFUXFFO HPWFSONFOU DFQBSUNFOUT PS SFGFSSBM UP TFSWJDFT BOE BQQMJDBUJPOT ment o cials or managers.

5BTLT JODMVEF o
B BEWJTJOH JOEJWJEVBMT PO HPWFSONFOU MBXT SVMFT PS DFSJOH HPWFSONFOU CFOFmU PSHBOJTBUJPOT PS JNQPSUBOU DBTFT UP TFSWJDFT BOE BQQMJDBUJPOT the determination and disbursement of pay-NFOUT PS SFGFSSBM UP TFSWJDFT BOE PCUBJO JOGPSNBUJPO
C FYBNJOJOH BQQMJDBUJPOT BOE TVQQPSUJOH documents to determine types and amounts PG CFOFmU XIJDI JOEJWJEVBMT BSF FOUJUMFE UP SFDFJWF
D BTTFTTJOH EPDVNFOUBUJPO TVCNJUUFE CZ bene t recipients to ensure eligibility for con-UJOVJOH CFOFmUT PS TFSWJDFT
E QFSGPSNJOH SFMBUFE BENJOJTUSBUJWF UBTLT UP maintain client records and prepare reports on determinations regarding eligibility, referral decisions, termination of bene ts and abuse or fraud.

Examples of the occupations classi ed here:
Pensions o cer
Social bene ts o cer
Social security claims o cer

Some related occupations classi ed elsewhere:
$PVOTFMMJOH QSPGFTTJPOBM
4PDJBM XPSLFS o

Unit Group 3354
Government Licensing Officials

(PWFSONFOU MJDFOTJOH P- DJBMT FYBNJOFS UJPOT GPS MJDFODFT UP FYQPSU PS JNQPSU businesses, build houses or other structures or to obtain passports, determine eligibility of applications for issuing licences or passports, and identify speci c conditions or restrictions to be attached to MJDFODFT JTTVFE SFGFSSJOH FYDFQUJPOBM DBTFT UP TFOJPS HPWFSONFOU P DJBMT
5BTLT JODMVEF o
B BEWJTJOH JOEJWJEVBMT PO HPWFSONFOU P DJBMT regulations concerning the type of licence required and the conditions which should be met before a licence can be granted, and to determine whether a licence can be renewed, suspended or withdrawn
C FYBNJOJOH BQQMJDBUJPOT BOE SVMFT PS DPEFT UP EFUFSNJOF XIFUIFS BQQMJDBOUT BSF FOUJUMFE UP SFDFJWF MJDFODFT PS QFSNJUT
E QFSGPSNJOH SFMBUFE BENJOJTUSBUJWF EVUJFT TVDI BT SFDFJWJOH BOE SFWJFXJOH MJDFODF BQQMJDBUJPOT BOE TDPSJOH UIFN BHBJOTU QSFTDSJCFE TUBOEBSET PS DPNQBSJOH MJDFODF BQQMJDBOUT
F BENJOJTUFSJOH BOE TDPSJOH UIFPSFUJDBM PS QSBDUJDBM UFTUT UP BTTFTT BQQMJDBOUT T LOPXMFEHF PG BQQSPQSJBUF QSPDFEVSFT BOE UFDIOJRVFT
Examples of the occupations classi ed here:
Building permit (licensing) o cer
Business permit (licensing) o cer
Licensing o cer
Passport o cer (issuing)

Some related occupations classi ed elsewhere:
'JSF JOTQFDUPS o

Unit Group 3355
Police Inspectors and Detectives

1PMJDF JOTQFDUPST BOE EFUFDUJWFT facts and circumstances relating to crimes committed or planned, and to apprehend concerning establishments or the circumstances of persons who have committed or are PSEFST UP QSFWFOU DSJNFT
5BTLT JODMVEF o
(a) establishing contacts and sources of information about crimes planned or committed, in PSEFS UP QSFWFOU DSJNFT PS JEFOUJGZ P FOEFST

C PCUBJOJOH BOE WFSJGZJOH JOGPSNBUJPO FODF CZ FYBN
ining crime and accident scenes for clues and
QIZTJDBM FWJEFODF JOUFSWJFXJOH XJUOFTTFT
and suspects and analysing documents and
DPNQVUFS mMFT
D BOBMZTJOH FWJEFODF JO JEFOUJGZ DSJNJOBM -BDFOJNBOE
NBUJPO GPS DPVSU DBTF
(d) establishing contacts and sources of informa-
UJPO OPU SFBEJMZ BWBJMBCMF UP UIF QVCMJD
cerning establishments or the circumstances
BOE CFIBWJPVS PG QFSPOT WJUI WIPN UIFZ DPNF
BJN PG QSFWFOUJOH B DSJNF
F NBLJOH BSSFTUT
(f) testifying in courts of law or reporting to
superiors about circumstances and results of
JOWFTUJHBUJPOT

Examples of the occupations classi ed here:
1PMJDF EFUFDUJWF
1PMJDF JORVJSZ BHFOU
Police inspector

Some related occupations classi ed elsewhere:
1PMJDF DPNNJTTJPOFS o
1PMJDF JOTQFDUPS HFOFSBM o
1PMJDF TVQFSJOUFOEFOU o
1SJWBUF EFUFDUJWF o
1PMJDF P DFS o

Government Regulatory Associate Professionals
Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST HPWFSONFOU
Associate professionals not classi ed elsewhere.
For instance, the Group includes agricultural, fi sheries, forestry, prices, wages and weights and measures inspectors.

B FYBNJOJOH QMBDFT PG CVTJOFTT U
BOE NFBTVS
(e) monitoring price regulations to assess appro-
QSJBUFOFTT PG DPTUT GPS HPPET BO
QSPUFDU DPOTVNFS JOUFSFTUT
(c) monitoring wage regulations to ensure ap-
QSPQSJBUF MFWFMT PG QBZ GPS XPS
and to assess compliance with employment
TUBOEBSET MFHJTMBUJPO
E QFSGPSNJOH SFMBUFE JOWFTUJH
JTUSBUJWF UBTLT UP SFDPSE mOEJO
compliance problems or inappropriate business practices and to prepare reports and correspondence.

Examples of the occupations classi ed here:
"HSJDVMUVSBM JOTQFDUPS
Fisheries inspector
Forestry inspector
Prices inspector
Wage inspector
Weights and measures inspector

Some related occupations classi ed elsewhere:
'JSF JOTQFDUPS o
)FBMUI JOTQFDUPS o
Occupational health and safety
JOTQFDUPS o
1PMMVUJPO JOTQFDUPS o
4BOJUBSZ JOTQFDUPS o

Sub-ma~or Group 34

Legal, Social, Cultural and Related Associate Professionals

Legal, social, cultural and related associate professionals perform technical tasks connected XJUI UIF QSBDUJDBM BQQMJDBUJFSOW JPDGF TL OTHPXOMIBEM HXFP SSLF MDBVUMJUCX food preparation, sport and religion. Competent performance in most occupations in this TVC NBKPS HSPVQ SFRVJSFT TLJMMT BU UIF UIJSE *4$0 TLJMM M

5BTLT QFSGPSNFE CZ XPSLFST JO VUEIFJT QTSVPCWNIBJXOPS HISPVLQJ DV BOE QSBDUJDBM TFSWJDFT BOE TVQBQDPFSUJOGWVFOTDUUJHPBUTJF O TM FTHPBDMJEC DPNNVOJUZ BTTJTUBODF QSPHSBNNJWVTJBFOTE QSBFSMUJHDJPQVBTUJBODHE BE BEKVEJDBUJOH JO TQPSUJOH FWFOUT EDFMVBFDMIPJQJHO-mBUDEFFETFTM BWOES SFBUJPOBM QSPHSBNNFT DPNCJOJOOH BD SWFBSUJFWZ BPGEBUSFUDJTOJJDBNDVTM BOE DVMJOBSZ BDUJWJUJFT DSFBOHJOHFEQTSFFQTBSSOEEJNFOOVG NEE

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSJVQHBNSJFODPMSBHTSFMQE JOUP UIF

341 Legal, Social and Religious Associate Professionals

342 Sports and Fitness Workers

343 Artistic, Cultural and Culinary Associate Professionals

Minor Group 341

Legal, Social and Religious Associate Professionals

-FHBM TPDJBM BOE SFMJHJPVT BTTPDJBUF QSOFGFTSBJPOBMT BDUJWJUJFT BOE TVQQPSU GVODUJPOT JO MFHBMBOMBQSPOE TDTFNBVODJ UJZOWFTUJHBUJOH QSPHSBNNFT BOE SFMJHJPVS BDUJWJUJFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF TBTDTJBTMUJXOPSLBBOGEETSVEQJPHSJUPJVO QSPGFTTJPOBMT PCUBJOJOH BOE BOMBEMPZDTVJODFHOFUWJBEGFDTFSQVSJOQHBSSPO PSEFST BENJOJTUFSJOH BOE JNQMFNNFOUJBOHETDDHUBOBNW OBJTUZTUBSO WJDFT BTTJTUJOH DMJFOUT UPFFOFTBMQSXFWIJEJFOSHTPQSBBMD UBJODEBM UBODF HVJEBODF BOE NPSBM TVQQPSTU UP JOEJWJEVBMT BOE DPNN

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSOEJDMHBSFMVQE JOUP UIF GPM

3411 Legal and Related Associate Professionals

3412 Social Work Associate Professionals

3413 Religious Associate Professionals

Unit Group 3411

Legal and Related Associate Professionals

Legal and related associate professionals perform support functions in courts of law or in law of- mDFT QSPWJEF TFSWJDFT SFMBUFEUIFS TVFDHBMFHEPNWBEOTFTTUP QSFQBSF as insurance contracts, the transferring of property and the granting of loans and other nancial USBOTBDUJPOT PS DPOEVDU JOWFTUJHBUJOH EBDUT BTTFNCMJG 5BTLT JODMVEF o

(a) documenting court proceedings and judge- NFOUT

C TFSWJOH TUBUFNFOUT PG XBSSBOUT TVCQPFOBT BOE PGPSSNBMVSFHPSEFSTBUJPO

(c) maintaining order in court and hearing SPPNT

(d) preparing legal documents including trial briefs, pleadings, appeals, wills and contracts, and preparing papers summarizing legal positions or setting out conditions of loans or in- TVSBODF

F JOWFTUJHBUJOH GBDUT BTTFNCMJG SFTFBSDIJOH SFMFWBOU TUBUVUF

G BEWJTJOH DMJFOUT PO MFHBM NBUU

H FYBNJOJOH EPDVNFOUBUJPO TVDI WJUIFTTFT, claims, judgements, assessments, reports USBDUT BOE NBQT JO PSEFS UP WFSJG MFHBM EFTDSJQUJPOT BOE PXOFSTI

(h) preparing documents relating to transfer of TIBSFT OPUFTBOEPUIFSTFDVSJUJFT PS PUIFS NBU

J JOWFTUJHBUJOH QPTTJCMF DBTFT P money or information from business establishments and of other possible cases of un- MBXGVM CFIBWJPVS CZ DVTUPNFST PS

of clients.

Examples of the occupations classi ed here:
- #BJMJ
- $PNNVOJUZ EFWFMPQNFOU XPSLFS
- Court clerk
- Judge s clerk
- Justice of the peace
- Law clerk
- Legal assistant
- Paralegal
- 1SJWBUF EFUFDUJWF
- 5JUMF TFBSDIFS

Some related occupations classi ed elsewhere:
- -BXZFS o
- +VEHF o
- /PUBSZ o
- -FHBM TFDSFUBSZ o

ation and progress.

Examples of the occupations classi ed here:
- $PNNVOJUZ EFWFMPQNFOU XPSLFS
- $PNNVOJUZ TFSWJDFT XPSLFS
- $SJTJT JOUFSWFOUJPO XPSLFS
- %JTBCJMJUZ TFSWJDFT XPSLFS
- 'BNJMZ TFSWJDFT XPSLFS
- Life skills instructor
- .FOUBM IFBMUI TVQQPSU XPSLFS
- Welfare support worker
- 8PNFO T TIFMUFS TVQFSWJTPS
- :PVUI TFSWJDFT XPSLFS

Some related occupations classi ed elsewhere:
- .BSSJBHF DPVOTFMMPS o
- 1BSPMF P DFS o
- 1SPCBUJPO P DFS o
- 4PDJBM XPSLFS o

Unit Group 3412
Social Work Associate Professionals

Social work associate professionals administer and implement social assistance programmes with personal and social problems.

5BTLT JODMVEF o

(b) helping persons with disabilities or the el-
(c) assisting clients to identify options and de-
(d) assisting clients to identify and access com-
munity resources including legal, medical and nancial assistance, housing, employ-
and assisting in pre-release and release plan-
(f) participating in the selection and admission
(h) implementing life skills workshops, substance
programmes and other community and social

to ministers of religion or to a religious community, undertake religious works, preach and propagate the teachings of a particular religion

(b) preaching and propagating the teachings of
and assisting in pre-release and release plan-
(e) administering and participating in pro-

Examples of the occupations classi ed here:
- Faith healer

Lay preacher
.POL
Nun

Some related occupations classi ed elsewhere:
#PO[F o
*NBN o

.JOJTUFS PG SFMJHJPO o
1PPKBSJ o
1SJFTU o
3BCCJ o
)FSCBMJTU o
7JMMBHF IFBMFS o
8JUDI EPDUPS o

Minor Group 342
Sports and Fitness Workers

4QPSUT BOE mUOFTT XPSLFST QSFQBSFT GBDJMJUBUFT GBDJMJUJFT BOE QSPHSBNNFT GPS TQPSUT BOE mUOFTT BDUJWJUJFT
BNBUFVS BOE QSPGFTTJPOBM TQPSUTNFOBOE BDUJWF QBSUJDJQBUJPO BOE TUBOEBSET JO TQPSU FYQMBJOT BOE BOBMZTFT
QBUJPO BOE TUBOEBSET JO TQPSU FYQMBJOT BOE BOBMZTFT
USBJOJOH BOE TVQFSWJTJPO GPS SWSBFSDJTFWJTFSWJDFT

5BTLT QFSGPSNFE VTVBMMZ JOEFQFOEFOUMZ PS BT QBSU PG B UFBN JOWPMWJOH TLJMMT TVDI BT
TQPSUT USBJOJOH UP EFWFMPQ BUC JDMFJOWZ JJMOJ GBHO ES VLMØIPTX MDIPFOHDFF
UIF DPOEVDU PG TQPSUJOH DPNQFUJUJPOT UBLJOH FTFDIFWUFSDRUMTMJQDMHBUOF
PSHBOJ[JOH BOE DPOEVDUJOH QSBDUJDF TmTUJOHTT EQFSWPFHMSBQNJNCHT BE
MJWFSJOH HSPVQ FYFSDJTF DMBTUZF TPGBmEUQFSTT PBDDBUWJVJUJFTPQJSOP
TQPSUT BOE TQPSUT TLJMMT EFWFMJPQNFOGU ZPWHSITQFJDQHMUFIFJQBTQ

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSE JDUMHBSTFVQE JOUP UIF GPM

3421 Athletes and Sports Players

3422 Sports Coaches, Instructors and Officials

3423 Fitness and Recreation Instructors and Programme Leaders

Unit Group 3421
Athletes and Sports Players

"UIMFUFT BOE TQPSU Q-MBZFST DPNQFUF JO DPN
QFUJUJWF TQPSUJOH FWFOUT 5IFZ NBZ CF TJOHMF BOE DPNQFUF
FJUIFS JOEJWJEVBMMZ PS BT QBSU PG B UFBN JO UIFJS
chosen sport.
5BTLT JODMVEF o
B QBSUJDJQBUJOH JO DPNQFUJUJWF FWFOUT
(b) participating in regular practice and training
TFTTJPOT BOE VOEFSUBLJOH QSFQBSBUPSZ PS
NBJOUBJO UIF SFRVJSFE TUBOEBSET PG mUOFTT BOE
TLJMM
D VOEFSUBLJOH TQPSUT QSPNPUJPOBM BDUJWJUJFT
BOE NFEJB JOUFSWJFXT
E NBJOUBJOJOH B IJHI EFHSFF PG QFSGPSNBODF JO
QBSUJDVMBS TQPSU
(e) deciding on strategies in consultation with
DPBDIFT
(f) assessing other competitors and conditions at
WFOVFT
H DPNQFUJOH JO TQPSUJOH JOFWFOUT
(h) adhering to the rules and regulations associ-
ated with a speci c sport.

Examples of the occupations classi ed here:
"UIMFUF
Bicycle racer
#PYFS
Chess player
Football player
(PMGFS
Hockey player
Jockey
Poker player
Skier
Soccer player
Swimmer
Tennis player
Water polo player

Unit Group 3422
Sports Coaches, Instructors and Officials

Sports coaches, instructors and o cials work with amateur and professional sportspersons to enhance performance and encourage greater participation in sport, and organize and o ciate
5BTLT JODMVEF o
(a) identifying strengths and weaknesses of ath-
MFUFT PS UFBNT
C QMBOOJOH EFWFMPQJOH BOE JN
USBJOJOH BOE QSBDUJDF TFTTJPOT

Fitness and Recreation Instructors and Programme Leaders

Fitness and recreation instructors and programme leaders lead, guide and instruct groups in recreational activities, sports or fitness programmes.

5BTLT JODMVEF o

(a) planning and carrying out recreational and fitness programmes;

(b) monitoring recreational, sports or fitness participants to ensure adherence to safety regulations;

(c) evaluating the performance of participants and modifying training programmes;

(d) demonstrating and explaining techniques, concepts and skills used in fitness activities;

(e) demonstrating and explaining techniques and skills used in sports;

(f) instructing in the use of specialized equipment;

(g) explaining rules and regulations.

Examples of the occupations classi ed here:

"FSPCJDT JOTUSVDUPS
Fitness instructor
Horse riding instructor
0VUEPPS BEWFOUVSF HVJEF
Personal trainer
Sailing instructor
6OEFSXBUFS EJWJOH JOTUSVDUPS

Some related occupations classi ed elsewhere:

4LJ JOTUSVDUPS o
4XJNNJOH JOTUSVDUPS o

Minor Group 343

Artistic, Cultural and Culinary Associate Professionals

"SUJTUJD DVMUVSBM BOE DVMJOBSZ BTTPDJBUF QSPGFTTJPOBMT QMBO BOE EJSFDU BDUJWJUJFT JO UIFBUSF TFUT TIPQ EJTQMBZT BOE EUUJPO JOUFSQSFU HVJEF UPVSJTU HVJEFT BOE IBNMFTT BTTJTU BOE QSFQBSBUJPO BOE QSFTFOUBUJPO PG MJCSBSZ BOE IBMMFSZ JOGPSNBUJPO QSPEVDUJPO BOE JO PUIFS BSFBT 5PQJD BSUJTUJD BOE DVMUVSBM

5BTLT QFSGPSNFE VTVBMMZ JODMVEF QSPWJEJOH JOGPSNBUJPO BOE BEWJDF PO BSUJTUJD NBUUFST QSPEVDUT BOE PUIFS TFSWJDFT UP DMJFOUT QBSUJDJQBUJOH JO DVMUVSBM EFDPSBUJPO BOE TBMFT QSPNPUJPO BDUJWJUJFT BSSBOHJOH FYIJCJUT GVSOJTIJOHT FRVJQNFOU QMBDJOH BDUJWJUJFT BOE UIF QSFQBSBUJPO PG GPPE BTTJTUJOH PUIFS BENJOJTUSBUJWF PS TVQFSWJTPSZ QFSTPOOFM JO SFTUBVSBOUT BOE PUIFS FTUBCMJTINFOUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF SJTF UP UIF GPMMPXJOH VOJU HSPVQT

3431 Photographers
3432 Interior Designers and Decorators
3433 Gallery, Museum and Library Technicians
3434 Chefs
3435 Other Artistic and Cultural Associate Professionals

Unit Group 3431

Photographers

Photographers operate still cameras to photo-
HSBQI QFPQMF FWFOUT TDFOFT BOE PUIFS TVCKFDUT
and other subjects.

5BTLT JODMVEF o

B UBLJOH QIPUPHSBQIT GPS BEWFSUJTJOH
commercial, industrial or scienti c purposes
and to illustrate stories and articles in news-
QBQFST NBHB[JOFT BOE PUIFS QVCMJDBUJPOT

(b) taking portrait photographs of persons and
HSPVQT PG QFSTPOT

D TUVEZJOH SFRVJSFNFOUT PG DMJFOUT BOE
ment and decide on type of camera, film,
lighting and background accessories to be
VTFE

(d) determining picture composition, and
NBLJOH UFDIOJDBM BEKVTUNFOUT UP DBNFSB
BOE QIPUPHSBQI TVCKFDU

(e) operating scanners to transfer photographic
JNBHFT UP DPNQVUFST

(f) operating computers to manipulate photo-
HSBQIJD JNBHFT

H BEBQUJOH FYJTUJOH QIPUPHSBQIJD JNBHFT UP
create new digitized images to be included
JO NVMUJNFEJB QSPEVDUT

I VTJOH BJSCSVTI DPNQVUFS QSPHSBNT UP
UP DSFBUF UIF EFTJSFE WJTVBM FGGFDU

Examples of the occupations classi ed here:

"FSJBM QIPUPHSBQIFS
Commercial photographer
Industrial photographer
Photographer
Photo journalist
Portrait photographer
Scienti c photographer

Some related occupations classi ed elsewhere:

'JMN DBNFSB PQFSBUPS
7JEFP DBNFSB PQFSBUPS
1IPUPHSBQIJD FRVJQNFOU TFSWJDFS
1IPUPHSBWVSF QIPUPHSBQIFS
1IPUPMJUIPHSBQIFS o
&MFDUSPOJDT NFDIBOJD o

Unit Group 3432

Interior Designers and Decorators

Interior designers and decorators plan and design
commercial, industrial, public, retail and residen-
UJBM CVJMEJOH JOUFSJPST UP NBLF UIFN GVODUJPOBM BOE BFTUIFUJDBMMZ QMFBTJOH
tailored to a purpose, taking into consideration
GBDUPST UIBU GPJBODF MJWJOH BOE XPSLJOH FOWJSPONFOUT BOE TPDJBM
NFOU BOE TBMFT QSPNPUJPO BOE DPOTVNFS TFSWJDFT BOE SFDPSE
participate in their construction and decoration.

5BTLT JODMVEF o

B EFUFSNJOJOH UIF QCKFDUJWFT
of the design brief by consulting with clients
BOE TUBLFIPMEFST

(b) researching and analysing spatial, functional,
F DJFODZ TBGFUZ BOE BFTUIFUJD SFR

(c) formulating design concepts for the interiors

(d) preparing sketches, diagrams, illustrations
BOE QMBOT UP DPNNVOJDBUF EFTJHO

(e) negotiating design solutions with clients, man-
BHFNFOU TVQQMJFST BOE DPOTUSV

(f) selecting, specifying and recommending
GVODUJPOBM BOE BFTUIFUJD NBUFSJBMT, UIHO
BOE QSPEVDUT GPS JOUFSJPST

(g) detailing and documenting selected design
GPS DPOTUSVDUJPO

(h) coordinating the construction and the deco-
SBUJWF QVSQPTF GVSOJTIJOHT

J EFTJHOJOH BOE QBJOUJOH TUBHF
other display areas to promote products and
TFSWJDFT

Examples of the occupations classi ed here:

%JTQMBZ EFDPSBUPS
Interior decorator
Set designer
Visual merchandiser
Window dresser

Some related occupations classi ed elsewhere:

*OUFSJPS BSDIJUFDU o

Unit Group 3433

Gallery, Museum and Library Technicians

(BMMFSZ NVTFVN BOE MJCSBSZ UFDIOJDJBOT DPMMFDU
artworks, specimens and artefacts for collec-
UJPOT BSSBOHF BOE DPOTUSVDU HBMMFSZ
assist librarians to organize and operate systems
for handling recorded material and les.

5BTLT JODMVEF o

B NPVOUJOH BOE QSFQBSJOH PCKFDUT

C EFTJHOJOH BOE BSSBOHJOH FYIJCJUJPO
EJTQMBZ DBTFT BOE EJTQMBZ BSFBT

(c) assisting in setting up lighting and display
FRVJQNFOU

E SFDFJWJOH TIJQQJOH QBDLJOH
FYIJCJUT

(e) ordering new library materials and main-
UBJOJOH MJCSBSZ CPPLT BOE DJSDVMBUJPO SFDP
UFNT

G BDDFTTJOH JOGPSNBUJPO TUPSFE BOE SFDPSE

(g) entering data into databases and editing
DPNQVUFS SFDPSET

I PQFSBUJOH BVEJPWJTVBM BOE DPNNVOJDBUJPOT FRVJQNFOU

J TFBSDIJOH BOE WFSJGZJOH DJWJM FOHJOFFSJOH BQQMJDBUJPOT

Examples of the occupations classi ed here:
(BMMFSZ UFDIOJDJBO
Library technician
.VTFVN UFDIOJDJBO
5BYJEFSNJTU

Examples of the occupations classi ed here:
Chef
Head chef
Pastry chef
Saucier
Sous-chef

Some related occupations classi ed elsewhere:
$PPL o
'BTU GPPE QSFQBSFS o

Unit Group 3434

Chefs

$IFGT EFTJHO NFOVT DSFBUF OFX EJTIFT BOE EFWFMPQ UIF planning, organization, preparation and cooking of meals in hotels, restaurants and other eating places, on board ships, on passenger trains and JO QSJWBUF IPVTFIPMET

5BTLT JODMVEF o

B QMBOOJOH BOE EFWFMPQJOH TUBOEBSE SFDJQFT BOE estimating food and labour costs, and or-
EFSJOH GPPE TVQQMJFT

C NPOJUPSJOH RVBMJUZ PG GPPE QSPEVDUT BSF UBLFO BU QSFQBSBUJPO BOE QSFTFOUBUJPO
(c) discussing food preparation issues with man-
BHFST EJFUJDJBOT BOE LJUDIFO TUBGG

E TVQFSWJTJOH BOE DPPSEJOBUJOH UIF XPSL PG DPPLT of cooks and other workers engaged in food
QSFQBSBUJPO

F JOTQFDUJOH TVQQMJFT FRVJQNFOU BOE XPSL areas to ensure conformity with established
TUBOEBSET
(f) determining how food should be presented,
BOE DSFBUJOH EFDPSBUJWF GBSOJTIFT

(g) instructing cooks and other workers in the preparation, cooking, garnishing and pres-
FOUBUJPO PG GPPE
(h) participating in the recruitment of kitchen
TUBGG BOE NPOJUPSJOH UIFJS QFSGPSNBODF
(i) preparing, seasoning and cooking speciality
GPPET BOE DPNQMFY EJTIFT

K FYQMBJOJOH BOE FOGPSDJOH IZHJFOF BOE GPPE safety regulations.

Unit Group 3435

Other Artistic and Cultural Associate Professionals

5IJT VOJU HSPVQ DPWFST -BSUJTUJD BOE DVMUVSBM BTsociate professionals not classi ed elsewhere in
.JOPS (SPVQ "SUJTUJD- $VMUVSBM BOE $VMUVSBM 4UBGG who assist directors or actors with staging of the-
BUSJDBM NPUJPO QJDUVSF UFMFWJTJPO BOE SBEJP QSPEVDUJPOT

Examples of the occupations classi ed here:
Body artist
Boom operator (broadcasting)
Lighting technician
Programme coordinator (broadcasting)
Property master (broadcasting)
4DSJQU HJSM CPZ
4QFDJBM F FDUT UFDIOJDJBO
Stage manager
Stage technician
Stunt artist
Stunt coordinator
5BUUPPJTU
5FBDIFS PG TUBGG EFWFMPQNFOU
5IFBUSJDBM ESFTTFS
Walker-on

Sub-ma~or Group 35

Information and Communications Technicians

*OGPSNBUJPO BOE DPNNVOJDBUJPOTTFDIOPMPHZ PQFSBUJPOTQFSTPOOFM JOTUBMM PQFSBUF BOE NBJOUBJO DPNQVUFS TZTUFNT BOE OFUXPSLT BOE QFSGPSN UFDIOJDBM UFTUT UP FOTVSF UIBU UIFZ BSF XPSLJOH QSPQFSMZ BOE QSPWJEF UFDIOJDBM BTTJTUBODF UP VTFST
of computer systems, communications systems and networks, and perform technical tasks related to telecommunications, broadcast image and sound as well as other types of telecommunications signals on land, sea or in aircraft. Competent performance in most occupations JO UIJT TVC NBKPS HSPVQ SFRVJSFT XPSLJOH LOPXMFEHF PG DPNQVUFS TZTUFNT BOE UIF UIJSE *4$0

5BTLT QFSGPSNFE CZ XPSLFST JO VUIFS QTZDIPMPHJDBM BOE TPDJBM TFSWJDF PDDVQBUJPOT JODMVEF UFBDIFST DPVOTFMMPST DMFSHZ BOE TPDJBM XPSLFST
UP JOGPSNBUJPO BOE DPNNVOJDBUJPOT TZTUFNT BOE OFUXPSLT BOE QFSGPSN UFDIOJDBM UBTLT SFMBUFE UP UFMFDPNNVOJDBUJPOT CSPBEDBTU JNBHF BOE TPVOE BT XFMM BT PUIFS UZQFT PG UFMFDPN
FTUBCMJTIJOH PQFSBUJOH BOE NBJOUBJOJOH DPNQVUFS TZTUFNT BOE OFUXPSLT JODMVEJOH IBSEXBSF TZTUFNT TPGUXBSF TZTUFNT BOE UFMFDPNNVOJDBUJPOT
JOTUBMMJOH NPOJUPSJOH BOE TVQQPSUJOH DPNQVUFS TZTUFN VTFST BOE OFUXPSL TZTUFNT
PS TPGUXBSF NPEJGZJOH XFC QBHFT BOE TZTUFNT BOE OFUXPSL TFDVSJUZ TZTUFNT BOE
DPOUSPMMJOH FRVJQNFOU UP SFDPSE TUPSF BOE USBOTNJU EBUB BOE TJHOBMT BOE
ling and maintaining transmitting and broadcast systems and satellite systems for radio and
UFMFWJTJPO QSPHSBNNFT DPOUSPMMJOH PQFSBUJOH BOE NBJOUBJOJOH UFMFWJTJPO BOE
TFSWJDFT BOE NVMUJQMFY TZTUFNT JODMVEJOH IBSEXBSF TPGUXBSF BOE QFSJQIFSBM
OFDUFE XJUI SFTFBSDI BOE EFWFMPQNFOU PG JGD BQQMJDBUJPOT UFDIOPMPHZ
NFOU PS UFTUJOH QSPUPUZQFT EFTJHOJOH TZTUFN JOUFHSBUJPO BOE
TQFDJmDBUJPOT HJWFO QSPWJEJOH UFDIOJDBM BTTJTUBODF UP VTFST PG DPNQVUFS
tenance and repair of telecommunications systems.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ BSF SFQSFTFOUFE JO UIF GPMMPXJOH NJOPS HSPVQT

351 Information and Communications Technology Operations and User Support Technicians

352 Telecommunications and Broadcasting Technicians

Minor Group 351

Information and Communications Technology Operations and User Support Technicians

*OGPSNBUJPO UFDIOPMPHZ PQFSBUJPOTQFSTPOOFM JOTUBMM PQFSBUF BOE NBJOUBJO DPNQVUFS TZTUFNT BOE OFUXPSLT BOE QFSGPSN UFDIOJDBM UBTLT SFMBUFE UP UFMFDPNNVOJDBUJPOT CSPBEDBTU JNBHF BOE TPVOE BT XFMM BT PUIFS UZQFT PG UFMFDPN
UP EBZ SVOOJOH PG DPNNVOJDBUJPOTTFDIOPMPHZ TZTUFNT GPS TQFDJBMJTU BOE HFOFSBM VTFST
technical assistance to users.

5BTLT QFSGPSNFE VTVBMMZ JOEFQFOEFOUMZ PS VOEFS EJSFDU TVQFSWJTJPO JODMVEF
FRVJQNFOU NPOJUPSJOH TZTUFNT GPS TQFDJBMJTU BOE HFOFSBM VTFST
SJQIFSBM FRVJQNFOU TVDI BT QSJOUFST TDBOOFST BOE NBHOFUJD TUSJQF SFBEFST
MPBEJOH PG QFSJQIFSBM FRVJQNFOU TUP[BHF EFWJDFT TXJUDIFT SPVUFST BOE
SFHBSEJOH TPGUXBSF PS IBSEXBSF PQUJNJ[BUJPO UP FOTVSF QFSGPSNBODF
NJOPS SFQBJST UP IBSEXBSF TPGUXBSF PS IBSEXBSF QSPCMFNT
TQFDJmDBUJPOT PWFSTFFJOH UIF FUEJBHJMVZQQIFSSVGJQSNFBOOJOH PG PQFSBUJOH
use and performing or ensuring proper installation of cables, operating systems or appropriate
TPGUXBSF FTUBCMJTIJOH PQFSBUJOUHIFBSOIEBNUBBJODUPBNJNOVJODJHDBUFJUPXOPTL
TZTUFNT JOTUBMMJOH NPOJUPSJOH BOE VQHSBEJOH DPNQVUFS TZTUFN VTFST OFUXPSL
*OUSBOFU XFCTJUFT PS XFC TFSWFS SXFBCSSQEXBSFF PQSFSBUJOH XFC
TFSWFS CBDLVQ BOE SFDPWFSZ PQFSBUJPOT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF SFQSFTFOUFE JOUP UIF GPMMPXJOH VOJU HSPVQT

3511 Information and Communications Technology Operations Technicians

3512 Information and Communications Technology User Support Technicians

3513 Computer Network and Systems Technicians

3514 Web Technicians

Unit Group 3511

Information and Communications Technology Operations Technicians

Information and communications technology operations technicians support the day-to-day processing, operation and monitoring of information and communications technology systems, peripherals, hardware, software and related computer equipment and identify any problems.

5BTLT JODMVEF o

(a) operating and controlling peripheral and remote computer equipment

(b) entering commands, using computer terminals and appropriate computer equipment

D monitoring system performance and

E optimizing computer system performance

(e) responding to program error messages by nding and correcting problems, escalating the problem to appropriate staff

(f) reading job set-up instructions to determine computer equipment to be used and materials such as disks and paper to be loaded, and to control system settings

H servicing computer equipment and

output as needed, and sending data to specified users

I mobilizing computer programs with selected materials for operating runs, or

powering computer systems and

Examples of the occupations classi ed here:

Computer operator

Computer peripheral equipment operator

High-speed computer printer operator

Some related occupations classi ed elsewhere:

Telecommunications operator

Unit Group 3512

Information and Communications Technology User Support Technicians

Information and communications technology user support technicians provide first-level technical support to users, either directly or by telephone, email or other electronic means, including diagnosing and resolving network and computer software problems and

networks, databases and the Internet, and providing guidance and support on the installation and maintenance of systems.

5BTLT JODMVEF o

B answering user queries, identifying problems and providing solutions

C recording and managing requests for assistance and

documenting outcomes

(c) installing and performing minor repairs to following design or installation specifications

E processing and monitoring

following the established installation of cables, operating systems or appropriate software

(f) maintaining records of daily data communication transactions, problems and remedial

(g) emulating or reproducing technical problems

(h) consulting user guides, technical manuals and other documents to research and implement solutions

(i) assisting with applications programmes, systems

Examples of the occupations classi ed here:

Computer database assistant

Computer help desk operator

Computer programming assistant

Computer systems analysis assistant

Unit Group 3513

Computer Network and Systems Technicians

Computer network and systems technicians establish, operate and maintain network and other data communications systems.

5BTLT JODMVEF o

(a) operating, maintaining and troubleshooting

(b) operating and maintaining data communica-

(c) assisting users with network and data com-

(e) installing computer hardware, network software, operating system software and applica-

(f) performing start up and close down as well BT CBDLVQ BOE EJTBTUFS SFDPWFSZ QSPDFEVSFT for computer networks.

Examples of the occupations classi ed here:
Computer network technician
Network support technician

Some related occupations classi ed elsewhere:
/FUXPSL BENJOJTUSBUPS o
/FUXPSL BOBMZTU o
$PNQVUFS PQFSBUPS o
8FC UFDIOJDJBO o

C EFWFMPQJOH BOE NBJOUBJOJOH E
pointers and instructions according
BUJPOBM QSPDFEVSFT BOE TZTUFN M
D EFWFMPQJOH DPPSEJOBUJOH JNQM
NPOJUPSJOH TFDVSJUZ NFBTVSFT
(d) analysing and making recommendations to enhance performance, including upgrading BOE BDRVJSJOH OFX TZTUFNT
F MJBJTJOH XJUI BOE QSPWJEJOH HVJ
FOUT BOE VTFST
G DSFBUJOH BOE NPEJGZJOH XFC QI
H QFSGPSNJOH XFC TFSWFS CBDLVQ
operations.

Examples of the occupations classi ed here:
Webmaster
Website administrator
Website technician

Some related occupations classi ed elsewhere:
$PNQVUFS HBNFT EFTJHOFS o
4ZTUFNT BOBMZTU DPNQVUFST o
$PNQVUFS TPGUXBSF EFTJHOFS o
8FCTJUF EFWFMPQFS o
/FUXPSL BENJOJTUSBUPS o

Unit Group 3514
Web Technicians

Web technicians maintain, monitor and support the optimal functioning of Internet and Intranet XFCTJUFT BOE XFC TFSWFS IBSEXBSF
5BTLT JODMVEF o
(a) installing, monitoring and supporting the reliability and usability of Internet and In- USBOFU XFCTJUFT PS XFC TPGUXBSF

Minor Group 352
Telecommunications and Broadcasting Technicians

5FMFDPNNVOJDBUJPOT BOE CSPBEDBTU
UP SFDPSE BOE FEJU JNBHFT BOE TPVOE
images and sounds, as well as other types of telecommunication signals on land, sea or in air-
DSBGU BOE QFSGPSN UFDIOJDBM
and with the design, manufacture, assembly, construction, operation, maintenance and repair of telecommunications systems.

5BTLT QFSGPSNFE
JNBHF BOE TPVOE SFDPSEJOHT
BOE TBUFMMJUF TZTUFNT GPS
DPNNVOJDBUJPOT TZTUFNT
QSPWJEJOH UFDIOJDBM
OJDBUJPOT FRVJQNFOU PS
BDDPSEJOH UP UIF
utilization, maintenance and repair of telecommunications systems.

0DDVQBUJPOT JO UIJT
3521 Broadcasting and Audiovisual Technicians
3522 Telecommunications Engineering Technicians

Unit Group 3521

Broadcasting and Audiovisual Technicians

#SPBEDBTUJOH BOE BVEJPWJTVBM UFDIOJDJBOT GVODUJPOJOH JO SBEJP BOE UFMFWJTJPO CSPBEDBTUJOH TUVEJPT PS PO MPDBUJPO UP QSPEVDF BOE FEJU JNBHFT BOE TPVOE BOE UP USBOTNJU TPVOET BT XFMM BT PUIFS UZQFT PG UFMFDPNNVOJDBUJPO TJHOBMT PO MBOE TFB PS JO BJSDSBGU

Examples of the occupations classi ed here:

"VEJPWJTVBM PQFSBUPS
#SPBEDBTUJOH FRVJQNFOU PQFSBUPS
Broadcasting technician
Camera operator (motion picture)
$BNFSB PQFSBUPS WJEFP
Production assistant (media)

Some related occupations classi ed elsewhere:

1IPUPHSBQIFS o

Unit Group 3522

Telecommunications Engineering Technicians

5FDIOJDJBOT JO UIJT VOJU HSPVQ QFSGPSN UFDIOJDBM UBTLT DPOOFDUFE XJUI UIF EFTJHO NBOVGBDUVSF BTTFNCMZ DPOTUSVDUJPO PQFSBUJPO NBJOUFOBODF BOE SFQBJS PG UFMFDPNNVOJDBUJPOT TZTUFNT

5BTLT JODMVEF o

B DPOUSPMMJOH FRVJQNFOU UP TPMWF UFDIOJDBM QSPCMFNT BSJTJOH EVSJOH UIF EFWFMPQNFOU PG UFMFDPNNVOJDBUJPOT FRVJQNFOU PS UFDIOJDBM QSPDFTTFT

C DPOUSPMMJOH FRVJQNFOU UP UFTU TVCTZTUFNT PS DPNQPOFOUT PG UFMFDPNNVOJDBUJPOT FRVJQNFOU PS UFDIOJDBM QSPDFTTFT UP EJBHOPTF GBVMUT

D TFUUJOH VQ UFTU FRVJQNFOU UP TJNVMBUF PQFSBUJPOBM DPOEJUJPOT

E DPOEVDUJOH UFDIOJDBM UFTUT PG UFMFDPNNVOJDBUJPOT FRVJQNFOU PS UFDIOJDBM QSPDFTTFT UP EFUFSNJOF DPNQMJBODF XJUI TQFDJmDBUJPOT

F DPNNVOJDBUJPOT FRVJQNFOU PS UFDIOJDBM QSPDFTTFT

G XPSLJOH VQ UFDIOJDBM TPMVUJPOT UP QSPCMFNT BSJTJOH JO UIF DPVSTF PG XPSL

H NBJOUBJOJOH FRVJQNFOU PS UFDIOJDBM QSPDFTTFT

Examples of the occupations classi ed here:

Engineering technician (telecommunications)

Some related occupations classi ed elsewhere:

&OHJOFFSJOH UFDIOJDJBO FMFDUSPOJDT

$PNQVUFS IBSEXBSF JOTUBMMFS o
5FMFDPNNVOJDBUJPOT FRVJQNFOU TFSWJDFS o
5FMFQIPOF JOTUBMMFS o

Ma~or Group 4

CLERICAL SUPPORT WORKERS

$MFSJDBM TVQQPSU XPSLFST SFDPFSLESJPWHFBJODJG[PS-NTBUPJSPFO DBPNEQQ
GPSN B OVNCFS PG DMFSJDBM EVUJFTJOHD PDPFOSOBFUDJUPJOPTO XSUBMWNFMOBF
SBOHFNFOUT SFRVFTUT GPS JOGPSNBOUUPQ FSGEPSBNQEQOPDFUJNOFONUPTT
PDDVQBUJPOT JO UIJT NBKPS HSPVQ$SFRLVJMSMTMTFLWMMT BU UIF TFDF

5BTLT QFSGPSNFE CZ DMFSJDBM TVQFQOPSHUSXRQSZFSUTZQTVOBHMMBZOJEOPQI
BUJOH XPSE QSPDFTTPST BOE PUIFS PUPFDNNQIVJOFSTTFOUBFSSSJZOJHOEBP
TFDSFUBSJBM EVUJFT SFDPSEJOH BOQEJOHPNSQFVPSJEFTOVMBSSJJDBMUEBTUBP
QSPEVDUJPO BOE USBOTQPSU LFFRQJOEHGSFJDHPISUETUSSBFOMTBQUPJSOUH
SZJOH PVU DMFSJDBM EVUJFT JO MOJHCSBSSJEVUJMTJDOH DEPODVNDFOUPTO D
NBJM TFSWJDFT QSFQBSJOH BOE DITFJDTLUJDOHHNQBFSSTSEBM XSPS DQBSJOOPUOSH
PS XSJUF XJUI DPSSFTQPOEFODF QFBGPSNEFOMJNOHOXZUIBOSBWGM E
SBOHFNFOUT TVQQMZJOH JOGPSNBUJOHOBSQFQRPVJFOTUNFEOCZ DPMQJFSOBUJOBK
B UFMFQIPOF TXJUDICPBSE 4VQFSWJDTMVPGEFPEG PUIFS XPSLFST NBZ C

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTSVFCDNVBKTPTSmHFSEPVQTP UIF GPM

- **41 General and Keyboard Clerks**
- **42 Customer Services Clerks**
- **43 Numerical and Material Recording Clerks**
- **44 Other Clerical Support Workers**

Sub-ma~or Group 41
General and Keyboard Clerks

(FOFSBM BOE LFZCPBSE DMFSLT SFDPSE JOGPSNBUJPO BOE BENJOJTUSBUJWF UBTLT XJEF SBOHF PG DMFSJDBM BOE BEUNBJOJTUSBUJWF UBTLT UFOU QFSGPSNBODF JO NPTU PDDVQBUJPOT TUJMM NFWFM *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TPSUJOH DMBTTJGZJOH BOE mMJOH QPSUT BOE DPSSFTQPOEFODF PG B TFDSFUBSJBM QFSTPOBM DPNQVUFST XPSE QSPDFTTJOH EBUB QSPPGSFBEJOH BOE DPSSFDUJOH FSSPST JOWPJDF

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQIBWF UIF GPMMPXJOH JOUP UIF

411 General Office Clerks

412 Secretaries (general)

413 Keyboard Operators

Minor Group 411
General Office Clerks

(FOFSBM P DF DMFSLT QFSGPSN B SBOHF UBTLT JODMVEJOH DPNQVUFS PQFSBUPST BOE BENJOJTUSBUJWF BTTJTUBOUT XIP DBSSZ PVU HFOFSBM PGGJDF QSPDFEVSFT

5BTLT QFSGPSNFE VTVBMMZ JO DMVEF SFDPSEJOH QSFQBSJOH TPSUJOH DMBTTJGZJOH BOE mMJOH JOGPSNBUJPO TPSUJOH PQFOJOH BOE TJFCIFE JOEFYJOH NBJM QQJBEFQPBSJOH SFQPSUT BOE DPSSFTQPOEFODF PG BPSGPVFUJOJFQNBFUOUSPU PSFDUBSJBM TQPOEJOH UP UFMFQIPOF PS FMFDUSPOJD JOGPSNBUJPO mHVSFT QSFQBSJOH JOWPJDFT BOE TBFDUPSJFE JONHBEFUBSJBM TMMTFDDUPSJFT GPS JnCO information onto computers, and proofreading and correcting copy.

0DDVQBUJPOT JO UIJT NJOPS HSPVQIBWF JDUMBSTFTVQFE JOUP UIF GPM

4110 General Office Clerks

Unit Group 4110
General Office Clerks

(FOFSBM P DF DMFSLT QFSGPSN B SBOHF UBTLT BENJOJTUSBUJWF UBTLT BOE BENJOJTUSBUJWF UBTLT lished procedures.

5BTLT JODMVEF o

(a) recording, preparing, sorting, classifying and mMJOH JOGPSNBUJPO

C TPSUJOH PQFOJOH BOE TFOEJOH NBJM

D QIPUPDPQZJOH BOE GBYJOH EPDVNFOUT

(d) preparing reports and correspondence of a SPVUJOF OBUVSF

F SFDPSEJOH JTTVF PG FRVJQNFOU UP TUBGG

(f) responding to telephone or electronic in- RVJSJFTPS GPSXBSEJOH UP BQQSPQSJBUF QFSTPO

H DIFDLJOH GJHVSFT QSFQBSJOH JOWPJDFT BOE recording details of financial transactions NBEF

(h) transcribing information onto computers, and proofreading and correcting copy.

Examples of tasks performed by persons in this unit group include

BEF OPSSEJOH UP TBMFT PSEFST BOE PUIFS DPNNFSDJBM EPDVNFOUT

O ce clerk

Note

In distinguishing the work of general o ce clerks from UIBU PG XPSLFST DMBTTJmFE JO 6OJU (SPVQ (general), it should be noted that the work of secretaries is primarily concerned with the transcription, formatting and processing of correspondence and other documentation. Whilst general o ce clerks may perform some work of this nature, the transcription and processing of documentation is not the main focus of the work.

Minor Group 412
Secretaries (general)

4FDSFUBSJFT HFOFSBM VTF UZQFXSJUFSTE QFSTPOBM DPNQVUFST PS PUIFS XPSE QSPDFTTJOH FRVJQNFOU to transcribe correspondence and other documents, check and format documents prepared by PUIFS TUBFEBM XJUI JODPNJOH BOEFTPVGUPHSPJNGFHFUNBOJMT TPDSSFBFQDQSPF NFOUT BOE QFSGPSN B WBSJFUZ PG BENJOJTUSBUJWF TVQQPSU

5BTLT QFSGPSNFE VTVBMMZ JODMVEFDSDJCFJDOLHJODHPSGSFSTNQEPUCUEJFOHDBOENJ utes and reports from dictation, electronic documents or written drafts to conform to o ce TUBOEBSET VTJOH UZQFXSJUFST QFSTPOBMDPNQVUFSNFQRVUJOSTF PUS WBSJPVT DPNQVUFS TPGUXBSF QBDLBHFSPTWJJEFDBMEVNEJOHTTUSQSBWF IFFV QPSU EFBMJOH XJUI JODPNJOH PS PVHUHPJOHJTUBSJMC VTUJBOHONJOJM SDFPS TQPOEFODF BOE PUIFS EPDVNFOUT TDSFFOJOH BOEBOEDPSSFDUJOHUSNFFOUFTTBTOEGPSMNQFJFOUJ PSHBOJ[F NFFUJOHT TDSFFOJOH BOEBOEDPSSFDUJOHUSNFFOUFTTBTOEGPSMNQFJFOUJ J[JOH BOE TVQFSWJTJOH mMJOH TZTUQFOEFDEFBMDOUHFXJSUPXSOVTOJOJFBDE

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQFE JOUP UIF GPM

4120 Secretaries (general)

Unit Group 4120
Secretaries (general)

Secretaries (general) use typewriters, personal DPNQVUFST PS PUIFS XPSE QSPDFTTJOH FRVJQNFOU to transcribe correspondence and other documents, check and format documents prepared CZ PUIFS TUBFEBM XJUI JODPNJOH NBJM TDSFFO SFRVFTUT-GPS NFOUT BOE QFSGPSN B WBSJFUZ PG BENJOJTUSBUJWF support tasks.

5BTLT JODMVEF o

(a) checking, formatting and transcribing correspondence, minutes and reports from dictation, electronic documents or written drafts to conform to o ce standards, using typewriter, personal computer or other word processing equipment

C VTJOH WBSJPVT DPNQVUFS TPGUXBSF QBDLBHFT TP JODMVEJOH TQSFBETIFFU UP USBUJWF TVQQPSU

D EFBMJOH XJUI JODPNJOH PS PVUHPJOH NFTTBHFT TP

F TDSFFOJOH SFRVFTUT-GPS NFFUJOHT PS PUIFS EPDVNFOUT

G TDSFFOJOH BOE SFDPSEJOH TUBTLT BOE PUIFS FOUJUMFNFOUT

(h) dealing with routine correspondence on their

Examples of the occupations classi ed here:

Secretary
5ZQJOH TFDSFUBSZ
Word processing secretary

Some related occupations classi ed elsewhere:

-FHBM TFDSFUBSZ o
.FEJDBM TFDSFUBSZ o

Minor Group 413
Keyboard Operators

,FZCPBSE PQFSBUPST JOQVU BOE QSPPEJFUT TP OUFSQSFUBUJPOBOEGPSNBUUJOH DE ments for storage, processing, publication and transmission.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFFFEOUFSQSFUBUJPOBOEGPSNBUUJOH SFUSJFWJOH DPOmSNJOH BOE VQEBUJOHSEEBTUBGJOEBTUBPSHBOJ[F SFDPSET PG QSPDFFEJOHT JO SBQVJEQNTFPSUBHEEFTIVSTUDBHOEPN XSJUJOH NBDIJOFT USBOTDSJCJOH JEGBPSENBOJTPVSHEDSSEFSJEFS FRVJQNFOU BOE QSPPGSFBEJOH BHEETQDPPLSFSFXOPSUJEO HFOWJQZPS NFOUBM TPVOET BOE TPOH MZSJDT BTUDBQUSJPHSTBNGNSSODHJOFNB BOE

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQFE JOUP UIF GPM

4131 Typists and Word Processing Operators

4132 Data Entry Clerks

Unit Group 4131

Typists and Word Processing Operators

5ZQJTUT BOE XPSE QSPDFTTJOH %HBUPBQFSBUPSZ MFUSZQFOEFSUDPEFE TUBUJTU
BOE QSJOU UFYU VTJOH UZQFXSJUFS QFSTPOTJBMJ[FE DPNQVUFS TPGUXBSF BOE PUIFS EBUB FOUSZ EFWJDFT UP
puters or other word processors, and record oral or written matter in shorthand.

5BTLT JODMVEF o

(a) typing written material from rough drafts, DPSSFDUFE DPQJFT WPJDF PS TIPSUIBOE EJDUBUJPO
hand using a computer, word processor or UZQFXSJUFS
(b) checking completed work for proper spelling, HSBNNBS QVODUVBUJPO BOE DPSSFDU VTF PG XPSE
(c) gathering and arranging the material to be UZQFE GPMMPXJOH JOTUSVDUJPOT
(d) ling and storing completed documents on DPNQVUFS IBSE EJTL PS PUIFS NFEJB
B DPNQVUFS mMJOH TZTUFN BOE TUPSFT DPNQMFUFE EPDVNFOUT
(e) taking dictation and recording other matter JO TIPSUIBOE
(g) sounds and song lyrics as captions for cinema BOE UFMFWJTJPO QSPHSBNNFT
(g) transcribing information recorded in short- IBOE BOE PO TPVOE SFDPSEJOH FRVJQNFOU

Examples of the occupations classi ed here:

Shorthand typist
Stenographer
5ZQJTU
Word processor

Some related occupations classi ed elsewhere:

$PVSU SFQPSUFS o
.FEJDBM USBOTDSJQUJPOJTU o

Unit Group 4132

Data Entry Clerks

9HBUPBQFSBUPSZ MFUSZQFOEFSUDPEFE TUBUJTU
BXOSEJUPSJFS QFSTPOTJBMJ[FE DPNQVUFS EBUBCBTF TQSFBETIFFUT PS PUIFS EBUB SFQPTJUPSJFT VTJOH B
ment, computerized databases, spreadsheets or other data repositories using a keyboard, mouse, optical scanner, speech recognition software or
PUIFS EBUB FOUSZ UPPMT 5IFZ FOUFS
ematical calculations.

5BTLT JODMVEF o

B SFDFJWJOH BOE SFHJTUFSJOH JOW
C FOUFSJOH OVNFSJDBM EBUB DPEFT
D JOTQFDUJOH EBUB GPS FSSPST PS JODPOTJTUFODJFT
E DPSSFDUJOH PS VQEBUJOH EBUB JO DPNQVUFS GJMFT
F JNQPSUJOH BOE FYQPSUJOH EBUB CFUXFFO EBUBCBTF TZTUFNT BOE TPGUXBSF
(d) operating bookkeeping and calculating ma- DIJOFT
Duce material into computer-compatible TUPSBHF BOE QSPDFTTJOH EFWJDFT
(d) operating bookkeeping and calculating ma- DIJOFT

Examples of the occupations classi ed here:

% BUB FOUSZ PQFSBUPS
% BUB QSFQBSBUJPO DMFSL
Payment entry clerk

Sub-ma~or Group 42

Customer Services Clerks

$VTUPNFS TFSWJDFT DMFSLT EFBMPMOXZJUICDEMWJJFOHUPTQFSBDJPOTF
USBWFM BSSBOHFNFOUT SFRVFTUT GPSJTOGRQSFNSBBUJPOH NUBFLMGEQIBP
TXJUDICPBSET BOE JOUFSWJFXJODHBUGJPSTTVGSWFFZMTJHPJSCJUMPJUDZPNSQ
WJDFT $PNQFUFOU QFSGPSNBODF JKOPNSPHTUPVQDSVFQRVUSPTTLJJOMMTJ
UIF TFDPOE *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTTEFVCQNSBGPSNHJSOHVQPVOTVZBMM
handling operations in banks, post o ces and betting and gambling establishments, or dealing
XJUI USBWFM BSSBOHFNFOUT TVQQMJZFJOOUHT JBOOGEPSNBBLUJOHBSQFQRVJFOTW
NFOUT PQFSBUJOH UFMFQIPOF TXJUWDJCPBSSET JHSUFFSWJOHXBOE STV
SFTQPOEFOUT JOUFSWJFXJOH BQQMJDBOUT GPS TFSWJDFT

0DDVQBUJPOT JO UIJT TVC NBKPS HBSVQHBNSJFOPMBHTFMGE JOUP UIF

421 Tellers, Money Collectors and Related Clerks

422 Client Information Workers

Minor Group 421

Tellers, Money Collectors and Related Clerks

5FMMFST NPOFZ DPMMFDUPST BOE MSJFOHBUPRQEFSDBVUJPOTT QJFOSGPSNCN
NFOUT SFMBUJOH UP CBOLJOH QPTUBMXTOFJSOWHJBEE ECFCUUJDOPHMMFSDHUBJ

5BTLT QFSGPSNFE VTVBMMZ JODMVEPS EQFBTMUJOHDXJUJODMEDOUDUPJGP
XJUI NPOFZ PQFSBUJPOT PS QPTUBMPTFCSFWUJTDPTO SIFTDVFMWJOHGBTDQEPSE
FWFOUT DPOEVDUJOH HBNCMJOH HFBTNEFQMFDUEJE-HPSNPOFZSBTHBDV
JUJFT DPMMFDUJOH EFCUT BOE PUIFS QBZNFOUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSDJDMHBSTFVQE JOUP UIF GPM

4211 Bank Tellers and Related Clerks

4212 Bookmakers, Croupiers and Related Gaming Workers

4213 Pawnbrokers and Money-lenders

4214 Debt Collectors and Related Workers

Unit Group 4211

Bank Tellers and Related Clerks

Bank tellers and related clerks deal directly with clients of banks or post o ces in connection with SFDFJWJOH DIBOHJOH BOE QBZJPOHFZPVDUBNOPHGFSZ PS QSPWJEJOH NBJM TFSWJDFT

Examples of the occupations classi ed here:

Bank teller

Post o ce counter clerk

5BTLT JODMVEF o

(a) processing customer cash deposits and with- ESBXBMT DIFRVFT USBOTGFST$BTIJUNFMTo DSFEJU DBSE QBZNFOUT NPOFZ PSEFST DFSUJmFE DIFRVFT BOE PUIFS SFMBUFE CBOLJOH USBOTBDUJPOT

C DSFEJUJOH BOE EFCJUJOH DMJFOUT BDDPVOUT

(c) paying bills and making money transfers on DMJFOUT CFIBMG

E SFDFJWJOH NBJM TFMMJQH QPTUBHF TUBNQT BOE conducting other post o ce counter business such as bill payments, money transfers and SFMBUFE CVTJOFTT

(e) changing money from one currency to an- PUIFS BT SFRVFTUFE CZ DMJFOUT

(f) making records of all transactions and reconciling them with cash balance.

Some related occupations classi ed elsewhere:

Unit Group 4212

Bookmakers, Croupiers and Related Gaming Workers

Bookmakers and croupiers and related gaming XPSLFST EFUFSNJOF PEET BOE SFDFJ
CFUT PO SFTVMUT PG TQPSUJOH PS PUIFS
MJGFGBNFT of chance in gambling establishments.

5BTLT JODMVEF o
(a) determining risks to decide odds and to IFEHF PS SFGVTF CFUT
C QSFQBSJOH BOE JTTVJOH FMJLTFUQJPOH BQSFDPYSENBUFUFNT SFDFJWF
PEET
(c) distributing cards, rolling dice or spinning a SPVMFUUF XIFFM
E FYQMBJOJOH BOE JOUFSQSFUJOH PQFSBUJOH SVMFT
PG B HBNCMJOH FTUBCMJTINFOU
(e) announcing winning numbers, paying winners and collecting payments from losers.

Examples of the occupations classi ed here:
Bookmaker
Croupier

Unit Group 4213
Pawnbrokers and Money-lenders

Pawnbrokers and money-lenders lend money against articles deposited as pledges, or against property or other security.
5BTLT JODMVEF o
B FWBMVBUJOH BSUJDMFT PG QSFDJPVT NFUBM
(b) returning articles when the loan is paid or, JO UIF FWFOU PG OPO QBZNFOU
BSUJDMFT
(c) lending money as personal loans against suc- DFTT PG GVUVSF IBSW-FTU BOE PUIFS TJNJMBS VO
EFSUBLJOHT
E DPMMFDUJOH MPBOT XIFO UIF QMFEH
TVDDFTT PG GVUVSF IBSWFTU BOE P
VOEFSUBLJOHT
EJTUSJCVUFE BOE SFDFJWFE

Examples of the occupations classi ed here:
BOFZ MFOEFS
Pawnbroker

Unit Group 4214
Debt Collectors and Related Workers

%FCU DPMMFDUPST BOE SF-MBUFE XPSLF
NFOUT PO PWFSEVF BDDPVOUT BOE CBE
collect charity payments.
5BTLT JODMVEF o
B USBDJOH BOE MPDBUJOH EFCUPST
C UFMFQIPOJOH WJTJUJOH PS XSJUJOH
DPMMFDU NPOFZ PS BSSBOHF GPS MB
(c) preparing reports including amounts collected, and maintaining records and les re- MBUFE UP DPMMFDUJPO XPSL
(d) Sometimes taking legal action or discontinuing collection of debts
(e) Asking for and collecting charity payments

Examples of the occupations classi ed here:
Bill and account collector
Charity collector
%FCU DPMMFDUPS

Minor Group 422
Client Information Workers

$MJFOU JOGPSNBUJPO XPSLFST QSPWJEF JOGPSNBUJPO
USPOJD NFBOT TVDI BT FNBJM JO
QSPEVDUT PS TFSWJDFT PG BO
BQQPJOUNFOUT DPOOFDUJOH UFMFQIPOJOH
PS BQQMJDBOUT GPS TFSWJDFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFO
UJPOT GPS DMJFOUT HSFFUJOH
QSPWJEJOH JOGPSNBUJPO
BQQPJOUNFOUT PQFSBUJOH
plicants for eligibility.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ
4221 Travel Consultants and Clerks
4222 Contact Centre Information Clerks
4223 Telephone Switchboard Operators
4224 Hotel Receptionists
4225 Inquiry Clerks
4226 Receptionists (general)
4227 Survey and Market Research Interviewers
4229 Client Information Workers Not Elsewhere Classified

Unit Group 4221

Travel Consultants and Clerks

5SBWFM DPOTVMUBOUT BOE DMFSLT BSSBOHF BOE BDDPNNPEBUF USBWFMMFST BOE PUIFST JO USBWFM BOE BDDPNNPEBUJPO BSSBOHFNFOUT and register passengers at check-in and departure.

5BTLT JODMVEF o

B PCUBJOJOH JOGPSNBUJPO BCPVU USBWFM EFTUJOBUJPOT transport and accommodation, ascertaining DVTUPNFST SFRVJSFNFOUT PO USBWFM BSSBOHFNFOUT

C QSPWJEJOH JOGPSNBUJPO BCPVU SFHJPOBM BUUSBDUJPOT TJHIUTFFJOH UPVST SFTUBVSBOUT BOE DVMUVSBM FWFOUT

D QSFQBSJOH JUJOFSBSJFT

E NBLJOH BOE DPOGJSNJOH USBWFM UPVST BOE BDDPNNPEBUJPO BSSBOHFNFOUT

F JTTVJOH UJDLFUT CPBSEJOH QBTTFTTJOH QBTTQPSUT BOE WFSJGZJOH USBWFM EPDVNFOUT

G BTTJTUJOH DVTUPNFST JO PCUBJOJOH USBWFM JOGPSNBUJPO

H WFSJGZJOH USBWFMMFST UJDLFUT BOE CBHHBHF BU DIFDL-JO

I QSFQBSJOH CJMMT BOE SFDFJWJOH QBZNFOUT

Examples of the occupations classi ed here:

"JSMJOF UJDLFU BHFOU
Check-in attendant
5JDLFU JTTVJOH DMFSL
5PVSJTN JOGPSNBUJPO DMFSL
5SBWFM BHFODZ DMFSL
5SBWFM DPOTVMUBOU
5SBWFM EFTL DMFSL

Some related occupations classi ed elsewhere:

5SBWFM BHFODZ NBOBHFS o
$POGFSFODF BOE FWFOU DPPSEJOBUPST BOE QSPGFTTJPOBM DPOHSFTT PSHBOJTFST o
5PVS PQFSBUPS o
5PVS FTDPSU o
5PVSJTU HVJEF o
5JDLFU JTTVJOH DMFSL
TQPSUJOH FWFOUT o

Unit Group 4222

Contact Centre Information Clerks

$POUBDU DFOUSF JOGPSNBUJPO DMFSLT SFDFJWF JODPNJOH DBMMT BOE JOGPSNBUJPO SFRVFTUT SFHBSEJOH B DPNQBOZ T PS BO PSHBOJ[BUJPOT T HPPET TFSWJDFT PS QSPDFTTFT BOE BDUJPOT VTJOH UIF UFMFQIPOF PS FMFDUSPOJD DPNNVOJDBUJPOT NFEJB TVDI BT FNBJM JO QSFNJTFT UIBU NBZ CF SFNPUF GSPN DMJFOUT PS PUIFS PQFSBUJPOT PG UIF PSHBOJ[BUJPOT PS DPN-QBOJFT BDDPVOUT XIPN JOGPSNBUJPO JT

5BTLT JODMVEF o

(a) receiving incoming calls and messages
BOTXFSJOH HFOFSBM JOGPSNBUJPO DBMMT BOE SFTQPOEJOH UP DPNQMBJOUT
(b) receiving orders, information sheets and other documents
EPDVNFOUT UP DMJFOUT
(c) sending letters, information sheets and other documents
TFOEJOH MFUUFST JOGPSNBUJPO TIFFUT BOE PUIFS EPDVNFOUT UP DMJFOUT
(d) answering queries from clients
BOTXFSJOH RVFSJFT GSPN DMJFOUT
(e) taking messages
UBLJOH NFTTBHFT
(f) helping customers in obtaining necessary documents
IFMQJOH DVTUPNFST JO PCUBJOJOH EPDVNFOUT
(g) explaining procedures and assisting customers in lling forms
FYQMBJOJOH QSPDFEVSFT BOE BTTJTUJOH DVTUPNFST JO GJMMJOH GPSNT
(h) weighing and labelling luggage and directing passengers to departure gates
XFJHIJOH BOE MBCFMMJOH MVHHBHF BOE EJSFDUJOH QBTTFOHFST UP EFQBSUVSF HBUFT
(i) checking tickets and boarding passes
DIFDLJOH UJDLFUT BOE CPBSEJOH QBTTFT

Examples of the occupations classi ed here:

Customer contact centre information clerk
Information clerk
Reservation clerk
Travel clerk

Some related occupations classi ed elsewhere:

Airport ground operations supervisor o
Airport passenger transport worker o
Cabin crew member o
Flight attendant o
Purser (ship's steward/stewardess) o
Travel agency manager o

Note

0OMZ XPSLFST XIP SFTQPOE UP SFRVFTUT BOE PS IBOEMF USBJHIUGPSXBSE USBOTBDmE JO 6OJU (SPVQ $PNUBDU $FOUSF *OizFE HSPVQ XIP QSPWJEF TQFDJBMJ[FE TFSWUSBWFM DPOTVMUBOU BSF DMBTTJmFE JO UIcontact centres.

Unit Group 4223

Telephone Switchboard Operators

5PQFSBUPST PG UFMFQIPOF DPNNVOJDBUJPOT TXJUDICPBSET QFSGPSN TJNJMBS UBTLT UP UIPTF EFTDSJCFE BCPWF BU DPNQBOJFT PSHBOJTBUJPOT PS QVCMJD BVUIPSJUJFT

5BTLT JODMVEF o

(a) operating switchboards and consoles to connect, hold, transfer and disconnect telephone DBMMT
C NBLJOH DPOOFDUJPOT GPS PVUHPJOH DBMMT
D EFBMJOH XJUI UFMFQIPOF JORVJSJFT
DPSEJOH NFTTBHFT

Examples of the occupations classi ed here:

5FMFQIPOF TXJUDICPBSE PQFSBUPS

Unit Group 4224

Hotel Receptionists

Hotel receptionists welcome and register guests JO IPUFMT BOE PUIFS FTUBCMJTINFOUT BDDPNNPEBUJPO TFSWJDFT D5IFSZ DBSSJFTHVFTUT JOGPSNBUJPO BCPVU JTTVF LFZT QSPWJEF JOGPSNBUJPOIN QMBJOJOH UIF TFSWJDFT QSPWJEFE NBLF SEPNSGTFSWBUJPONQLFYQJORVJSJFT UP B SFDPSE PG SPPNT BWBJMBCMPSGPSQPSDUVBWDZFSQTF sent statements of charges to departing guests BOE SFDFJWF QBZNFOU

5BTLT JODMVEF o

B NBJOUBJOJOH BO JOWFOExamples of the occupations classi ed here:TBTJTUBOUT DMFSL GPS PDDVQBODZ SFTFSWBUJPOT JOPRVJSJFT Information clerk TJHONFOUT

C SFHJTUFSJOH BSSJWJOH HVFTUT BTTJHOJOH SPPNT WFSJGZJOH DVTUPNFST DSFEJU BOE JTTVJOH SPPN LFZT

D QSPWJEJOH JOGPSNBU-JPUnit Group 4226 WJDFT BOE TFSWJDFT B-WBJMBCMF JO UIF DPNNV OJUZ

Receptionists (general)

E QSPWJEJOH JOGPSNBUJPO BDDPNNPEBUJPO BOE NB-LJOH SSTP PDNMSF TFDUWBS HVFTUT BOE SFTQPUJPOT BOE SFRVFTUT JODMVE-JOH BSSBO

F SFTQPOEJOH UP HVFT-UTmentsSFRVFTUT GPS IPVTF LFFQJOH BOE NBJOUFOBODF SBFTLWTJDDFDMBVE XFoM BT UP DPNQMBJOUT

(f) contacting housekeeping or maintenance ser- B SFDFJWJOH BOE XFMDPNJOH WJTJUI WJDFT XIFO HVFTUT SFQPSUCQSNPBCLMFONHT BQQPJOUNFOUT GPS DMJFOU

(g) compiling and checking guest accounts for charges using computerized or manual sys- D EFBMJOH XJUI UFMFQIP-OF SFRVFTUT UFNT UJPO PS BQQPJOUNFOUT

I SFDFJWJOH BOE GPSXBSEJOHQNFSTTPBHFT JO QFSTPO or using telephones or telephone switch- CPBSET

(d) directing clients to appropriate location or

(e) supplying information pamphlets, brochures or forms.

J SFWJFXJOH TUBUFNFOUT PG DIBSHFT UP EFQBSUJOH HVFTUT BOE SFDFJWJOH QExamples of the occupations classi ed here:

.FEJDBM P DF SFDFQUJPOJTU

Receptionist

Examples of the occupations classi ed here:

Hotel front desk clerk

Hotel receptionist

Some related occupations classi ed elsewhere:

.FEJDBM TFDSFUBSZ o

)PUFM SFDFQUJPOJTU o

Unit Group 4225

Inquiry Clerks

*ORVJSZ DMFSLT SFTQPOE UQQFSTPQBM XSJUUFQ BOE FMFDUSPOJD NBJM BT XFMM BT UFMFQIPOF JORVJSJFT BOE complaints about the organization s goods, ser- 4VSWFZ BOE NBSLFU SFTFBSDI JOUFSWJFXFS WJDFT BOE QPMJDJFT QSPWJEFF JQOMFSNBUJPOBUJSGDBPSEEEHFJSS SFTQPOT QFPQMF UP PUIFS TPVSDFT NBFZLFBUSSFFTNQBMDZREVFTUJPOT PO B SBOH locations which put them in direct contact with clients or with the production of the goods and TFSWJDFT QSPWJEFE

5BTLT JODMVEF o

B DPOUBDUJOH JOEJWJEVBMT CZ UF QFSTPO BOE FYQMBJOJOH UIF QVSQF UFSWJFX

B BOTXFSJOH JORVJSJFT BCPVU THLPJDEFH FTVSWUJDTT GPMMPXJO BOE QPMJDZ BOE QSPWJEJOHRJVGTPSNBUJPOBCPVE TVSWFZT

Unit Group 4227

Survey and Market Research Interviewers

(c) recording responses on paper or entering process information from clients needed to de-
responses directly into a computer database UFSNJOF FMJHJCJMJUZ GPS TFSWJDFT
UISPVHI DPNQVUFS BTTJTUFE JOUFSWJFXJOH QBUJFOUT UP PC
UFNT
B JOUFSWJFXJOH QBUJFOUT UP PC
E JEFOUJGZJOH BOE SFTPMWJOH GFFECBDL UCP JOVSWSWZJFXQPOHTBQTQMDDBOUT GPS QV
SFTQPOTFT
WJDFT
F QSPWJEJOH GFFECBDL UCP JOVSWSWZJFXQPOHTBQTQMDDBOUT GPS QV
DFSOJOH QSPCMFNT JO PCUBJOJOH JOGPSNBUJPO FBSUIFS
QMJDBUJPO
Examples of the occupations classi ed here:
D WFSJGZJOH UIF BDDVSBDZ PG JOGP
.BSLFU SFTFBSDI JOUFSWJFXFS
1VCMJD PQJOJPO JOUFSWJFXFS
4VSWFZ JOUFSWJFXFS

Unit Group 4229

Client Information Workers Not Elsewhere Classified

5IJT VOJU HSPVQ JODMVEFT &MJHJCJMJUZ JOUFSWJFXFS
UJPO XPSLFST OPU JODMVEFE FMTFXIFSF *OGPSNBUJPO
(SPVQ $MJFOU
instance, it includes workers who obtain and

Sub-ma~or Group 43

Numerical and Material Recording Clerks

Numerical and material recording clerks obtain, compile and compute accounting, bookkeeping, statistical, nancial and other numerical data, and take charge of cash transactions incidental to business matters. Some occupations classi ed here keep records of goods produced, purchased, stocked and dispatched, and of materials needed at speci ed production dates, or keep records of operational aspects and coordinate the timing of passenger and freight transport. Competent performance in most occupations in this sub-major group re-
RVJSFT TLJMMT BU UIF TFDPOE *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ JODMVEF DPMMFDUJOH BOE DPNQVUJOH JOGPSNBUJPO SFDPSET BOE DPNQJMJOH TUBUJTUJDBM JOGPSNBUJPO XSJUJOH PSEFST BOE JO TPNF DBTFT RSFQBSJOH XBHF BOE TBMBSZ DIFDLT BOE DBMDVMBUJOH UBY BOE TPDJBM TFDVSJUZ DPOUSJCVUJPOT JODJEFOUBM UP UIF DBSSZJOH PVU PG UIFTF UBTLT NBZ CF DBSSJFE PVU VTJOH IBOEIFME DPNQVUFST UIBU BSF QSPHSBNNFE UP QFSGPSN TQFDJBMJTFE UBTLT TVDI BT VUJMJUZ CJMMJOH BOE TUPDL DPOUSPM VQEBUJOH TUPSF SFDPSET BOE QSPEVDJOH TUBUJTUJDBM SFQPSUT 5IFTF PDDVQBUJPOT BMTP JOWPMWF UIF VTF PG DPNQVUFS QBDLBHFT GPS XPSE QSPDFTTJOH TQSFBETIFFUT EBUBCBTF NBOBHFNFOU BOE DPNNVOJDBUJPOT 5IF NBKPSJUZ PG QFSTPOT JO UIJT TVCNBKPS HSPVQ BSF FNQMPZFE CZ TNBMM CVTJOFTTFT XIFSF UIFZ NBZ CF SFTQPOTJCMF GPS BMM BTQFDUT PG UIF BDDPVOUJOH BOE CPPLLFFQJOH SFDPSET BOE DPNQJMJOH TUBUJTUJDBM JOGPSNBUJPO XSJUJOH PSEFST BOE JO TPNF DBTFT QSFQBSJOH XBHF BOE TBMBSZ DIFDLT BOE DBMDVMBUJOH UBY BOE TPDJBM TFDVSJUZ DPOUSJCVUJPOT JODJEFOUBM UP UIF DBSSZJOH PVU PG UIFTF UBTLT NBZ CF DBSSJFE PVU VTJOH IBOEIFME DPNQVUFST UIBU BSF QSPHSBNNFE UP QFSGPSN TQFDJBMJTFE UBTLT TVDI BT VUJMJUZ CJMMJOH BOE TUPDL DPOUSPM VQEBUJOH TUPSF SFDPSET BOE QSPEVDJOH TUBUJTUJDBM SFQPSUT 5IFTF PDDVQBUJPOT BMTP JOWPMWF UIF VTF PG DPNQVUFS QBDLBHFT GPS XPSE QSPDFTTJOH TQSFBETIFFUT EBUBCBTF NBOBHFNFOU BOE DPNNVOJDBUJPOT 5IF NBKPSJUZ PG QFSTPOT JO UIJT TVCNBKPS HSPVQ BSF FNQMPZFE CZ TNBMM CVTJOFTTFT XIFSF UIFZ NBZ CF SFTQPOTJCMF GPS BMM BTQFDUT PG UIF BDDPVOUJOH BOE DPPLLFFQJOH SFDPSET BOE DPNQJMJOH TUBUJTUJDBM JOGPSNBUJPO XSJUJOH PSEFST BOE JO TPNF DBTFT QSFQBSJOH XBHF BOE TBMBSZ DIFDLT BOE DBMDVMBUJOH UBY BOE TPDJBM TFDVSJUZ DPOUSJCVUJPOT JODJEFOUBM UP UIF DBSSZJOH PVU PG UIFTF UBTLT NBZ CF DBSSJFE PVU VTJOH IBOEIFME DPNQVUFST UIBU BSF QSPHSBNNFE UP QFSGPSN TQFDJBMJTFE UBTLT TVDI BT VUJMJUZ CJMMJOH BOE TUPDL DPOUSPM VQEBUJOH TUPSF SFDPSET BOE QSPEVDJOH TUBUJTUJDBM SFQPSUT 5IFTF PDDVQBUJPOT BMTP JOWPMWF UIF VTF PG DPNQVUFS QBDLBHFT GPS XPSE QSPDFTTJOH TQSFBETIFFUT EBUBCBTF NBOBHFNFOU BOE DPNNVOJDBUJPOT 5IF NBKPSJUZ PG QFSTPOT JO UIJT TVCNBKPS HSPVQ BSF FNQMPZFE CZ TNBMM CVTJOFTTFT XIFSF UIFZ NBZ CF SFTQPOTJCMF GPS BMM BTQFDUT PG UIF BDDPVOUJOH BOE C

TVDI NBUUFST BT DBTI SFDFJQUT BOE EJTCVSTFNFOUT BDDPVOUT QBZBCMF BOE SFDFJWBCMF and losses.

Examples of the occupations included here:
"DDPVOUT DMFSL
Bookkeeping clerk
Cost computing clerk

Some related occupations classi ed elsewhere:
"DDPVOUJOH BTTJTUBOU o
#PPLLFFQFS o

Unit Group 4312
Statistical, Finance and Insurance Clerks

Statistical, nance and insurance clerks obtain, compile and compute statistical or actuarial data or perform clerical tasks relating to the transactions of insurance establishments, banks and other nancial establishments.

5BTLT JODMVEF o
(a) processing insurance enrolments, cancellations, claims transactions, policy changes BOE QBZNFOUT
(b) obtaining and compiling statistical or actuarial data based on routine or special sources PG JOGPSNBUJPO
(c) calculating premiums, annuities, mortgage payments and other details and presenting them in the required format
(d) preparing financial documents, and calculating interest or brokerage charges and TUBNQ EVUJFT QBZBCMF
(e) maintaining records of bonds, shares and other securities bought or sold on behalf of clients or employers.

Examples of the occupations classi ed here:
"DUVBSJBM DMFSL
Brokerage clerk
Finance clerk
Insurance clerk
.PSUHBHF DMFSL

Some related occupations classi ed elsewhere:
4UPDLT BOE TIBSFT CSPLFS o
"DDPVOUJOH BTTJTUBOU o
4UBUJTUJDBM BTTJTUBOU o
5SBEF CSPLFS o
"DDPVOUT DMFSL o
#PPLLFFQJOH DMFSL o

Unit Group 4313
Payroll Clerks

1BZSPMM DMFSLT DPNNFDU WFSJGZ information and compute pay and bene t entitlements for employees within a department, company or other establishment.

5BTLT JODMVEF o
(a) maintaining records of employee attendance, leave and overtime and calculating bene t entitlements, using manual or computerized systems
(b) calculating gross and net salaries for employees, indicating deductions
(c) preparing employee payments and benefit cheques
(d) verifying time sheets, work schedules and other payroll documents
(e) checking computation and other information to detect errors
(f) verifying and adjusting payroll information, and posting information into designated records.

Example of the occupations included here:
Wages clerk

Some related occupations classi ed elsewhere:
"DDPVOUJOH BTTJTUBOU o
#PPLLFFQFS o
"DDPVOUT DMFSL o
#PPLLFFQJOH DMFSL o

Minor Group 432
Material Recording and Transport Clerks

.BUFSJBM SFDPSEJOH BOE USBOTQPSU DMFSLT record and dispatched, and of materials needed at speci ed production dates, or keep records of operational aspects and coordinate the timing of passenger and freight transport.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF SFDFJWJOH BOE SFDPSEJOH

QSPEVDUJPO NBUFSJBMT SFRVJSFE BU UIT QSPEVDUJPO TDIFEVMFT BOE DPPSEJOBUFT BDUJWJUJFT PG QSPEVDUJPO PQFSBUJPO TDIFEVMFT BOE PSEFST PQFSBUJPOT PG QSPEVDUJPO PQFSBUJPO TDIFEVMFT BOE PSEFST
the timing of passenger and freight transport.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSFOJDUMBSFWJFXFE JOUP UIF GPM

4321 Stock Clerks

4322 Production Clerks

4323 Transport Clerks

Unit Group 4321

Stock Clerks

Stock clerks maintain records of goods produced BOE QSPEVDUJPO NBUFSJBMT SFDFJWFE BOE EJTQBUDIFE XIFUIFS JO TUPDL issued, dispatched or put into stock.

5BTLT JODMVEF o

(a) arranging and controlling receipt and dis- QBUDI PG HPPET BOE LFFQJOH SFMFWBOU SFDPSET

C NBJOUBJOJOH TUPDL SFDPSET PG HPPET FTUJNBUJOH OFFET BOE QSPEVDUJPO UJPOT PG OFX TUPDLT

D SFDFJWJOH TUPSJOH BOE JTTVJOH UPPMT TQBSF QBSUT PS WBSJPVT FRVJQNFOU BOE NBJOUBJOJOH SFMFWBOU SFDPSET

E XFJHIJOH HPPET SFDFJWFE PS JTTVFE BOE NBJOUBJOJOH SFMFWBOU SFDPSET

F DPNQJMJOH JOWFOUPSJFT5BTLT JODMVEF o

(a) arranging and controlling receipt and dis- QBUDI PG HPPET BOE LFFQJOH SFMFWBOU SFDPSET PG P JUFNT SFDFJWFE GPS TUPDL

Examples of the occupations classi ed here:

%JTQBUDI DMFSL TUPDL
Freight clerk
Stock clerk
Storeroom clerk
Weighing clerk

Unit Group 4322

Production Clerks

1SPEVDUJPO DMFSLT DPNQJMF BOE DIFDL QSPEVDUJPO TDIFEVMFT BOE PSEFST UFSJBMT SFRVJSFE BU TQFDJmFE TUBHFT PG NBOVGBDUVSJOH DPOTUSVDUJPO BOE TJNJMBS QSPEVDUJPO QSPHSBNNFT BOE QSFQBSJOH QSPEVDUJPO PQFSBUJPO TDIFEVMFT

5BTLT JODMVEF o

B DPNQVUJOH RVBOUJUJFT UTVDI BT NBUFSJBMT QFSTPOOFM BOE NBDIJOF UJNF SFRVJSFE GPS TUBHFT PG NBOVGBDUVSJOH DPOTUSVDUJPO BOE TJNJMBS QSPEVDUJPO QSPHSBNNFT

C QSFQBSJOH QSPEVDUJPO PQFSBUJPO TDIFEVMFT BOE PSEFST UP NFFU DVTUPNFST PSEFST BOE QSPEVDUJPO DBQBDJUZ XIFO OFFEFE BOE LFFQJOH SFMFWBOU SFDPSET

(c) preparing or assisting in the preparation of production operation schedules on the basis of customers orders and production capacity BOE QFSGPSNBODF

SWFDSJJGZFDH XTUJHDILFTE BS-SBOHJOH EFM WFTUJHBUJOH EFMBZT

F SFDPSEJOH BOE DPPSEJOBUJOH UIF and materials between departments.

Examples of the occupations classi ed here:

Production clerk
Schedule clerk (materials)

Unit Group 4323

Transport Clerks

1SPEVDF PS GPS JTTVF PS EJTQBUDI BOE NBJOUBJO SFMFWBOU SFDPSET PG P

(c) preparing and coordinate the timing of train, road and air passenger and freight transport, and prepare reports for management.

5BTLT JODMVEF o

(a) keeping records of operational aspects and coordinating the timing of passenger and GSFJHIU USBOTQPSU

C EJSFDUJOH USBJO SPVUJOHT XJUIJO zone of a railway system and keeping related SFDPSET

(c) directing, controlling and keeping records of GSFJHIU IBOEMJOH BU B SBJMXBZ ZBS

(d) coordinating and keeping records of oper- BUJPOBM BDUJWJUJFT DPODFSOJOH S

(e) coordinating and keeping records of oper- BUJPOBM BDUJWJUJFT DPODFSOJOH of passengers and freight, such as passenger

(f) preparing reports for management.

Examples of the occupations classi ed here:

Sub-ma~or Group 44

Other Clerical Support Workers

0UIFS DMFSJDBM TVQQPSU XPSLFST FOHBHF JO DMFSJDBM BDUJWJUJFT OPU FMTFXIFSF DMBTTJGJFE
processing, maintain personnel records, check material for consistency with original source
NBUFSJBM BTTJTU QFSTPOT XIP WJTJU QBUJFOUT BU IPTQJUBMT DMJOJDT PS PUIFS IFBMUI GBDJMJUJFT
DMFSJDBM EVUJFT $PNQFUFOU QFSGPSNBODF JT HFOFSBMMZ DMPTFMZ SFMBUFE UP UIF TLJMMT PG
TLJMMT BU UIF TFDPOE *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFSTJO UIJT TVC NBKPS HSPVQ JODMVEF TVDI UBTLT BT DPNQVUJOH
HBSEFJOH BDRVJTJUJPO JTTVF BOE EJTQBUDI DMFSLT BOE SFDFQUJPOJTUT
BOE PUIFS SFDPSET NBJOUBJOJOHSFHJTUFS PG NBUFSJBMT SFDFJWFE BOE JTTVFE
QPTU P DFT BT XFMM BT GSPN PS XJUIJO BO FOUFSQSJTF DMBTTJGJFE JO UIJT TVC NBKPS HSPVQ
PG NJTDFMMBOFPVT DMFSJDBM EVUJFT XIJDI DBOOPU CF TQFDJGJFE TFQBSBUFMZ

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ BSF

441 Other Clerical Support Workers

Minor Group 441

Other Clerical Support Workers

0UIFS DMFSJDBM TVQQPSU XPSLFST FOHBHF JO DMFSJDBM BDUJWJUJFT OPU FMTFXIFSF DMBTTJGJFE
processing, maintain personnel records, check material for consistency with original source
NBUFSJBM BTTJTU QFSTPOT XIP WJTJU QBUJFOUT BU IPTQJUBMT DMJOJDT PS PUIFS IFBMUI GBDJMJUJFT
clerical duties.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFH SFDPSEJOH JOGPSNBUJPO JO QBUJFOU DIBSUT
SFUVSO PG MJCSBSZ CPPLT DMBTTJGZ JPVSHFBMT DPMMFDU EPOBUF NBJM BOE
UBJOJOH QFSTPOOFM SFDPSET TPSU WPMVNJOPVT NBUFSJBMT BOE QSFQBSF
GSPN PS XJUIJO BO FOUFSQSJTF DMBTTJGZ BOE DPEF JOGPSNBUJPO
DMFSJDBM EVUJFT XSJUJOH PO CFIBMG PG QSPWJEFST XIP BSF VOBC

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF JODMVEFE JO UIF GPM

4411 Library Clerks
4412 Mail Carriers and Sorting Clerks
4413 Coding, Proofreading and Related Clerks
4414 Scribes and Related Workers
4415 Filing and Copying Clerks
4416 Personnel Clerks
4419 Clerical Support Workers Not Elsewhere Classified

Unit Group 4411

Library Clerks

-JCSBSZ DMFSLT JTTVF BOE SFDFJWF JOWFOUPSJFT DBUBMPHVF BOE DIFDL PVU
TPSU BOE TIFMWF CPPLT- TFMG TUVEZ NBUFSJBMT BOE QSPWJEF HFOFSBM JOGPSNBUJPO
to library users.

5BTLT JODMVEF o

B JTTVJOH BOE SFDFJWJOH MJCSBSZ CPPLT BOE PUIFS
NBUFSJBMT

(b) placing books and other library materials on TIFMWFT

D QFSGPSNJOH DMFSJDBM BDUJWJUJFT SFMBUFE UP CPPLT BOE PUIFS
and electronic ling, word processing and
PDDBTJPOBM UZQJOH

(E) Vassisting library users in accessing and using
CSBSZ NBUFSJBMT BOE NBLJOH JOUFSM

(F) maintaining library records and registers
BDRVJTJUJPO JTTVF BOE SFUVS
other materials.

Examples of the occupations classi ed here:
Library clerk
Library ler

Unit Group 4412

Mail Carriers and Sorting Clerks

.BJM DBSSJFST BOE TPSUJOH DMFSLT sort and deliver mail to addresses within a territory, or prepare mail for delivery to persons who are usually met at a central point. They may work with letters and parcels for private companies or with mail for government organizations, as well as from or within an establishment.

5BTLT JODMVEF o

(a) performing mail-handling duties in public QPTU P DFT PS QSJWBUF MZ PXOFE PS FNQMPZFE UBCMJTINFOUT

C TPSUJOH BOE EFMJWFSJOH NBJM UP QSJWBUF BOE CVTJOFTTFT

D QSPWJEJOH EFMJWFSZ DPNQBOZ JOGPSNBUJPO XIFO SFRVFTUFE CZ UIF DMJFOU

(d) sorting and keeping simple records of incoming and outgoing correspondence and EJTQBUDIJOH PVUHPJOH NBJM JO FTUBCMJTINFOUT

Examples of the occupations classi ed here:

.BJM DMFSL
Post carrier
1PTUNBO XPNBO

Unit Group 4413

Coding, Proofreading and Related Clerks

Coding, proofreading and related clerks convert information into codes, verify coded information, proofs, and perform a number of miscellaneous clerical duties.

5BTLT JODMVEF o

B DPOWFSUJOH JOGPSNBUJPO JOUP DPEFT GPS EBUB QSPDFTTJOH QVSQPTFT

C DPNQBSJOH QSPPGT PG UFYU UP PSJHJOBM NBUFSJBM DPSSFDUJOH FSSPST NBSLJOH UFYU GPS QSJOUFS BDDPSEJOH UP FTUBCMJTIFE TUZMFT

(c) sorting forms and marking them with identifying codes

(d) sorting documents for ling or to collate sets PG QBHFT

F BEESFTTJOH DJSDVMBST BOE FOWFMPQFT CZ IBOE

Examples of the occupations classi ed here:

Coding clerk
Proofreading clerk

Unit Group 4414

Scribes and Related Workers

Scribes and related workers write letters and prepare documents for persons who are unable to read or write.

5BTLT JODMVEF o

(a) reading letters and other written matter to persons who are unable to read or write and QSPWJEJOH OFDFTTBSZ JOUFSQSFUBUJPO

(b) writing letters and completing forms on CFIBMG PG UIPTF QFSTPOT

D PG GFSJOH BEWJDF UP JOEJWJEVBMT XIP DBOOPU SFBE PS XSJUF

Example of the occupations classi ed here:

4DSJCF

Unit Group 4415

Filing and Copying Clerks

Filing and copying clerks le correspondence, documents and other materials in alphabetical or numerical order or according to UIF mMJOH TZTUFN VTFE 5IFZ NPEJGZ BOE SFUSJFWF NBUFSJBM GSPN mMF X-IFO SFRVFTUFE DPQZ TDBO PS GBY EPDVNFOUT

5BTLT JODMVEF o

(a) sorting or classifying materials according to guidelines such as content, purpose, user criteria, or chronological, alphabetical or numerical order

(b) ling material in drawers, cabinets and boxes

D MPDBUJOH BOE SFNPWJOH NBUFSJBM GSPN mMF X-IFO SFRVFTUFE NBSLJOH UFYUT

(d) keeping records of materials filed and removed

F QIPUPDPQZJOH TDBOOJOH PS GBYJOH

Examples of the occupations classi ed here:

Copying clerk
Filing clerk

Unit Group 4416

Personnel Clerks

Personnel clerks maintain and update personnel records such as information on transfers and QSPNPUJPOT QFSGPSNBODF FWBMVBUJPOT MFBWF UBLFO BOE BDDVNVMBUFE TBMBSJFT BOE USBJOJOH

5BTLT JODMVEF o

(a) updating information on employment his-
U P S Z T B M B S J F T Q F S S J P S N B O D F F W B M V B U J P O T
RVBMJmDBUJPOT BOE USBJOJOH BOE MFBWF UBLFO
BOE BDDVNVMBUFE

(b) initiating records for newly appointed workers and checking records for complete-
OFTT

(c) processing applications for employment and
QSPNPUJPOT BOE BEWJTJOH PO BQQMJDBUJPO QPMJDJFT
TVMUT

E SFDFJWJOH BOE BOTXFSJOH JOUFSOBM BOE FYUFSOBM JOR-
QMPZNFOU FOUJUMFNFOUT BOE MBUFS SFUSJFWBM PG FSUJTJOH SBUFT BOE CJN

(e) sending out job applications and announce-
NFOUT PG KPC PQFOJOHT BOE FKCPDCFFYTBNJOBTUSPQQTMJFT

(f) maintaining and updating manual and computerized ling and registration systems, and compiling and preparing reports and docu-
NFOUT SFMBUJOH UP QFSTPOOFM BEWBSUJTJOH FUT DBUBMPHVFT EJS
H TUPSJOH BOE SFUSJFWJOH QFSTPOOFM SFDPSET BOE MFUUFST BOE
m MFT PO SFRVFTU

Examples of the occupations classi ed here:
Human resource assistant
Human resource clerk

Unit Group 4419

Clerical Support Workers Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST DMFSJDBM TV
OPU DMBTTJmFE FMTFXIFSF JO .BKPS (S
ical Support Workers. For instance, the group includes correspondence clerks, press clippers and publication clerks.

B SFDFJWJOH DVTUPNFST PSE
E SFDFJWJOH BOE BOTXFSJOH JOUFSOBM BOE FYUFSOBM JOR-
QMPZNFOU FOUJUMFNFOUT BOE MBUFS SFUSJFWBM PG FSUJTJOH SBUFT BOE CJN

C XSJUJOH CVTJOFTT BOE-HPWFSONFOU
NFOUT PG KPC PQFOJOHT BOE FKCPDCFFYTBNJOBTUSPQQTMJFT- UP SFRVFST
tion and assistance, damage claims, credit
BOE CJMMJOH JORVJSJFT BOE TFSWJI

(c) assisting in the preparation of periodicals,
QFSTPOOFM BEWBSUJTJOH FUT DBUBMPHVFT EJS
H TUPSJOH BOE SFUSJFWJOH QFSTPOOFM SFDPSET BOE MFUUFST BOE

(d) reading newspapers, magazines, press releases and other publications to locate and
m MF BSUJDMFT PG JOUFSFTU UP TU

Examples of the occupations classi ed here:
"EWFSUJTJOH DMFSL
Correspondence clerk
%JSFDUPSZ DPNQJMFS
Press clipper
Publication clerk

Ma~or Group 5

SERVICES AND SALES WORKERS

4FSWJDFT BOE TBMFT XPSLFSTQSJNBSJMZ FOHBHFE JO TFMMJOH PS PCUBJOJOH HPPET GSPN PXOFST PS DVTUPNFST BOE JO TVQQMZJOH DVTUPNFST XJUI TFSWJDFT SFMBUFE UP UIF TBMF PG HPPET TVDI BT DMFSLT BOE DBTIJFST XIP TFMM HPPET JO XIPMFTBMF PS SFUBJM FTUBCMJTINFOUT BOE TFMM PS BSSBOHF GPS UIF TBMF PG HPPET JO TUPSFT BU TUBMMT BOE PO OPO TUPSF TFUUJOHT

5BTLT QFSGPSNFE CZ TFSWJDFT BOE PUIFS XPSLFST JODMVEF TVDI UBTLT BT QSFQBSJOH GPPE PS CFWFSBHFT UP CF TFSWFE JO SFTUBVSBOUT BOE PUIFS GPPE TFSWJDF FTUBCMJTINFOUT QSPWJEJOH QFSTPOBM TFSWJDFT TVDI BT DIJMEDBSF BOE QFSTPOBM BQQFBSBODF BTTJTUJOH DVTUPNFST XJUI GJUUJOH BOE USZJOH PO DMPUIJOH BOE TIPFT BOE TFMMJOH DFBVUZ VTFBUNFOUT BOE DPTNFUJDT BOE FNCBMNFST QSPWJEJOH TFSWJDFT SFMBUFE UP UIF EJTQPTBM PG IVNBO SFNBJOT BOE EJTQMBZ PG IPPET UIBU JODMVEF NPSUVBSZ TFSWJDFT DSFBUJPO BOE EJTQMBZ PG IPPET UIBU JODMVEF NFEJDBM BOE TVSHJDBM TUBNNT BOE PO NBSLFUT BOE EFNPOTUSBUPST BU WBSJPVT IBSWFTU GBJST XPSLFST NBZ CF JODMVEFE

0DDVQBUJPOT JO UIJT NBKPS HSPVQ JODMVEF

- **51 Personal Services Workers**
- **52 Sales Workers**
- **53 Personal Care Workers**
- **54 Protective Services Workers**

Sub-ma~or Group 51

Personal Services Workers

1FSTPOBM TFSWJDFT XPSLFST QSPWJEF WJTJUFST XJUI USBWFM BTTJTUBODF BOE QFSTPOBM TFSWJDFT JO IPUFMT BOE PUIFS UPVSJTU BDDPNNPEBUJPO FTUBCMJTINFOUT BOE TFSWJDFT JO SFTUBVSBOUT BOE DBGFT BOE JO IPNFT BOE PUIFS QMBDFT PG SFTJEFODF BOE JO TDIPPMT BOE PUIFS JOTUJUVUJPOT 5IJT TVC NBKPS HSPVQ TIPVME CF VTFE GPS DPEJOH BMM UIF TFDPOE

5BTLT QFSGPSNFE CZ XPSLFST JO UWJEFT TVDI BT IPUFMT BOE PUIFS UPVSJTU BDDPNNPEBUJPO FTUBCMJTINFOUT JO DPOOFDUJPO XJUI USBWFM BTTJTUBODF BOE TFSWJDFT JO DPOOFDUJPO XJUI IPUFMT BOE PUIFS UPVSJTU BDDPNNPEBUJPO FTUBCMJTINFOUT JODMVEF DBSSZJOH PVU SPPN TFSWJDFT GPS HVFTUT BOE BSSBOHJOH UPVST BOE USBWFM BSSBOHFNFOUT GPS HVFTUT BOE PUIFST 5IJT VOJU HSPVQ BMTP JODMVEFT XPSLFST XIP QSPWJEF QFSTPOBM TFSWJDFT TVDI BT DPPLJOH GPS BO PSHBOJ[BUJPO PS JOEJWJEVBM BOE XIP QMBO BOE DPPSEJOBUF IPVTFLFFQJOH BDUJWJUJFT PO TIJQT

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF

- **511 Travel Attendants, Conductors and Guides**
- **512 Cooks**
- **513 Waiters and Bartenders**
- **514 Hairdressers, Beauticians and Related Workers**
- **515 Building and Housekeeping Supervisors**
- **516 Other Personal Services Workers**

Minor Group 511

Travel Attendants, Conductors and Guides

5SBWFM BUUFOEBOUT DPOEVDUPST BOE UPVS HVJEFT QSPWJEF TFSWJDFT JO USBWFM NMJOH CZ BJSDSBGU USBJOT WFIJDMFT TIJQT PO USBWFM UPVST TJHIUTFFJOH WJTJUT BOE FYDVSTJPOT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF DPMMFDUJOH UJDLFUT FBDI[JOH QBTTFOHFST BOE SFGSFTINFOUT QSPWJEJOH JOGPSNBUJPO BCPVU UPVST BOE USBWFM DPNNFDUJOH PS JTTVJOH UJDLFUT FBDI[JOH QBTTFOHFST PO TJHIUTFFJOH UPVST PS FYDVSTJPOT BOE EFTDSJCJOH QPJOUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF

- **5111 Travel Attendants and Travel Stewards**
- **5112 Transport Conductors**
- **5113 Travel Guides**

Unit Group 5111

Travel Attendants and Travel Stewards

5SBWFM BUUFOEBOUT BOE USBWFM TUFXBSET DPNGPSU BOE TBGFUZ PG QBTTFOHFST BOE DFSUBJO QSPGFTTJPOBM BOE TFNJ-QSPGFTTJPOBM QFSTPOOFM BMMZ PO BJSDSBGU BOE PO DSVJTF TIJQT QFSGPSN TPNF PS BMM PG UIF GPMMPXJOH UBTLT

(a) greeting passengers entering aircraft or ships, checking tickets or boarding passes, and directing passengers to their seats

(b) demonstrating safety and emergency procedures such as the use of life preservers, oxygen masks, seat belts and exit doors

(c) preparing and serving food and beverages

(d) assisting passengers with their personal needs and comfort

(e) taking care of passengers who require special assistance, such as the elderly, disabled persons, unaccompanied children and infants

(f) administering first aid to passengers in distress

(g) attending pre-flight briefings concerning weather, flight routes, emergency

procedures, crew coordination, lengths of n JHIUT GPPE BOE CFWFSBHF 5FDIFUSWJDFQFDRUFSSFQEVCMJD USBO BOE OVNCFST PG QBTTFOHFST 5SBJO DPOEVDUPS

(j) preparing passengers and aircraft for take- P BOE MBOEJOH

(k) determining special assistance needs of passengers such as small children, the elderly or disabled persons.

Examples of the occupations classi ed here:
Cabin attendant
Flight attendant
Ship s steward

Unit Group 5112
Transport Conductors

5SBOTQPSU DPOEVDUPST DIFDL BOHEIUTTFVFOUHJDULFVSTTBOE ensure the safety and comfort of passengers on trains, trams, buses and other public transport WFIJDMFT

5BTLT JODMVEF o

(a) collecting and issuing tickets, passes or fares, BOE DIFDLJOH UIF WBMJEUJRUZVPGTUJPDTL FUT JTTVFE QSFWJPVTMZ

(b) attending to sleeping-cars and their occu- QBOUT PO QBTTFOHFS USBJOTNPOJUPSJOH WJTJUPST- BDUJWJUJFT D QSPWJEJOH BTTJTUBODF XJUI C Pi Sstabl Shment Tf Bt Uo Jeg la- BOE MVHHBHF BT SFRVJSFE FUJQFDTBMMZTUBRGFUZEQSSMBZDUJDFT TJDL PS JOKVSFE QFPQMF G HSFFUJOH BOE SFHJTUFSJOH E PQFOJOH BOE DMPTJOH EPPSQTBSUJDQBTTFUCHBSTE JTT-VJOH BOZ SF F QFSGPSNJOH FRVJQNFOU TBGFuZBUJFDQTHFPTHBTBGFUZ EFWJD EFQBSUVSF H EJTUSJCVUJOH CSPDIVSFT TIPXJOH G TJHOBMMJOH UP ESJWFST UQSTFUPRORUSBQSPOTFEBOE FYQMBJOJOH (g) greeting passengers boarding transportation BOE PQFSBUJPOT BU UPVS TJUFT FRVJQNFOU BOE BOOPVODJOH SQSVWJEBJOEHTUPQTQIZTJDBM TBGFUZ P I FOTVSJOH UIBU TBGFUZ SFHVQBSGPSNJBCSHFSEUQWDJWJEET TVDI BT QS J SFTQPOEJOH UP QBTTF-OHFSBTUESEFRVETUSTFDBUJEHDFNFSHFODZ FWBD QMBJOUT BOE QSPWJEJOHJJOSGFPTPMBVJDHOBEZ PQVSUCMFNT XJUI UPV TUPQT BOE DPOOFDUJPOT TFSWJDF PS BDDPNNPEBUJPO

(j) taking appropriate action in case of emergencies or accidents.

Examples of the occupations classi ed here:
Bus conductor
Cable car conductor

Unit Group 5113
Travel Guides

5SBWFM HVJEFT BDDPNQBOZ JOEJWJEVE PO USJQT TJHIUTFFJOH UPVST BOE FY on tours of places of interest such as historical sites, industrial establishments and theme parks.

5IFZ EFTDSJCF QPJOUT PG JOUF background information on interesting features.

5BTLT JODMVEF o

(a) escorting and guiding tourists on cruises and C FTDPSUJOH WJTJUPST UISPVHI QM TVDI BT NVTFVNT FYIJCJUJPOT UIFN GBDUPSJFT BOE PUIFS JOEVTUSJBM FT D EFTDSJCJOH BOE QSPWJEJOH QPJOUT PG JOUFSFTU BOE FYIJCJUT BOE E DPOEVDUJOH FEVDBUJP-OBM BDUJWJU DIJMESFO

Examples of the occupations classi ed here:
"SU HBMMFSZ HVJEF
5PVS FTDPSU
5PVSJTU HVJEF

Minor Group 512
Cooks

\$PPLT QMBO PSHBOJ[F QSFQBSF BOEQFDTPPS NFOBEMFS UBIDFDTPVSQEFSMWJUTPJ of chefs, in hotels, restaurants and other eating places, on board ships, on passenger trains BOE JO QSJWBUF IPVTFIPMET

5BTLT QFSGPSNFE VTVBMMZ JODMVEFDRQPMLBJOEHJGHPNENFBMTT QQSWFBQOBS OJOH TVQFSWJTJOH BOE DPPSEJOBUDJOFHDLUIGHXDSFL PVGBMJJUUDZIFPG IGMPQ XFJHIJOH NFBTVSJOH BOE NJYJOH JOHBSDFEJQFDSUPBDBDMPSKEVJDHFUNFFS

SFHVMBUJOH UIF UFNQFSBUVSF PG DPPLJOH GPPET BOE DMFBOJOH UIF LJUDIFO LJUDIFOXBSF BOE GPPE IBOEMJOH QSBDUJDFT BOE QVSDIBTJOH GPPET BOE CFWFSBHFT GPS TUBGG fat fryers or griddles.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF DMBTTJmFE JOUP UIF GPM

5120 Cooks

Unit Group 5120

Cooks

Cooks plan, organize, prepare and cook meals, BDDPSEJOH UP SFDJQFT PS VSEFST TVDI BT HSJMMT EFFQ GBU GSZFST PS HSJEEMFT of chefs, in hotels, restaurants and other eating places, on board ships, on passenger trains and JO QSJWBUF IPVTFIPMET

5BTLT JODMVEF o

(a) planning meals and preparing and cooking GPPETUV T

C QMBOOJOH TVQFSWJTJOH BOE DPPPSEJOBUJOH UIF XPSL PG LJUDIFO IFMQFST

D DIFDLJOH UIF RVBMJUZ PG GPPE

E XFJHIJOH NFBTVSJOH BOE NJYJOH JOHSFEJFOUT according to recipes and personal judge-NFOU

F SFHVMBUJOH UIF UFNQFSBUVSF PG PWFOT HSJMMT PS #BSUF SPBTUFST BOE PUIFS DPPLJOH FRVJQNFOU

(f) inspecting and cleaning the kitchen, kitchen FRVJQNFOU BOE TFSWJOH BSFBT UP BOE TBOJUBSZ GPPE IBOEMJOH QSBDU

H PQFSBUJOH MBSHF WPMVNF DPPLJO VTUFOTJMT TVDI BT HSJMMT EFFQ GBU GSZFST PS HSJEEMFT.

Example of the occupations classi ed here:

Cook

Some related occupations classi ed elsewhere:

$BGÌ NBOBHFS o

3FTUBVSBOU NBOBHFS o

$IFG o

'BTU GPPE QSFQBSFS o

Note

Operators of small cafØs, restaurants and bars for whom UIF NBOBHFNFOU BOE TVQFSW-JTJPO PG TUB ni cant component of the work are classi ed in Unit (SPVQT $PPLT 8BJUFST PS depending on the main tasks performed.

Minor Group 513

Waiters and Bartenders

8BJUFST BOE CBSUFOEFST TFSWF GPPE BOE CFWFSBHFT JO DPNNFSDJBM clubs, institutions and canteens, on board ships and on passenger trains.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF PCTFSWJOH DVTUPNFST BOE HSFFUJOH UIFN BU UBCMFT XBSF BOE DMFBOJOH UIF DBSSZJOH PVU PG TFSWJOH BOE DMFBSJOH UBCMFT XJUI DMFBO MJOFO TFUUJOH UBCMFT BOE CFWFSBHF BOE GPPE TUPSFT BOE QSFQBSJOH PO UIF DJDJF PG XJOFT BOE TQJSJUT BOE QBTTJOH UIF PSEFST UP UIF LJUDIFO QSFQBSJOH CJMMT BOE BDD

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF DMBTTJmFE JOUP UIF GPM

5131 Waiters

5132 Bartenders

Unit Group 5131

Waiters

8BJUFST TFSWF GPPE BOE CFWFSBHFT JO dining and drinking places, clubs, institutions and canteens, on board ships and on passenger trains.

5BTLT JODMVEF o

(a) setting tables with clean linen, cutlery, DSPDLFSZ BOE HMBTTXBSF

(b) greeting customers and presenting them with NFOVT BOE CFWFSBHF MJTUT

D BEWJTJOH PO GPPE BOE CFWFSBH

(f) taking orders for food and drinks and passing PSEFST UP LJUDIFO PS CBS TUB

F TFSWJOH GPPE BOE CFWFSBHFT U UBCMFT

(f) clearing tables and returning dishes and cut-

(g) presenting bills, accepting payment and operating point-of-sales machines and cash registers.

Examples of the occupations classi ed here:
Sommelier
Waiter

Some related occupations classi ed elsewhere:
$BGÌ NBOBHFS o
3FTUBVSBOU NBOBHFS o
#BSUFOEFS o

Note
Operators of small cafØs, restaurants and bars for whom UIF NBOBHFNFOU BOE TVQFSW-JTJPO PG TUB JT OPU B TJH ni cant component of the work are classi ed in Unit (SPVQT $PPLT 8BJUFST PS #BSUFOEFST depending on the main tasks performed.

Unit Group 5132
Bartenders

#BSUFOEFST QSFQBSF NJY BOE TFSWF BMDPIPMJD EJSFDUMZ GSPN QBUSPOT a bar or counter, or through waiters.

5BTLT JODMVEF o
B UBLJOH CFWFSBHF PSEFSST GSPN TFSWJOH TUBGG
EJSFDUMZ GSPN QBUSPOT
C QSFQBSJOH BOE TFSWJOH BMDPIPMJD EBU B DeBeS

(c) washing used glassware, and cleaning and NBJOUBJOJOH CBS TFSWJDF BSFBT UF NBLJOH BSFBT BOE FRVJQNFOU TVDI BT NBDIJOFT
(d) collecting payment for sales, operating cash SFHJTUFST BOE CBMBODJOH DBTI SFD F UBQQJOH LFHT BOE BUUBDIJOH TVQQ
(f) assisting in keeping the bar properly stocked BOE BSSBOHJOH CPUUMFT BOE HMBTT H DIFDLJOH JEFOUJmDBUJPO PG DVTUP BHF SFRVJSFNFOUT GPS QVSDIBTF F
(h) taking steps to limit problems related to FYDFTTJWF ESJOLJOH T-VDI BT QFSTV tomers to stop drinking, declining further TFSWJDF PS PSEFSJOH USBOTQPSUBU J NJY JOH JOHSFEJFOUT UP QSFQBS PUIFS ESJOLT
K TFSWJOH TOBDLT PS PUIFS GPPE J tomers at the bar.

Example of the occupations classi ed here:
Bartender

Some related occupations classi ed elsewhere:
$BGÌ NBOBHFS o
3FTUBVSBOU NBOBHFS o
8BJUFS o

Note
Operators of small cafØs, restaurants and bars for whom UIF NBOBHFNFOU BOE TVQFSW-JTJPO PG TUB ni cant component of the work are classi ed in Unit (SPVQT $PPLT 8BJUFST PS #BSUF depending on the main tasks performed.

Minor Group 514
Hairdressers, Beauticians and Related Workers

)BJSESFTTFST CFBVUJDJBOT BOE SFMBUFE XPSLFSS DVTUPNFST CFBVUZ USFBUNFOUT BQQMZ DPTNFUJD QSPEVDUT UP JNQSPWF UIFJS BQQFBSBODF

5BTLT QFSGPSNFE WTVBMMZ JODMVEF DVUUJOH IBJS TIBWJOH BOE USJNNJOH CFBSET BOE NVTUBDIF VQ TIBQJOH BOE QPMJTIJOH mOHFS SBEJFNUIFSBQZ attending clients taking baths and administering elementary massage.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF JDUIBST FVQ JOUP UIF GPM
5141 Hairdressers
5142 Beauticians and Related Workers

Unit Group 5141
Hairdressers

Hairdressers cut, style, colour, straighten and QFSNBOFOUMZ XBWF IBJS TIBWF and treat scalp conditions.

5BTLT JODMVEF o
B DVUUJOH XBTIJOH UJOUJOH BOE XB
C TIBWJOH PS USJNNJOH CFBSET BOE N
D HJWJOH TDBMQ USFBUNFOUT NFOUT

F QSPWJEJOH BEWJDF PO IBJS DBSF BOE CFBVUZ USFBUNFOUT
VDUT BOE IBJSTUZMFT
(f) styling hair into dreadlocks and braids and
BEEJOH IBJS FYUFOTJPOT
(g) arranging appointments and collecting pay-
NFOUT
(h) cleaning work areas and sanitizing instru-
ments.

Examples of the occupations classi ed here:
Barber
Hair care specialist
Hairdresser
Hairstylist

(a) cleaning and applying cosmetics, lotions and
related products to face and other parts of
UIF CPEZ
C HJWJOH GBDJBM BOE CPEZ NBTTBHF
(c) applying make-up to clients of a beauty par-
MPVS PS UP BDUPST BOE PUIFS QFSGP
(d) cleaning, shaping and polishing nger- and
toenails and treating ailments of the human
foot such as corns, calluses or deformed toe-
OBJMT
(e) attending to clients taking baths and admin-
JTUFSJOH FMFNFOUBSZ NBTTBHF
G VTJOH XBYJOH TVHBSJOH BOE EFQJ
OJRVFT UP SFNPWF VOXBOUFE CPEJMZ
H BEWJTJOH DMJFOUT PO EJFU BOE
JO XFJHIU MPTT BOE TMJNNJOH
(h) arranging appointments and collecting pay-
ments.

Examples of the occupations classi ed here:
Beautician
Pedicurist
Slimming consultant

Unit Group 5142
Beauticians and Related Workers

#FBVUJDJBOT BOE SFMBUFE XPSLFST BQQMZ DPTNFUJDT BOE PUIFS USFBUNFOUT UP HJWF GBDJBM BOE body beauty treatments, apply cosmetics and NBLF VQ BOE HJWF PUIFS LJOET PG BEWJDF PO GBDJBM BOE JOEJWJEVBMT JO PSEFS UP JNQSPWF UIFJS BQQFBSBODF 5BTLT JODMVEF o

Minor Group 515
Building and Housekeeping Supervisors

#VJMEJOH BOE IPVTFLFFQJOH TVQFSWJTPST TVQFSWJTF UIF DMFBOJOH BOE PUIFS IPVTFLFFQJOH BDUJWJUJFT JO IPUFMT PGGJDFT BQBSUNFOUT DMFBOJOH FRVJQNFOU BOE JOWFOUPSZ TUPDLT BOE PUIFS FTUBCMJTINFOUT BOE JOTUJUVUJPOT take responsibility for housekeeping and caretaking functions in hotels, o ces, apartments, IPVTFT BOE QSJWBUF EXFMMJOHT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF CFEUJNF DIBOHJOH BOE IBOEMJOH MJOFO BOE DMFBOJOH FRVJQNFOU BOE JOWFOUPSZ TUPDLT BOE PUIFS FTUBCMJTINFOUT BOE JOTUJUVUJPOT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF JOUP UIF GPM

5151 Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments

5152 Domestic Housekeepers

5153 Building Caretakers

Unit Group 5151
Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments

$MFBOJOH BOE IPVTFLFFQJOH TVQFSWJTPST JO PGGJDFT IPUFMT BOE PUIFS FTUBCMJTINFOUT PSHBOJ[F DPPSEJOBUF BOE TVQFSWJTF DMFBOJOH BOE IPVTFLFFQJOH BDUJWJUJFT JO PGGJDFT IPUFMT BOE PUIFS FTUBCMJTINFOUT UP FOTVSF UIBU UIFZ BSF DBSSJFE PVU JO BDDPSEBODF XJUI FTUBCMJTIFE QSPDFEVSFT BOE TUBOEBSET BOE UIBU UIF QSFNJTFT BOE GBDJMJUJFT JO UIFTF FTUBCMJTINFOUT BSF LFQU DMFBO BOE XFMM NBJOUBJOFE 5BTLT JODMVEF o
(a) engaging, training, discharging, organizing
BOE TVQFSWJTJOH IFMQFST DMFBOJOH IPVTFLFFQJOH TUBGG
(b) purchasing or contracting for the purchase of
TVQQMJFT
JO PSEFS UP FOTVSF UIBU UIFZ BSF LFQU JO HPPE SFQBJS BOE JTTVFE UP UIF QSPQFS TUBGG BOE UIBU UIF QSFNJTFT BOE GBDJMJUJFT BSF LFQU DMFBO BOE XFMM NBJOUBJOFE BOE JOTUJUVUJPOT

F TXFFQJOH WBDVVN DMFBOJOH XBTIJOH BOE QPMJTIJOH nPPST GVSOJUVSF XJOEPXT BOE TJNJMBS TVSGBDFT
(f) making beds, cleaning bathrooms and supplying guests with toiletries,
QMZJOH UPXFMT TPBQ BOE TIBNQPP UP HVFTUT
(g) cleaning kitchens and generally helping with guests' needs,
LJUDIFO XPSL JODMVEJOH EJTIXBTIJOH
(h) restocking mini-bars and replenishing items for sale,
TVDI BT ESJOLJOH HMBTTFT
ment.

Examples of the occupations classi ed here:
Housekeeper (hotel)
.BUSPO IPVTFLFFQJOH

Some related occupations classi ed elsewhere:
)PUFM NBOBHFS o
#FE BOE CSFBLGBTU PQFSBUPS o
%PNFTUJD IPVTFLFFQFS o
#VJMEJOH DBSFUBLFS o
%PNFTUJD DMFBOFS o

Unit Group 5152

Domestic Housekeepers

%PNFTUJD IPVTFLFFQFST PSHBOJTF BOE DBSSZ PVU IPVTFLFFQJOH HPVETholds and small accommodation establishments
XJUI PS XJUIPVU UIF TVQQPSU PG
5BTLT JODMVEF o
B TVQFSWJTJOH XPSLFST FNQMPZFE BT EPNFTUJD TUB
(b) purchasing or controlling the purchase of supplies,
TVQQMJFT
D DPOUSPMMJOH TUPSBHF BOE EJTQPTBM PG HPPET
(d) assisting in cases of minor injury or illness by performing tasks such as taking temperature,
HJWJOH NFEJDJOF BOE QVUUJOH TJNQMF ESFTTJOHT
F TXFFQJOH WBDVVN DMFBOJOH XBTIJOH BOE QPMJTIJOH nPPST GVSOJUVSF XJOEPXT BOE TJNJMBS TVSGBDFT
(f) making beds, cleaning bathrooms and supplying guests with toiletries,
QMZJOH UPXFMT TPBQ BOE TIBNQPP UP HVFTUT
(g) taking care of household pets and plants, refreshing
DFJWJOH WJTJUPST BOT-XFSJOH NFTTBHFT BOE TIPQQJOH
(h) preparing and cooking meals, setting and clearing tables and serving meals,
DMFBSJOH UBCMFT BOE -TFSWJOH HPPET
BHFT
(i) cleaning kitchens and generally helping with kitchen work, including dishwashing.

Examples of the occupations classi ed here:
Bed and breakfast operator

Some related occupations classi ed elsewhere:
)PUFM NBOBHFS o
Housekeeping Supervisor o
Laundry Worker o

Note
Operators of small accommodation establishments, such as some bed and breakfast establishments and small
HVFTU IPVTFT UIBU QSPWJEF BDDPNNPEBUJPO NFBM TFSWJDFT UP DMJFOUT F FDUJWFM QSJWBUF IPVTFIPMET BOE GPS XIPN UIF NBOB TVQFSWJTJPO PG TUB JT OPU B TJHOJmDBOU UIF XPSL BSF DMBTTJmFE JO 6OJU (SPVQ Housekeepers.

Unit Group 5153

Building Caretakers

Building caretakers take care of apartment houses, hotels, o ces, churches and other buildings and maintain them and associated grounds
JO B DMFBO BOE PSEFSMZ DPOE TVQFSWJTF PUIFS XPSLFSTT BOE DPOU
depending on the size and nature of the building concerned
5BTLT JODMVEF o
BG TVQFSWJTJOH XPSLFST FNQMPZFE BT DMFBOJOH BOE CVJMEJOH NBJOUFOBODF PG CVJMEJOH JOUFSJPST
(b) participating in cleaning, simple repairs and NBJOUFOBODF PG CVJMEJOH JOUFSJPST
D UFOEJOH GVSOBDFT BOE CPJMFST
E SFHVMBUJOH DPOEVDU PG UFOBOUT such matters as noise abatement or misuse of
(f) SFMBUJOH XJUI UFOBOUT BOE PXOFST PG CVJMEJOH
(g) patrolling buildings to ensure security is maintained
I mMMJOH PVU SFHJTUSBUJPO GPSNT

Examples of the occupations classi ed here:
Caretaker
Concierge (building)
Janitor
4FYUPO

Minor Group 516
Other Personal Services Workers

0UIFS QFSTPOBM TFSWJDFT XPSLFST [illegible]
WJEF DPNQBOJPOTIJQ BOE PUIFS QE[illegible]
FNCBMNJOH BOE GVOFSBM TFSWJDFTT BOE USBJO QFPQMF UP ES

5BTLT QFSGPSNFE [illegible]
WJDFTT BOE PUIFS QFSTPOBM TFSWJDFTT [illegible]
IBOEMJOH USBJOJOH BOE HSPPNJOH [illegible]

0DDVQBUJPOT JO UIJT NJOPS HSPVQ [illegible]

5161 Astrologers, Fortune-tellers and Related Workers
5162 Companions and Valets
5163 Undertakers and Embalmers
5164 Pet Groomers and Animal Care Workers
5165 Driving Instructors
5169 Personal Services Workers Not Elsewhere Classified

Unit Group 5161
Astrologers, Fortune-tellers and Related Workers

"TUSPMPHFST GPSUVOF UFMMFST [illegible]
SFDPVOU QBTU BOE QS-FEJDU GVUVSF FWFOUT BOE DPOEJUJPOT
of characteristics of the clients palms, samples
PG QMBZJOH DBSET ESBXO QS
5BTLT JODMVEF o
B DBTUJOH IPSPTDPQFT
or later to recount past and forecast future
FWFOUT BOE DPOEJUJPOT
(b) interpreting characteristics of clients palms,
samples of playing cards, position of tea
MFBWFT PS DP FF SFNOBOUT
BOE QBUUFSOT PG CPOFT PG EFBE BOJNBMT FUD
D GPSFDBTUJOH GVUVSF FWFOUT
JOUFSQSFUBUJPOT
E EFUFSNJOJOH BVTQJDJPVT
IVNBO BDUJWJUJFT TVDI-BT JOVS
riages, journeys and religious and other cer-
FNPOJFT
F HJWJOH XBSOJOHT BOE
DPVSTFT PG BDUJPO
G BEWJTJOH JOEJWJEVBMT P
UBLFO UP BWPJE FWJM JOnVFODFT

Examples of the occupations classi ed here:
"TUSPMPHFS
Fortune-teller
Numerologist
Palmist

Some related occupations classi ed elsewhere:
8JUDI EPDUPS o
'BJUI IFBMFS o

Unit Group 5162
Companions and Valets

[illegible]
CZ BDDPNQBOZJOH IJN IFS UP WBSJ
UJWJUJFT TVDI BT TQPSUT
QMPZFS T IPNF
D LFFQJOH XBSESPCF BOE QFSTPOBM
BOE QBUUFSOT PG CPOFT PG EFBE BOJNBMT FUD
D GPSFDBTUJOH GVUVSF FWFOUT
JOUFSQSFUBUJPOT
E EFUFSNJOJOH BVTQJDJPVT
IVNBO BDUJWJUJFT TVDI BT
riages, journeys and religious and other cer-
FNPOJFT
F HJWJOH XBSOJOHT BOE
DPVSTFT PG BDUJPO
G BEWJTJOH JOEJWJEVBMT P
UBLFO UP BWPJE FWJM JOnVFODFT

Examples of the occupations classi ed here:
Companion
Personal maid
Valet

Some related occupations classi ed elsewhere:
%BODJOH QBSUOFS o

Unit Group 5163
Undertakers and Embalmers

Undertakers and embalmers arrange funerals
BOE QFSGPSN WBSJPVT UBTLT JO UIF
human remains.
5BTLT JODMVEF o
(a) making arrangements for and conducting fu-
OFSBMT DSFNBUJPOT BOE CVSJBMT

(b) embalming human remains to retard or BSSFTU UIF QSPDFTT PG EFDBZ
(c) conforming to health and sanitation and en- TVSJOH UIBU MFHBM SFRVJSFNFOUT BSF NFU
E JODJTJOH BOE DMPTJOH JODJTJPOT PG the body and reshaping or reconstructing dis gured or maimed human remains when OFDFTTBSZ
(e) dressing human bodies and placing them in DBTLFUT
G DPOEVDUJOH JOUFSWJFXT XJUI BOE PCUBJOF GPS QSFQ aration of obituary notices, to assist with the selection of caskets or urns, and to determine the location and time of burials or cremations.

Examples of the occupations classi ed here:
Embalmer
Undertaker

Unit Group 5164

Pet Groomers and Animal Care Workers

Pet groomers and animal care workers feed, handle, USBJO BOE HSPPN BOJNBMT BOEUBFTDJTUJWFTTJTSFE GPS F animal health technologists and technicians in WFUFSJOBSZ GBDJMJUJFT BOJNBMWITFUSJTHCEEFOQMBJOJOH and boarding kennels, zoos, laboratories, retail pet shops, riding schools, dog training schools and pet grooming and similar establishments.
5BTLT JODMVEF o
B CBUIJOH BOE GFFEJOH BOJNBMT
(b) leading or carrying animals to treatment SPPNT BOE IPMEJOH UIFN EVSJOH USFBUNFOU
D DMFBOJOH BOE TUFSJMJ[JOH DBHFT CFBLFST BOE PUIFS FRVJQ JOTUSVNFOUT
(d) labelling drugs, chemicals and other pharmaceutical preparations and replenishing TUPDL
F TUFSJMJ[JOH CPUUMFT CFBLFST BOE PUIFS FRVJQ NFOU
(f) cleaning, organizing and disinfecting animal RVBSUFSST TVDI BT QFOT DBHFT BOE ZBSET BOE BOJNBM FRVJQNFOU TVDI BT TBEEMFT
(g) collecting and recording animal information such as weight, size, physical condition, USFBUNFOUT SFDFJWFE GPPE JOUBLF
I USBJOJOH BOJNBMT UP FGGFDU TJSFE CFIBWJPVST GPS -DPNNPO TJUUJOH DBTFT TUSBUFHJD JOWPMVOUBSZ ment, obedience, security, riding and other BDUJWJUJFT
(i) grooming animals by performing tasks such as washing, brushing, clipping and trimming coats, cutting nails and cleaning ears.

Examples of the occupations classi ed here:
%PH USBJOFS
Horse breaker
Veterinary aide
Zookeeper

Unit Group 5165

Driving Instructors

%SJWJOH JOTUSVDUPST UFBDI QFQQMF
NPUPS WFIJDMFT
5BTLT JODMVEF o
B JOTUSVDUJOH TUVEFOUT VOEFS B DPOEJUJPOT BOE FYQMBJOJOH BO strating the operation of brakes, clutch, gear selection, automatic transmission, signals BOE MJHIUT
C UFBDIJOH SPBE USB D SFHVMBUJPOT
D UFBDIJOH SPBE DSBGU BOE SPBE TB
E BEWJTJOH TUVEFOUT XIFO UIFZ BSF EFSHP ESJWJOH FYBNJOBUJPO
F BEWJTJOH PO BOE UFBDIJOH BEWBO BUJPOT
G JNQBSUJOH UIFPSFUJDBM BOE QSBDUJDBM LOPXMFEHF SFRVJSFE GPS NPUPS WFIJDMF JOTUSVDUJPO
H DPOEVDUJOH UFTUT BOE FYBNJOBUJPOT GPS MJDFOTJOH QVSQPTFT

Examples of the occupations classi ed here:
%SJWJOH JOTUSVDUPS
Some related occupations classified elsewhere:
'MZJOH JOTUSVDUPS o

Unit Group 5169

Personal Services Workers Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST QFSTPOBM TF OPU DMBTTJmFE FMTFXIFSF JO 4VC NBK 1FSTPOBM 4FSWJDFT 8PSLFST 'PS J XIP QSPWJEF TFSWJDFT OPU DMBTTJmFE FMTFXIFSF dancing partners, social escorts and night-club hostesses and hosts are classified here.
(a) accompanying clients to restaurants and PUIFS PVUJOHT
C BDUJOH BT B EBODJOH QBSUOFS
(c) welcoming clients to a night-club and ensuring that they are entertained well.

Examples of the occupations classi ed here:
- Club host
- Club hostess
- %BODJOH QBSUOFS
- Social escort

Some related occupations classi ed elsewhere:
- $PNQBOJPO o

Note
$PVOUSJFT UIBU IBWF B SFRVJSFNFOU UP DPN
PO UIPTF XIP QSPWJEF TFYVBM TFSWJDFT UP DM
NFSDJBM CBTJT TIPVME JODMVEF UIFN JO 6OJ
1FSTPOBM 4FSWJDFT 8PSLFST /PU &MTFXIFSF S
UIFSF JT B OFFE JO OBUJPOBM BEBQUBUJ
identify this group separately from other occupations in-
DMVEFE JO 6OJU (SPVQ VTF PG 6OJU (SPVQ
is recommended for this purpose.

Sub-ma~or Group 52

Sales Workers

Sales workers sell and demonstrate goods in wholesale or retail shops, at stalls and markets,

5BTLT QFSGPSNFE CZ XPSLFST JO UVIEFF TTVFCM MBKOPHSHHPSPEVTQJOTXVBPM
TBMF PS SFUBJM FTUBCMJTINFOUT UBUEPFUS FWUJBPSUFNBSQFRUOFUBSMMV
UPNFS DPOUBDU DFOUSFT EFNPOTUSUFUOUJOHBMBODEVTEUJPNSMSZJOFHMHMPJPOEH
TFSWJOH GPPE GPS JNNFEJBUF DPOUTVFNFQUUJCPVOZJBOUHDPPSVODUPOSUTBBDU
B SFHVMBS TVQQMZ PG QSPEVDUT UHP HCPFPTEPMGEPSTUBBMEJBOHEBXOSEBEQJQTJC
PS QBDLJOH HPPET TPME EFUFSNJOMJFOWHFMQTSPGEPVSDHUPNEY UPUCPFDTPE
PQFSBUJOH DBTI SFHJTUFST PQUJDPBUMFQSFJRDVFJQTNBOOFUSPTSDDPNSQEVBFC
BDDFQU QBZNFOU GPS UIF QVSDIBTJPPDGPHPPUETBOXEPSTLFFSSVTJNBZC4
SFRVJSFE JO TPNF PDDVQBUJPOT DMBTTJmED IFSF

0DDVQBUJPOT JO UIJT TVC NBKPS HBSVQHBNJFODPMBHTFVQE JOUP UIF

521 Street and Market Salespersons

522 Shop Salespersons

523 Cashiers and Ticket Clerks

524 Other Sales Workers

Note

4IPQ NBOBHFST BOE TBMFT NBOBHFST BSBFOBMBSTTJmFEIOJDBMPSNFSPVQM BOE
JOGPSNBUJPO BOE DPNNVOJDBUJPOT SUFDINPTMJHmZEBJMOFTBQSPGSFTVQOBMSTCFT
TJPOBMT $PNNFSDJBM TBMFT BOE JOBTOVSBOEUFSQSEFTCSPUBSUJWFBTFBDMEmTJmFE
.BKPS (SPVQ 5FDIOJDJBOT BOE "TTPDJBUFQSTIPGEMTVJPOBMGPQEUSBSUF DMBTTJm
JO .BKPS (SPVQ &MFNFOUBSZ 0DDVQBUJPOT

Minor Group 521

Street and Market Salespersons

Street and market salespersons sell goods from stalls on markets or in streets and prepare and
TFMM IPU PS DPME GPPE BOE CFWFSBHFPSFJBOEZTUGSPSFJUNTNBEOJEBUQFVD
places.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFB PTCUJBBOJEOJBOUHBQESSNSJUTJTDJVPMOBUSPQT
JO TUSFFUT NBSLFUT PS PUIFS PQOLFTOPTOQUBIDFTTUSSSF UPCTVFZMMOMH GF
DPOUSBDUJOH B SFHVMBS TVQQMZ OPEGEQUSNBVOBVDUMTOUHPTOUFBTMMMTEBOFSFTDU
USBOTQPSUJOH TUPSJOH MPBEJOH BOEDVLOMHBEJOEQMQBSZPJEOVHDBUOEGPSMT
HPPET GPPE BOE ESJOLT BOE BDDFQUJOOHHQBZNFTOPUMEXSQBSQQBOSHJOBHO
GPPE BOE ESJOLT GPS TBMF QVTIJOSHUQFEUBSWMDLTH EPS BDZBTSPZSJOCHT
to bring food and drinks to the desired place in the street, or to public places such as stations
PS DJOFNBT LFFQJOH BDDPVOUT BMOEWNFBMJTOUBJOJOH B SFDPSE

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSVEJDMBSTFVQE JOUP UIF GPM

5211 Stall and Market Salespersons

5212 Street Food Salespersons

Note

Vendors in streets and public places of non-food items (or of pre-packaged non-perishable food items
TVDI BT DPOGDUJPOFSZ GSPN QVTBSFSDMBUSVmEE JOSBZOTPS(SPBVQLFUT 4USFFU
7FOEPST FYDMVEJOH 'PE

Unit Group 5211

Stall and Market Salespersons

4UBMM BOE NBSLFU TBMFTQFSTPOT TFMM WBSJFUJFT HPPET GSPN TUBMMT JO PQFO BJS PS DPWFSFE NBSLFUT PS from stalls in streets or other open spaces.

5BTLT JODMVEF o

(a) obtaining permission to set up a stand at a particular place in streets, markets or other PQFO TQBDFT

C EFUFSNJOJOH QSPEVDU MFWFMT GPS HPPET UP CF TPME

(c) buying or contracting a regular supply of goods to be sold from wholesale suppliers or EJSFDUMZ GSPN QSPEVDFST

(d) erecting and dismantling stalls and stands, and transporting, storing, loading and un- MPBEJOH HPPET GPS TBMF

(e) demonstrating and selling goods and ac- DFQUJOH QBZNFOU

(f) stacking and displaying goods for sale, and XSBQQJOH BOE QBDLJOH HPPET GPS TBMF

(g) keeping accounts and maintaining a record PG TUPDL MFWFMT

Examples of the occupations classi ed here:

Kiosk salesperson
.BSLFU TUBMMIPMEFS
.BSLFU WFOEPS
Street stall sales assistant

Some related occupations classi ed elsewhere:

4USFFU GPPE WFOEPS o
4IPQLFFQFS o
4IPQ TBMFT BTTJTUBOU o
'PPE TFSWJDF DPVOUFS BUUFOEBOU o
4USFFU WFOEPS FYDMVEJOH GPPE o

Notes

Vendors from street and market stalls of fresh food products not intended for immediate consumption (such as GSVJU WFHFUBCMFT NFBU BOE EBJSZ QSPEVDUT BSF DMBTTJmFE JO 6OJU (SPVQ 4UBMM BOE -BSLFU 4BMFTQFSTPOT 7FOEPST GPST GSPN TUSFFU BOE NBSLF-U TUBMMT PG B WBSJFUZ PG QSFpared meals and food items for immediate consumption BSF DMBTTJmFE JO 6OJU (SPVQ "UUFOEBOUT 7FOEPST JO TUSFFUT BOE GPPE BOE CFWFSBHFT GPS JNNFEJBUF DPOTVNQUJPO TVDI BT IBNCVSHFS DPPLT DPOUBDU XJUI DMJFOUT BSF DMBTTJmFE JO 6OJU (SPVQ 4USFFU 7FOEPST FYDMVEJOH 'PPE 4FSWJDF 4BMFTQFSTPOT 7FOEPST XIP QSFQBSF TJNQMF GPPE JUFNT GPS JNNFEJBUF DPOTVNQUJPO TVDI BT IBNCVSHFST DPPLFE DIJDLFO BOE GSJFE QPUBUPFT BU UIF QPJOU PG TFSWJDF BSF DMBTTJmFE JO 6OJU (SPVQ 4USFFU 'PPE 4FSWJDF 4VQFSWJTPST

Fast Food Preparers.

If adapting these categories to national circumstances QMFBTF OPUF UIBU UIF BJN PG TFQBSBUJOH TUBMM BOE NBSLFU TBMFTQFSTPOT GSPN TUSFFU GPPE TBMFTQFSTPOT JT UP FOTVSF UIBU KPCT UIBU SFRVJSF TLJMMT JO TFSWJDF BOE IZHJFOJD IBOEMJOH PG GPPE BSF WJTJCMZ TFSWF B XJEFS SBOHF PG DVTUPNFST BU UIF QPJOU PG TBMF elaborate products and meals than street food salespersons and do not generally transport food using, or sell GPPE GSPN FRVJQNFOU TVDI BT IBOEDBSUT PS baskets.

Unit Group 5212

Street Food Salespersons

Street food salespersons prepare and sell, or sell QSFQBSFE IPU PS DPME GPPET GPS JNNFEJBUF DPOTVNQUJPO JO TUSFFUT and public places such as stations, cinemas or theatres.

5BTLT JODMVEF o

(a) obtaining permission or a licence, where re- RVJSFE UP TFMM GPPE BOE ESJOLT PO TUBUJPO QMBDFT

C PCUBJOJOH GPPE BOE ESJOLT GPS TBMF

(c) preparing, either beforehand or on the spot, GPPE BOE ESJOLT GPS TBMF

(d) loading and unloading, pushing, pedalling or carrying handcarts, trucks, trays or baskets to bring food and drinks to the desired place in the street, or to public places such as sta- UJPOT PS DJOFNBT

(e) displaying and selling food and drinks and accepting payment.

Examples of the occupations classi ed here:

Hawker (food)
4USFFU GPPE WFOEPS

Some related occupations classi ed elsewhere:

$PPL o
'PPE TFSWJDF DPVOUFS BUUFOEBOU o
'BTU GPPE QSFQBSFS o
4USFFU WFOEPS FYDMVEJOH GPPE

Notes

Vendors from street and market stalls of fresh food products not intended for immediate consumption (such as GSVJU WFHFUBCMFT NFBU BOE EBJSZ QSPEVDUT BSF DMBTTJmFE JO 6OJU (SPVQ 4UBMM BOE -BSLFU 4BMFTQFSTPOT 7FOEPST GPST GSPN TUSFFU BOE NBSLF-U TUBMMT PG B WBSJFUZ PG QSFpared meals and food items for immediate consumption BSF DMBTTJmFE JO 6OJU (SPVQ 'PPE 4FSWJDF "UUFOEBOUT 7FOEPST JO TUSFFUT BOE QVCMJD QMBDFT PG non-food items (or of pre-packaged non-perishable food items such as confectionery) from pushcarts, trucks, trays or baskets are classi ed in Unit (SPVQ QBWF .VOJDJQBM 4BMFTQFSTPOT 7FOEPST BOE 4USFFU 'PPE 4FSWJDF 4VQFSWJTPST

who prepare simple food items for immediate consumption and may handle money and receive orders. Fast Food Preparers.

If adapting these categories to national circumstances of food items for immediate consumption is to ensure or baskets.

Minor Group 522

Shop Salespersons

and cashiers.

sales assistants, checkout operators and other workers in supermarkets and department stores.

5221 Shopkeepers

5222 Shop Supervisors

5223 Shop Sales Assistants

Unit Group 5221

Shopkeepers

Shopkeepers operate small retail shops either independently or with support from a small number of others.

(b) purchasing and ordering goods for sale from

(c) budgeting and maintaining records of stock

(d) determining prices and displaying goods for

Examples of the occupations classi ed here:

Newsagent

Shopkeeper

Some related occupations classi ed elsewhere:

Note

Only operators of small shops for whom the management

Operators of shops where management tasks and super-

and other workers who do not take responsibility

Unit Group 5222

Shop Supervisors

erators and other workers in retail and whole-sale shops such as supermarkets and department stores.

5BTLT JODMVEF o
(a) planning and preparing work schedules and BTTJHOJOH TUBU UP TQFDJmD EVUJFT
(b) instructing staff on sales procedures, including how to handle cash DMVEJOH IPX UP IBOEMF EJTDSVWU DPFSTDEJNSQMFVMZ UP UIF QVCM DBTFT
D FOTVSJOH UIBU DVTUPNUFS TGVSFDUJWFT QBSFNRVBMFS TJFS PG UIF WJDF
E QBSUJDJQBUJOH JO BBOTETQSWJEJoOH BEWJDF UP NBOBHFST PO JOUFSWJFXJOH EIFJSFNJOJOHBHODJOTHUP-NFS SFRVJS FWBMVBUJOH QSPNPUJOH BOWEJEJOTJHTOJQSHEVBU SBOHF QSJDF E BOE SFTPMWJOH TUB HSJFWBSBODFTJFT BOE QSPEVDU VTF BOE DBSF
F FYBNJOJOH SFUVSOFE HPPDETEBNDOETUDSJEUJOHPBOE FYQMBJOJOH BQQSPQSJBUF BDUJPO
G UBLJOH JOWFOUPSZ PG HPPMTJGOHS HTBMEFT BOOEE PTSF SWJDF EFSJOH OFX TUPDL
H FOTVSJOH UIBU HP-PETQBOJEOHFTSBWJFDFJTOWBSJFDFDTPBOE SFDF SFDUMZ QSJDFE BOE EJTQMBZVFJOH DBTI SFHJTUFST
(h) ensuring that safety procedures are enforced.

Examples of the occupations classi ed here:
$IFDLPVU TVQFSWJTPS
4VQFSNBSLFU TVQFSWJTPS

Some related occupations classi ed elsewhere:
4IPQ NBOBHFS o
4USFFU TUBMM TBMFTQFSTPO
4IPQLFFQFS o

Note
Operators of small shops for whom the management and TVQFSWJTJPO PG TUB BSF OPU B TJHOJmDBOU QBSU PG UIF XPSL BSF DMBTTJmFE JO 6OJU (SPVQ 4IPQ NBOBHFST XIP JO BEEJUJPO UP TVQFSWJTJPO PG TUB perform management tasks such as determining product NJY PWFSBMM TFUUJOH PG QSJDFT CVEHFUJOH BOE NBLJOH EFDJTJPOT PO TUB MFWFMT TFMFDUJPO BOE SFDSVJUNFOU BSE DMBTTJmFE JO 6OJU (SPVQ 3FUBJM BOE 4IPQ .BOBHFST

Unit Group 5223
Shop Sales Assistants

Shop sales assistants sell a range of goods and SFUBJM BOE XIPMFTBMF FTUBCMJTINFOU
SFQBSJOH QVSDIBTFST PG UIF TFSWJDFT
(d) assisting with the ongoing management of TUPDL TVDI BT QSPEVDU- JOWFOUPSJF UJDJQBUJOH JO TUPDL UBLFT
(e) stacking and displaying goods for sale, and wrapping and packing goods sold.

Examples of the occupations classi ed here:
Salesperson (retail establishment)
Salesperson (wholesale establishment)
Shop assistant

Some related occupations classi ed elsewhere:
4IPQ NBOBHFS o
4IPQLFFQFS o
4USFFU TUBMM TBMFTQFSTPO o
4USFFU GPPE WFOEPS o
4IPQLFFQFS o
'PPE TFSWJDF DPVOUFS BUUFOEBO

Minor Group 523
Cashiers and Ticket Clerks

Cashiers and ticket clerks operate cash registers, optical price scanners, computers or other F SVJQNFOU UP SFDPSE BOE BDDFQUQBZNFOUT GPS UIF FOUSJFT QVSDIBTFT in settings such as stores, restaurants and ticket o ces.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFU SCFDFJWJOHDBTIFS WPJEJOH DBSE PS BVUPNBUJD EFCJU JO TUPSFMTJUNFDUIPEWJOPHS DTIBNOJHMFBS JTTVJOH SFDFJQUT JTTVJOH UJDLFTS TFTBUP OEEOFUQBZNFOUT BOE DUPBMOJO SFDFJWJOH JODPNJOH DBTI DIFDLJOSHEJUDBSNBOUT GPS EFQPTJU BU B CBOL PQFSBUJOBMT DBTIJFSHQJBTJEFSTS TRUNP PDSBMD TDBOOJOH XFJHIJOH BOE SFDPSEJOHQMQEDDFH NGSHDPBEJTXSBQQJOHT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JOUP UIF GPM

5230 Cashiers and Ticket Clerks

Unit Group 5230

Cashiers and Ticket Clerks

Cashiers and ticket clerks operate cash registers, optical price scanners, computers or other FRVJQNFOU UP SFDPSE BOE BDDFQU QBZNFOU GPS UIF QVSDIBTF PG HPPET TFSWJDFT PG FTUBCMJTINFOUT tings such as stores, restaurants and ticket o ces.

5BTLT JODMVEF o

B SFDFJWJOH BOE WFSJGZJOH DPSSFDUOFTT PG QBZNFOUT GPS HPPET PS TFSWJDFT

DIFRVF DSFEJU DBSE PSStore cashier

TUPSFT UJDLFU P DFT PS TJNJMBS MFHJUJNBUJOH OFDFTTBSJMZ FOUFSUBJ

C HJWJOH DIBOHF BOE JTTVJOHTQPDSFUJQUHT FWFOUT

(c) issuing tickets for attendance at sporting and DVMUVSBM FWFOUT

E DPVOUJOH BOE SFDPSEJOG DSI DLPU TVFDDFTTLP SUSBWFM paid out and balancing against cash register TBMFT SFDPSET

F SFDFJWJOH JODPNJOH DBTI 4DFSVDJDJFOHTUBUBPHBJBOUTUFOEBOU sales slips and other documents, and preparing it for deposit at a nancial institution

(f) operating cash registers to calculate totals to CF QBJE GSPN PS UP DMJFOUT

(g) scanning, weighing and recording prices of HPPET

(h) wrapping and placing merchandise in bags.

Examples of the occupations classi ed in this

Checkout operator

4FSWJDF TUBUJPO DBTIJFS

Store cashier

Some related occupations classi ed elsewhere:

$IFDLPVU TVQFSWJTPS o

4IPQ TBMFT BTTJTUBOU o

Minor Group 524

Other Sales Workers

0UIFS TBMFT XPSLFST EJTQMBZ EFNPOTUSBUJOH PS TBMFT TLJMMT OPU FMTFXIFSF DMBTTJmFE JOLUDIOH4PBMFTQFSTPOT 4US#IPQ B 4BMFTQFSTPOT BOE $BTIJFST BOE 5JDLFU $MFSLT

5BTLT QFSGPSNFE NBZ JODMVEF EJTQMBZJOH BOE QFSTVBEJOH QPUFOUJBM DVTUPNFSTT PG UIF GPMMPXJOH RVFTUJPOT BOE P FSJOH BEWJDF PO UIF QSPQFSUJFT PG HPPET TBOHFNFOUT GPS QBZNFOU EFMJWFSZ PS UBLJOH BOE TFUUJOH VQ EJTQMBZT PG HPPET BOE TFSWJDFT BOE TPMJDJUJOH CVTJOFTT PQQPSUVOJUJFT EPPS UP EPPS PS VTJOH UIF UFMFQIPOF PS PUIFS BVUPNBUFE TZTUFNT MJOH DMFBOJOH MVCSJDBUJOH BOE PUIFS SQWFGJPSNFTH NJOPS SFQBJST

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF JDJMFBSFE JOUP UIF GPM

5241 Fashion and Other Models

5242 Sales Demonstrators

5243 Door-to-door Salespersons

5244 Contact Centre Salespersons

5245 Service Station Attendants

5246 Food Service Counter Attendants

5249 Sales Workers Not Elsewhere Classified

Note

4BMFT NBOBHFST BSF DMBTTJmFE JO OJHOPSE(SPVQ .BOBHFST JO 5FDI OJDBM NFEJDBM BOE *$5 TBMFT 1VCMJD 3FMBUJPOT 1SPGFTTJPOBMT TFSWJDFT BOE 1VSDIBTJOH "HFOUT BOE #SPLFST (SPVQ 4BMFT BOE 1VSDIBTJOH "HFOUT BOE #SPLFST

Unit Group 5241

Fashion and Other Models

Fashion and other models wear and display clothing and accessories and pose for photographer or for artistic creation.

5BTLT JODMVEF o

(a) dressing in sample apparel of new or current
(b) walking, turning and posing to demonstrate,
(c) posing as subject for sculpture, painting and
(d) posing for still photography for magazines
(e) posing for live performances, for commercials and other productions.

Examples of the occupations classi ed here:

"EWFSUJTJOH NPEFM
"SUJTU T NPEFM
Fashion model

Some related occupations classi ed elsewhere:

"DUPS o

Unit Group 5242

Sales Demonstrators

Sales demonstrators demonstrate goods at commercial establishments to inform and encourage
5BTLT JODMVEF o

(a) setting up displays and demonstrating articles for sale to inform customers about their characteristics and mode of use, as well as to
(c) selling goods or directing customers to sales
(d) taking orders and making arrangements for

Examples of the occupations classi ed here:

%FNPOTUSBUPS
Sales merchandiser

Some related occupations classi ed elsewhere:

4USFFU TUBMM TBMFTQFSTPO o

Unit Group 5243

Door-to-door Salespersons

%PPS UP EPPS TBMFTQFS-TPOT EFTDS
Business to establishments by approaching or
5BTLT JODMVEF o
(b) demonstrating or describing goods or ser-
(c) recording orders and transactions and
(e) distributing leaflets, information sheets and
transporting samples or goods for sale.

Examples of the occupations classi ed here:

%PPS UP EPPS TBMFTQFSTPO
Party plan salesperson

Some related occupations classi ed elsewhere:

4USFFU WFOEPS o

Unit Group 5244

Contact Centre Salespersons

Other establishments by approaching or
5BTLT JODMVEF o
(a) receiving telephone calls, e-mail, following scripts and
seeking a sale or an agreement to see sales
(c) arranging processing and dispatch of goods
(d) arranging appointments for sales represen-

(e) recording notes for follow-up action and up-
EBUJOH NBSLFUJOH EBUBCBTF UP SFnFDU DIBOHFT
UP UIF TUBUVT PG FBDI DVTUPNFS
G SFQPSUJOH DPNQFUJUPS BDUJWJUJFT BOE JTTVFT
SBJTFE CZ DPOUBDUT GPS BUUFOUJPO CZ NBOBHFST
(g) maintaining statistics of calls made and suc-
DFTTFT BDIJFWFE
(h) submitting periodic reports on telemarketing
BDUJWJUJFT BOE SFTVMUT

Examples of the occupations classi ed here:
Call centre salesperson
Customer contact centre salesperson
Internet salesperson
5FMFNBSLFUFS
5FMFNBSLFUJOH TBMFTQFSTPO

Some related occupations classi ed elsewhere:
$PNNFSDJBM USBWFMMFS JO TBMFT BOE NBSLFUJOH
$PNQVUFS TBMFT TVQQPSU UFDIOJDJBO
4BMFT BTTPDJBUF JO USBEJOH
4BMFT TVQFSWJTPS JO SFUBJM USBEF
4BMFT TVQFSWJTPS JO XIPMFTBMF USBEF
4BMFTQFSTPO JO TQFDJBMJTFE TUPSF

Unit Group 5245
Service Station Attendants

4FSWJDF TUBUJPO BUUFOEBOUT TFMM GVFM NPUPS WFIJDMF
BOE PUIFS BVUPNPUJWF QSPEVDUT BOE QSPWJEF TFS
WJDFT TVDI BT GVFMMJOH DMFBOJOH BOE
QFSGPSNJOH NJOPS SFQBJST UP NPUPS WFIJDMFT
5BTLT JODMVEF o
B mMMJOH GVFM UBOLT BOE DPOUBJOFST UP MFWFM TQFD
JmFE CZ DVTUPNFS
C DIFDLJOH BOE SFQMFOJTIJOH BJS QSFTTVSF JO WF
IJDMF UZSFT PJM BOE PUIFS WFIJDMF nVJE MFWFMT
D XBTIJOH WFIJDMF XJOETDSFFOT BOE XJOEPXT
E QFSGPSNJOH NJOPS SFQBJST UP NPUPS WFIJDMFT
such as replacing tyres, light bulbs and wind-
TDSFFO XJQFS CMBEFT
(e) maintaining and operating automatic car
XBTI GBDJMJUJFT
(f) collecting payments from customers for pur-
DIBTFT
(g) cleaning petrol pumps and surrounding
ESJWFXBZT TIPQT BOE GBDJMJUJFT
(h) undertaking stock control and preparing re-
ports on fuel, oil, accessories and other items
sold.

Examples of the occupations classi ed here:
.BSJOB BUUFOEBOU
4FSWJDF TUBUJPO BUUFOEBOU

Some related occupations classi ed elsewhere:
4IPQ TBMFT BTTJTUBOU o
4FSWJDF TUBUJPO DBTIJFS o
'PPE TFSWJDF DPVOUFS BUUFOEBOU

Note
Workers who accept payment or sell goods in shops at
TFSWJDF TUBUJPOT CVU EP OPU QSJNBSJMZ DPOUSPM PS
such as assistance with fuel, lubricants, cleaning and
NBJOUFOBODF BSF FYDMVEFE GSPN 6OJU (SPVQ
WJDF 4UBUJPO "UUFOEBOU

Unit Group 5246
Food Service Counter Attendants

'PPE TFSWJDF DPVOUFS BUUFOEBOUT TF
at food counters and nish preparation of simple
food items in restaurants, cafØs, hotels, fast food
outlets, cafeterias, hospitals and other settings.
5BTLT JODMVEF o
B TFSWJOH GPPE UP DVTUPNFST BU DI
(b) ascertaining the products desired by cus-
tomers, assisting them in making choices and
UBLJOH PSEFST
(c) cleaning, peeling, slicing and trimming food-
TUVT VTJOH NBOVBM BOE FMFDUSJD
(d) preparing simple food items and reheating
QSFQBSFE NFBMT
(e) portioning and wrapping food or placing it
EJSFDUMZ PO QMBUFT GPS TFSWJDF
G QBDLBHJOH UBLFBXBZ GPPE
H TUPDLJOH SFGSJHFSBUPST BOE TBM
GPST BOE LFFQJOH SFDPSET PG UIF
GPPE VTFE
I SFDFJWJOH QBZNFOU GPS GPPE JUFN

Examples of the occupations classi ed here:
Cafeteria counter attendant
Salad bar attendant

Some related occupations classi ed elsewhere:
$PPL o
8BJUFS o
#BSUFOEFS o
,JPTL TBMFTQFSTPO o
.BSLFU TBMFTQFSTPO o
4USFFU TUBMM TBMFTQFSTPO o
'BTU GPPE QSFQBSFS o

Notes
Vendors from street and market stalls of fresh food prod-
ucts not intended for immediate consumption (such as
GSVJU WFHFUBCMFT NFBU BOE EBJSZ QSPEVDUT
6OJU (SPVQ 4UBMM BOE .BSLFU 4BMFTQFSTP
GSPN TUSFFU BOE NBSLFU TUBMMT PG B WBSJFU
and food items for immediate consumption are classi ed
JO 6OJU (SPVQ 'PPE 4FSWJDF $PVOUFS
7FOEPST JO TUSFFUT BOE QVCMJD QMBDFT PG GP
for immediate consumption from pushcarts, trucks, trays
PS CBTLFUT BSF DMBTTJmFE JO 6OJU (SPVQ
Salespersons. Vendors in streets and public places of non-
food items (or of pre-packaged non-perishable food items
such as confectionery) from pushcarts, trucks, trays or
CBTLFUT BSF DMBTTJmFE JO 6OJU (SPVQ 4U
FYDMVEJOH 'PPE 8PSLFST XIP QSFQBSF TJNQM
for immediate consumption, such as hamburger cooks,

CVU IBWF MJNJUFE EJSFDU DPOUBDU XJUI DVTUPNFST BSF DMBTTJmFE JO 6OJU (SPVQ 'BTU 'PPE 1SFQBSFST.

If adapting these categories to national circumstances QMFBTF OPUF UIBU UIF BJN PG TFQBSBUFMZ JEFOUJGZJOH WEOEPST of food items for immediate consumption is to ensure UIBU KPCT UIBU SFRVJSF TLJMMT JO TFSWJDF CBTJD QSFQBSBUJPO BOE IZHJFOJD IBOEMJOH PG GPPE BSF JEFOUJmFE 'PPE TFSWJDF DPVOUFS BUUFOEBOUT HFOFSBMMZ TFSWF B XJEFS SBOHF PG NPSF elaborate products and meals than street food salespersons and do not generally transport food using, or sell food GSPN FRVJQNFOU TVDI BT IBOEDBSUT CJDZDMFT PS CBTLFUT

Unit Group 5249:

Sales Workers Not Elsewhere Classified

5IJT VOJU HSPVQ JODMVEFT TBMFT XPSI TJmFE FMTFXIFSF JO 4VC NBKPS (SPVQ Workers.

Example of the occupations classi ed here:

Rental salesperson

Sub-ma~or Group 53
Personal Care Workers

1FSTPOBM DBSF XPSLFST QSPWJEF DBSF BOE TVQQPSU UP QFPQMF XIP BSF EFQFOEFOU PO PUIFST GPS UIFJS QIZTJDBM DPNGPSU PS FNPUJPOBM XFMMCFJOH BOE JO NPTU PDDVQBUJPOT JO UIJT NBKPS HSPVQ UIFZ BSF FNQMPZFE CZ IPTQJUBMT BOE QFSTPOBM DBSF GBDJMJUJFT

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ JODMVEF UFBDIJOH DIJMESFO BOE QVQJMT JO QSJNBSZ TDIPPMT QSPWJEJOH DBSF BOE TVQFSWJTJPO PG DIJMESFO JO QSJWBUF IPVTFIPMET BOE JOTUJUVUJPOBM TFUUJOHT BOE QBSUJDJQBUJOH JO FEVDBUJPOBM BDUJWJUJFT TVDI BT DPPLJOH BOE TFSWJOH GPPE

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF

531 Child Care Workers and Teachers' Aides

532 Personal Care Workers in Health Services

Minor Group 531
Child Care Workers and Teachers' Aides

$IJME DBSF XPSLFST BOE UFBDIFST TUJQVMBUF PS BTTJTU JO UIF DBSF PG DIJMESFO JO residential homes and child care facilities.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF UIPTF CFMPOHJOH UP QSJWBUF IPVTFIPMET BOE JOTUJUVUJPOBM TFUUJOHT TVQFSWJTJOH TVQFSWJTPST PG DIJMESFO BOE JOUFSNFEJBUF FEVDBUJPOBM EFWFMPQNFOU QFSTPOBM DBSF XPSLFST BOE FSWJDFT DPPSEJOBUPST PG DIJMESFO JO QSJNBSZ TDIPPMT BOE FBSMZ DIJMEIPPE FEVDBUPST BOE DBSF XPSLFST JO EBZ DBSF DFOUSFT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF

5311 Child Care Workers

5312 Teachers' Aides

Unit Group 5311
Child Care Workers

H PCTFSWJOH BOE NPOJUPSJOH DIJMESFO BOE UFBDIJOH UIFJS QIZTJDBM EFWFMPQNFOU BOE HFOFSBM XFMMCFJOH

I LFFQJOH SFDPSET PO JOEJWJEVBM $IJME DBSF XPSLFST QSPWJEF DBSF BOE TVQFSWJTJPO GPS DIJMESFO JO SFTJEFOUJBM IPNFT BOE JO CFGPSF- BOE BGUFS TDIPPM DBSF GBDJMJUJFT 5BTLT JODMVEF o

(a) assisting children to wash, dress and feed UIFN UP UBLF NFBMT

(b) taking children to and from school or out-EPPST GPS SFDSFBUJPO

(c) playing games with children, or entertaining UIFN CZ SFBEJOH PS TUPSZUFMMJOH

(d) assisting in the preparation of materials and FRVJQNFOU GPS DIJME-SFO T FEVDBUJPO BOE SFD SFBUJPOBM BDUJWJUJFT

F NBOBHJOH DIJMESFO T CFIBWJPVS o UIFJS TPDJBM EFWFMPQNFOU

(f) disciplining children and recommending or JOJUJBUJOH PUIFS NF-BTVSFT UP DPOUSPM CFIBWiour, such as caring for own clothing and QJDLJOH VQ UPZT BOE CPPLT

Examples of the occupations classi ed here:
Babysitter
Child care worker
Creche ayah
Family day care worker
Nanny
Out of school hours care worker

Some related occupations classi ed elsewhere:

Unit Group 5312

Teachers' Aides

5FBDIFST BJEFT QFSGPSN OPE UBTLT JODMVEF o
BTTJTU UFBDIJOH TUB BOE QSFQBSF MFTTPO NBUFSJBMT
WJTJPO GPS DIJMESFO JO TDIPPMT BOE (c) assisting with preparing teaching materials,
and copying and collating written and printed
(b) preparing indoor and outdoor areas for
MFBSOJOH BOE SFDSFBUJPOBM EXBNQMFT PG UIF PDDVQBUJPOT DMBTTJ FE IFSF
Pre-school assistant
5FBDIFS T BTTJTUBOU

Minor Group 532

Personal Care Workers in Health Services

1FSTPOBM DBSF XPSLFST JO IFBMUIBTFEWJDFTUBSPWJEFQFSTPOBM
BOE BDUJWJUJFT PG EBJMZ MJWJOH BOE QBSUJDJQBUJPO JO IPN
care and residential settings.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFZ BDUJWJUJFT UP QSPNPUF
NVOJDBUJPO OFFET TUFSJMJ[JOH TVSHJDBM XPVOET BOE UPQJDBM
SFQPSUJOH DPOEJUJPOT UP UIF BQQSPQSJBUF NFNCFS PG
GPS FYBNJOBUJPO BOE USFBUNFOU BDDPSEJOH UP QSPUPDPMT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBWF JOUP UIF GPM

5321 Health Care Assistants

5322 Home-based Personal Care Workers

5329 Personal Care Workers in Health Services Not Elsewhere Classified

Unit Group 5321

Health Care Assistants

)FBMUI DBSF BTTJTUBOUT EQ SNBWJUEFJOEJOHFQBUJFOUT PO
DBSF BOE BTTJTUBODF XJUI BDUJWJUJFT PG EBJMZ MJWJOH
UP QBUJFOUT BOE SFTJEFOUBM DBSF GBDJMJUJFT
care settings such as hospitals, clinics and resi-
EFOUJBM OVSTJOH DBSF GBDJMJUJFT
work in implementation of established care plans
BOE QSBDUJDFT BOE VOEFS UIF EJSFDUJPO
of medical, nursing or other health professionals
or associate professionals.

5BTLT JODMVEF o

B QSPWJEJOH DBSF TVQQPSU BOE USFBUNFOU UP
patients and residents of medical, rehabilita-
UJWF BOE SFTJEFOUJBM DBSF GBDJMJUJFT BDDPSEJOH
to treatment plans established by medical,
OVSTJOH BOE PUIFS IFBMUI QSPGFTTJPOBMT
(b) assisting patients with personal and thera-
peutic care needs such as personal hygiene,
GFFEJOH EFTFTTJOH QIZTJDBM NPCJMJUZ BDUJWJUJFT
ercise, communication, taking oral medica-
UJPOT BOE DIBOHJOH EFTFTTJOH BJEFT IPNF o

(c) positioning, lifting and turning patients and
USBOTQPSUJOH UIFN JO -XIFFMDIBJST
BCMF CFET

Standards, such as planning patient mobility
Medical pain relief measures, such as during
work
professional.

Examples of the occupations classi ed here:
Birth assistant (clinic or hospital)
Nursing aide (clinic or hospital)
Patient care assistant
Psychiatric aide

Some related occupations classi ed elsewhere:
"NCVMBODF XPSLFS o

Note

8PSLFST XIP QSPWJEF QFSTPOBM DBSF UP SFTJEFOUT PG JOTUJUVUJPOT BOE HBDJMJUJFT UIBU IBWF QFSNBOFOU NFEJDBM PS OVSTJOH TVQFSWJTJPO TVDI BT IPTQJUBMT SFIBCJMJUBUJPO centres, residential nursing care facilities and nursing IPNFT BOE UIFSFGPSF XPSL VOEFS UIF EJSFDU TVQFSWJTJPO of nurses, medical doctors or other health professionals PS BTTPDJBUF QSPGFTTJPOBMT BSF DMBTTJmFE JO 6OJU (SPVQ)FBMUI $BSF "TTJTUBOUT 8PSLFST JO)FBMUI 4FSWJDFT TPOBM DBSF UP SFTJEFOUT PG -JOFBS QSPGFTTJPOBMT BMMZ XJUIPVU QFSNBOFOU NFEJDBM PS OVSTJOH TVQFSWJTJPO TIPVME CF DMBTTJmFE JO 6OJU (SPVQ)FBMUI $BSF Personal Care Workers. In general, workers classi ed in .JOPS (SPVQ 1FSTPOBM $BSF 8PSLFST JO)FBMUI 4FS WJDFT EP OPU QFSGPSN UBTLT SFRVJSJOH FYUFOTJWF NFEJDBM knowledge or training, such as administering medica- UJPOT BOE DMFBOJOH BOE ESFTTJOH XPVOET XIFSF UBTLT PG this type are performed they are of a simple and routine nature.

I QSPWJEJOH TVQQPSU UP QBSF OF XCPSOJ EVSJOH UIF QPTUQBSUVN (f) scheduling and accompanying clients for appointments with medical doctors and other health professionals, or performing other errands.

Examples of the occupations classi ed here:

Home birth assistant

Home care aide

Nursing aide (home)

1FSTPOBM DBSF QSPWJEFS

Some related occupations classi ed elsewhere:

/VSTF QSPGFTTJPOBM o

4PDJBM XPSLFS QSPGFTTJPOBM o

/VSTF BTTPDJBUF QSPGFTTJPOBM

4PDJBM XPSLFS BTTPDJBUF QSPGF

/VSTJOH BJEF DMJOJD PS IPTQJUB

Unit Group 5322

Home-based Personal Care Workers

Note

8PSLFST XIP QSPWJEF QFSTPOBM DBSF UP)PNF CBTFE QFSTPOBM DBSF XPSLFST QSPWJEF SPV NFEJDBM PS OVSTJOH TVQFSWJTJPO TVDI BT UJOF QFSTPOBM DBSF BOE BTTJTUBODF XJUI BDUJWJUJFT PG EBJMZ MJWJOH UP QFSTPOT XIP BSF JO QFFE PG TVDI DBSF EVF UP F FDUT PG BHFJOH JMMOFTT JOKVSZ PS PUIFS QIZTJDBM PS NFOUBM DPOEJUJPOT JO QSJWBUF QFSTPOBM homes and other independent residential settings. 5BTLT JODMVEF o

(a) assisting clients with personal and therapeutic care needs such as personal hygiene, feeding, dressing, physical mobility and FYFSDJTF DPNNVOJDBU-JPO UBTLT JOWPMWJOH PSBM NFE ications and changing dressings, usually according to care plans established by a health QSPGFTTJPOBM

(b) maintaining records of client care, changes in condition and responses to care and treat- NFOU BOE SFQPSUJOH DPODFSOT PS QSPWJEJOH SFGFSSBMT UP B IFBMUI-PSPGFTTJPOBM TJPOBM

(c) positioning and lifting clients with physical mobility challenges, and helping transport UIFN JO XIFFMDIBJST BOE NBOVBM USBOTGFST E QSPWJEJOH DMJFOUT BOE GBNJMZ NFNCFST XJUI TVQQPSU JOGPSNBUJPO PO NBUUFST SFMBUFE UP TVDI BT OVUSJUJPO IZHJFOF BOE TBOJUBUJPO GPS JOGBOUT PS BEBQUJOH F NBJOUBJOJOH DMJFOUT standards, such as changing bed linen, washing clothes and dishes, and cleaning MJWJOH RVBSUFST

G QSPWJEJOH QTZDIPMPHJDBM pharmaceutical instruments, bottles, tweezers BT UISPVHI DPOWFSTBUJPO PS BEWJDF UP FOTVSF H QMBOOJOH QVSDIBTJOH (b) labelling drugs, chemicals and other pharNFBMT UP NFFU OVUSJUJPOBM macutical preparations and replenishing QSFTDSJCFE EJFUT TUPDL PO TIFMWFT

Unit Group 5329

Personal Care Workers in Health Services Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST QSPWJEFST PG TVQQPSU JOGPSNBUJPO PO NBUUFST SFMBUFE UP TVDI BT OVUSJUJPO IZHJFOF BOE TBOJUBUJPO GPS JOGBOUT PS BEBQUJOH F NBJOUBJOJOH DMJFOUT standards, such as changing bed linen, washing clothes and dishes, and cleaning MJWJOH RVBSUFST

G QSPWJEJOH QTZDIPMPHJDBM pharmaceutical instruments, bottles, tweezers BT UISPVHI DPOWFSTBUJPO PS BEWJDF UP FOTVSF H QMBOOJOH QVSDIBTJOH NFBMT UP NFFU OVUSJUJPOBM QSFTDSJCFE EJFUT

I QSPWJEJOH TVQQPSU UP QBSF OF XCPSOJ EVSJOH UIF QPTUQBSUVN (f) scheduling and accompanying clients for appointments with medical doctors and other health professionals, or performing other errands.

Examples of the occupations classi ed here:

Home birth assistant

Home care aide

Nursing aide (home)

1FSTPOBM DBSF QSPWJEFS

Some related occupations classi ed elsewhere:

/VSTF QSPGFTTJPOBM o

4PDJBM XPSLFS QSPGFTTJPOBM o

/VSTF BTTPDJBUF QSPGFTTJPOBM

4PDJBM XPSLFS BTTPDJBUF QSPGF

/VSTJOH BJEF DMJOJD PS IPTQJUB

Note

8PSLFST XIP QSPWJEF QFSTPOBM DBSF UP NFEJDBM PS OVSTJOH TVQFSWJTJPO TVDI BT BTTJTUBOUT XPSLJOH JO QSJWBUF QFSTPOBM nursing care homes), and therefore work under the direct TVQFSWJTJPO PG IFBMUI QSPGFTTJPOBMT PS "TTJTUBOUT XPSLJOH JO QSJWBUF QFSTPOBM pendent residential settings (including retirement communities with minimal or no on-site medical or nursing TVQFSWJTJPO BSF DMBTTJmFE JO 6OJU (SPVQ based Personal Care Workers. Home birth assistants, XIP QSPWJEF FNPUJPOBM TVQQPSU BOE HFOF BEWJDF UP XPNFO BOE GBNJMJFT EVSJOH QS MBCPVS CVU OPU EFMJWFSZ DBSF UP SFEVDF JODMVEFE IFSF $BSF XPSLFST XIP QSPWJEF DB WJTJPO GPS DIJMESFO JO SFTJEFOUJBM IPNF BSF DMBTTJmFE JO 6OJU (SPVQ $IJME $BSF

Unit Group 5329

Personal Care Workers in Health Services Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST QSPWJEFST PG TVQQPSU JOGPSNBUJPO PO NBUUFST SFMBUFE UP TVDI BT OVUSJUJPO IZHJFOF BOE TBOJUBUJPO GPS JOGBOUT PS BEBQUJOH F NBJOUBJOJOH DMJFOUT standards, such as changing bed linen, washing clothes and dishes, and cleaning MJWJOH RVBSUFST

G QSPWJEJOH QTZDIPMPHJDBM pharmaceutical instruments, bottles, tweezers BT UISPVHI DPOWFSTBUJPO PS BEWJDF UP FOTVSF H QMBOOJOH QVSDIBTJOH NFBMT UP NFFU OVUSJUJPOBM QSFTDSJCFE EJFUT

group includes occupations such as Medical Aide, Hospital Orderly, Medical Imaging assistant and pharmacy aide.

*O TVDI DBTFT UBTLT XPVME JODMVE

(a) cleaning and sterilizing surgical, dental and pharmaceutical instruments, bottles, tweezers

(b) labelling drugs, chemicals and other pharmaceutical preparations and replenishing

D MJGUJOH UVSOJOH BOE NPWJOH QBUJFOUT BOE USBOTQPSUJOH UIFN JO XIFFMDIBJST PS NPW BCMF CFET

E QSFQBSJOH QBUJFOUT GPS FYBNJOBUJPO PS USFBUNFOU

(e) setting up instrument trays, preparing materials, and assisting dentists or radiographers

QIFST EVSJOH QSPDFEVSFT

G FYQPTJOH EJBHOPTUJD 9 SBZ 11 BSNBDFVUJDBM BTTJTUBOU o %FOUBM UFDIOJDJBO o %FOUBM BTTJTUBOU o

Examples of the occupations classi ed here:

%FOUBM BJEF

First aid attendant
Hospital orderly
.FEJDBM JNBHJOH BTTJTUBOU
Pharmacy aide
Phlebotomist
Sterilization aide

Some related occupations classi ed elsewhere:

Sub-ma~or Group 54
Protective Services Workers

1SPUFDUJWF TFSWJDFT XPSLFST QSPWJEF TU JnGSFJWBUJPO BOE VBUIFSJUBUJWF SBOHF[BQSSEPTQ
maintain law and order and enforce laws and regulations. Competent performance in most
PDDVQBUJPOT JO UIJT TVC NBKPS HSPVQ SLJMMT JO MFBEFSTIJQ BOE NBOBHFNFOU BU UIF

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ JODMVEF TQFDJBMJTU GJSF
FYUJOHVJTIJOH mSFT SFTDVJOH QFPQMF GSPN EBOHFSPVT TJUVBUJPOT NBJOUBJOJOH
JO EBOHFSPVT TJUVBUJPOT NBJOUBJOJOH TVQQMJFT BOE FRVJQNFOU BU QPSUT BOE
QVCMJD BSFBT BOE BSSFTUJOH TVTQFDUFE QFSTPOT BOE QFSGPSNJOH PUIFS
FWFOU PG BDDJEFOUT XBUDIJOH PWFSOJHIU QSPUFDUJWF TFSWJDFT PS QFOJUFOUJBSJFT
UPSJFT PS QFOJUFOUJBSJFT QBUSPMMJOH BDDFTT UP QSFNJTFT BOE PUIFS QVCMJD
WBOEBMJTN DPOUSPMMJOH BDDFTT UP QSFNJTFT BOE PUIFS QVCMJD
UJPOT BU QVCMJD FWFOUT BOE XJUOFTTJOH PUIFS QSPUFDUJWF TFSWJDF BDUJWJUJFT

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JODMVEF TQFDJBMJTU GJSF QSPUFDUJPO
541 Protective Services Workers

Minor Group 541
Protective Services Workers

1SPUFDUJWF TFSWJDFT XPSLFST QSPWJEF TU JnGSFJWBUJPO BOE VBUIFSJUBUJWF SBOHF[BQSSEPTQ
maintain law and order and enforce laws and regulations.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFJTQJSFHVBSETJOHSFTQPOEJOHUPGJSFT
GSPN CVSOJOH CVJMEJOHT BOE BDDJEFOUBM FYQMPTJPOT
taining law and order, enforcing laws and regulations, patrolling public areas and arresting
TVTQFDUFE P FOEFST EJSFDUJOH USBGGJD BOE QBSLJOH WFIJDMFT
PWFS BOE NBJOUBJOJOH PSEFS BNPOH HFTUVSFT BOE CPEZ MBOHVBHF
MJOH PS NPOJUPSJOH QSFNJTFT UP IBWF CSPLFO MBXT PS SFHVMBUJPOT
UP FTUBCMJTINFOUT BOE NBJOUBJOJOH PSEFS BU GVODUJPOT BOE FWFOUT
FTUBCMJTINFOUT 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JOD

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF TQFDJBMJTU GJSF QSPUFDUJPO
5411 Firefighters
5412 Police Officers
5413 Prison Guards
5414 Security Guards
5419 Protective Services Workers Not Elsewhere Classified

Unit Group 5411
Firefighters

'JSFmHIUFST QSFWFOU mHIUQSBFWEFOUJOHO HSJMTJNdrUSJFOTH UIF TQ
and assist in other emergencies, protect life and gerous substances in case of fires or acci-
QSPQFSUZ BOE DPOEVDU SFTDVFFOFTTPSUT
5BTLT JODMVEF o G JOGPSNJOH UIF QVCMJD BCPVU mSF
(a) responding to re alarms and other calls for assistance, such as automobile and industrial accidents, bomb threats and other emergen- Examples of the occupations classi ed here:
DJFT Fire ghter
Forest re ghter
C DPOUSPMMJOH BOE FYUJOHVJTIJOH GJSFT VTJOH Some related occupations classi ed elsewhere:
NBOVBM BOE QPXFS FRVJQNFOU mHIUJOH DIFNJDBMT 'JSF JOTQFDUPS o
(c) ghting special types of res and using spe- 'JSF QSFWFOUJPO TQFDJBMJTU o
DJBM FRVJQNFOU JO JOEVTUSJBM mSF mJFMET UFBDIJOH BOE SFTFBSDI

Unit Group 5412
Police Officers

Police o cers maintain law and order, patrolling public areas, enforcing laws and regulations and BSSFTUJOH TVTQFDUFE P FOEFSFS 5BTLT JODMVEF o
(a) patrolling a speci c area to maintain public order, responding to emergencies, protecting people and property and enforcing laws and SFHVMBUJPOT
(b) identifying, pursuing and arresting suspects BOE QFSQFUSBUPST PG DSJNFT
(c) directing tra c and assuming authority in UIF FWFOU PG BDDJEFOUT E QSPWJEJOH FNFSHFODZ BTTJTUBODF JO DBTFT PG accidents, crimes and natural disasters.

Examples of the occupations classi ed here:
Constable
Police o cer
Police patrol o cer

Some related occupations classi ed elsewhere:
1PMJDF DIJFG DPOTUBCMF BOE MVHHBHF BU BJSQPSUT
1PMJDF DPNNJTTJPOFS o G QJDLJOH VQ BOE FOTVSJOH UIF T
1PMJDF JOTQFDUPS HFOFSBM o DBTI BOE WBMVBCMFT UP CBOLT
1PMJDF EFUFDUJWF o
1PMJDF JOTQFDUPS o

Unit Group 5413
Prison Guards

1SJTPO HVBSET XBUDI PWFS 8BUDIFNFO BOE KVOJPS PGGFOEFST among inmates of prisons, reformatories or penitentiaries.
5BTLT JODMVEF o
B TFBSDIJOH BSSJWJOH QSJTPOFST BOE TFBSDIJOH UIFJS WBMVBCMFT JO TBGFLFFQJOH FTDPSUJOH QSJTPOFST UP DFMMT BOE MPDLJOH UIFN JO
(b) making periodic inspection tours of cells and inspecting and maintaining the security of MPDLT XJOEPXT EPPST BOE PUIFS FRVJQNFOU
D TVQFSWJTJOH QSJTPOFST BU XPSL BOE NFBMT BOE EVSJOH SFDSFBUJPO QFSJPET
E PCTFSWJOH UIF DPOEVDU BOE WFIJDMF NPWFNFOUT PG QSJTPOFST UP QSFWFOU EJTUVSCBODFT BOE DPOUSBCBOE PS DPOUSBCBOE DPNNVOJDBUJPOT JO .JOPS (SP
F QBUSPMMJOH QSJTPO BSFBT UP XBUDI GPS JOUFSFTU 'PS JOTUB
(f) assisting with the implementation of rehabilJUBUJPO QSPHSBNNFT
(g) escorting prisoners in transit and during UFNQPSBSZ MFBWF

Example of the occupations classi ed here:
Prison guard

Unit Group 5414
Security Guards

Security guards patrol or monitor premises to HVBSE QSPQFSUZ BHBJOTU UIFG tain order and enforce regulations at public FWFOUT BOE XJUIJO FTUBCMJTINFOUT 5BTLT JODMVEF o
(a) patrolling premises and checking doors, win- EPXT BOE HBUFT UP QSFWFOU BOE EFU VOBVUIPSJ[FE FOUSZ
(b) controlling access to establishments, monitoring and authorizing the entrance or deQBSUVSF PG FNQMPZFFT BOE WJTJ D DJSDVMBUJOH BNPOH WJTJUPST Q QMPZFFT UP QSFTFSWF PSEFS QSPU GSPN UIFGU PS WBOEBMJTN BOE F SFHVMBUJPOT PG UIF FTUBCMJTINFO E SFTQPOEJOH UP BMBSNT JOWFTUJ bances and contacting superiors, police or mSFmHIUFST BT BQQSPQSJBUF
(e) performing security checks of passengers BOE MVHHBHF BU BJSQPSUT
G QJDLJOH VQ BOE FOTVSJOH UIF T teller machines and retail establishments.

Examples of the occupations classi ed here:
Bodyguard
%PPSLFFQFS
.VTFVN HVBSE
Security guard
4FDVSJUZ QBUSPMNBO XPNBO

Some related occupations classi ed elsewhere:
#FBDI QBUSPMNBO XPNBO o
QJDLJOH VQ BOE FOTVSJOH UIF TWBQSVEU UIFJS

Unit Group 5419
Protective Services Workers Not Elsewhere Classified

This group includes lifeguards, crossing guards and animal control o cers.
5BTLT JODMVEF o
(a) patrolling beaches and swimming pools to QSFWFOU BDDJEFOUT BOE UP SFTDVF ESPXOJOH
(b) monitoring traffic flow to locate safe gaps UISPVHI XIJDI QFEFTUSJBOT DBO DSP

(c) responding to citizen complaints concerning TUSBZ EPNFTUJD BOJNBMT MJWFTUPDL BOE XJME life, issuing warnings and citations to owners and impounding lost, homeless and dangerous animals
(d) patrolling an assigned area to enforce parking regulations
(e) directing traffic.

Examples of the occupations classified here:
"OJNBM DPOUSPM PGGJDFS
#FBDI QBUSPMNBO XPNBO
(BNF XBSEFO
Lifeguard
5SBGGJD XBSEFO

Some related occupations classified elsewhere:
%PPSLFFQFS o
.VTFVN HVBSE o
8BUDINBO XPNBO o

Ma~or Group 6

SKILLED AGRICULTURAL, FORESTRY AND FISHERY WORKERS

4LJMMFE BHSJDVMUVSBM GPSFTUFSTZUBnOEMnETPHSSUZSXFFSBEETTHS DSPQT HBUIFS XJME GSVJUT BOE QMBOUT PS IVTCBOESZ QSPEVDUT DVMUJWBUF FPE PS HBUIFS PUIFS GPSNT PG BRVBUJDTMFJMGUFFJSO BPSE FJSO OPS PGWPJSE FU TFMWFT BOE UIFJS IPVTFIPMET $PNQSVBFUOPOQFSJSOGPUSJNTBOBK PJSO HNSPPTVO SFRVJSFT TLJMMT BU UIF TFDPOE *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ TLJMMFE BHSJDVMUVSBM GMF-SFJTOUDSMVEEOE QnS QBSJOH UIF TPJM TPXJOH QMBSOWUFTDUHJOTHQSnEFZMJEOEDS PGQFTUSHS GSVJU BOE PUIFS USFF BOE TISVC DSPQE IHPSPUXJJDVHMHUBVSSEEFMO QVSFEV HBUIFSJOH XJME GSVJUT BOE QMBOUTVOUSFOHEJBOHJNSEBMTJONB J OMOZ PCUBJO NFBU NJML IBJS GVS TPJUOFBSQTSPSEJVDVMU-UDSVBMU JBWQBJUBJSJ TFSWJOH BOE FYQMPJUJOH GPSFTUWTBUCJSOHEPJSO HBPUSFDSEJUDDHIJPOUHFnSTG P PG BRVBUJD MJGF TUPSJOH BOE PSGSUSZFJJOSHQPSVPUEVTDPFN F TCEBMTMJDO E QSPEVDUT UP QVSDIBTFST NBSLFUJ4OVHQPSTWEJOJPBU PPOPFUPSSSBNPNSELSF may be included.

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTSVFCDMEBKTPTJnHFSEPVQTUP UIF GPM

- **61 Market-oriented Skilled Agricultural Workers**
- **62 Market-oriented Skilled Forestry, Fishery and Hunting Workers**
- **63 Subsistence Farmers, Fishers, Hunters and Gatherers**

Sub-ma~or Group 61

Market-oriented Skilled Agricultural Workers

.BSLFU PSJFOUFE TLJMMFE BHSJDVMUQVFSSBGMPXSNSGBSSTNQMHBOPQPFSSHBBUOJJF
UP HSPX BOE IBSWFTU mFME PS USFFF BBOEVFTSSWFUZDPSQBTOJBNBEMTUBOQ
BOJNBM QSPEVDUT GPS TBMF PS EFFTMBJWFFSZZFOSTB SNBSSLVMUBJSOSBPTSJHT
izations or at markets. Competent performance in most occupations in this sub-major group
SFRVJSFT TLJMMT BU UIF TFDPOE *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTEFVCQSNBQSJOSHPVQF VTTPVBMM
TPXJOH QMBOUJOH TQSBZJOH GFSQTJMJ[JOHBCESMBJSWFOTEJPOHFNSFN
BOE TISVC DSPQT HSPXJOH HBSEFOPWFFEBUSCMFTJBOE CSSFUEDVMUBV
tending animals mainly to obtain meat, milk, hair, fur, skin or sericultural, apiarian or other
QSPEVDUT TUPSJOH BOE DBSSZJOH TPMMTJPOHF QSFPJDSFTQTJPOBHVDTPEGTQSP
DIBTFST NBSLFUJOH PSHBOJ[BUJPOTPSFSBUXNBSLFTUTNBZVCFSJWOLTMPVGE

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSSFOPMSBHTSFWQE JOUP UIF

611 Market Gardeners and Crop Growers

612 Animal Producers

613 Mixed Crop and Animal Producers

Note

+PCT TIPVME CF DMBTTJmFE JO 4VC NNBKPS (SPVQT)AWCUSTUFBDDEF (BSIFSFST
when goods (mostly food) are produced mainly for own consumption or for consumption by other mem-
bers of the worker s household. If a large surplus is produced, and more goods are sold than consumed,
CVU UIF NBJO BJN PG QSPEVDUJPO XBPVMEOFOTVSQUIFJMPTTUIGFKDOTB
4VC NBKPS (SPVQ +PCT TIPVME POMZSCVFQDTMBTTJmFEJOPSVCONBKPS4LJMMFE
"HSJDVMUVSBM 8PSLFST PS .BSLFUTPSSJFOBDEE)VMUJNOHEBPSSLFSTUSJG UIF NBJO
BJN PG UIF BDUJWJUZ JT UP QSPEVDF HPPET GPS UIF NBSLFU

Minor Group 611

Market Gardeners and Crop Growers

.BSLFU HBSEFOFST BOE DSPQ HSPXFSTFQSNBSOPPTSHUBPOHJSPXSBEEQFSSGWSTN
mFME DSPQT UP HSPX GSVJU BOE PRUXFSBUSSEFFOBWEHFSJVBCCMSTQBOE
EJDJOBM BOE PUIFS QMBOUT BOE UJPDQNPUVSBMIOSVSTJDSVMUVSQSMEBVDE
TBMF PS EFMJWFSZ PO B SFHVMBSJOBTPSHBJ[BUJPOTPMFSCBVZNSTSLN

5BTLT QFSGPSNFE VTVBMMZ JODMVEF DNPPDEJUUPSJDDTH ENBUSFSNJKDDJOHV
UZQFT BOE RVBOUJUJFT PG DSPQT USPEJFOBUSJPXO QBSOPEVDJOHBDPC
JOHMZ QVSDIBTJOH TFFET CVMCET BOE MGBFOSEJUJWJ[SFSWFNOFUTUJQSH
QBSJOH MBOE BOE TPXJOH QMBOUJOSHPVTMDUSJPVQBTUJOHBEJEHBSWFSTL
BOJNBMT BOE NBJOUBJOJOH GBSN CVJMEJOHTEVENTDJNBHITBDQFNZJOHOTE
BOE TFFET TUPSJOH BOE DBSSZJOH PMZSCVFQDTMBTTJmFEJOPSVCONBKPS
QSPEVDUT 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMVEFE

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSFOPMSBHTSFWQE JOUP UIF GPM

6111 Field Crop and Vegetable Growers

6112 Tree and Shrub Crop Growers

6113 Gardeners; Horticultural and Nursery Growers

6114 Mixed Crop Growers

Unit Group 6111

Field Crop and Vegetable Growers

IBSWFTU WBSJPVT UZQFT PG mFME DSPQ
and other cereals, rice, beetroot, sugar-cane,
groundnuts, tobacco, reed or other eld crops,

'JFME DSPQ BOE WFHFUBCMFBHSJDVMUVSBMQSPEVDFSTO DPSBSCHCBOHJF PS PUIFS G
and perform farming operations to grow and CMFT GPS TBMF PS EFMJWFSZ PO B S

wholesale buyers, marketing organizations or at markets.

5BTLT JODMVEF o

B NPOJUPSJOH NBSLFU BDUJWJUJFT BOE QSJDFT UP EFUFSNJOJOH UZQFT BOE RVBOUJUJFT UP be grown, and planning and coordinating QSPEVDUJPO BDDPSEJOHMZ

(b) preparing soil by hand or machine, and TQSFBEJOH GFSUJMJ[FST BOE NBOVSFE NBUFSJBMT PO

(c) selecting and sowing seeds, and planting TFFEMJOHT

E NBJOUBJOJOH DSPQT CZ DVMUJWBUJOH planting, pruning or thinning plants, and by TFUUJOH VQ BOE PQFSBUJOH JSSJHBUJPO TZTUFNT

(e) controlling weeds, pests and diseases by ap- QMZJOH IFSCJDJEFT BOE QFTUJDJEFT

G IBSWFTUJOH DSPQT BOE TVQFSnVPVT DSPQT

(g) inspecting, cleaning, grading, packaging, TUPSJOH BOE MPBEJOH DSPQT UP NBSLFU

(h) tending working animals and maintaining GBSN CVJMEJOHT TUSVDUVSFT FRVJQNFOU XBUFS TVQQMZ TZTUFNT

(i) storing and carrying out some processing of QSPEVDF

(j) promoting and marketing products, arranging the sale, purchase and transportation of produce and supplies and maintaining BOE FWBMVBUJOH SFDPSET PG GBSN USBOTBDUJPOT

L USBJOJOH BOE TVQFSWJTJOH production, maintenance duties and health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classi ed here:
- Cereal farmer
- Cotton farmer
- Potato farmer
- Rice farmer
- Skilled farm worker (eld crops)
- Sugar-cane grower

Some related occupations classi ed elsewhere:
- "HSJDVMUVSBM QSPEVDUJPO NBOBHFS o
- $SPQ GBSN MBCPVSFS o

Note

(SPXFST PG WFHFUBCMFT VTJOH HSFFOIPVTF DVMUJWBUJPO UFDI OJRVFT BSF DMBTTJGJFE JO 6OJU (SPVQ)PSUJDVMUVSBM BOE /VSTFSZ (SPXFST

Unit Group 6112

Tree and Shrub Crop Growers

5JMMFST PG UFBT SVCCFS USFFT BOE PUIFS USFFT BOE TISVCT QMBOU P trees and shrubs such as fruit and nut trees, tea bushes, cocoa trees and rubber trees, and to collect wholesale buyers, marketing organizations or at markets.

5BTLT JODMVEF o

B NPOJUPSJOH NBSLFU BDUJWJUJFT BOE QSJDFT UP be grown, and planning and coordinating QSPEVDUJPO BDDPSEJOHMZ

(b) preparing soil by hand or machine, and TQSFBEJOH GFSUJMJ[FST BOE NBOVSFT

(c) selecting and sowing seeds, and planting TFFEMJOHT

E NBJOUBJOJOH DSPQT CZ DVMUJWBUJOH transplanting, pruning or thinning trees and shrubs, and by setting up and operating irSJHBUJPO FRVJQNFOU

(e) controlling weeds, pests and diseases by ap- QMZJOH IFSCJDJEFT BOE QFTUJDJEFT

(f) tending trees or bushes, collecting sap and IBSWFTUJOH DSPQT

(g) inspecting, cleaning, grading, packaging, UP NBSLFU

(h) tending working animals and maintaining GBSN CVJMEJOHT TUSVDUVSFT FRV XBUFS TVQQMZ TZTUFNT

(i) storing and carrying out some processing of QSPEVDF

(j) promoting and marketing products, arranging the sale, purchase and transportation of produce and supplies, and maintaining BOE FWBMVBUJOH SFDPSET PG GBSN USBOTBDUJPOT

L USBJOJOH BOE TVQFSWJTJOH production, maintenance duties and health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classi ed here:
- Fruit farmer
- Rubber farmer
- Rubber tapper (BSEFOFST
- 5FB HSPXFS
- Viticulturist

Some related occupations classi ed elsewhere:
- 1MBOUBUJPO NBOBHFS o
- 'SVJU QJDLFS o

Unit Group 6113

Gardeners; Horticultural and Nursery Growers

(BSEFOFST BOE IPSUJDVMUVSBM BQ-
plan, organize and perform operations to cul-
UJWBUF BOE NBJOUBJO USFFT
PUIFS QMBOUT JO QBSLT BOE
to produce saplings, bulbs and seeds or grow
WFHFUBCMFT BOE nPXFST
UFDIOJRVFT GPS TBMF PS EFM-
to wholesale buyers, marketing organizations or
at markets.

5BTLT JODMVEF o

B NPOJUPSJOH NBSLFU BDUJWJUZ BOE DPOEJUJPOT
EFUFSNJOJOH LJOET BO-E
bles and horticultural and nursery products
to be grown, and planning and coordinating
QSPEVDUJPO BDDPSEJOHMZ

C QSFQBSJOH MBOE CZ DPOE-
ground and installing and operating irriga-
UJPO BOE ESBJOBHF TZTUFNT

D QMBOUJOH USFFT IFEHFT
(d) pruning and trimming trees, shrubs and
hedges, installing plant supports and pro-
tection, and rolling, mowing, aerating and
FEHJOH MBXOT

(e) constructing features and facilities within
HBSEFOT TVDI BT QBUIT PS
rockeries, garden beds, ponds and water fea-
UVSFT TIFET BOE GFODFT

(f) checking the health of plants and trees, iden-
tifying and treating weeds, pests and dis-
FBTFT BOE BQQMZJOH NVM-

(g) producing saplings, bulbs and seeds and
SBJTJOH QMBOUT GSPN TFFE-

I IBSWFTUJOH DSPQT BOE
grading, packaging, storing and loading
QSPEVDUT GPS TBMF PS EFM-

(i) maintaining buildings, greenhouses and other
TUSVDUVSFT FRVJQNFOU-
UFNT

(j) storing and carrying out some processing of
QSPEVDF

(k) promoting and marketing products, ar-
ranging the sale, purchase and transportation
of produce and supplies, and maintaining
BOE FWBMVBUJOH SFDPSET
USBOTBDUJPOT

M USBJOJOH BOE TV-
duction, maintenance duties, and health
and safety precautions, and hiring and dis-
charging workers and contractors.

Examples of the occupations classi ed here:

Horticulturist
Landscape gardener
.BSLFU HBSEFOFS
.VTISPPN DVMUJWBUPS

Some related occupations classi ed elsewhere:

)PSUJDVMUVSBM TDJFOUJTU o
(BSEFO MBCPVSFS o
)PSUJDVMUVSBM XBSE PS-

Note

(SPXFST PG CFFTZ FBSJOH CVTIFT BOE GSVJ
DIBSET BSF DMBTTJmFE JO 6OJU (SPVQ 5SF
$SPQ (SPXFST VOMFTT UIJT JT FQOF JO D
HFOFSBM NBSLFU HBSEFOJOH PS IPSUJDVMUV
(SPXFST PG WFHFUBCMFT JO mFMET OPU VTJOH
WBUJPO UFDIOJRVFT BSF DMBTTJmFE JO 6OJU (
$SPQ BOE 7FHFUBCMF (SPXFST

Unit Group 6114

Mixed Crop Growers

EJUJFE DSPQT IPSUJDVMUVSBM TFWFSBM OPO-
GBSNJOH PQFSBUJPOT UP HSPX BOE IBS
NC JOBUJPOT PG GJFME DSPQT
BOE OVSTFSZ QSPEVDUT GPS TBMF P
wholesale buyers, marketing organizations or
at markets.

5BTLT JODMVEF o

B NPOJUPSJOH NBSLFU BDUJWJUZ BOE
QBUFSEBMJBH UZQFT BOE RVBOUJUJFT
be grown, and planning and coordinating
QSPEVDUJPO BDDPSEJOHMZ

(b) preparing soil by hand or machine, and
TQSFBEJOH GFSUJMJ[FST BOE NBOVS
(c) selecting and sowing seeds, and planting
TFFEMJOHT

TSBOTQMBOUJOH QSVOJOH PS UIJOOJOH DSPQT
trees and shrubs, and by setting up and op-
FSBUJOH nPXFST BOE WFHFUBCMFT

G QSPEVDJOH TBQMJOHT CVMCT BOE

H IBSWFTUJOH DSPQT BOE JOTQ
grading, packaging, storing and loading
QSPEVDUT GPS TBMF PS EFMJWFSZ

(h) tending working animals and maintaining
GBSN CVJMEJOHT TUSVDUVSFT FRV

(i) storing and carrying out some processing of

(j) promoting and marketing products, ar-
ranging the sale, purchase and transportation
of produce and supplies, and maintaining
BOE FWBMVBUJOH SFDPSET PG BD
USBOTBDUJPOT

L USBJOJOH BOE TV-
duction, maintenance duties and health
and safety precautions, and hiring and dis-
charging workers and contractors.

Examples of the occupations classi ed here:
.JYFE DSPQ GBSNFS
4LJMMFE GBSN XPSLFS NJYFE BOJNBM GBSNFS

Some related occupations classi ed elsewhere:
"HSJDVMUVSBM QSPEVDUJPO NBOBHFS o
$SPQ GBSN MBCPVSFS o
'SVJU QJDLFS o

Minor Group 612
Animal Producers

"OJNBM QSPEVDFST QMBO PSHBOJ[F BUDPE COSFFSFGEPSBOEG-BBNJTHEHPNQFTUBJ
cated animals, poultry, insects and non-domesticated animals for the production of meat, dairy
QSPEVDUT IPOFZ TLJOT UFYUJMFTT XBPSEL JPUHFST QPSSPUEJVDHUPSPSF
UJPOBM BOJNBMJWGSBZ UBMXFPMFBMJFOCIVZSSBONBSULFPT PS BU NBSI

5BTLT QFSGPSNFE VTVBMMZ JODMVEFDNOEJUJPSTO HENFBUFLSNUJBDUHWLJO
BOE BNPVOUT PG QSPEVDUT UP QSPEVDF PS EBVOEJQMBDOJPSEJBEM
SBJTJOH GFFEJOH BOE UFOEJOH BBOMJNQBSMEVDUSTFQBS JNOBHSLEFOJNNBMT
UPSJOH BOE FYBNJOJOH BOJNBMT UPFEBUFEUJMDMFLTQIZTOKDVBSM DSPEEJU
TVDI BT SBUF PG XFJHIU HBJO QFSMGSPSQSPEVDUJPOTSVDMBUFCESUFEE
BSUJmDJBM JOTFNJOBUJPO BOE IFMQJOMWFXTJUJOBHDJNBMBOCEJSNUBJTOUSF
BOE DMFBOJOH CVJMEJOHT NBDIJOFUSPZSJFORHVJBQONECOUBBSOSEZJTOHSVFDVUVST
QSPDFTTJOH PG QSPEVDF QSPNPUJOH UBIGETBNBSLQVSDIHBTQFSBOEV
USBOTQPSUBUJPO PG TUPDL QSPEVDEBEBOWBTWQRUMJOFHT SBFOEPSNEBTJOGBBJ
JUJFT BOE USBOTBDUJPOT USBJOJNOBHMBDEESTFVQSFSDVFJEVSFHTXPNSBLJFSUFJOCE
duties and health and safety precautions, and hiring and discharging workers and contractors.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSEJDMBSTFVQFE JOUP UIF GPM

6121 Livestock and Dairy Producers

6122 Poultry Producers

6123 Apiarists and Sericulturists

6129 Animal Producers Not Elsewhere Classified

Unit Group 6121
Livestock and Dairy Producers

-JWFTUPDL BOE EBJSZ QSPEVDFSTFSQEMBOHMPSWBTUJFDL UP QBTUVS
and perform farming operations to breed and
SBJTF EPNFTUJDBUFE BOJNBMT UP QSPEVDF NJML
such as cattle, sheep, pigs, goats, horses and
camels, for the production of meat, milk and
other dairy products, skins and wool or for use
as working, sporting or recreational animals, for
TBMF PS EFMJWFSZ UP XIPMFTBMFSTBMFT PS
organizations or at markets.

5BTLT JODMVEF o

B NPOJUPSJOH NBSLFU BDUJWJUJFT BOE
determining kinds and amounts of stock to
produce, and planning and coordinating pro-
EVDUJPO BDDPSEJOHMZ

C DVMUJWBUJOH QBTUVSFT BOE
toring fodder and water supplies to maintain
BQQSPQSJBUF OVUSJUJPOBMQMPXFSJOHMBOEBOE
PG MJWFTUPDL

D NPOJUPSJOH BOE FYBNJOJOH BOJNBMT UP
illness, injury or disease, and to check phys-
JDBM DPOEJUJPO TVDI BT SBBUDFUPWGJXFFIBOHEBUSBOTBDUJPOT

(d) grooming, marking, clipping, trimming,
ESFODIJOH BOE PS DBTUSBUJOH B
TIFBSJOH DPBUT UP DPMMFDU IBJS
UP TDBMFT TIFET WFIJDMFT PS PUIF

(f) milking animals by hand or using milking
NBDIJOFT

H NJYJOH GFFE BEEJUJWFT BOE NF
scribed portions and distributing or hand-
GFFEJOH UP BOJNBMT GPS DPOTVNQ
duction, such as breeding, arti cial insemi-
OBUJPO BOE IFMQJOH XJUI BOJNBM

(i) maintaining and operating farm buildings,
NBDIJOFSZ FRVJQNFOU BOE TUSVDU

(j) slaughtering and skinning animals and pre-
QBSJOH UIFN GPS NBSLFU

(k) storing and carrying out some processing of
BOJNBM BOE EBJSZ QSPEVDF

(l) performing and contracting primary, post-
ranging the sale, purchase and transporta-
NBJOUBJOJOH BOE FWBMVBUJOH SFD

N USBJOJOH BOE TVQFSWJTJOH XPSLFST JO EFHUX SNLFSTOTHJ TOFBOPJNBMJDLT BOE
care procedures, maintenance duties and health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classi ed here:
Cattle farmer
%BJSZ GBSNFS
%PH CSFFEFS
%SPWFS
(PBU GBSNFS
Horse breeder
Shearer
Sheep farmer
Shepherd
4UPDLNBO XPNBO

Some related occupations classi ed elsewhere:
"HSJDVMUVSBM QSPEVDUJPO 8PSLFST
3BODI NBOBHFS o

Note
8PSLFST XIP QSPEVDF B DPNCJOBUJPO PG EPNFTUJD MJWF
stock and other animals such as poultry, insects and non-domesticated animals should be classi ed according to UIFJS QSFEPNJOBOU BDUJWJUZ 5IFZ TFMFDU BOE USFBU
hay and other fodder for later consumption, primarily by MJWFTUPDL GPS XIJDI UIFZ BSF SFTQPOTJCMF BSF DMBTTJmFE JO
6OJU (SPVQ -JWFTUPDL BOE %BJSZ 1SPEVDFST

breeding, arti cial insemination and hatching
PG FHHT
I SFOUJOH PS JOWFTUJOH JO BOE N
DMFBOJOH GBSN CVJMEJOHT NBDIJO
NFOU BOE TUSVDUVSFT
(i) slaughtering and dressing poultry for sale or
EFMJWFSZ UP NBSLFU
(j) storing and carrying out some processing of
QSPEVDF
(k) arranging the sale, purchase and transporta-
UJPO PG TUPDL QSPEVDF BOE TVQQ
M USBJOJOH BOE TVQFSWJTJOH XP
production procedures, maintenance duties and health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classi ed here:
Poultry breeder
Poultry farmer
Poultry tender

Note
8PSLFST XIP QSPEVDF B DPNCJOBUJPO PG EPNFTUJD MJWF
stock and other animals such as poultry, insects and non-domesticated animals should be classi ed according
UP UIFJS QSFEPNJOBOU BDUJWJUZ

Unit Group 6122
Poultry Producers

Poultry producers plan, organize and perform farming operations to breed and raise chickens, turkeys, geese, ducks and other poultry to produce meat, eggs and breeding stock for sale or
EFMJWFSZ UP XIPMFTBMF CVZFSTBTTPDJBUJPOT PSHBO
izations or at markets.
5BTLT JODMVEF o
B NPOJUPSJOH NBSLFU BDUJWJUZ BOE
coordinating production accordingly, and
NBJOUBJOJOH BOE FWBMVBUJOH
GBSNJOH BDUJWJUJFT
(b) growing and purchasing feed and other supplies needed to maintain appropriate nutri-
UJPOBM MFWFMT BOE DPOEJUJPOT PG
D NPOJUPSJOH BOE FYBNJOJOH
illness, injury or disease and to check physical condition such as rate of weight gain, and re-
NPWJOH XFBL JMM BOE EFBE QPVMUSZ
E NJYJOH GFFE BOE GFFE
GFFE BOE XBUFS DPOUBJOFST
F WBDDJOBUJOH QPVMUSZ
UJPO PS EVTUJOH PG BJS
(f) collecting and storing eggs and packaging
UIFN GPS TBMF PS EFMJWFSZ

Unit Group 6123
Apiarists and Sericulturists

"QJBSJTUT BOE TFSJDVMUVSJTUT QMBO
perform operations to breed, raise and tend insects such as honey bees, silkworms and other
TQFDJFT UP QSPEVDF IPOFZ CF
PUIFS QSPEVDUT GPS TBMF PS EFMJWFS
buyers, marketing organizations or at markets.
5BTLT JODMVEF oPSHBO
B NPOJUPSJOH NBSLFU BDUJWJUZ BOE
determining kinds and amounts of insect
QSPEVDUT UP QSPEVDF BOE QMBOOJOH BOE DP-
PSEJOBUJOH QSPEVDUJPO BDDPSEJOH
(a) purchasing insects and growing or pur-
DIBTJOH GFFE BOE PUIFS TVQQMJFT
(c) breeding, raising and tending insects and col-
MFDUJOH UIFJS QSPEVDUT
D NPOJUPSJOH BOE FYBNJOJOH
BOE TUSVDUVSFT
(e) storing and carrying out some processing of
QSPEVDF
(f) arranging the sale, purchase and transportation of stock, produce and supplies,
GBSNJOH BDUJWJUJFT
H USBJOJOH BOE TVQFSWJTJOH XPS
UJPO PS EVTUJOH PG BJS
UIFN GPS TBMF PS EFMJWFSZ

health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classi ed here:
"QJBSJTU
Sericulturist

Unit Group 6129
Animal Producers Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST NBSLFU QSPEVDFST OPU DMBTTJmFE FMTFXIFSF BOE JODMVEFT QSPEVDFST XIPTF BDUJWJUJFT BSF QBSU PG NJYFE DSPQ BOE BOJNBM QSPEVDFS PQFSBUJPOT "OJNBM 1SPEVDFST 'PS JOTUBODF BOE TUSBJOJOH BOE TVQFSWJTJOH XPSLFST JO BOJNBM DBSF QSPDFEVSFT BOE IBOEMJOH BOJNBMT BOE BOJNBM QSPEVDF includes those engaged in breeding, raising and tending non-domesticated mammals, game and PUIFS CJSET FYDFQU QPVMUSZ health and safety precautions PUIFS SFQUJMFT BT XFMM BT WBSJPVT JOTFDUT BOE BOJ NBMT VTFE GPS MBCPSBUPSZ Examples of the occupations classified here: on a regular basis to wholesale buyers, marketing organizations, zoos and circuses, or at markets.

*O TVDI DBTFT UBTLT XPVME JOCBNM VCEJTE o CSFFEFS
B NPOJUPSJOH NBSLFU BDUJWJUJFT Ostrich farmer DPOEJUJPOT
determining kinds and amounts of products to produce, and planning and coordinating
QSPEVDUJPO BDDPSEJOHMZ Some related occupations classi ed elsewhere:
C SBJTJOH GFFEJOH BOE UFOEJOH PG BOJNBMT
D NPOJUPSJOH BOE FYBNJOJOH BOJNBMT GPS EFUFDU
illness, injury or disease, and to check phys-
JDBM DPOEJUJPO TVDI BT SBUJP VPMVSZ FJCSFFEJOH

Minor Group 613
Mixed Crop and Animal Producers

.JYFE DSPQ BOE BOJNBM QSPEVDFST JODMVEFT mFMET USFF BOE WBSJFUZ PG BOJNBM PQFSBUJPOT marketing organizations or at markets.

5BTLT QFSGPSNFE VTVBMMZ JOEJWJEVBMMZ BOE JO HSPVQT JOWPMWFE JO QSPEVDJOH kinds and amounts of crops to be grown and animals to be raised, and planning and coor-
EJOBUJOH QSPEVDUJPO BDDPSEJOHMZ PQFSBUJPOT TVDI BT MBOE QSFQBSBUJPO CBTJD TPJM QSPDFTTJOH QSFQBSJOH TPJMT GPS QMBOUJOH BOE MJMMJOH BOE TLJOOJOH BOJNBMT PS JOWFTUJOH JO BOE NBJOUBJOJOH BOE FWBMVBUJOH TPJM DPOEJUJPOT TUSVDUVSFT TUPSJOH BOE DBSSZJOH QSPEVDUT BSSBOHJOH UIF TBMF QVSDIBTF BOE SFOUBM PG BOJNBMT BOE NBJOUBJOJOH BOE FWBMVBUJOH TPJM DPOEJUJPOT QFSGPSNJOH XPSLFST JO BOJNBM DBSF QSBDUJDFT BOE IBOEMJOH BOJNBM QSPEVDF cautions, and hiring and discharging workers and contractors.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF TIFQIFSEJOH BOE JOVP UIF GPM

Unit Group 6130

Mixed Crop and Animal Producers

.JYFE DSPQ BOE BOJNBM QSPEVDFSTS QMBOU BOE BOJNBM [PPQFSWJTJOH XP
and perform farming operations to grow and IBSWFTU mFME USFF BOE WBSJPVT TQFDJBMUZ DSPQT BT XFMM
as to breed, raise and tend animals and to pro- EVDF B WBSJFUZ PG BOJNBM IVTCBOESZ QSPEVDUT GPS
TBMF PS EFMJWFSZ UP XIPMFTBMFST PS UP WFSZ DMPTF
organizations or at markets.

5BTLT JODMVEF o

B NPOJUPSJOH NBSLFU BDUJWJUZ BOE DPOEJUJPOT
determining kinds and amounts of crops to be grown and animals to be raised, and planning and coordinating production accord- JOHMZ

(b) purchasing seeds, fertilizer and other sup- QMJFT

(c) performing operations such as land prep- BSBUJPO BOE TPXJOH QMBOUJOH DVMUJWBUJOH BOE IBSWFTUJOH DSPQT

(d) producing or buying fodder and other food TVQQMJFT

F CSFFEJOH SBJTJOH BOE UFOEJOH BOJNBMT

(f) killing and skinning animals, and preparing BOJNBMT PS BOJNBM QSPEVDUT GPS NBSLFU

H SFOUJOH PS JOWFTUJOH JO BOE NBJOUBJOJOH BOE DMFBOJOH GBSN CVJMEJOHT NBD[JOFSZ FRVJQ NFOU BOE TUSVDUVSFT

(h) storing and carrying out some processing of QSPEVDF

(i) promoting and marketing products, arranging the sale, purchase and transportation

PG MJWFTUPDL QSPEVDF- BOE TVQQMJ
UBJOJOH BOE FWBMVBUJ-OH SFDPSET
JUJFT BOE USBOTBDUJPOT

care procedures, maintenance duties and health and safety precautions, and hiring and discharging workers and contractors.

Examples of the occupations classified here

'BSNFS NJYFE GBSNJOH
4LJMMFE GBSN XPSLFS NJYFE GBS

Some related occupations classi ed elsewhere:

"HSJDVMUVSBM QSPEVDUJPO NBOB
1MBOUBUJPO NBOBHFS o
.JYFE GBSN MBCPVSFS o

Notes

Farmers and other skilled agricultural workers whose UBTLT QSFEPNJOBOUMZ JOWPMWF FJUIFS SBJ
HSPXJOH DSPQT CVU BMTP JOWPMWF TPNF JOD
JO DSPQ HSPXJOH PS UFOEJOH BOJNBMT SI
OPU CF JODMVEFE JO 6OJU (SPVQ .JYFE
"OJNBM 1SPEVDFST 'PS FYBNQMF B GB
cattle for the market but also spends a small amount
PG UJNF HSPXJOH HBSEFO WFHFUBCMFT TIPVM
VO 6OJU (SPVQ -JWFTUPDL BOE %BJSZ 1
Similarly, a wheat farmer who keeps a small number of chickens and other farmyard animals should be classi ed
JO 6OJU (SPVQ 'JFME $SPQ BOE 7FHFUBCMF
8PSLFST PO NJYFE GBSNT XIP TQFDJBMJ[F J
or animal production for the market should be classi ed
JO UIF SFMFWBOU VOJU HSPVQ JO .JOPS (SPVQ
(BSEFOFST BOE $SPQ (SPXFST PS "OJNBM 1
as appropriate.

Sub-ma~or Group 62

Market-oriented Skilled Forestry, Fishery and Hunting Workers

.BSLFU PSJFOUFE TLJMMFE GPSFTUSZ BOmTIFSZ OBUJPOE BWOGEUQOEGXPPSSNL
PQFSBUJPOT UP DVMUJWBUF DPOTFSWBUPOBOG PFSYRQTMUPTJU COSBFUFVES BBMOIBC
mTI IBSWFTU BOE DBUDI mTI BOE PVSOEUFBMOWFUSSZBRQOBBOSNFEMMTBSGPS
to wholesale buyers, marketing organizations or at markets. Competent performance in most
PDDVQBUJPOT JO UIJT TVC NBKPS HOSIPV*Q4SOFRVJSMFMT NTEJWFNMT BU UIF

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTTEFVCSFNOBUKPOSHHFSSPVJQOWFTTUBJMOM
JO FRVJQNFOU BOE NBDIJOFSZ BOEE QVOSEDFSBUBJJOIEHTGRQSQFMTJUFSTZ
BRVBDVMUVSF mTIFSZ BOE IVOUJOH FIQFSUBBUJOIPOT NNBEDJIOJOBFJSOZJOBHOE
PUIFS FRVJQNFOU EFMJWFSJOH PSBONEBSUSFBUJOIOEHQFSUPIEFVSDXUPSLFVSQ

0DDVQBUJPOT JO UIJT TVC NBKPS HBRVJQHBNSJFODPMSBHTFBMGE JOUP UIF

621 Forestry and Related Workers

622 Fishery Workers, Hunters and Trappers

Note

+PCT TIPVME CF DMBTTJmFE JO 4VC NBKPSPTS ('SIFVRQST)4WOCUFSTUFBOOEF ('BUSIFSFST
when goods (mostly food) are produced mainly for own consumption or for consumption by other members of the worker s household. If a large surplus is produced, and more goods are sold than consumed,
CVU UIF NBJO BJN PG QSPEVDUJPO XBTPVMXE OFOTVSNQIUFJMPOT TUOFFKEOMTBTTJmFE
4VC NBKPS (SPVQ +PCT TIPVME POM(ZSFCVFQDTMBTT.JmSFLEF UOPSVCONUBKE S4LJMMFE
"HSJDVMUVSBM 8PSLFST PS .BSLFUTPSSJZFOBOEE)4DUMOMHEBPSSLFTTUSJZG UIF NBJO
BJN PG UIF BDUJWJUZ JT UP QSPEVDF HPPET GPS UIF NBSLFU

Minor Group 621

Forestry and Related Workers

'PSFTUSZ BOE SFMBUFE XPSLFST QMBOOPTSUHBDVJMFUBJOWEBUQIFSDGPSNTFSQWFS
FYQMPJU OBUVSBM BOE QMBOUBUJPO GPSFTUT

5BTLT QFSGPSNFE VTVBMMZ JODJMPVDE FT FBMTFTDFUTJTQJOHTFHEMJOGH
QMBOUJOH USEFT VSJOH NBOVBM QMBCBUSJJOHH UGPSMGPSBFOTEU FTTUBBDEMTJ
DBUJOH USEFT UP CF GFMMFE BOE BTUJOINBDIJBOJHO TWBPXMBVONEF PPUGIFUSJNQCPXS
TBXT UP UIJO ZPVOH GPSFTU TUBOEBX UUSJFNJ JUOPUQP BMOPEHCFMTMBQSGHTSBPV
XPPEFO QSPEVDUT GSPN MPHT BU BMGPBMEMJOOHHUTFUNFJCTUDBVDUJFOHPMPHTBB
UIFN EPXO SJWFST LFFQJOH XBUDIBUJPJGEHFUJFOD bmSGPmSHFITUUJOmHSPTQFQSBSJU
DPNQMFUJOH mSFmHIUJOH SFQPSUT BGEFUNBDJPOBSOMOMHJOmHSPXmFHEUJBGH
VOEFSHSPXUI JO SFHFOFSBUJOH GOPESFTTUNJDIBMOTE TPQVFTJBOUHJONHBOVI
NBJOUBJOJOH B TLJEEFS CVMMEP[FS VPSSPJUFIUFZS QSGJNDBNSPJWmFDSBUJPJR
TJUF QSFQBSBUJPO FRVJQNFOU PWUFJSOBSTFBTEUDPPCOFTSFOSVOGSBOSVEBSE
BTTJTUJOH JO QMBOUJOH TVSWFZT BOQESBUSJEJCTH UJSSBFJFOJGOPSBTOVEC TVF
WJTJOH PUIFS XPSLFST JO GPSFTUSMZ BQPSVSDFFSETVSBEE QUMDBMUVEPJQOFHSBG

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSOEJDUMHBSTFVQFE JOUP UIF GPM

6210 Forestry and Related Workers

Unit Group 6210

Forestry and Related Workers

Forestry and related workers plan, organize and QFSGPSN PQFSBUJPOT UP DVMUJWBUF DmPSBOTFSUWF PBOEFSaWS to ploit natural and plantation forests.

5BTLT JODMVEF o

(a) assessing sites for reforestation, selecting seedlings and planting trees using manual planting tools and establishing and caring GPS GPSFTU TUBOET

(b) locating trees to be felled and estimating WPMVNF PG UJNCFS

(c) operating chainsaws and other power saws to thin young forest stands, trim, top and fell USFFT BOE TBX UIFN JOUP MPHT

(d) shaping rough wooden products from logs at GFMMJOH TJUF

(e) stacking logs and loading them in chutes or nPBUJOH UIFN EPXO SJWFST
(f) keeping watch to detect forest res, participating in re ghting operations, completing fire fighting reports and maintaining fire mHIUJOH FRVJQNFOU
(g) controlling weeds and undergrowth in regenerating forest stands using manual tools and DIFNJDBMT
(h) operating and maintaining a skidder, bulldozer or other machinery used to clear land PS PUIFS QSJNF NPWFS UP QVMM B WBSJFUZ PG TDBSJmDBUJPO PS TJUF QSFQBSBUJPO PWFS BSFBT UP CF SFHFOFSBUFE
(i) collecting seed cones, pruning trees, assisting JO QMBOUJOH TVSWFZT BOE NBQQJOH TUBOET TVCTFRVFOU PQFSBUJPOT
K USBJOJOH BOE TVQFSWJTJOH forestry procedures, including forestry labourers and plant operators.

Examples of the occupations classi ed here:
Charcoal burner
Logger
Logging climber
Skilled forestry worker
5JNCFS DSVJTFS
5SFF GFMMFS
Some related occupations classi ed elsewhere:
'PSFTUSZ UFDIOJDJBO o
'PSFTUSZ MBCPVSFS o

Minor Group 622
Fishery Workers, Hunters and Trappers

'JTIFSZ XPSLFST IVOUFST BOE USBQQFST TUBOE FDFEUBOE mTIBJEFEmTIJOUE BOE USBQ BOJNBMT GPS TBMF PS FYDIBOHF BU MBOEJOH TUBHFT PS NBSLFUT
izations or at markets.

5BTLT QFSGPSNFE VTVBMMZ JOEJWJEVBMMZ PS JO DPNCJOBUJPO XJUI PUIFS XPSLFST PUIFS GPSNT PG BRVBUJD MJGF BTTJTUJOH XJUI TQBXOJOH BOE UPQJOH FOWJSPONFOUT UP FOTVSF OPSNBM SFQSPEVDUJWF HSPXUI BOE IFBMUI PG TUPDLT BOE TQFDJFT TVDI BT TIJQNFOU SFDPSEJOH PS JOWFTUJHBUJOH DBVTBM BOE PUIFS FQJTPEFT PG EJTFBTF BOE QSFQBSJOH BOE FYIJCJUJOH TQFDJNFOT GPS TDJFOUJmD PS FEVDBUJPOBM QVSQPTFT
FSBUJOH mTIJOH WFTTFMT UP GSPTFBTPOBM PS QFSNBOFOU XBUFST JO mTIJOH HFBS TFUUJOH USBQT UP TDBUUFS GPPE BOE BUUSBDU mTI QSPEVDUT TVQFSWJTJOH BOE USBJOJOH PUIFS XPSLFST

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFT JOUP UIF GPM

6221 Aquaculture Workers
6222 Inland and Coastal Waters Fishery Workers
6223 Deep-sea Fishery Workers
6224 Hunters and Trappers

Unit Group 6221
Aquaculture Workers

"RVBDVMUVSF XPSLFST CSFFE BRVBUJD BOJNBMT PG mTI PS TIFMMmTI GPS TBMF PS FYDIBOHF BU MBOEJOH TUBHFT PS BU NBSLFUT

5BTLT JODMVEF o
B CSFFEJOH SBJTJOH- BOE DBSJOH GPS TQFDJBM TUPDLT PG mTI PS TIFMMmTI TFMT PZTUFST BOE PUIFS GPSNT PG BRVBUJD MJGF GPS TBMF PS FYDIBOHF BT DBTI DSPQT PS GPS SFMFBTF JOUP GSFTIXBUFS IBCJUBUT
PS TBMUXBUFS
(b) collecting and recording growth, production BOE FOWJSPONFOUBM EBUBI EFMJWFSJOH PS NBSLFUJOH QSPEVDU
D DPOEVDUJOH BOE TVQFSWJTJOH TU UJPOT JO PSEFS UP JEFOUJGZ EJTFBTFT
E NPOJUPSJOH FOWJSPONFOUT UP F
(f) MJWFTUPDL and environmental conditions for spawning of fish, egg incubation and fry rearing, applying knowledge of management BOE mTI DVMUVSJOH UFDIOJRVFT
(f) cleaning, freezing, icing or salting catch on board shore, and preparing fish and other QSPEVDUT GPS TIJQNFOU
(g) maintaining buildings, tanks, machinery, CPBUT BOE PUIFS FRVJQNFOU

J SFOUJOH PS JOWFTUJOH JOGSVDUVSF (boats, buildings) FRVJQNFOU and machinery, and purchasing food and PUIFS TVQQMJFT

K TVQFSWJTJOH BOE USBJOJOH PUIFS Some related occupations classi ed elsewhere: sh hatchery support workers.

Examples of the occupations classi ed here:
"MHBF DVMUJWBUPS
Fish farmer
Oyster farmer
1FBSM DVMUJWBUPS
Seafood farmer
Skilled sh farm worker
Skilled seafood farm worker

Some related occupations classi ed elsewhere:
"RVBDVMUVSF QSPEVDUJPO NBOBHFST
"RVBDVMUVSF MBCPVSFS

Unit Group 6222
Inland and Coastal Waters Fishery Workers

Inland and coastal waters shery workers, alone PS BT NFNCFST PG mTIJOH WFTTFMT DSFXT DB PS HBUIFS PUIFS GPSNT PG BSSBOHFNFOU GPS TBMF PS EFMJWFSZ UP XIPMFTBMF basis to wholesale buyers, marketing organizations or at markets.

5BTLT JODMVEF
(a) preparing and repairing nets and other mTIJOH HFBS BOE FRVJQNFOU
(b) selecting areas for shing, plotting courses BOE DPNQVUJOH OBWJHBUJPOBM QPTJUJPOT
D PQFSBUJOH GJTIJOH WFTTFMT
mTIJOH HSPVOET
(d) baiting, setting, operating and hauling in mTIJOH HFBS CZ IBOE PS WTJOH IPJTUJOH FRVJQ NFOU
F HBUIFSJOH WBSJPVT GPSNT PG BRVBUJD MJGF GSPN TIPSFT BOE TIBMMPX XBUFST
(f) maintaining engine shing gear and other PO CPBSE FRVJQNFOU
(g) keeping records of transactions, shing ac- UJWJUJFT BOE XFBUIFS BOE 'JTIFSJFT MBXT BOE FTUJNBUJOH DPTUT BOE CVEHFUT
(h) sorting and storing catch in holds with salt BOE JDF
J SFNPWJOH DBUDIFT GSPN mTIJOH FRVJQNFOU measuring them to ensure compliance with legal size and returning undesirable or illegal DBUDIFT UP UIF XBUFST
K EJSFDUJOH mTIJOH PQFSBUJPOT shing crew members.

Examples of the occupations classi ed here:
Coastal shery skipper

Some related occupations classi ed elsewhere:
'JTIJOH PQFSBUJPOT NBOBHFS
%FFQ TFB mTIFS
0ZTUFS EJWFS
'JTIFSZ MBCPVSFS

Unit Group 6223
Deep-sea Fishery Workers

%FFQ TFB mTIFSZ XPSLFST BT TLJQQFS keting organizations or at markets.

5BTLT JODMVEF
(a) preparing and repairing nets and other mTIJOH HFBS BOE FRVJQNFOU
C DPNNBOEJOH BOE PQFSBUJOH UP GSPN BOE BU EFFQ TFB mTIJOH
(c) determining areas for shing, plotting courses PS BT NFNCFST PG mTIJOH WFTTFMT DSFXT BOE PUIFS GPSNT PG BSSBOHFNFOU GPS TBMF PS EFMJWFSZ UP XIPMFTBMF
(d) baiting, setting, operating and hauling in mTIJOH HFBS CZ IBOE PS WTJOH IPJTUJOH FRVJQ NFOU
F EJSFDUJOH mTIJOH PQFSBUJPOT DSFX BDUJWJUJFT
G SFDPSEJOH mTIJOH QSPHSFTT BOE TIJQ T MPH
(h) cleaning, freezing, icing or salting catch on- TIJQCPBSE BOE BU TFB
J TFMFDUJOH BOE USBJOJOH WFTTF

Examples of the occupations classi ed here:
%FFQ TFB mTIFS
5SBXMFS TLJQQFS

Some related occupations classi ed elsewhere:
'JTIJOH PQFSBUJPOT NBOBHFS
$PBTUBM mTIFSZ TLJQQFS
'JTIFS DPBTUBM XBUFST
'JTIFSJFT DPNNBOE PDDVQBUJPOT
'JTIFSZ MBCPVSFS

Unit Group 6224
Hunters and Trappers

Hunters and trappers catch wild animals, birds or reptiles mainly for meat, skin, feathers BOE PUIFS QSPEVDUT GPS TBMF PS EFMJ ular basis to wholesale buyers, marketing organizations or at markets.

5BTLT JODMVEF o

(a) setting traps to catch mammals, birds or reptiles

(b) killing trapped or free mammals, birds or reptiles with firearms or other means

(c) skinning and otherwise treating killed mammals, birds or reptiles to obtain desired products

E EFMJWFSJOH PS TFMMJOH USBQQ
CJSET PS SFQUJMFT

F SFQBJSJOH BOE NBJOUBJOJOH FRV

Examples of the occupations classified here:

Fur trapper
Seal hunter

Sub-ma~or Group 63

Subsistence Farmers, Fishers, Hunters and Gatherers

4VCTJTUFODF GBSNFST mTIFST IVOUFSTH BOEFMIEUPSSUSTFH BPXE BTOEVIGSD S
WFHFUBCMFT BOE GSVJU HBUIFSSXQJNMEEOGTVJUCTEBPSEIWGFUEJBDOJONB
BOE DBUDI mTI BOE HBUIFS WBSJPVTUGPPSNFWPJGEBRGVPEPUEJDTMFJMGUFSOBOSG
TPNF DBTFT B NJOJNVN PG DBTI JODPNFFGPSMEUTFSNFQMFWUFTOBJOEFUSIGFS
NBODF JO NPTU PDDVQBUJPOT JO UIJTTBVC UNEFKPSDHPSOEV4SGFRTVJSMFMT TE

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTEFVCQSNBQSJOHSPVQF VTTPVBMM
TPXJOH QMBOUJOH UFOEJOH BOE IBSFWBTUJFTH GSFWJEU DBSOPEQPU HFSSPXU
BOE TISVC DSPQT HBUIFSJOH XJMEQMBOUT OBSOVUT CBSOFEENJOEHUDUJOOBEMJOBHO EB
GFFEJOH BOJNBMT BOE QPVMUSZ NBJOBJMSZ UPPJDRUSBJPOJNFSBQSFEHDTUT
IVOUJOH PS USBQQJOH BOJNBMT DBRUSDNJTOHGmBTRVBBOUEJDHBMJGFSJOGHUPDJ
XBUFS BOE HBUIFSJOH mSFXPPE TUDPSSJSOZHJQSPPEVJDTFPSNFSQMSBDFSTVTC
PG QSPEVDF CVJMEJOH BOE NBJOUBJLOOHHUIPPVMTF T DBMOPEUPFUTIFS
VUFOTJMT GPS VTF CZ UIF IPVTFIPME EUTFBMUMJMOHBMS NCBSSLEUFTJOH

0DDVQBUJPOT JO UIJT TVC NBKPS HBSRVQHBSJFODPNBHTFWQE JOUP UIF

631 Subsistence Crop Farmers

632 Subsistence Livestock Farmers

633 Subsistence Mixed Crop and Livestock Farmers

634 Subsistence Fishers, Hunters, Trappers and Gatherers

Notes

+PCT TIPVME CF DMBTTJmFE JO 4VC NBKPS (SPVQ)AWCUTFSTUFBCODEF ('BSIFSFST
when goods (mostly food) are produced mainly for own consumption or for consumption by other mem-
bers of the worker s household. If a large surplus is produced, and more goods are sold than consumed,
CVU UIF NBJO BJN PG QSPEVDUJPO XBT TGIPSVMPXCOOEWEFSUVNFQMUFJTPTO CEUIEMKBPTCTJmFE J
4VC NBKPS (SPVQ +PCT TIPVME POMZSPCVFQDTMBTTJmFE UOPSSVCONBKPS4LJMMFE
"HSJDVMUVSBM 8PSLFST PS .BSLFUTPSSJZEBOEE)VDUMMHEBPSSLFSTUSJZG UIF NBJO
BJN PG UIF BDUJWJUZ JT UP QSPEVDF HPPET GPS UIF NBSLFU

+PCT BSF BMTP DMBTTJmFE JO 4VC NBKPSE(SPWQZ GPXSIPXCHDPPET VENSQFUQPSO PS
GPS DPOTVNQUJPO CZ NFNCFST PG UIFTXPSLFSNTF IPSVTGEBSMUFSEOEH OF DEWPMWF

Minor Group 631

Subsistence Crop Farmers

4VCTJTUFODF DSPQ GBSNFST HSPX BCOED SBSQVWFTWUFhmFUMEECMSTUSBDE EGOSE
JO PSEFS UP QSPWJEF GPPE TIFMUFBGBOEBTJOOTDPPNFFDGBPTSFTUIBNNTJFOMJW
and their households.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF QQMSBFOQUBJSOJHOH UJFFOETPOM EBOEE TI
WFTUJOH mFME DSPQT HSPXJOH WFEHTFUSBVCOMDSTPQSTVGUFUBDDIECPHUXFBSUE
BOE HBUIFSJOH mSFXPPE TUPSJOPHNFGQSPMDBTUTJSOHVTPG BQSEEDVBDS
CVJMEJOH BOE NBJOUBJOJOH IPVTFTTBOEMPUIFTBTOEMVUFSOTJNBTLJGOPHS
CZ UIF IPVTFIPME TFMMJOH PS CBSSULFSNJOH TPNF QSPEVDUT BU

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSVOEJDUMHBSTFWQE JOUP UIF GPM

6310 Subsistence Crop Farmers

Unit Group 6310

Subsistence Crop Farmers

4VCTJTUFODF DSPQ GBSNFST HCSPXSBOEOHBSWWFHTFUUBnCFMMET GSVJU BOE F
PS USFF BOE TISVC DSPQT WFHTFUSBVCMDFSTPRQTE GSVJU JO
PSEFS UP QSPWJEF GPPE TIFMUDFSGBFOUEIJOHTPXNBFUEBSTBFOE HBUIFSJOH
B NJOJNVN PG DBTI JODPNF (a) Subsistence crop farmers are engaged in
their households.

5BTLT JODMVEF o

(a) preparing the soil and sowing, planting,
UFOEJOH BOE IBSWFTUJOH mFME DSPQ

(d) Subsistence crop farmers may be engaged in carrying out some
QSPDFTTJOH PG QSPEVDF

(e) building and maintaining houses and other TIFMUFST
(f) making tools, clothes and utensils for use by UIF IPVTFIPME
(g) selling or bartering some products at local markets.

Examples of the occupations classi ed here:
Subsistence crop farmer
Subsistence gardener
4VCTJTUFODF WFHFUBCMF HSPXFS DUJPO PG PUIFST BSF DMBTTJmFE JO HSPVQ JO 4VC NBKPS (SPVQ "HSJDVM and Fishery Labourers.

Some related occupations classi ed elsewhere:
$SPQ GBSN MBCPVSFS o
'JSFXPPE DPMMFDUPS o
8BUFS DPMMFDUPS o

Note
Workers in a subsistence setting whose main tasks are fetching water and gathering firewood are classified JO 6OJU (SPVQ 8BUFS BOE 'JSFXPPE $PM
Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually under

Minor Group 632
Subsistence Livestock Farmers

4VCTJTUFODF MJWFTUPDL GBSNFST OCS EES SUBJ TQSPWJEF GPPE BOE JO TPNF DBTFT B NJOJNVN PG DBUIF JS DIPNVFT GPPMEETF NTFMWFT

5BTLT QFSGPSNFE WTVBMMZ JODMVEF HDWHSBJWOBHUJODBHOEETTUBVCSE TNPS UPSJOH GFFE BOE XBUFS TVQQMJFT MJWFTUPDL NNBJOUBJOJOH CBOJEU BNJOJOH BOJNBMT UP EFUFDU JMMFDFLTQIZTJDWBSZDPSOEJUJFBTOF HBSDPE BOE NBSLJOH BOJNBMT BOE TIFBSJOHSEPHTPSMEBMWJFST UP QBTUVSFT HSB[JOH MBOE BOE XGBFUFESJOWQBOMEJNTJMSBOTHJBOHJNUEMO ESBJOJOH CMPPE GSPN UIFN CSFFEJONHMCJNSBUT BTOVEBMHMQFSHOXUBIO TLJOOJOH BOJNBMT BOE QSFQBSJOH VNQUBPE PSFJSMQSPDBVSZJGH PVU TPNF QSPDFTTJOH PG BOJNBM QHSPEWDFUT BOE JMEJFSHTBFMEUNS NBLJOH UPPMT DMPUIFT BOE VUFOTUJMTJGPSXBUFSZBUE IPBVFSM mSFXPPE CVZJOH CBSUFSJOH BOE TTFMMJOH BOJNBMT BOE TPN

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSFVQFE JOUP UIF GPM

6320 Subsistence Livestock Farmers

Unit Group 6320
Subsistence Livestock Farmers

4VCTJTUFODF MJWFTUPDL GBS UFOE MJWFTUPDL JO PSEFS and, in some cases, a minimum of cash income GPS UIFNTFMWFT BOE UIFJS 5BTLT JODMVEF o
B DVMUJWBUJOH QBTUVSFTT lands, and monitoring feed and water supplies OFFEFE UP NBJOUBJO DPOE
C NPOJUPSJOH BOE FYBNJOJOH illness, injury or disease, and to check physJDBM DPOEJUJPO
(c) grooming and marking animals and shearing DPBUT UP DPNNFDU IBJS PS XPPM
E IFSEJOH PS MFBEJOH HSB[JOH MBOE BOE XBUFS TV
(e) raising, tending, feeding and milking aniNBMT PS ESBJOJOH CMPPE GSPN UIFN
(f) breeding animals and helping with animal CJSUIT
(g) slaughtering and skinning animals and preparing them and their products for consumpUJPO PS TBMF
(h) carrying out some processing of animal UFOE MJWFTUPDL JO PSEFS
(i) building and maintaining houses and other TIFMUFST
(j) making tools, clothes and utensils for use by UIF IPVTFIPME
L GFUDIJOH XBUFS BOE HBUIFSJOH
(k) buying, bartering and selling animals and some products

Some related Occupations classi ed elsewhere:
.JYFE DSPQ BOE MJWFTUPDL GBSN
8BUFS BOE mSFXPPE DPMMFDUPST o

Example of the occupations classi ed here:
Subsistence cattle farmer

Note
Workers in a subsistence setting whose main tasks are fetching water and gathering rewood are classi- mFE JO 6OJU (SPVQ 8BUFS BOE 'JSFXPPE $PMMFD tors. Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually under UIF EJSFDUJPO PG PUIFST BSF DMBTTJmFE JO HSPVQ JO 4VC NBKPS (SPVQ "HSJDVM and Fishery Labourers.

Minor Group 633
Subsistence Mixed Crop and Livestock Farmers

4VCTJTUFODF NJYFE DSPQ BOE MJWFTUPDL GBSNFST BSF TLJMMFE XPSLFST XIP QSPEVDF B WFHFUBCMFT BOE GSVJU HBUIFS XJMEMZ HSPXO DSPQT BOE PS DBUDI mTI BOE HBUIFS XBUFS QMBOUT BOE PS SBJTF BOJNBMT GPS GPPE BOE JO TPNF DBTFT B NJOJNVN PG DBTI JODPNF JT SFRVJSFE UIFNTFMWFT BOE

5BTLT QFSGPSNFE VTVBMMZ JODMVEF QMBOUJOH UIF TPJM BOE TPXJOH PG TFFET XFFEJOH mFME DSPQT HSPXJOH WFHFUBCMFT BOE GSVJUT BOE NFEJDJOBM BOE PUIFS QMBOUT NBJOUBJOJOH GBMMPX BOE NBSLFU HBSEFO QSPEVDF GPS NBSLFU BOE PS TVCTJTUFODF BOE NBJOUBJOJOH IPVTFT BOE PUIFS TIFMUFST TUPSJOH QSPEVDUT BU MPDBM

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBVHF JDMVEF GBSNFST QSPEVDJOH GPM

6330 Subsistence Mixed Crop and Livestock Farmers

Unit Group 6330
Subsistence Mixed Crop and Livestock Farmers

4VCTJTUFODF NJYFE DSPQ BOE IBSWFTU mFME PS TUSFFU WFHFUBCMFT BOE GSVJU- EJDJOBM BOE PUIFS QMBOUT BOE PS DBUDI mTI BOE HBUIFSJOH BRVBUJD MJGF JO PSEFS UP QSPWJEF GPPE UIFNTFMWFT BOE UIFJS IPVTFIPME TFMMJOH PS CBSUFSJOH TPNF QSPEVDUT BU MPDBM

5BTLT JODMVEF o

(a) preparing the soil and sowing, planting, UFOEJOH BOE IBSWFTUJOH mF
C HSPXJOH WFHFUBCMFT GSVJU BOE PUIFS TISVC DSPQT
(c) gathering wild fruits and medicinal and other QMBOUT
(d) breeding, tending and feeding animals and poultry mainly to obtain meat, eggs, milk, IBJS TLJO PS PUIFS QSPEVDUT

F GFUDIJOH XBUFS BOE HBUIFSJOH mS
(f) storing produce for later use and carrying PVU TPNF QSPDFTTJOH PG QSPEVDF
(g) building and maintaining houses and other TUSVDUVSFT BOE
(h) making tools, notices and utensils for use by NF
(i) selling or marketing some products and PG mF

Examples of the occupations classi ed here:

.JYFE TVCTJTUFODF GBSNFS

Note
Workers in a subsistence setting whose main tasks are fetching water and gathering firewood are classified JO 6OJU (SPVQ 8BUFS BOE 'JSFXPPE $PM
Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually under UIF EJSFDUJPO PG PUIFST BSF DMBTTJmFE JO HSPVQ JO 4VC NBKPS (SPVQ "HSJDVM and Fishery Labourers.

Minor Group 634
Subsistence Fishers, Hunters, Trappers and Gatherers

Subsistence shers, hunters, trappers and gatherers gather wild fruits and medicinal and other QMBOUT JOUP BOE USBQ BOJNBMT GPS UIFJS IPVTFIPME BOE MJNJUFE BNPVOUT PG TVSQMVT QSPEVDF GPPE TIFMUFS BOE JODPNF GSPN UIFTF BOE PUIFS TJNJMBS BDUJWJUJFT their households.

5BTLT QFSGPSNFE VTVBMMZ JO DMVEF NHHEUDFSJBOHBXOJEMPUGSSVJQNTBC
IVOUJOH PS USBQQJOH BOJNBMT NBJOMZ UPPS PCUBJOJOH TOQNSPEEUVDNUTMGFBJDS
XBUFS BOE HBUIFSJOH mSFXPPE DBUDSINOTHPGTEBVBEJHBWJFGSFOTHUPSU
PS DBSSZJOH PVU TPNF QSPDFTTJONBHFOUBJOSOQHSPEWTDFT BOEMEJOF
TIFMUFST NBLJOH UPPMT DMPUIFTEPMEUTFOMMJOHGPSS OBSUCZSJOH
products at local markets.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSEJDUMBSFVQFE JOUP UIF GPM

6340 Subsistence Fishers, Hunters, Trappers and Gatherers

Unit Group 6340

Subsistence Fishers, Hunters, Trappers and Gatherers

Subsistence shers, hunters, trappers and gatherers HBUIFS XJME GSVJUT BOE NFEJDJOBMQMBOUT IVOU BOE USBQ BOJNBMT BOE 4VCTJTUFODF DPMMFDUPST WBSJPVT GPSNT PG BRVBUJD MJGF Subsistence Fisher food, shelter and, in some cases, a minimum of DBTI JODPNF GPS UIFNTFMWFT BOE UIFJS IPVTFIPMET

5BTLT JODMVEF o

(a) gathering wild fruits, roots and medicinal BOE PUIFS QMBOUT
(b) hunting or trapping animals mainly to obtain NFBU NJML IBJS TLJO PS PUIFS BOJNBM QSPEVDUT
(d) catching sh and gathering other forms of BRVBUJD MJGF
(e) storing or carrying out some processing of UIFJS QSPEVDF
(f) building and maintaining houses and other TIFMUFST
(g) making tools, clothes and utensils for use by UIF IPVTFIPME
(h) selling or bartering some products at local markets.

Examples of the occupations classi ed here:

Hunter-gatherer
Subsistence collector
4VCTJTUFODF GBSNFS
Subsistence sheller
Subsistence trapper

Some related occupations classi ed elsewhere:

4VCTJTUFODF DSPQ GBSNFS o
4VCTJTUFODF MJWFTUPDL GBSNFS o
-JWFTUPDL GBSN MBCPVSFS o
8BUFSDPMMFDUPS BOE TUPSBHF UBOLFS o
D GFUDIJOH XBUFS BOE HBUIFSJOH mSFXPPE DPMMFDUPST o

Note

Workers in a subsistence setting whose main tasks are fetching water and gathering firewood are classified JO 6OJU (SPVQ 8BUFS BOE 'JSFXPPE $PM
Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually under UIF EJSFDUJPO PG PUIFST BSF DMBTTJmFE JO HSPVQ JO 4VC NBKPS (SPVQ "HSJDVM and Fishery Labourers.

Ma~or Group 7

CRAFT AND RELATED TRADES WORKERS

Craft and related trades workers apply speci c technical and practical knowledge and skills
UP DPOTUSVDU BOE NBJOUBJO CVSJMEJOHT GPSUIFS NVMUJQMF VSQPTFT
PS NBLF mU NBJOUBJO BOE SFQBJSJOH CVJMEJOHT BOE TUSVDUVSFT
BOE QSPEVDF PS QSPDFTT GPPETUFGT PUIFSXJTF SFMBUFE QSPEVDUT
IBOEJDSBGU HPPETT $PNQFUFOU QFSGPSNJOH UBTLT JODMVEF
TLJMMT BU UIF TFDPOE *4$0 TLJMM MFWFM

5IF XPSL JT DBSSJFE PVU CZ IBOE BOEPXFS UPPMT BOE NBOVBM MBCPVS
SFEVDF UIF BNPVOU PG QIZTJDBM FGGPSU SFRVJSFE BOE UP JODSFBTF
UIF RVBMJUZ PG UIF QSPEVDUT 5IFJS UBTLT JOWPMWF B HPPE VOEFSTUBOEJOH PG UIF
process, the materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ DSBGU BOE SFMBUFE USBEFT XPSLFST JODMVEF
BOE SFQBJSJOH CVJMEJOHT BOE PUIFS TUSVDUVSFT XIJDI SFRVJSF
BOE FSFDUJOH IFBWZ NFUBM TUSVDUVSBM XPSL BOE JOWPMWF MBZJOH
FRVJQNFOU BOE PUIFS NFUBM BSUJDVMBUFE QSPEVDUT XIJDI SFRVJSF
DIJOF UPPMT mUUJOH NBJOUBJOJOH PS BEKVTUJOH NBDIJOFT BOE
BOE FMFDUSPOJD JOTUSVNFOUT BOE PUIFS QSFDJTJPO NFUBM XPSLFST
IPVTFIPME BOE PUIFS QSFDJPVT NFUBM XPSLFST
IBOEJDSBGUT FYFDVUJOH QSJOUJOH GPS QBSUJDVMBS UZQFT PG
NBEF PG XPPE UFYUJMFT MFBUIFS PS CPOF BOE SFMBUFE NBUFSJBMT
cluded. Self-employed craft and related trades workers, who operate their own businesses either
independently or with assistance from a small number of others, may also perform a range
of tasks associated with management of the business, account and record keeping and client
TFSWJDF BMUIPVHI TVDI UBTLT XPVLMFS EPFOUQFSGPSNFE BU NPSF ZUDFPXIQSSLJT

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTVFCDMVEBKTPTJmHFSEPVJQUP UIF GPM

- **71 Building and Related Trades Workers (excluding Electricians)**
- **72 Metal, Machinery and Related Trades Workers**
- **73 Handicraft and Printing Workers**
- **74 Electrical and Electronics Trades Workers**
- **75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers**

Sub-ma~or Group 71

Building and Related Trades Workers (excluding Electricians)

#VJMEJOH BOE SFMBUFE USBEFT XPSLFST TCDPNQSJTFT XPSLFST JO UIF DPOTUSVDUJPO
GPVOEBUJPOT XBMMT BOE TUSVDUVSFT BOE UIF TFUUJOH PG TUPOF CSJDL BOE PUIFS
for building and other purposes. Competent performance in most occupations in this sub-
NBKPS HSPVQ SFRVJSFT TLJMMT BU UIF TFDPOE *4$0 TLJMM MFW

5IF XPSL JT DBSSJFE PVU CZ IBOE BOE PQFSBUFT UPPMT BOE FRVJQNFOU
SFEVDF UIF BNPVOU PG QIZTJDBM FGGPSU UBLFO UP JEOUJGZ XSFODIFT BOE
UIF RVBMJUZ PG UIF QSPEVDUT 5IFZ QFSGPSN UBTLT JOWPMWJOH QSBDUJDBM
materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ XPSLFSS JO VUJMJUZ TDPPWDUUNSBOTNJTTJPO
UBJOJOH BOE SFQBJSJOH CVJMEJOHT JOGSBTUSVDUVSF GBDJMJUJFT
UFDIOJRVFT DPOTUSVDUJOH BOE SFQBJSJOH SPBET BOE PUIFS USBOTQPSU
TJNJMBS NBUFSJBMT CSFBLJOH RVBSSZJOH BOE TVSGBDJOH TUPOF
TUPOF GPS CVJMEJOH PSOBNFOUBM FNCFMMJTIFE XPSL
GSBNFXPSLT BOE TUSVDUVSFT BT XFMM BT JOTUBMMJOH BOE
BTTFNCMJOH BOE NBJOUBJOJOH XPPEFO TUSVDUVSBM
TUSVDUJPO BOE CVJMEJOH NBJOUFOBODF UBTLT 4VQFSWJTJPO PG

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSSZ JODMVEF

711 Building Frame and Related Trades Workers

712 Building Finishers and Related Trades Workers

713 Painters, Building Structure Cleaners and Related Trades Workers

Minor Group 711

Building Frame and Related Trades Workers

#VJMEJOH GSBNF BOE SFMBUFE USBEFT XPSLFST JO
SFQBJS GPVOEBUJPOT XBMMT BOE TUSVDUVSFT CFGPSF
mOJTI TUPOF GPS CVJMEJOH BOE NBJOUBJOJOH
building maintenance tasks.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFS EPPSTUFQT
TUSVDUVSFT CZ VTJOH USBEJUJPOBM UPPMT BOE
GPVOEBUJPOT XBMMT BOE TUSVDUVSBM GSBNFT
TUPOF JOUP TMBCT PS CMPDLT DGVPUSU JCOVHJ
NPOVNFOUBM BOE PUIFS QVSQPTF TUSVDUVSFT
XFMM BT mOJTIJOH BOE SFQBJSJOH DVSWFE
XPPEFO TUSVDUVSFT BOE mUUJOH TDVQQFST
UFOBODF UBTLT 4VQFSWJTJPO PG PUIFS XPSLFST NBZ CF JODMVEF

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSZ JODMVEF

7111 House Builders

7112 Bricklayers and Related Workers

7113 Stonemasons, Stone Cutters, Splitters and Carvers

7114 Concrete Placers, Concrete Finishers and Related Workers

7115 Carpenters and Joiners

7119 Building Frame and Related Trades Workers Not Elsewhere Classified

Unit Group 7111

House Builders

House builders erect, maintain and repair houses and similar small buildings using either traditional and modern building materials.

5BTLT JODMVEF o

(a) preparing ground for erecting building or other structures

(b) erecting structures to support roofs, and covering roof frameworks with slates, tiles or other materials

(c) fixing, shaping and finishing building and monumental stone such as granite or marble

(d) making patterns and marking shapes on timber for sawing, splitting and finishing

(e) selecting and preparing slabs and blocks of stone for building and monumental purposes

(f) arranging for specialized work such as bricklaying, painting, plumbing and electrical work to be done by subcontractors, labourers and other workers.

Example of the occupations classi ed here:
House builder

Some related occupations classi ed elsewhere:
Carpenter and joiner o
Painter and decorator o
Plumber o
Roofer o
Scaffolder o
Stonemason o

Unit Group 7112

Bricklayers and Related Workers

Bricklayers and related workers lay bricks, precut stones and other types of building blocks in mortar to construct and repair walls, partitions, arches and other structures.

5BTLT JODMVEF o

(a) laying stone, brick and similar building blocks to construct or repair walls, partitions, replaces and other structures such as tunnels, culverts, drains and sewers

(c) laying bricks or other masonry to build pathways, hearths, walls and other installations.

Examples of the occupations classi ed here:
Block layer
Bricklayer
Chimney builder
Refractory bricklayer

Some related occupations classi ed elsewhere:
Stonemason o

Unit Group 7113

Stonemasons, Stone Cutters, Splitters and Carvers

Stonemasons, stone cutters and splitters shape and dress stone blocks and slabs for the construction and maintenance of stone structures and monumental masonry, and stone carvers carve decorative stonework.

5BTLT JODMVEF o

(a) selecting and preparing slabs and blocks of stone for building and monumental purposes

(b) cutting, shaping and finishing building and monumental stone such as granite or marble

(d) making patterns and marking shapes on stone for sawing, splitting and finishing

(e) carving decorative designs and inscriptions signs on stone blocks used for monuments or memorials

(f) setting stone in the erection of monuments and memorials

(g) repairing and replacing stonework on old buildings, churches and monuments.

Examples of the occupations classi ed here:
Granite cutter
Stone carver
Stone cutter
Stone polisher (hand or hand-powered tools)

Some related occupations classi ed elsewhere:
Bricklayer o
Marble polisher (machine) o
Monumental mason o
Quarry worker o

Unit Group 7114

Concrete Placers, Concrete Finishers and Related Workers

Concrete placers, concrete nishers and related workers erect reinforced concrete frameworks and structures, make forms for moulding concrete, reinforce concrete surfaces, cement openings in walls or casings for wells, nish and repair cement surfaces and carry out terrazzo work.

5BTLT JODMVEF o

(a) constructing and repairing reinforced concrete floors, walls, tanks, silos and other

(b) making shuttering or assembling prefabri-

(c) cementing openings in walls or casings for XFMMT
(d) nishing and smoothing surfaces of concrete TUSVDUVSFT
(e) applying a durable smooth surfacing composed of cement, sand pigment and marble QBSUJDMFT UP nPPST LOPXO BT TpBrUgiF SoB[[P mOJTI

Examples of the occupations classi ed here:
Cement nisher
Concrete placer
5FSSB[[P XPSLFS

Some related occupations classi ed elsewhere:
$PODSFUF mOJTIJOH NBDIJOF PQFSBUPS o
Road surface laying machinery PQFSBUPS o

Unit Group 7115
Carpenters and Joiners

Carpenters and joiners cut, shape, assemble, erect, NBJOUBJO BOE SFQBJS WBSJPVT TUSVDUVSFT and ttings made from wood and other materials.
5BTLT JODMVEF o
(a) making, altering and repairing structural and other woodwork at a workbench or on B DPOTUSVDUJPO TJUF
C DPOTUSVDUJOH FSFDUJOH BMUFSJOH PS SFQBJSJOH GSBNFE XPPEFO TUSVDUVSFT PO CVJMEJOH TJUFT
(c) tting, assembling and altering internal and FYUFSOBM mYUVSFT PG CVJMEJOHT TVDI BT XBMMT doors, door and window frames, facings and QBOFMMJOH
E NBLJOH SFQBJSJOH B-OE mUUJOH PG TUBHFT TDFOFSZ QJDUVSF PS UFMFWJTJPO QSPEVDUJPOT
(e) constructing, assembling, altering and repairing XPPEFO mYUVSFT BSOE TUSVDUVSBM XPSL coaches, aircraft, ships, boats, floats and PUIFS WFIJDMFT

Examples of the occupations classi ed here:
Carpenter
%PPS JOTUBMMFS
Finish carpenter
Framer
Joiner
Shipwright (wood) [P mOJTI

Some related occupations classi ed elsewhere:
$BCJOFU NBLFS o
8IFFMXSJHIU o

Unit Group 7119
Building Frame and Related Trades Workers Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST CVJMEJOH GSB USBEFT XPSLFST OPU DMBTTJmFE FM (SPVQ #VJMEJOH 'SBNF BOE 3FMBUFE Workers. For instance, the unit group includes TUFFQMFKBDLT TDB PMEFST BOE EFNPM *O TVDI DBTFT UBTLT XPVME JODMVE (a) climbing and performing unskilled construction and building maintenance work on tall structures such as towers, chimneys and TQJSFT
(b) erecting temporary metal or wooden scaffolding or building and dismantling other structures GPMEJOH PO CVJMEJOH TJUFT
(c) demolishing buildings and other structures DPOTUSVDUJPO
Examples of the occupations classi ed here:
Building wrecker TVDI BT XBMMT
Prefabricated building assembler 4DB PMEFS
Skilled demolition worker FRVJQ
Steeplejack
Some related occupations classi ed elsewhere:
%FNPMJUJPO MBCPVSFS o

Minor Group 712
Building Finishers and Related Trades Workers

#VJMEJOH mOJTIFST BOE SFMBUFE UTSBEFT XPSLFST JODMVEF TVDI BT nPPST XBMMT JOTVMBUJPO TZTUFNT and electrical systems in buildings and other structures.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFPDF WPSSJOHFSLPJPGE TPEGNXBPSL UFSJBM JOTUBMMJOH QBSRVFU BOE nPUPISTS BLOEOXEBMMMGT XPUPISUJOM PS NPTBJD QBOFMT BQQMZJOH QMBTUFSJOTVMBUJOTH BNDBEUDSJBMMOUHPT nPPST BOE DFJMJOHT DVUUJOH mUUBJOEBJNEJMBSUPJOHOJMBTTJOTXB QMVNCJOH BOE QJQFMJOF TZTUFNT of other workers may be included.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQFE JOUP UIF GPM

7121 Roofers
7122 Floor Layers and Tile Setters
7123 Plasterers
7124 Insulation Workers
7125 Glaziers
7126 Plumbers and Pipe Fitters
7127 Air Conditioning and Refrigeration Mechanics

Unit Group 7121

Roofers

Roofers build and repair roofs on all types of buildings, using one or more kinds of material.

5BTLT JODMVEF o

(a) studying drawings, speci cations and construction sites to determine materials re-
RVJSFE

C DPWFSJOH SPPG GSBNF-XPSLT XJUI TMBUF BOE QSF
GBCSJDBUFE UJMFT UP DPWE Examples of the occupations classi ed here:

D MBZJOH B XBUFSQSPPG TIJFMD Carpet layer
PS TZOUIFUJD NBUFSJBMT UP. Floor layer
(d) sizing and cutting roofing materials to fit around edges, corners and protuberances
TVDI BT DIJNOFZT
(e) using natural materials such as thatching to
QSPWJEF SPPG DPWFSJOHT
(f) creating temporary structures such as scaffolding and ladders.

Examples of the occupations classi ed here:

"TQIBMU SPPGFS
.FUBM SPPGFS
3PPG mYFS
Roof tiler
Slate roofer
5IBUDIFS

Note

*OTUBMMFST PG NFUBM SPPmOH BSF DMBTTIJmFE JO 6OJU (SPVQ
3PPGFST 8PSLFST XIP NBLF TIFFU NFUBM QSFWJPV
for adaptation and installation by roofers are classi ed
JO 6OJU (SPVQ 4IFFU .FUBM 8PSLFST

Unit Group 7122

Floor Layers and Tile Setters

Floor layers and tile setters install, maintain and
SFQBJS nPPSJOH BOE DPWFS nPPST BOE PUIFS TVSGBDFT
surfaces with carpets, tiles or mosaic panels for
EFDPSBUJWF PS PUIFS QVSQPTFT
5BTLT JODMVEF o

B QSFQBSJOH GMPPS BSFBT GPS DPWFSJ
WBSJFUZ PG NBUFSJBMT

(b) assembling carpet, tiles or other materials and laying them on floors according to
EFTJHO BOE PUIFS TQFDJmDBUJPOT

D QSFQBSJOH XBMM BSFBT GPS DPWFSJ
PUIFS NBUFSJBMT GPS E-FDPSBUJWF P
QPTFT TVDI BT BDPVTUJD JOTVMBUJP
(d) setting tiles and constructing and laying
NPTBJD QBOFMT UP XBMMT nPPST BO
faces.

Examples of the occupations classi ed here:

Carpet layer
Floor layer
1BSRVFUSZ XPSLFS
5JMF TFUUFS

Unit Group 7123

Plasterers

Plasterers install, maintain and repair plasterboard
JO CVJMEJOHT BOE BQQMZ EFDPSBUJWF
DPWFSJOHT PG QMBTUFS DFNFOU BO
UP UIF JOUFSJPST BOE FYUFSJPST PG
5BTLT JODMVEF o

(a) applying one or more coats of plaster to interior walls and ceilings of buildings to pro-
EVDF B mOJTIFE TVSGBDF
(b) measuring, marking and installing ornamental plaster panels, and casting and trim-
NJOH PSOBNFOUBM QMBTUFS DPSOJDF
(c) measuring, marking and cutting plasterboard, lifting and positioning panels and se-
DVSJOH UIFN UP XBMMT DFJMJOHT BO
E DPWFSJOH KPJOT BOE OBJM IPMFT X
and sealing compounds, and smoothing them
VTJOH XFU CSVTIFT BOE TBOEQBQFS
F BQQMZJOH QSPUFDUJWF BOE EFDPSB
of cement, plaster and similar materials to
PVUTJEF XBMMT JO EFTJHOBUFE
G NBLJOH BOE JOTUBMMJOH EFDPSBUJ
TUSFTT PG mCSPVT QMBTUFS
(g) applying and nishing acoustic, insulating and fireproofing materials bonded with
B QMBTUFS DPNFOU BOE TJNJMBS
plaster, plastic cement and similar materials.

Examples of the occupations classi ed here:
%SZ XBMM QMBTUFSFS
Fibrous plasterer
Ornamental plasterer
Plasterer
Solid plasterer
Stucco plasterer

Unit Group 7124
Insulation Workers

Insulation workers apply and repair insulating materials to buildings, boilers, pipes or refrigera-
UJPO BOE BJS DPOEJUJPOJOH FRVJQNFOU o
5BTLT JODMVEF o
B DVUUJOH JOTVMBUJPO NBUFSJBMT UP [JHT BOE
(b) applying slabs and sheets of insulating or TPVOE BCTPSCJOH NBUFSJBMT JO XBMMT
BOE DFJMJOHT PG CVJMEJOHT
(c) blowing and packing insulating or sound-ab- TPSCJOH NBUFSJBMT JOUP DBWJUJFT
nPPST BOE DFJMJOHT PG CVJMEJOHT
E FYBNJOJOH QMBOT TQFDJGJDBUJPOT
TJUFT UP EFUFSNJOF UIF -UZQF
UJUZ PG JOTVMBUJPO NBUFSJBMT
F BQQMZJOH JOTVMBUJOH NBUFSJBMT
GBDFT PG FRVJQNFOU TVDI BT
UBOLT
(f) insulating refrigeration and air conditioning FRVJQNFOU

Examples of the occupations classi ed here:
"DPVTUJD JOTVMBUJPO XPSLFS
Boiler and pipe insulation worker
Insulation installer
Insulation worker
Refrigeration and air conditioning FRVJQNFOU JOTVMBUJPO XPSLFS

Unit Group 7125
Glaziers

(MB[JFST NFBTVSF DVU mOJTI
glass and mirrors.
5BTLT JODMVEF o
(a) selecting the type of glass to be used, cutting to right size and shape and installing in windows, EPPST TIPXFST BOE QBSUJUJPOT
(b) installing glass and mirrors in skylights, dis- QMBZ DBTFT JOUFSJPS XBMMT BOE DFJMJOHT
D JOTUBMMJOH PS SFQMBDJOH XJOEDSFFOT JO WFIJ DMFT PS CPBUT
E DSFBUJOH EFDPSBUJWF HMBTT GFBUVSFT TVDI BT
walls, staircases, balustrades and stained- glass windows.

Examples of the occupations classi ed here:
"VUPHMB[JFS
(MB[JFS
Roo ng glazier
Vehicle glazier

Some related occupations classi ed elsewhere:
(MBTT DVUUFS o
(MBTT mOJTIFS o

Unit Group 7126
Plumbers and Pipe Fitters

Plumbers and Pipe Fitters assemble, install, repair and maintain pipe systems, drains, gutters, ducts
FS TFBMFE WBUFS UBOL TZTUFNT BOE mYUVSFT
ESBJOBHF TFXFSBHF IFBUJOH DPPMJ
JOH systems, and hydraulic and pneumatic
5BTLT JODMVEF o
BWJUJFT JO DPOOFDUJPO XJUI QMVNCJOH
JOH, determining the layout of plumbing
BOE WFOUJMBUJPO TZTUFNT BOE NE
(b) measuring, cutting, threading, bending, JOH, assembling, fitting, installing, maintaining
F BQQMZJOH JOTVMBUJOH NBUFSJBMT
GBDFT PG FRVJQNFOU TVDI BT
UBOLT
(c) installing gas appliances, dishwashers and water heaters, sinks and toilets using hand BOE QPXFS UPPMT
(d) laying clay, concrete or cast-iron pipes in drains to form sewers, drains or water NBJOT PS GPS PUIFS QVSQPTFT
F JOTQFDUJOH FYBNJOJOH BOE U
systems and pipes, using pressure gauge, IZESPTUBUJD UFTUJOH PCTFSWBU
methods.

Examples of the occupations classi ed here:
%SBJO UFDIOJDJBO
(BT mUUFS
Pipe tter
Pipe layer
Plumber
Ventilation pipe tter

Some related occupations classi ed elsewhere:
NFDIBOJDT o

Note
Installers of metal drains, gutters and ducts are classi ed JO 6OJU (SPVQ 1MVNCFST BOE 1JQF 'JUUFST who make sheet metal products for adaptation and in- TUBMMBUJPO QMVNCFST BSF DMBTTJmFE JO 4IFFU .FUBM 8PSLFST

Unit Group 7127

Air Conditioning and Refrigeration Mechanics

"JS DPOEJUJPOJOH BOE SFGSJHFSBUJPO NFDIBOJDT assemble, install, maintain and repair air conditioning and refrigeration systems in residences, commercial buildings and industrial establishments.

5BTLT JODMVEF o

(a) interpreting blueprints, drawings and other technical documents;

(b) assembling, installing and repairing components such as compressors, motors, condensers, expansion valves, thermostats and other air conditioning and refrigeration system components;

D DPOOFDUJOH QJQJOH BOE FRVJQNFOU SJWFUJOH XFMEJOH PS CSB[JOH

(d) testing systems, diagnosing faults and performing repairs;

Examples of the occupations classified here:

"JS DPOEJUJPOJOH FRVJQNFOU NFDIBOJD Refrigeration mechanic

Some related occupations classified elsewhere:

1MVNCFS BOE QJQF mUUFS o 7FOUJMBUJPO BOE IFBUJOH UFDIOJDJBO o

Minor Group 713

Painters, Building Structure Cleaners and Related Trades Workers

Painters, building structure cleaners and related trades workers prepare surfaces and apply paints, varnishes and other finishes to buildings and other structures. They also clean the interior and exterior surfaces of buildings and other structures.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF

7131 Painters and Related Workers

7132 Spray Painters and Varnishers

7133 Building Structure Cleaners

Unit Group 7131

Painters and Related Workers

Painters and related workers prepare surfaces of buildings and other structures for painting, apply paints, varnishes and other finishes to surfaces of buildings and other structures, and paper walls and ceilings of buildings with wallpaper or other finishes.

5BTLT JODMVEF o

(a) cleaning and preparing walls and other surfaces of buildings for painting or wallpapering;

C TFMFDUJOH BOE QSFQBSJOH QBJOUT TUBJOT WBSOJTIFT PS DPBUFE TVSGBDFT UP CF DPMPVSFE CZ NJYJOH QJHNFOUT BDDPSEJOH UP DVTUPNFS TQFDJGJDBUJPOT

D BQQMZJOH PS TQSBZJOH QBJOUT WBSOJTIFT PS TJNJMBS NBUFSJBMT UP TVSGBDFT PG CVJMEJOHT

(d) measuring and hanging wallpaper or other GBCSJDT PO JOUFSJPS XBMMT PG CVJMEJOHT

F BQQMZJOH QBJOUT WBSOJTIFT PS TJNJMBS NBUFSJBMT UP DFJMJOHT PG CVJMEJOHT

Examples of the occupations classified here:

Building painter

Paperhanger

Unit Group 7132

Spray Painters and Varnishers

4QSBZ QBJOUFST BOE WBSOJTIJOH FRVJQNFOU UJWF DPBUJOHT UP NBOVGBDUVSFE JUFNT

5BTLT JODMVEF o

D BQQMZJOH QBJOU BT XFMM BT QSBZJOH PS WBSOJTIJOH PUIFS NBOVGBDUVSFE QSPEVDUT VTVBMMZ XJUI B TQSBZ HVO

Examples of the occupations classified here:

Examples of the occupations classi ed here:
.BOVGBDUVSFE BSUJDMFT RBJOUFS o
Varnisher
Vehicle painter

Some related occupations classi ed elsewhere:
#VJMEJOH QBJOUFS o
%FDPSBUJWF QBJOUFS o
4JHOXSJUFS o
8PPE USFBUFS o
.FUBM DPBUJOH NBDIJOF PQFSBUPS o

5BTLT JODMVEF o
QBJOUFS JOH FYUFSJPS TVSGBDFT PG metal or similar materials by means of chemicals, or a jet of steam or sand applied under IJHI QSFTTVSF
C SFNPWJOH TPPU GSPN nVFT DIJNOFZ OFDUJOH QJQFT
D SFNPWJOH BTCFTUPT NPVME BOE surfaces from buildings.

Examples of the occupations classi ed here:
#VJMEJOH FYUFSJPST DMFBOFS
Chimney sweep
4BOECMBTUFS CVJMEJOH FYUFSJPST

Unit Group 7133

Building Structure Cleaners

#VJMEJOH TUSVDUVSF DMFBOFST BUDFMBTUFS CMBTUFS TVSJPS TVS faces of buildings and other structures, and SFNPWF TPPU GSPN DIJNOFZT

Some related occupations classi ed elsewhere:
(SBUJDMFBOFS o

Sub-ma~or Group 72

Metal, Machinery and Related Trades Workers

.FUBM NBDIJOFSZ BOE SFMBUFE WORKERS make, set up, install, adjust, repair and maintain machinery and equipment used in the production of metal products, machinery and transportation equipment. They also make, repair and maintain tools and dies, and other metal articles and products.

5IF XPSL JT DBSSJFE PVU CZ IBOE BOE PS QPXFSFE UPPMT BOE NBDIJOFT 5IF KPCT SFFVDF UIF BNPVOU PG QIZTJDBM F PSU UBTL UIBU NVTU CF QFSGPSNFE BOE UIF RVBMJUZ PG UIF QSPEVDUT 5IF XPSLFST NBZ IBWF UP MBZ PVU BOE JOUFSQSFU QMBOT BOE TQFDJGJDBUJPOT UP EFUFSNJOF UIF NFUIPET UP CF VTFE JO QSPEVDJOH UIF materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ JODMVEF DPSFT GPS DBTUJOH NFUBM DBTUJOH NPVMET BOE TQFDJBMJTFE UPPMT GPS NBDIJOJOH NFUBM QBSUT BOE TIFFU NFUBM QSPEVDUT 5IFTF XPSLFST NBZ BMTP NBLF BOE SFQBJS QBUUFSOT BOE UFNQMBUFT PUIFS BSUJDMFT TFUUJOH GPS PQFSBUJPO PG NBDIJOFT BOE EFWJDFT NBJOUBJOJOH BOE SFQBJSJOH JOEVTUSJBM NBDIJOFSZ BOE FRVJQNFOU NBZ BMTP CF JODMVEFE of other workers may be included.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ HBWF SJTF UP UIF GPMMPXJOH VOJU HSPVQT

- **721 Sheet and Structural Metal Workers, Moulders and Welders, and Related Workers**
- **722 Blacksmiths, Toolmakers and Related Trades Workers**
- **723 Machinery Mechanics and Repairers**

Minor Group 721

Sheet and Structural Metal Workers, Moulders and Welders, and Related Workers

Sheet and structural metal workers, moulders and welders, and related workers, make moulds and cores for casting metal, weld and cut metal parts, make and repair articles of sheet metal, and in-TUBMM FSFDU NBJOUBJO BOE SFQBJS BSUJDMFT PG TIFFU NFUBM BOE TUSVDUVSBM NFUBM QSPEVDUT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF UIF NBOVGBDUVSF PG NPVMET BOE DPSFT GPS DBTUJOH NFUBM QBSUT NBLJOH BOE GJUUJOH NFUBM QBSUT BOE TIFFU NFUBM QSPEVDUT 5IFTF XPSLFST NBZ BMTP DPOTUSVDU BOE JOTUBMM JOEVTUSJBM NBDIJOFSZ BOE FRVJQNFOU XFMM BT UBDLMF DBCMF DBST BOE SFMBUFE FRVJQNFOU

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBWF SJTF UP UIF GPMMPXJOH VOJU HSPVQT

- **7211 Metal Moulders and Coremakers**
- **7212 Welders and Flame Cutters**
- **7213 Sheet Metal Workers**
- **7214 Structural Metal Preparers and Erectors**
- **7215 Riggers and Cable Splicers**

Unit Group 7211

Metal Moulders and Coremakers

.FUBM NPVMEFST BOE DPSFNBLFST NBLF XPPEFO NPVMET BOE DPSFT GPS DBTUJOH NFUBM 5IFZ NBZ BMTP NBLF NPVMET CZ IBOE PS VTJOH NPVMEJOH NBDIJOFT PO B CFODI GPS TNBMM NFUBM DBTUJOHT PO UIF GPVOESZ nPPS PS JO B QJU 5IFZ NBZ BMTP QFSGPSN NBJOUFOBODF UBTLT TVDI BT DMFBOJOH BOE TNPPUIJOH NPVMET BOE DPSFT BOE TFUUJOH QBUUFSOT BOE UFNQMBUFT PO NBDIJOFT

C NBLJOH DPSFT GPS VTF JO NFUBM NPVMET BOE DPSFT GPS DBTUJOH JODMVEFT UIF GPMMPXJOH UBTLT

(c) cleaning and smoothing moulds and core CPYFT BOE SFQBJSJOH TVSGBDF JNQFSGFDUJPOT JO NPVMET

mould sections, patterns and bottom boards, VTJOH DSBOFT PS TJHOBMMJOH PUIFS NFBOT

B NBLJOH NPVMET CZ IBOE- PS WXJPSSHL EQVY-DMFJTBSZ NBDIJOFT PO B CFODI GPS TNBMM NFUBM DBTUJOHT PO

(e) positioning patterns inside mould sections UIF GPVOESZ nPPS PS JO B QJU 5IFZ NBZ BMTP QFSGPSN NBJOUFOBODF UBTLT TVDI BT UPHFUIFS

(f) cutting spouts, runner holes and sprue holes JOUP NPVMET
(g) lifting upper mould sections from lower sec- UJPOT BOE SFNPWJOH NPVMEEFQBUUFSOT

Examples of the occupations classi ed here:
Coremaker
.FUBM DBTUJOH NPVMEFS

Unit Group 7212

Welders and Flame Cutters

8FMEFST BOE nBNF DVUUFST XFMEBiorsmith
VTJOH HBT nBNF FMFDUSJD BSDwelder
heat to melt and cut, or to melt and fuse metal.
5BTLT JODMVEE o
B XFMEJOH NFUBM QBSUT VTJOH HBT nBNF PS BO electric arc, thermite compound or other NFUIPET
C PQFSBUJOH SFTJTUBODF XFMEJOH NBDIJOFT
(c) using blowtorches to make and repair lead MJOJOHT QJQFT nPPST BOE PUIFS MEBE mYUVSFT
E CSB[JOH NFUBM QBSUT UPHFUIFS
F DVUUJOH NFUBM QJFDFT VTJOH HBT nBNF PS BO FMFDUSJD BSD
G KPJOJOH NFUBM QBSUT CZ IBOE TPMEFSJOH
(g) monitoring the tting, burning and welding QSPDFTTFT UP BWPJE PWFSIFBUJOH PG QBSUT PS XBSQJOH TISJOLJOH EJTUPSUJPO PS FYQBOTJPO PG NBUFSJBM
I FYBNJOJOH XPSL QJFDFT GPS EFGFDUT BOE NFBT uring work pieces with straight edges or templates to ensure conformity with speci - cations.

Examples of the occupations classi ed here:
Brazier
Flame cutter
Welder

Unit Group 7213

Sheet Metal Workers

Sheet metal workers make, install and repair articles and parts of articles made out of sheet metal such as sheet steel, copper, tin, brass, aluminium, [JOD PS HBMWBOJ[FE JSPO
5BTLT JODMVEE o
B NBSLJOH TIFFU NFUBM GPS DVUUJOH BOE TIBQJOH
(b) making and repairing household utensils and other articles in tin, copper and light alloys, PS PSOBNFOUBM BSUJDMFT BOE mUUJOHT
D NBLJOH BOE SFQBJSJOH CPJMFST UBOLT WBUT BOE TJNJMBS DPOUBJOFST
(d) installing and repairing sheet metal parts of WFIJDMFT BOE BJSDSBGU
F DPOWFSUJOH CMVFQSJOUT JOUP TIP be followed in the construction and assembly
PG TIFFU NFUBM QSPEVDUT
G EFUFSNJOJOH QSPKFDU SFRVJSFNF TDPQF BTTFNCMZ TFRVFODFT BOE methods and materials, according to blue- QSJOUT ESBXJOHT BOE XSJUUF TUSVDUJPOT
H JOTQFDUJOH QSPEVDU RVBMJUZ BOE J ensure conformity with speci cations.

Examples of the occupations classi ed here:
Boilermaker
Coppersmith
Panel beater
5JOTNJUI

Note
Installers of metal roofing are classified in Unit (SPVQ 3PPGFST *OTUBMMFST PG NFUB BOE EVDUT BSF DMBTTJmFE JO 6OJU (SPVQ and Pipe Fitters. Workers who make sheet metal products for adaptation and installation by roofers and plumbers BSF DMBTTJmFE JO 6OJU (SPVQ 4IFFU .FUB

Unit Group 7214

Structural Metal Preparers and Erectors

Structural metal preparers and erectors assemble, erect and dismantle structural metal frames of buildings and other structures.
5BTLT JODMVEE o
(a) marking metal framework as a guide when drilling, cutting and shaping metal stock for VTF JO CVJMEJOHT TIJQT BOE PUIFS
(b) drilling, cutting and shaping structural steel JO B XPSLTIPQ
(c) erecting steel framework for buildings, CSJEHFT BOE PUIFS DPOTUSVDUJPOT
(d) assembling and erecting the framework and PUIFS NFUBM QBSUT PG TIJQT TUSVD
(e) shaping and tting structural steel plates of TIJQT VOEFS DPOTUSVDUJPO PS SFQB
G SJWFUJOH TUSVDUVSBM NFUBM NBDIJOF PS QOFVNBUJD SJWFUFS

Examples of the occupations classi ed here:
Erector, structural metal
Preparer, structural metal
SJWFUFS

Some related occupations classi ed elsewhere:
SJWFU QSPEVDUJPO NBDIJOF PQFSBU

Unit Group 7215

Riggers and Cable Splicers

Riggers and cable splicers assemble rigging gear UP NPWF BOE QPTJUJPO FRVJQNFOU components, or install and maintain cables, ropes and wires on construction sites, buildings or other structures.

5BTLT JODMVEF o

(a) estimating the size, shape and weight of objects to be moved and determining the equipment required

(b) installing and repairing cables, ropes, wires, QVMMFZT BOE PUIFS UBDLMF

(c) joining, repairing and tting attachments to XJSFT SPQFT BOE DBCMFT

(d) working as member of a crew erecting and repairing derricks for drilling water, gas and PJM XFMMT

(e) lifting and mounting scenery, lighting and PUIFS FRVJQNFOU JO UIFBUSFT BOE P

(f) installing and maintaining communication towers, aerial cableways, funicular railways, lifts and ski tows and similar infrastructure

Examples of the occupations classi ed here:

Cable and rope splicer
Rigger
Ship rigger

Some related occupations classi ed elsewhere:

$BCMF TQMJDJOH NBDIJOF PQFSBUPS
$SBOF IPJTU BOE SFMBUFE QMBOU

Minor Group 722

Blacksmiths, Toolmakers and Related Trades Workers

Blacksmiths, toolmakers and related trades workers hammer and forge bars, rods or ingots of JSPO TUFFM BOE PUIFS NFUBMT UP and sharpen surfaces.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF and sharpening metal surfaces and tools.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ

7221 Blacksmiths, Hammersmiths and Forging Press Workers

7222 Toolmakers and Related Workers

7223 Metal Working Machine Tool Setters and Operators

7224 Metal Polishers, Wheel Grinders and Tool Sharpeners

Unit Group 7221

Blacksmiths, Hammersmiths and Forging Press Workers

Blacksmiths, hammersmiths and forging press workers hammer and forge bars, rods, ingots and plates of iron, steel or other metals, and draw XJSF UP NBLF BOE SFQBJS tural and related implements.

5BTLT JODMVEF o

(a) heating metal in forge furnaces and manufacturing and repairing articles by drawing, bending, cutting, hammering metal on an BOWJM QVODIJOH TIF- FOJOH PS UFNQFSJOH

(b) shaping heated metal into forgings on power IBNNFST FRVJQQFE XJUI PQFO EJFT

(c) operating closed-die drop hammers to forge NFUBM BSUJDMFT

(d) operating power hammers to forge parts

(e) operating hydraulic presses to forge metal parts

(f) reading work orders or blueprints to determine PQFSBUJPOT GPS NBDIJOF TFUVQ

(g) measuring and inspecting machine parts to ensure conformity with product speci cations.

Examples of the occupations classi ed here:

Blacksmith
%SPQ IBNNFS XPSLFS

Forging press worker
Hammersmith

Some related occupations classi ed elsewhere:
$BTUJOH NBDIJOF PQFSBUPS o
.BDIJOF UPPM PQFSBUPS o

Unit Group 7222
Toolmakers and Related Workers

5PPMNBLFST BOE SFMBUFE XPSLFST make, repair and maintain precision custom-made and specialized tools, sports guns, locks, dies, patterns, machinery components and other metal articles using hand and machine tools to work metal to ne tolerances.
5BTLT JODMVEF o
(a) reading and interpreting engineering drawings and speci cations of tools, dies, prototypes or models
(b) preparing templates and sketches, and determining working processes to be used
(c) performing similar tasks when machining plastics and other materials
(d) positioning, securing and measuring metal stock or work pieces to be machined
(e) setting up, operating and maintaining conventional and numerically controlled machine tools to cut, turn, mill, plane, drill, bore, grind or otherwise shape work pieces to prescribed dimensions and tolerances
(f) fitting and assembling parts to make and repair jigs, fixtures, moulds and dies
(g) repairing and modifying sports guns and other small arms
(h) making, tting, assembling, repairing and installing mould, pattern and model parts
(i) making and repairing metal patterns for foundry moulds
(j) laying out lines and reference points on metal stock to guide other workers who cut, turn, mill or weld
(k) testing and evaluating materials and finished products
(l) measuring and checking dimensions and tolerances of nished parts for conformity with specifications, using precision measuring instruments and testing completed items for proper operation.

Examples of the occupations classi ed here:
Die maker
Gunsmith
Jig maker
Locksmith
Patternmaker
5PPMNBLFS

Some related occupations classi ed elsewhere:
5PPM QSPEVDUJPO NBDIJOF PQFSB

Unit Group 7223
Metal Working Machine Tool Setters and Operators

.FUBM XPSLJOH NBDIJOF U-PPM TFUUFST UPST TFU BOE PS PQFSBUF WBSJPVT N working to ne tolerances.
5BTLT JODMVEF o
(a) setting one or more types of machine tool for production of metal articles in standardized TFSJFT
(b) operating and monitoring metal working machines such as lathes and milling, planing, boring, drilling, grinding or honing machines, including multipurpose numerically DPOUSPMMFE NFUBM XPSLJOH NBDIJ
(c) performing similar tasks when machining QMBTUJDT BOE PUIFS NFUBM TVCTU
(d) setting up machine tools or production lines, and adjusting work pieces or tools to correct piece defects or machine malfunctions, and BEKVTUJOH NBDIJOFT BT OFDFTTBSZ
(e) inspecting work pieces for defects, and measuring work pieces to determine accuracy of machine operation, using rules, templates or
(f) changing worn machine accessories such as cutting tools and brushes, using hand tools.

Examples of the occupations classi ed here:
Boring machine operator
Casting machine operator
.BDIJOF UPPM PQFSBUPS
.BDIJOF UPPM TFUUFS
.BDIJOF UPPM TFUUFSoPQFSBUPS
.FUBM TUVSOFS
3JWFU QSPEVDUJPO NBDIJOF PQFSBU
5PPM QSPEVDUJPO NBDIJOF PQFSBUP

Unit Group 7224
Metal Polishers, Wheel Grinders and Tool Sharpeners

.FUBM QPMJTIFST XIFFM H-SJOEFST BOE eners polish and grind metal surfaces and sharpen tools.
5BTLT JODMVEF o
B PQFSBUJOH mYFE PS QPSUBCMF CV JTIJOH NBDIJOFT
(b) sharpening cutting tools and instruments using grinding wheels or mechanically operBUFE HSJOEJOH NBDIJOFT

(c) repairing, adjusting and sharpening saw CMBEFT BOE NFUBM UFFUI PTG JWDFZTMB OE EHSSTJOEJOH YQUSJMDFF EVSFT DBSEJOH NBDIJOFT

(d) dressing grinding wheels according to speci- mDBUJPOT

(e) monitoring machine operations to determine whether adjustments are necessary, and stop- QJOH NBDIJOFT XIFO QSPCMFNT SPMDHSSJOEFS

(f) inspecting, feeling and measuring work pieces to ensure that surfaces and dimen- TJPOT NFFU TQFDJmDBUJPOT

(g) selecting and mounting grinding wheels on machines according to speci cations, using hand tools and applying knowledge of abra- .FUBM mOJTIJOH NBDIJOF PQFSBUPS

Examples of the occupations classi ed here:
Knife sharpener
.FUBM mOJTIFS
.FUBM QPMJTIFS

Some related occupations classi ed elsewhere:
.FUBM mOJTIJOH NBDIJOF PQFSBUPS
.FUBM QPMJTIJOH NBDIJOF PQFSBUPS

Minor Group 723
Machinery Mechanics and Repairers

.BDIJOFSZ NFDIBOJDT mBUEJSFQBJSFSBJSFUBHJOBTEWSFHQDMFT BHSJ UVSBM PS JOEVTUSJBM NBDIJOFSZ BOE TJNJMBS NFDIBOJDBM FRVJ

5BTLT QFSGPSNFE VTVBMMZ JODMVHEBOEUSJFQBHJOSJO-HUBOVHMJDFT DMFT BHSJDVMUVSBM PS JOEVTUSBM MRVBNFOUFOUSZ BOE TJNJMBS

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQFE JOUP UIF GPM

7231 Motor Vehicle Mechanics and Repairers

7232 Aircraft Engine Mechanics and Repairers

7233 Agricultural and Industrial Machinery Mechanics and Repairers

7234 Bicycle and Related Repairers

Note

0DDVQBUJPOT BSF DMBTTJmFE JO .BKPS (SPVQ BOE TUBUFE JOUIF UBTL DBMM NBJOMZ GPS FYQFSJFODF XJUIBOE SEZOPVQFSBSUFBBOEEONHPG UUPSFFEDDV QBUJPOT BSF DMBTTJmFE JO .BKPS (SPVQ BMTFNTBSEZ0DVQBUJPOMFFDTE SPVUJ OBUVSF NBJOMZ FOUBJM UIF VTF PGIBSE IMJUFUMPTS TOPNQSZWTJFDVBTM FYQF BOE VOEFSTUBOEJOH PG UIF XPSL AND MJNJUFE JOJUJBUJWF PS KVEHFNF

Unit Group 7231
Motor Vehicle Mechanics and Repairers

.PUPS WFIJDMF NFDIBOJDT BOE TJNJMBS TUBUFE NBJOUBJO TFSWJDFVBOFVQ QBJSJSDFJOHWJFOTNTPBUIES SVOC UIF NFDIBOJDBM BOE S-FMBUFE TFOHFS DBST EFMJWFSZ USVDTE PUIFS NPUPS WFIJDMFT

5BTLT JODMVEF o

(a) detecting and diagnosing faults in engines BOE QBSUT

C GJUUJOH FYBNJOJOH UFTUJOH NPOJUPSJOH WFSJDJOH NPUPS WFIJDMF BOE NPUPSDZDMF FOHJOFT

(c) replacing engine components or complete en- HJOFT

E GJUUJOH FYBNJOJOH BEKVTUJOH TFSWJDJOH SFCVJMEJOH BOE SFQMBDJOH NPUPS WFIJDMFT

(e) installing or adjusting motors and brakes, and adjusting steering or other parts of NPUPS WFIJDMFT

G JOTUBMMJOH BEKVTUJOH TFSWJDJ NFDIBOJDBM DPNQPOFOUT PG NPUPS H QFSGPSNJOH TDIFEVMFE NBJOUFO

Such as changes, lubrications and engine
tuning and ensure compliance with pollution
(h) reassembling engines and parts after being repaired.

Examples of the occupations classi ed here:
Automotive mechanic
%JFTFM mUUFS SPBE USBOTQPSU &OHJOF mUUFS NPUPS WFIJDMF NFDIBOJD .PUPSDZDMF NFDIBOJD .PUPSJ[FE SJDLTIBX NFDIBOJD .PUPS WFIJDMF FOHJOF BOE GVFM TZ TFSWJDF UFDIOJDJBO

.PUPS WFIJDMF NFDIBOJD
.PUPS WFIJDMF NFDIBUSPOJDT UFDIOJDJBO
technician
.PUPS WFIJDMF SFQBJSFS
.PUPS WFIJDMF TFSWJDF UFDIOJDJBO
Small engine mechanic

Some related occupations classi ed elsewhere:
#JDZDMF SFQBJSFS o
"VUPNPUJWF FMFDUSJDJBO o
&MFDUSJDBM NFDIBOJD o
.PUPS WFIJDMF FOHJOF BTTFNCMFS o

"JSDSBGU FOHJOF mUUFS
"JSDSBGU NBJOUFOBODF FOHJOFFS
"JSDSBGU NBJOUFOBODF FOHJOFFS
"JSDSBGU NBJOUFOBODF TVQFSWJT
"JSDSBGU NFDIBOJD
"JSDSBGU SFTUPSFS
"JSDSBGU TFSWJDF UFDIOJDJBO
"JSGSBNF BOE QPXFS QMBOU NFDI
"JSGSBNF NFDIBOJD
WJBUJPO NBJOUFOBODF UFDIOJDJB
Helicopter mechanic
Maintenance mechanic
Pneudraulic systems mechanic (aircraft)
Powerplant mechanic (aircraft)
Rocket engine component mechanic

Unit Group 7232

Aircraft Engine Mechanics and Repairers

"JSDSBGU FOHJOF NFDIBOJDT BOE SFQBJSFST mU JOTUBMM
WJDF SFQBJS BOE PWFSIBVM BTTFNCMF BJSDSBGU FOHJOFT BOE
assemblies, such as airframes and hydraulic and pneumatic systems.

5BTLT JODMVEF o

B mUUJOH FYBNJOJOH UFTUJOH BOE TFSWJDJOH BJS DSBGU FOHJOFT

(b) replacing engine components or complete engines;

D FYBNJOJOH BOE JOTQFDUJOH BJSGSBNFT BOE BJS craft components, including landing gear, hydraulic systems and de-icers to detect wear, DSBDLT CSFBLT MFBLT PSDPBUJOH TQBDF MFQT BJSFST mU JOTUBMM

E NBJOUBJOJOH SFQBJSJOH BOE PWFSIBVMJOH BJSDSBGU fying and testing aircraft structural, meDIBOJDBM BOE IZESBVMJDNPUPS TZTUFNT F SFBEJOH BOE JOUFSQSFUJOH NBOVBM bulletins and other speci cations to determine the feasibility and method of repairing or replacing malfunctioning or damaged DPNQPOFOUT

(f) maintaining, repairing and rebuilding aircraft structures, functional components and parts such as wings and fuselage, rigging, hyESBVMJD VOJUT PYZHFO TZTUFNT HBTFLFUJTBTFNCMJFT BOE WFSUFUST BOE JO nJHIU SFGVFMJOH TZTUFNT

(g) inspecting completed work to certify that maintenance meets standards and the airDSBGU JT SFBEZ GPS PQFSBUJPO

(h) maintaining repair logs, documenting all preWFOUJWF BOE DPSSFDUJWF BJSDSBGU

(i) installing and testing electrical and electronic components, assemblies and systems in airDSBGU

(j) connecting components to assemblies such as radio systems, instruments, magnetos, in-

Examples of the occupations classi ed here:
"FSPNFDIBOJD

Some related occupations classi ed elsewhere:
"FSPOBVUJDBM FOHJOFFS o
"JSDSBGU FOHJOF NFDIBOJDT BOE SFQBJSFST mU JOTUBMM
WJDF SFQBJS BOE PWFSIBVM BTTFNCMJFT BJSDSBGU FOHJOFT BOE
"WJPOJDT UFDIOJDJBO o
"JSDSBGU FOHJOF BTTFNCMFS o

Unit Group 7233

Agricultural and Industrial Machinery Mechanics and Repairers

"HSJDVMUVSBM BOE -JOEVTUSJBM NBDIJOFSZ BOE FRVJQNFOU TFSWJDF BJSDSBGU
B mUUJOH JOTUBMMJOH FYBNJOJOH repairing engines, machinery and mechanJDBM FRVJQNFOU

(b) oiling and greasing stationary engines and NBDIJOFSZ

(c) inspecting and testing new machinery and NFDIBOJDBM FRVJQNFOU GPS DPOGP
FMFDUSJDBM TZTUFNT HBTFLFUJTBTFNCMJFT BOE FR
SFNPWF QBSUT BOE NBLF SFQBJST
F FYBNJOJOH QBSUT GPS EFGFDUT TVI

(f) operating newly repaired machinery and

(g) recording repairs and maintenance performed.

Examples of the occupations classi ed here:
Construction machinery mechanic
Construction machinery repairer
Farm machinery repairer
.JOJOH NBDIJOFSZ mUUFS
.JOJOH NBDIJOFSZ SFQBJSFS

Stationary engine tter
Stationary engine repairer
5SBJO FOHJOF mUUFS
5SBJO FOHJOF SFQBJSFS

Some related occupations classi ed elsewhere:
"JS DPOEJUJPOJOH FRVJQNFOU NFDIBOJD o E 7127
&MFDUSJDBM NFDIBOJD o E
.FDIBOJDBM NBDIJOFSZ BTTFNCMZ SQFDJBMJTU o E

Unit Group 7234

Bicycle and Related Repairers

Bicycle and related repairers t, maintain, service and repair wheelchairs and similar non-motorized transportation equipment

5BTLT JODMVEF o

B FYBNJOJOH TFSWJDJOH BOE SFQBJSJOH CJDZDMFT BOE PUIFS OPO NPUPSJ[FE USBOTQPSUBUJPO FRVJQNFOU
(b) cleaning and lubricating bearings and other NPWJOH QBSUT
(c) replacing and repairing components and accessories
DPNQPOFOUT TVDI BT CSBLFT HFBST E NFDIBOJTNT XIFFMT BOE IBOEMFCBST
&MFDUSJDBM NFDIBOJD o E DIBOHJOH UZSFT BOE DPOUSPMMJOH GSBNFT
(f) assembling new bicycles, wheelchairs and TJNJMBS OPO NPUPSJ[FE FRVJQNFOU

Examples of the occupations classi ed here:
Bicycle mechanic
Bicycle repairer
Perambulator repairer
Wheelchair repairer
FWDeIBhDr JDaBrM BOE SFMBUFE FRVJQNFOU PG CJDZDMFT SJDLTIBXT CBCZ DBSSJBHFT

Some related occupations classi ed elsewhere:
.PQFE SFQBJSFS o
.PUPSJ[FE SJDLTIBX NFDIBOJD o

Sub-ma~or Group 73

Handicraft and Printing Workers

Handicraft and printing workers combine artistic and manual skills to design, produce, maintain and decorate precision instruments, musical instruments, jewellery and other precious NFUBMT QPUUFSZ QPSDFMBJO BOE HUMFBYTUJXMBFS FMFJBUFNFTS NPBSE SFFMGBXPE UFSJBMT BOE QSJOUFE QSPEVDUT TVDI[JBOTFCPPILFZ KDQFQXMQBUQSBSETJUBODEOB BOE PS SFDFOUMZ EFWFMPQFE UFDIOXKFVBFWTFUBPODEBIS FWDFPSNEPUWFM EWBSTJTH BSUJDMFT UP DPNQPTF BOE TFUBOUZQPFQFQSSBJUFSQUSFJOQUSJODHUQJSDHTTE CJOE BOE mOJTI QSJOUFE QSPEVDFUSTBUBCTHDSUFFOQ-QSSQDBUSJFOHTUFROVD NFOU $PNQFUFOU QFSGPSNBODF JO NPSTUHSBDMVQQSBFURJVDSTFJTOTWUJMTMTTV UIF TFDPOE *4$0 TLJMM MFWFM

5IF XPSL NBZ CF DBSSJFE PVU CZ IUBPOEMFTSBJDGEWIFBNDWEFIFUMIE YQTPX FPS UPPMT BOE JO TPNF DBTFT UIF TFUBOVEQ NBBDEIJPQFFUSFBRUMJPO5PFG UNBBTDLTJ call for an understanding of the work organization, materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTUETFVCNBULJOPHS BHCSEPVSQFQVBTJVSBJMONHZ OBVUJDBM NFUFPNSPBMOPEHPDUBFMS QPSQFUDUDTBJBPDE JFORTVJSQVNNFFOU NBLJOH BO SFQBJSJOH NVTJDBM JOTUSVNFOUT NUBBLMJXOBHSKFFXNFBMMEHSHZQBPUEUFQSSZF QPSDFMBJO XBSF DFSBNJDT BOE HMBWTBXSBJSPFV TQBSTOUJDOMHFTBOEQSEFFEVP IBOEJDSBGU BSUJDMFT JO XPPE PSFUSEYBUMJTMFQFMSFGBPUSNSTOBHOEQSSJFOMUBJUC CPPL CJOEJOH UBTLT 4VQFSWJTJPE PG PUIFS XPSLFST NBZ CF

0DDVQBUJPOT JO UIJT TVC NBKPS HBXJVQHBNSJFODPMSBHTSEJMQE JOUP UIF

731 Handicraft Workers

732 Printing Trades Workers

Minor Group 731

Handicraft Workers

Handicraft workers combine artistic and manual skills to design, make, repair, adjust, maintain and decorate precision instruments, musical instruments, jewellery and other precious NFUBMT QPUUFSZ BOE QPSDFMBJO XPBSSSFF5FFOZUBMQQEMFZWEFMBEQJFUEJEOE OJRVFTUP DBSWF NPVME BTTFNCMBTTXFEWFSBNJED EUDFAYSUBMMF WTBUSSJ stone, wood and leather articles.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF NNBBJLOJUOBHJODJBOMJCSSEUJOTHUBSMFQ NVTJDBM BOE QSFDJTJPO JOTUSVNFJOSUTOHGBSSSBJQQBSUBJOTHJOBHE KVXUEMOV DFSFNPOJBM PS SFMJHJPVT JUFNBTMTHPSMEHFTNJTMWDFVSUJUOIHFSmQMSJFOD ishing and setting precious and semi-precious stones including gems and diamonds, and enHSBWJOH EFTJHOT PO KFXFMMFSZ BSQJEOEQSQFPUJUFVFSTZNFQUPBSMDBMBUJOMXFBT TBOJUBSZ XBSF CSJDLT UJMFT MBBDEIJBOCFSBCTMJPWXFOXHIFFNMVTMCEZOIHB pressing, cutting, trimming, grinding and polishing glass, or shaping molten glass according UP QBUUFSOT EFDPSBUJOH BSUJEMBTTTNBDEFFSBNJJXDFTPBEENFPUBMS terials, and planning, laying out and painting letters, gures, monograms and designs to make TJHOT BQQMZJOH USBEJUJPOBM SUFHDOBUJRPVCFTUPT VQDSIFQBSTFFXBPTPPE TUSBX SBUUBO SFFE TUPOF DMOBEZDTBISFWMJMOTHBONEPVPNUEFSHNBBUTFTFJNBOMT XFBWJOH PS QBJOUJOH BOE EFDPSBUWJOPS WPBVSTJFFPVTMEBSVTJFDRMSFTGRSP EFDPSBUJWF QVSQPTFT QSFQBSJOHSNBOCUSSYSJBFMTTBUDFE NCBSPPNXTJDBEOSE XFBWJOH WBSJPVT LJOET PG CBTLFUFTT EBQDQEMZJBOUHUSSDEJWJPPQDBSMPEU XPWFO GBCSJDT LOJUUFE FNCSPJEFFSMPE BSUEJDMFFTS HBSNFOUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSHEJDJMHBSTFVJQFE JOUP UIF GPM

7311 Precision-instrument Makers and Repairers

7312 Musical Instrument Makers and Tuners

7313 Jewellery and Precious Metal Workers
7314 Potters and Related Workers
7315 Glass Makers, Cutters, Grinders and Finishers
7316 Signwriters, Decorative Painters, Engravers and Etchers
7317 Handicraft Workers in Wood, Basketry and Related Materials
7318 Handicraft Workers in Textile, Leather and Related Materials
7319 Handicraft Workers Not Elsewhere Classified

Unit Group 7311

Precision-instrument Makers and Repairers

Precision-instrument makers and repairers make, calibrate, repair, maintain, adjust and install mechanical watches and clocks, and nautical, meteorological, optical and other precision J O T U S V N F O U T B O E F R V J Q N F O U correct performance.

5 B T L T J O D M V E F o

(a) repairing, cleaning and adjusting mechanisms of timing instruments such as watches B O E D M P D L T
(b) adjusting timing regulators, using calipers, X B U D I S B U F S F E D P S E F S T B O E U X F F [F S T
(c) cleaning, rinsing and drying timepiece parts, using solutions and ultrasonic or mechanical X B U D I D M F B O J O H N B D I J O F T
(d) testing timepiece accuracy and performance, V T J O H N F U F S T B O E P U I F S F M F D U S P O J D J O T U S V N F O U T
(e) testing accuracy of meters, gauges, indicators or other recording or controlling instruments U P M P D B U F E F G F D U J W F D P N P O F O U T
(f) calibrating instruments or scales, using hand G P S N J U Z X J U I U S B O E B S E T U P P M T B O E D P N Q V U F S P S F M F D U S P O J D
(g) inspecting components, connections and E S J W F N F C H A N I S M S U P E F U F C T
(i) testing, calibrating and adjusting electronic, mercurial, aneroid and other types of meteorological instruments for compliance with printed specifications and schematic dia- H S B N T V T J O H W P M U N F U F S C B S P N F U F S T D P O U S P M W B U E R grometers, speedometers, tachometers and U I F S N P T U B U T
(j) adjusting and repairing masts, supporting structures, clearance lights, control panels, control cabling and wiring, and other elec- U S J D B M B O D N F C H A N I C A L E G F W J U D V F O J O H B O E T F S W J C J O H Q J
(k) repairing and setting optical instruments such as microscopes, telescopes, theodolites B O E T F Y U B O U T
(l) checking whether assembled units conform to speci cations and ensuring stipulated perfor- N B O D F B O E T F O T J U J W J U Z C Z T U S B N E B S E U F T U T

Examples of the occupations classi ed here:

* O T U S V N F O U N F U F P S P M P H J D B M N B L F
1 I P U P H S B Q I J D F R V J Q N F O U S F Q B J S F S
Surgical instrument maker
Watchmaker

Some related occupations classi ed elsewhere:

0 S U I P Q B F E J D B Q Q M J B O D F N B L F S o
- P D L T N J U I o
. B D I J O F U P P M P Q F S B U P S o
8 B U D I B T T F N C M F S o

Unit Group 7312

Musical Instrument Makers and Tuners

. V T J D B M J O T U S V N F O U N B L F S B O E U V O F U I F N U P U I F S F R V J I B O E P S Q P X F S U P P M T 5 I F Z V S V B M M Z D P N P O F O U T , S U C H A S S T R I N G E D P I A N O S O R P E R C U S S I O N I N S T R U M E N T S .
(a) fabricating and assembling musical instruments and instrument parts of wood, ebonite, metal or plastic materials
(b) repairing, replacing or adjusting musical instrument parts and components such as strings, bridges, felts and keys, using hand and power U P P M T
(c) applying, repairing or replacing musical instrument V B U F U I F J S T P V N D E F G F D U S
(e) adjusting lips, reeds or toe holes of organ Q J Q F T V T J O H I B N D U P P M T U P S F B O E M P V E O F T T P G T P V N D E F G F W J U D V F O J O H B O E T F S W J C J O H Q J
justing pitch of organ pipes to conform with pitch of the tuning fork and adjusting pitch of other pipes with reference to pitch P G U V O F E Q J Q F T
(g) installing new drumheads in percussion in-

(h) tuning accordions by aurally comparing pitch of reeds with master reeds and ling SFFET UP PCUBJO TUBOEBSE Q JUDIM XBSF

(i) aligning pads and keys on reed or wind in- TUSVNFOUT

K UVOJOH QFSDVTTJPO JOTUSDPVNQFOUTF TUBOEBSE PSDIFTUSBM PNFUFST pitch by tightening or loosening cords L FYBNJOJOH BTTFNCMFE PS mOJTIFE C IPMEJOH MFBUIFS QJFDFT m YensureBconformity with specification, using FOEET PG UIF JOTUSVNFOU magnifying glasses or precision measuring

(k) assembling and installing new pipe organs and pianos in buildings.

Examples of the occupations classi ed here:
Brass instrument repairer
Piano tuner
Stringed instrument maker
Woodwind instrument maker

J FOHSBWJOH PS FNCPTTJOH MF EFDPSBUJWF MJOFT PO KFXFMMFSZ

(j) grinding, drilling and nishing jewel bearings for use in precision instruments such as

Examples of the occupations classi ed here:
Enameller (jewellery)
(FN TFUUFS
(PMETNJUI
Jeweller
4JMWFSTNJUI

Unit Group 7313
Jewellery and Precious Metal Workers

Jewellery and precious metal workers design, fabricate, adjust, repair or appraise jewellery, DFSFNPOJBM PS SFMJHJPVT TJWF NXTIFHMPTMEZ TBMVEPSS PZUNFBDIJOF QSFDJPVT NFUBMT PS HFNTT5BT5LITF ZODDMVEmodMF QPMJTI and set precious and semi-precious stones in- BNBLJOH BSUJDMFT PG QPUUFSZ BOE DMVEJOH HFNT BOE EJBNPOET BOENBDJOHBWDFBZTJSQOTMBTUFS PG QBSJT PO KFXFMMFSZ BOE QSFDJPVT reading blueprints or drawings to know the cus- UPNFS T SFRVJSFNFOUT cut and polish diamonds for industrial purposes.

5BTLT JODMVEF o

(a) casting jewellery and other non-ferrous metal BSUJDMFT CZ IBOE

(b) creating new jewellery designs and modi- GZJOH FYJTUJOH EFTJHOT OFDFTTBSZ

(c) cutting designs in moulds or other materials to be used as models in the fabrication of NFUBM BOE KFXFMMFSZ QSPEVDUT E BMUFSJOH FYJTUJOH KFXFMMFSZ QJFDFT UP SFQPTJUJPO KFXFMT PS

(e) repairing, reshaping and restyling old jewellery or precious metal ware following designs PS JOTUSVDUJPOT

(f) making complete jewellery articles such as rings, necklaces, bangles, brooches and CSBDFMFUT GSPN NBUFSJBMT platinum and precious or semi-precious TUPOFT

H FYBNJOJOH HFN TVSGBDFT tures, using polariscopes, refractometers, microscopes and other optical instruments UP EJ FSFOUJBUF CFUXFFVOTJTUHPDEFMTMJQPSTEBFOEUJGZQMBUFT SBSF TQFDJNFOT PS UP EFUFSNJOF XIFUIFS QDSFOBSXJOHXPSDUPBST PS FYI QFDVMJBSJUJFT B FDUJOH HHFANTWBMVFT

(h) cutting and polishing gems and setting them JO KFXFMMFSZ BSUJDMFT

Unit Group 7314
Potters and Related Workers

Potters and related workers prepare pottery, porcelain ware, sanitary ware, bricks, tiles and abra- TJWF NXTIFHMPTMEZ TBMVEPSS PZUNFBDIJOF QSFDJPVT NFUBMT PS HFNTT5BT5LITF ZODDMVEmodMF QPMJTI B NBLJOH BSUJDMFT PG QPUUFSZ BOE BOENBDJOHBWDFBZTJSQOTMBTUFS PG QBSJT

(c) reading blueprints or drawings to know the cus- UPNFS T SFRVJSFNFOUT

(d) forming articles on the potter s wheel by QSFTTJOH UIVNCT JOUP DFOUSF clay to form hollows, and pressing on the inside and outside of emerging clay cylinders with hands and fingers, gradually raising and TIBQJOH DMBZ UP EFTJSFE GPSNT BOE

(e) adjusting wheel speeds according to the feel of the clay as pieces enlarge and walls

(f) operating jiggering machines to form ceramic DFSBNJD XBSF TIBQFT TVDI BT CPXMT DVQT QMBUFT BOE TBVDFST

(g) adjusting and setting controls of pug mills UIBU NJY FYUSVEF DVU BOE EFQ DIBSHFT JO PS PWFS NPVMET BT TQFD

(h) smoothening surfaces of finished pieces, J GPSNJOH BCSBTJWF XIFFMT C QSFTTJOH BO BCSBTJWF NJYUVSF

K FYBNJOJOH mOJTIFE XBSF GPS EFGF fying accuracy of shapes and sizes of objects, DJMJUBUF TBMF PS FYIJCJUJPO PG

(i) aligning pads and keys on reed or wind in- TUSVNFOUT

K UVOJOH QFSDVTTJPO JOTUSVNFOUT pitch by tightening or loosening cords IPMEJOH MFBUIFS QJFDFT FOEET PG UIF JOTUSVNFOU

(k) assembling and installing new pipe organs and pianos in buildings.

Examples of the occupations classi ed here:
Brass instrument repairer
Piano tuner
Stringed instrument maker
Woodwind instrument maker

J FOHSBWJOH PS FNCPTTJOH MF EFDPSBUJWF MJOFT PO KFXFMMFSZ

(j) grinding, drilling and nishing jewel bearings for use in precision instruments such as

(k) assembling and installing new pipe organs and pianos in buildings.

Examples of the occupations classi ed here:
Brass instrument repairer
Piano tuner
Stringed instrument maker
Woodwind instrument maker

Unit Group 7313
Jewellery and Precious Metal Workers

Jewellery and precious metal workers design, fabricate, adjust, repair or appraise jewellery, DFSFNPOJBM PS SFMJHJPVT TJWF NXTIFHMPTMEZ TBMVEPSS PZUNFBDIJOF QSFDJPVT NFUBMT PS HFNTT5BT5LITF ZODDMVEmodMF QPMJTI and set precious and semi-precious stones in- BNBLJOH BSUJDMFT PG QPUUFSZ BOE DMVEJOH HFNT BOE EJBNPOET BOENBDJOHBWDFBZTJSQOTMBTUFS PG QBSJT PO KFXFMMFSZ BOE QSFDJPVT reading blueprints or drawings to know the cus- UPNFS T SFRVJSFNFOUT cut and polish diamonds for industrial purposes.

5BTLT JODMVEF o

(a) casting jewellery and other non-ferrous metal BSUJDMFT CZ IBOE

(b) creating new jewellery designs and modi- GZJOH FYJTUJOH EFTJHOT OFDFTTBSZ

(c) cutting designs in moulds or other materials to be used as models in the fabrication of NFUBM BOE KFXFMMFSZ QSPEVDUT E BMUFSJOH FYJTUJOH KFXFMMFSZ QJFDFT UP SFQPTJUJPO KFXFMT PS

(e) repairing, reshaping and restyling old jewellery or precious metal ware following designs PS JOTUSVDUJPOT

(f) making complete jewellery articles such as rings, necklaces, bangles, brooches and CSBDFMFUT GSPN NBUFSJBMT platinum and precious or semi-precious TUPOFT

H FYBNJOJOH HFN TVSGBDFT tures, using polariscopes, refractometers, microscopes and other optical instruments UP EJ FSFOUJBUF CFUXFFVOTJTUHPDEFMTMJQPSTEBFOEUJGZQMBUFT SBSF TQFDJNFOT PS UP EFUFSNJOF XIFUIFS QDSFOBSXJOHXPSDUPBST PS FYI QFDVMJBSJUJFT B FDUJOH HHFANTWBMVFT

(h) cutting and polishing gems and setting them JO KFXFMMFSZ BSUJDMFT

Unit Group 7314
Potters and Related Workers

Potters and related workers prepare pottery, porcelain ware, sanitary ware, bricks, tiles and abra- TJWF NXTIFHMPTMEZ TBMVEPSS PZUNFBDIJOF QSFDJPVT NFUBMT PS HFNTT5BT5LITF ZODDMVEmodMF QPMJTI B NBLJOH BSUJDMFT PG QPUUFSZ BOE BOENBDJOHBWDFBZTJSQOTMBTUFS PG QBSJT

(c) reading blueprints or drawings to know the cus- UPNFS T SFRVJSFNFOUT

(d) forming articles on the potter s wheel by QSFTTJOH UIVNCT JOUP DFOUSF clay to form hollows, and pressing on the inside and outside of emerging clay cylinders with hands and fingers, gradually raising and TIBQJOH DMBZ UP EFTJSFE GPSNT BOE

(e) adjusting wheel speeds according to the feel of the clay as pieces enlarge and walls

(f) operating jiggering machines to form ceramic DFSBNJD XBSF TIBQFT TVDI BT CPXMT DVQT QMBUFT BOE TBVDFST

(g) adjusting and setting controls of pug mills UIBU NJY FYUSVEF DVU BOE EFQ DIBSHFT JO PS PWFS NPVMET BT TQFD

(h) smoothening surfaces of finished pieces, J GPSNJOH BCSBTJWF XIFFMT C QSFTTJOH BO BCSBTJWF NJYUVSF

K FYBNJOJOH mOJTIFE XBSF GPS EFGF fying accuracy of shapes and sizes of objects, DJMJUBUF TBMF PS FYIJCJUJPO PG

Examples of the occupations classi ed here:
"CSBTJWF XIFFM NPVMEFS
Brick and tile moulder
Potter
Pottery and porcelain caster
Pottery and porcelain modeller

Some related occupations classi ed elsewhere:
$FSBNJD BSUJTU o
,JMO PQFSBUPS CSJDL BOE TJNJMBS
,JMO PQFSBUPS QPUUFSZ BOE TJNJMBS

Unit Group 7315
Glass Makers, Cutters, Grinders and Finishers

(MBTT NBLFST DVUUFST HSJOEFST BOE GJOJTIFST
blow, mould, press, cut, trim, grind and polish glass, and shape molten glass according to patterns.

5BTLT JODMVEF o
B IFBUJOH HMBTT UP QMJBCMF TUBHF VTJOH HBT nBNFT PS PWFOT BOE SPUBUJOH HMBTT UVCJOH GPS NZ
(b) blowing and bending glass tubing into specied shapes to form scienti c apparatus such BT nBTLT SFUPSUT BOE QJQFUUFT
(c) grinding and polishing glass objects or parts to correct defects or to prepare surfaces for further finishing and smoothing and polishing rough edges, using belt sanders or QPMJTIJOH XIFFMT
E FYBNJOJOH HMBTT TUPDL BOE NBUFSJBMT GPS and marking or discarding items with defects such as spots, stains, scars, snags, chips, TDSBUDIFT PS VOBDDFQUBCMF
(e) reading work orders to determine dimensions, quantities of materials required and TJPOT DVUUJOH MPDBUJPOT
G PCTFSWJOH HBVHFT DSBGUTNFO UP WFSJGZ WJEFP NPOJUPST UP WFSJGZ conditions and make adjustments as neDFTTBSZ
(g) positioning patterns or drawings on glass, measuring dimensions, and marking cutting lines, using glass cutting tools and cutting glass along marked outlines or around patUFSO
(h) setting up, operating and adjusting computFSJ[FE PS SPCPUJD HMBTT DVUUJOH
(i) inspecting, weighing and measuring products UP WFSJGZ DPOGPSNJUZ using instruments such as micrometers, calMJQFST NBHOJmFST BOE SVMFST
K SFHVMBUJOH PWFO UFNQFSBUVSF TIFMWJOH HMBTT UZQFT UP CF QSPDFTTFE

L USBOTGFSSJOH QBUUFSOT GPS JOE glass parts from full size drawings to pattern
QBQFS VTJOH TUZMVT UP USBDF ES
M TQSBZJOH TJMWFS TPMVUJPO PO H NJSSPSFE TVSGBDF VTJOH TQSBZ HV
(m) laying out cutting and grinding optical and other glass to specified dimensions and weight for moulding into lens blanks and for use as watch crystals.

Examples of the occupations classi ed here:
(MBTT QSPEVDUJPO PQFSBUPS o
(MBTT DVUUFS
(MBTT mOJTIFS
(MBTT HSJOEFS

Some related occupations classi ed elsewhere:
(MBTT QSPEVDUJPO GVSOBDF PQFSBUPS

Unit Group 7316
Signwriters, Decorative Painters, Engravers and Etchers

(MBTT TJHOXSJUFST EFDPSBUJWF QBJOUFST
etchers decorate articles made of wood, metal, UFYUJMFT HMBTT DFSBNJDT BOE PU 5IFZ QMBO MBZ PVU BOE QBJOU MFUUFST BOE EFTJHOT UP NBLF TJHOT B BOE FUDI PSOBNFOUBM BOE nPSBM EFTJ and other articles.

5BTLT JODMVEF o
B QBJOUJOH EFDPSBUJWF GSFFIBOE E jects such as pottery, glass, cigarette cases or
C USBOTGFSSJOH EFDPS BUJWF PS PS TJHOT POUP BSUJDMFT GSPN QBQFS such as line, space, mass, colour and perBOE FDRVJWBMFOUT TUSBOTGFSSJOH EFTJHOT PS JMMVTUSBUJPOT UP QSPEVDF EF such as the illustration of ideas, emotions BOE TPGUXBSF
(d) laying out and painting in one or more languages letters, gures, monograms and deTJHOT UP NBLF TJHOT
(e) sketching or tracing designs or lettering onto work pieces or pattern materials to prepare QBUUFSOT PS TUFODJMT
(f) designing patterns or lettering to paint work pieces such as signs, glassware, pottery or
H VTJOH TPGUXBSF BOE SPVUJOF DPNQVUFS for application onto larger signage as well as
FOHSBWFE BOE JOMBJE TJHOT
TJHOT UP CF QSPEVDFE VTJOH OPSNBM lettering, or lettering that is shadowed with

BQQMJFE WJOZM PS MFUUFS JOH BOE PUIFS HSBQIJD TJHOT BOE QPUUFSZ PS QPSDFMBJO XBSF
GPS BQQMJDBUJPO E DBSWJOH BTTFNCMJOH XFBWJOH
(i) writing, painting or printing signs or show DBSET VTFE GPS EJTQMBZ PSFDUPSFBU QVSQPTFT IPVTFIPME VTF TVDI BT TBMBE CPXMT
(j) cutting out letters and signs for display pur- poses from wallboard or cardboard, by hand or machines such as electrically powered jig- TBXT PS CBOETBXT
L FYBNJOJOH TLFUDIFT EFJBDHSBWJOHTBNQMFTMJOH XFBWJOH
blueprints or photographs to decide how de- TJHOT BSF UP CF FUDIFE DVU PS FOHSBWFE XPPET PS
XPSL QJFDFT
(l) measuring and computing dimensions of let- UFSJOH EFTJHOT PS QBUUFSOT FOHSBWJOH BOE QSJOUJOH
N FOHSBWJOH BOE QSJOUJOH
designs, etchings, trademarks, gures or let- UFSJOH POUP nBU PS DVSWFE TVSGBDFT
WBSJFUZ PG NFUBM HMBTT QMBTUJD PS DFSBNJD
O FUDIJOH EFDPSBUJWF EFTJHOT
ings and other gures on glass articles.

Examples of the occupations classi ed here:
%FDPSBUJWF QBJOUFS
(MBTT FOBNFMMFS
(MBTT FOHSBWFS
(MBTT FUDIFS
Signwriter

Some related occupations classi ed elsewhere:
#VJMEJOH QBJOUFS o
.BOVGBDUVSFE BSUJDMFT QBJOUFE PS EFDPSBUFE
7FIJDMF QBJOUFS o
$FSBNJDT QBJOUJOH NBDIJOF PQFSBUPS
(MBTT QBJOUJOH NBDIJOF PQFSBUPS

Unit Group 7317

Handicraft Workers in Wood, Basketry and Related Materials

Handicraft workers in wood, basketry and re- MBUFE NBUFSJBMT BQQMZ USBEJUJPOBM UFDIOJRVFT TVDI
as seasoning or impregnation to prepare wood, straw, rattan, reeds, clay, shells and other ma- UFSJBMT BOE DBSWF OPSNBMMZ XPSLJOH XJUI
QBJOU BOE EFDPSBUF WBSJPVT EFDPSBUJWF BSUJDMFT GPS
PS IPVTFIPME VTF PS GPS EFDPSBUJWF QVSQPTFT
#BTLFUSZ XFBWFST CSVTI NBLFST BOE SFMBUFE
workers select and prepare materials such as bristles, nylon, bre, bass, whisker and wire to make wicker furniture, brushes and brooms, and UP XFBWF WBSJPVT LJOET PG CBTLFUT CSVTIFT
5BTLT JODMVEF o
(a) preparing wood, straw, rattan, reeds, shells PS TJNJMBS NBUFSJBMT
C DBSWJOH nPSBM BOE BSUJTUJD EFTJHOT PO XPPEXPSLJOH BOE PUIFS mCSFT
TVSGBDFT GPS EFDPSBUJWF QVSQPTFT
(b) forming bottoms of baskets by interlacing TUSJQT PG SBUUBO XPPE WFOFFS
terials with frameworks of rods of material TVDI BT XJMMPX
(i) inserting rods around bottom edges between XPWFO TFDUJPOT PG CPUUPN BOE CFO
VQSJHIU UP TFSWF BT GSBNFXPSL GPS
(j) selecting and preparing brush materials such as bristles, nylon, bres and wire, and setting UIFN JO CSVTI CBTF
(k) selecting and preparing materials such as broom corn, bass, whisker and fibre, and fastening them to broom handles.

Examples of the occupations classi ed here:
Basket maker
Brush maker
3FFE XFBWJOH IBOEJDSBGU XPSLFS
Wicker furniture maker
Wooden articles handicraft worker

Some related occupations classi ed elsewhere:
.BDIJOF PQFSBUPS XPPE QSPEVDU

Unit Group 7318

Handicraft Workers in Textile, Leather and Related Materials

)BOEJDSBGU XPSLFST JO UFYUJMF MFBU
NBUFSJBMT BQQMZ USBEJUJPOBM UFDIO
UFSOT UP QSPEVDF XPWFO GBCSJDT L
household use, as well as traditional footwear, handbags, belts and other accessories.
5BTLT JODMVEF o
(a) preparing leather, fur, textiles, rushes, willow TUSJQT PG MFBUIFS GVS UFYUJMFT SVTIFT XJMMPX
branches and similar materials
(b) forming bottoms of baskets by interlacing TUSJQT PG SBUUBO SFFET SVTIFT BOE TJNJMBS
materials with frameworks of rods of material TVDI BT XJMMPX
(i) inserting rods around bottom edges between XPWFO TFDUJPOT PG CPUUPN BOE CFO
VQSJHIU UP TFSWF BT GSBNFXPSL GPS
(j) selecting and preparing brush materials such as bristles, nylon, bres and wire, and setting UIFN JO CSVTI CBTF
(k) selecting and preparing materials such as broom corn, bass, whisker and fibre, and fastening them to broom handles.

Examples of the occupations classi ed here:
Basket maker
Brush maker
3FFE XFBWJOH IBOEJDSBGU XPSLFS
Wicker furniture maker
Wooden articles handicraft worker

Some related occupations classi ed elsewhere:
.BDIJOF PQFSBUPS XPPE QSPEVDU

C MBDF NBLJOH BOE -XFBWJOH
CSPJEFSJOH WBSJPVT HBSNFOUT
IPVTFIPME VTF
(c) preparing and dyeing hides with natural
EZFTUV T BOE NBLJOH USBEJUJPOBM
PS IBOECBHT CFMUT BOE PUIFS
E TQJOOJOH BOE XJOEJOH ZBSO CZ IBOE
F ESBXJOH XBSQ UISFBET
G XFBWJOH QMBJO PS mHVSFE
DBSQFUT PS PUIFS GBCSJDT
H NBLJOH DBSQFUT CZ VTJOH
(h) knitting garments and other articles on hand-
PQFSBUFE NBDIJOFT PS CZ IBOE
J DSPDIFUJOH PS NBLJOH CSBJE CZ IBOE
K NBLJOH OFUT CZ IBOE
L HSBEJOH BOE DMBTTJGZJOH
M XBTIJOH XPPM mCSFT
N DMFBOJOH BOE nV OH UFYUJMF mCSFT
O GPSNJOH GJCSFT JOUP
DPNCJOJOH TMJWFS JOUP
TMJWFS JOUP SPWF

Examples of the occupations classi ed here:
Carpets handicraft worker
$BSQFU XFBWFS
$MPUI XFBWFS
Knitter
Leather handicraft worker

Unit Group 7319
Handicraft Workers Not Elsewhere Classified

This unit group includes handicraft workers not elsewhere classified. For instance, the group includes traditional handicraft workers in non-precious metals and stone.

Examples of the occupations classi ed here:
Candle-maker (handicraft)
.FUBM UPZNBLFS
Stone articles handicraft worker

Minor Group 732
Printing Trades Workers

Printing trades workers compose and set type prior to printing, set up and operate printing presses, bind and nish printed products, and prepare stencils and operate screen printing
FRVJQNFOU

and other processes used to transfer copy to lm and produce lm for plate, cylinder and

0DDVQBUJPOT JO UIJT NJOPS HSPVQ

7321 Pre-press Technicians

7322 Printers

7323 Print Finishing and Binding Workers

Unit Group 7321
Pre-press Technicians

Pre-press technicians proof, format, set and com-
(a) operating graphic cameras and other

camera-ready copy onto films, plates and EJHJUBM PVUQVU EFWJDFT

(b) using computer applications to generate JNBHFT UFYU MBZPVUT QSJOU BOE PUIFS WJTVBM NFEJB

D PQFSBUJOH QMBUF NBL-JOH duce images from film to printing plates, EJHJUBM PVUQVU EFWJDFT

E PQFSBUJOH DPNQVUFS TDSFFOT for scanning, colour separation, colour correc- UJPO NBTLJOH DSFBUJW-F EFTJHOJOH posing, retouching, and other processes used to transfer copy to lm and produce lm for QMBUF EJHJUBM PVUQVU BOE DZMJOEFST

(e) carrying out digital and chemical proo ng GSPN EJHJUBM TZTUFNT BOE UJWF mMNT

G FWBMVBUJOH QSJOUF-E QSPEVDU SFDUJOH UIFN GPS RVBMJUZ

H QSFQBSJOH BOE FYQPTVSF PLATES laying on cylinders by transfer method, and EFWFMPQJOH JNBHFT

Examples of the occupations classi ed here:

Compositor
%FTLUPQ QVCMJTIJOH PQFSBUPS
Electronic pre-press technician
1IPUPHSBWVSJTU
Photolithographer
Plate maker (printing)
Plate mounter (screen printing)
Screen maker
5ZQFTFUUFS

Unit Group 7322

Printers

Printers set up and operate digital, letterpress, MJUIPHSBQIJD nFYPHSBQIJD and other printing presses.

5BTLT JODMVEF

(a) setting, adjusting and monitoring substrate- GFFE NFDIBOJTNT inking systems and other printing machine GVODUJPOT

C NJYJOH JOL BOE TPMWFOUT UP TUBOEBSE BOE SFHV MBUJOH QBQFS BOE JOL TVQQMJFT

D NPOJUPSJOH FWBMVBUJOH QSFTT UP DIFDL QSJOU RVBMJUZ PROPPGT BOE EFUFDU NBMGVODUJPOT

E QSPEVDJOH B WBSJFUZ PG QSFTT EJHJUBM SFMJFG MJUIPHSBQIJD HSBWVSF QSJOUJOH QSFTTFTT TZTUFNT

(e) preparing plates, blankets and impression DZMJOEFST PO TNBMM P TFU MJUIP QSFTTFT

G MPBEJOH QBQFS JOUP GFFEJOH NFD

(h) maintaining, adjusting, repairing and cleaning NBDIJOFT QSJOUJOH

(f) producing digital printing images, and transferring and outputting images.

Examples of the occupations classi ed here:

Block printer
%JHJUBM JNBHJOH QSFTT PQFSBUPS
Feeder operator (printing)
'MFYPHSBQIJD QSFTT PQFSBUPS
Large sheet-fed press operator
Screen printer
Screen printing press operator
Small press operator
Web press operator

Unit Group 7323

Print Finishing and Binding Workers

Print nishing and binding workers bind books and other publications, and nish printed products by hand or machine.

5BTLT JODMVEF

B TFUUJOH VQ BOE TVQFSWJTJOH UIF BVUPNBUJD CJOEJOH BOE mOJTIJOH F

(b) binding full, half and limp-bound books, and SFQBJSJOH CJOEJOHT

(c) folding, collating and sewing signatures by NBDIJOF BOE IBOE

(d) operating paper guillotines for pre-press and post-press paper cutting and trimming, and programming electronically operated

(e) operating systems to insert printed material JOUP OFXTQBQFST NBHB[JOFT BOE

(f) embellishing printed products automatically

(g) operating photographic and electronic repro- EVDUJPO EFWJDFT

Examples of the occupations classi ed here:

Book binder
Collator operator
Cutter operator
Folder operator
Perfect binder operator
Saddle-stitch operator
Small machine bindery worker

Sub-ma~or Group 74
Electrical and Electronics Trades Workers

Electrical and electronics trades workers install, t and maintain electrical wiring systems and machinery and other electrical apparatus, electrical transmission and supply lines and cables,
BOE FMFDUSPOJD BOE UFMFDPNNVOJDBUJPOT JOTUBMMFST BOE SFQBJSFST
NPTU PDDVQBUJPOT JO UIJT TVC NBKPS HSPVQ BSF HFOFSBMMZ SFRVJSFE UP
5IF XPSL JT DBSSJFE PVU CZ IBOE BOE QPXFSFE FRVJQNFOU BOE UPPMT
SFFVDF UIF BNPVOU PG QIZTJDBM FGGPSU SFRVJSFE UP DBSSZ PVU UIF UBTLT
UIF RVBMJUZ PG UIF QSPEVDUT NBOVGBDUVSFE BOE UIF OBUVSF BOE QVSQPTF PG UIF
materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT HSPVQ JODMVEF
mUUJOH BOE BEKVTUJOH FMFDUSJDBM DPNQPOFOUT JO DPNQVUFS TZTUFNT
BNJOJOH CMVFQSJOUT XJSJOH EJBHOPTJOH BOE SFQBJSJOH FMFDUSPOJD
PG PQFSBUJPO JOTQFDUJOH BOE UFTUJOH FMFDUSJDBM DPNQPOFOUT
NBDIJOFSZ UP JEFOUJGZ IB[BSET FDPOPNJD MPTTFT BOE UP NBLF
UBJOJOH BOE SFQBJSJOH FMFDUSJDBM FRVJQNFOU TVDI BT NPUPST
UFMFDPNNVOJDBUJPOT BOE EBUB DBCMFT BOE FRVJQNFOU JOTUBMMFST BOE
SFQBJSJOH FMFDUSPOJD DPVQMJOH TZTUFNT BOE DPNQVUFS
BOE DPOUSPM TZTUFNT DPNQVUFST BOE OFUXPSL DPNQVUFS TZTUFNT

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ BSF DMBTTJGJFE JOUP UIF
741 Electrical Equipment Installers and Repairers
742 Electronics and Telecommunications Installers and Repairers

Minor Group 741
Electrical Equipment Installers and Repairers

&MFDUSJDBM FRVJQNFOU JOTUBMMFST BOE SFQBJSFST JOTUBMM NBJOUBJO
UFNT BOE SFMBUFE FRVJQNFOU FMFDUSJDBM QPXFS HFOFSBUJPO
transmission and supply lines and cables.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF FMFDUSJDBM XJSJOH FYQFSUT
TZTUFNT NBDIJOFSZ BOE FRVJQNFOU QFYJBMMJTUT BOE DPNQVUFS
EFUFSNJOF TFRVFODFT BOE NFUIPET TRUGJOPHQ FSMEFUJUPSJD-BOMTQZFTDUFJNOTH FBPO
NFOU DBCMFT BOE NBDIJOFSZ UP JEFOUJGZ FMFDUSJDBM GBVMUT BOE
JOTUBMMJOH NBJOUBJOJOH BOE SFQBJSJOH FMFDUSJDBM TZTUFNT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF DMBTTJGJFE JOUP UIF GPM
7411 Building and Related Electricians
7412 Electrical Mechanics and Fitters
7413 Electrical Line Installers and Repairers

Unit Group 7411
Building and Related Electricians

Building and related electricians install, maintain and repair electrical wiring systems and re-
MBUFE FRVJQNFOU BOE mYUVSFT
5BTLT JODMVEF o
(a) installing, maintaining and repairing elec-
USJDBM XJSJOH TZTUFNT BOE EUSFFMOBFUFFE GFRSVJQENFOUPS SFQB
JO WBSJPVT CVJMEJOHT (e) selecting, cutting and connecting wire and
tals, commercial establishments, residential
CVJMEJOHT BOE PUIFS TUSVDUVSFT
C FYBNJOJOH CMVFQSJOUT XJSJOH E
TQFDJGJDBUJPOT UP EFUFSNJOF TF
NFUIPET PG PQFSBUJPO
(c) planning layout and installation of electrical
XJSJOH FRVJQNFOU BOE mYUVSFT CE
E JOTQFDUJOH FMFDUSJDBM TZTUFNT
components to identify hazards, defects and
TVGFUZ QSPCMFNT
DBCMF UP UFSNJOBMT BOE DPOOFDU

(f) measuring and laying out installation refer-
F O D F Q P J O U S
(g) positioning and installing electrical switch-
C P B S E T
(h) testing continuity of circuits.

Examples of the occupations classi ed here:
Building repairs electrician
Electrician

Some related occupations classi ed elsewhere:
&MFDUSJDBM mUUFS o
&MFDUSJDBM NFDIBOJD o
&MFDUSJDBM MJOF JOTUBMMFS o

Unit Group 7412
Electrical Mechanics and Fitters

Electrical mechanics and tters t, adjust, install and repair electrical machinery and other elec-
USJDBM BQQBSBUVT BOE F-RVJQNFOU
UPSJFT NPUPS WFIJDMFT XPSLCTIPQT
5BTLT JODMVEF o
B mUUJOH BEKVTUJOH BOE
of electrical machinery and motors, generators, switchgear and control apparatus, in-
TUSVNFOUT PS FMFDUSJDBM
SFMBUFE FRVJQNFOU
(b) fitting, adjusting and repairing electrical parts in domestic appliances, industrial ma-
DIJOFT BOE PUIFS BQQMJBO
(c) inspecting and testing manufactured elec-
USJDBM QSPEVDUT
(d) installing, testing, connecting, commissioning, maintaining and modifying elec-
USJDBM FRVJQNFOU XJSJOH
F EFTJHOJOH JOTUBMMJOH
and repairing electric and hydraulic pas-
TFOHFS BOE GSFJHIU MJGUT
XBMLXBZT BOE PUIFS MJGU FRV
(f) connecting electrical systems to the power
TVQQMZ
H SFQMBDJOH BOE SFQBJSJOH

Examples of the occupations classi ed here:
"SNBUVSF CVJMEFS
"VUPNPUJWF FMFDUSJDJBO
Electrical generator tter
Electrical mechanic
Lift mechanic

Some related occupations classi ed elsewhere:
&MFDUSPOJDT NFDIBOJD o
&MFDUSJDBM FRVJQNFOU BTTFNCM

Unit Group 7413
Electrical Line Installers and Repairers

Electrical line installers and repairers install, repair and join electrical transmission and supply
DBCMFT BOE SFMBUFE FRVJQNFOU
5BTLT JODMVEF o
B JOTUBMMJOH BOE SFQBJSJOH PWFSI
ground electrical power and electrical trac-
DBCMFT
(c) Fabricating, splicing and joining
TVDI BT DIFDLJOH FRVJQNFOU S
FSFDUJOH CBSSJFST BSPVOE XPSL BS
(d) Operating switches for altering ground
WJDFT UP SFNPWF FMFDUSJDBM IB
UVSCFE PS GBMMFO MJOFT PS UP G
(e) climbing poles or using truck-mounted
WFIJDMFT UP BDDFTT FRVJQNFOU
G JEFOUJGZJOH EFGFDUJWF TFDUJPO
DJSDVJU CSFBLFST GVTFT WPMUBH
transformers, switches, relays or wiring, using wiring diagrams and electrical-testing
JOTUSVNFOUT
Examples of the occupations classi ed here:
Electric cable jointer
Electric power line worker

Some related occupations classi ed elsewhere:
%BUB CBTF BOE EBUB XBSFIPVTF QSPGFTTJPOBMT
5FMFDPNNVOJDBUJPOT MJOF XPSLF

Minor Group 742
Electronics and Telecommunications Installers and Repairers

Electronics and telecommunications installers and repairers t, maintain, adjust and repair
FMFDUSPOJD FRVJQNFOU TVDI BT
DPNQVUFS TZTUFNT JOTUBMM
TJPO FRVJQNFOU DBCMFT BOE
5BTLT QFSGPSNFE VTVBMMZ JODMVEF
BOE DPNQVUFS TZTUFNT UP

QBSUT BOE XJSJOH BOE NBJOUBJOJOH FMFDUSJDBM FRVJQNFOU TZTUFNT JOTUSVNFOUT BOE DPOUSPM TZTUFNT FYDFQU DPNQVUFS TZTUFNT USPVCMFTIPPUJOH mUUJOH BEKVTUJOH TFUUJOH UFBDIJOH JOTUBMMJOH BOE NBJOUBJOJOH DPNQVUFS QFSJQIFSBMT OJHHUBOEEMEJUBHHO-PNTBJOHUBNUBOMGW UJPOT PG NJDSPXBWF UFMFNFUSZSBNJUFE BOE NFMFDPNNVOJDBUJPOT TZTUFNT XBWF DPNNVOJDBUJPOT TZTUFNT QPSNWUJEJOHBOEDNEDUBMSJBEHW UIF QFSGPSNBODF PG DPNQMFY UFMFDPNNVOJDBUJPOT TZTUFNT BOE SFQBJSJOH DBCMJOH GPS DPNQVUFS USSBEJTNJUFMQIPOFT UBBEM maintaining and repairing antennae used in communications.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBYSEJDMBSTFWQFE JOUP UIF GPM

7421 Electronics Mechanics and Servicers

7422 Information and Communications Technology Installers and Servicers

Unit Group 7421

Electronics Mechanics and Servicers

&MFDUSPOJDT NFDIBOJDT BOE TFSWJDFST mU NBJOUBJO BEKVTU BOE SFQBJS FMFDUSPOJD FRVJQNFOU commercial and o ce machines and electronic instruments and control systems.

5BTLT JODMVEF o

B FYBNJOJOH BOE UFTUJOH FMFDUSPOJD FRVJQ ments, components, control systems and PUIFS FMFDUSPOJD FRVJQNFOU

(b) adjusting, repairing and replacing worn and EFGFDUJWF QBSUT BOE XJSJOHFOBUBOEBDDPNQBOZJOH NBDIJOFT FRVJQNFOU BOE JOTUSVNFOUT

(c) reassembling, test operating and adjusting FRVJQNFOU

(d) installing electronic instruments and control TZTUFNT

(e) coordinating work with that of engineers, technicians and other maintenance per- TPOOFM

(f) interpreting test data to diagnose malfunc- UJPOT BOE TZTUFNJD QFSGPSNBODF

(g) installing, adjusting, repairing or replacing electrical and electronic components, assemblies and systems, using hand tools, power UPPMT PS TPMEFSJOH JSPOT

(h) connecting components to assemblies such as radio systems, instruments, magnetos, in- WFSUFST BOE JO nJHIU SFGVFMMJOH

(i) keeping records of maintenance and repair work.

Examples of the occupations classi ed here:

"JSDSBGU NBJOUFOBODF FOHJOFFS
"VUPNBUFE UFMMFS NBDIJOFT
"WJPOJDT UFDIOJDJBO
&MFDUSPOJD FRVJQNFOU TFSWJDFS
Electronics mechanic
Photocopy machine technician

Some related occupations classi ed elsewhere:

"JS USB D TBGFUZ UFDIOJDJBO o

Unit Group 7422

Information and Communications Technology Installers and Servicers

*$5 JOTUBMMFST BOE TFSWJDFST J NBJOUBJO UFMFDPNNVOJDBUJPOT FRV USBOTNJTTJPO FRVJQNFOU DBCMFT B 5BTLT JODMVEF o QBJSJOH DPNQVUFST EBUB USBOTNJT QFSJQIFSBMT E QSPWJEJOH UFDIOJDBM BEWJDF BOE BOE NPOJUPSJOH UIF QFSGPSNBODF UFMFDPNNVOJDBUJPOT -OFUXPSLT B

(c) installing, maintaining, repairing and diag- OPTJOH NBMGVODUJP-OT PG NJD FUSZ NVMUJQMFYJOH TBUFMMJU BOE FMFDUSPNBHOFUJD XBWF DPNNV TZTUFNT

(e) installing and repairing cabling for computer, SBEJP UFMFQIPOF BOE UFMFWJTJPO U

(f) joining telecommunications and data cables, BOE TFBMJOH TIFBUIT

(g) installing, maintaining and repairing antennae used in communications.

Examples of the occupations classi ed here:

$PNNVOJDBUJPOT UFDIOPMPHZ TFSW
$PNQVUFS FRVJQNFOU mUUFS
Computer hardware installer
%JBHOPTUJD SBEJPHSBQIFS BOE BWJBUJPOBM FMFDUSPOJDT FRVJQNFOU S
5FMFDPNNVOJDBUJPOT MJOF XPSLFS
5FMFQIPOF JOTUBMMFS

Some related occupations classi ed elsewhere:

Engineering technician
UFMFDPNNVOJDBUJPOT o

Sub-ma~or Group 75

Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers

Food processing, woodworking, garment and other craft and related trades workers treat and process agricultural and sheries raw materials into food and other products, and produce and SFQBJS HPPET NBEF PG XPPE UFYSUJMFT $PNVQSFUMFOBUQFSSGPSSIPBOE JO NPTU PDDVQBUJPOT JO UIJT TVCUNBKPS HSPVQ

5IF XPSL JT DBSSJFE PVU CZ IBOE BOEPXFSFEVTBXOEJDQPXBFSSFEVTBEE EUPI SFEVDF UIF BNPVOU PG QIZTJDBM FmSUUBOTFUSJANFXRMJBSEFUSGPSNQTS UIF RVBMJUZ PG UIF QSPEVDUT 5IIPGUBTFXPSLBMSMHEOS[BUJPOO materials and tools used, and the nature and purpose of the nal product.

5BTLT QFSGPSNFE CZ XPSLFST JO UVJETF TUSFBEBKOS BHSPVQQSPDFTTBTMJN NFBU mTI HSBJO GSVJU WFHFUBCMFT BUOE TSFBMEBU FUEPNBDE BJDUPCBDDP QSPEVDUT UBTUJOH BOE HSFBEJOH FBDPUIFSBPEEVDUSTPBOE OBUVSBM mCSFT TLJOT BOE IJEFT BNDBE JPOHFBSOEPSPFQBNBEHVXSPOJEU QSFQBSJOH IJEFT TLJOT BOE QFMUQBGJSSJOGHVSFMSJMFF NHBSJNOHOBTE TIPFT BOE SFMBUFE QSPEVDUT 4VQFSJWJDTMFEG PUIFS XPSLFST NE

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSJFODPMSBHTEmQE JOUP UIF

751 Food Processing and Related Trades Workers

752 Wood Treaters, Cabinet-makers and Related Trades Workers

753 Garment and Related Trades Workers

754 Other Craft and Related Workers

Minor Group 751

Food Processing and Related Trades Workers

'PPE QSPDFTTJOH BOE SFMBUFE USSBEEUFTBXEPSQLSFSQBTMFBVHFINFBSC SFMBUFE GPPE JUFNT GPS IVNBO BOE BVCTJNBMEDTPEGVNQEBSEO DNBBLLF BOE PUIFS nPVS QSPEVDUT QSPDFBTTOE BSCFEMRUSFEFGSPWPFETGSVBUUR HSBEF WBSJPVT GPPE QSPEVDUT BOEOCEFMWBFLSBHUPTC BPDSDPQSQFSQEESVEUPC

5BTLT QFSGPSNFE VTVBMMZ JODMVEFNFTBUBBEEUmSTJOBHOBOQUSNFBQMBTS JUOSH UIFN BOE SFMBUFE GPPE JUFNT NBLJFCTHBWOEESPPVFTSLJOEVTRQGSPCESVFBE QSPDFTTJOH BOE QSFTFSWJOH GSVUBTWJFOHFUBBOCEMFTBEEOEHSFWBBSUJPI GPPE QSPEVDUT BOE CFWFSBHFT QSPQQBSSPJEVHDUPC4VQPSBWOJET JNF of workers may be included.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSVOEJDMBSTFTVQFE JOUP UIF GPM

7511 Butchers, Fishmongers and Related Food Preparers

7512 Bakers, Pastry-cooks and Confectionery Makers

7513 Dairy Products Makers

7514 Fruit, Vegetable and Related Preservers

7515 Food and Beverage Tasters and Graders

7516 Tobacco Preparers and Tobacco Products Makers

Unit Group 7511

Butchers, Fishmongers and Related Food Preparers

Butchers, shmongers and related food preparers slaughter animals, clean, cut and dress meat and GJTI SFNPWF CPOFT BOE USJNNJOH DBSDBTTFT JUFNT PS QSFTFSWF NFBU mTI food products by drying, salting or smoking.

5BTLT JODMVEF o

B TMBVHIUFSJOH BOJNBMT

C nBZJOH BOE USJNNJOH DBSDBTTFT

(c) boning, cutting and dressing meat and sh GPS TBMF PS GVSUIFS QSPDFTTJOH

(d) preparing ingredients and making sausages PPE

BOE TIBQJOH NBDIJOFT

F DVSJOH NFBU mTI BOE PUIFS GPPETTUVGG
G PQFSBUJOH TNPLFIPVTFT PS SPPWFO
NFBU mTI BOE PUIFS GPPETTUVGG
(g) cooking or in other ways preparing meat, sh
BOE SFMBUFE GPPE JUFNT GPS TBMF
(h) selling meat or sh to customers, including
wrapping, weighing and labelling products,
BOE SFDFJWJOH QBZNFOU

Examples of the occupations classi ed here:
Butcher
Fish lleter
Fishmonger
Slaughterer

Some related occupations classi ed elsewhere:
4IPQLFFQFS o
'JTI QSPDFTTJOH NBDIJOF PQFSBUPS
.FBU QSPDFTTJOH NBDIJOF PQFSBUPS

Unit Group 7512
Bakers, Pastry-cooks and Confectionery Makers

Bakers, pastry-cooks and confectionery makers
NBLF WBSJPVT LJOET PG CSFBE
nPVS QSPEVDUT BT XFMM
and sugar confectionery.
5BTLT JODMVEF o
(a) making bread, cakes, biscuits, pastries, pies
BOE PUIFS nPVS QSPEVDUT
C NBLJOH IBOENBEF DPO-GFDUJPOFSZ
tures of sugar, chocolate and other ingredi-
FOUT VTJOH IBOE UPPMT BOE TPNF
(c) combining measured ingredients in bowls of
NJYJOH CMFOEJOH PS DPPLJOH
E DJFDLJOH UIF RVBMJUZ
ensure that standards and speci cations are
NFU
(e) applying glazes, icings or other toppings to
CBLFE HPPET VTJOH TQBUVMB
G DJFDLJOH UIF DMFBONJOFTT
operation of premises before production
runs to ensure compliance with occupational
IFBMUI BOE TBGFUZ SFHVMBUJPOT
H NPOJUPSJOH PWFO UFNQFSBUVSFT
BQQFBSBODF UP EFUFSNJOF
(h) coordinating the forming, loading, baking,
unloading, de-panning and cooling of
batches of bread, rolls, pastry and confec-
tionery products.

Examples of the occupations classi ed here:
Baker
Chocolate maker
Confectioner
Pastry-cook

Some related occupations classi ed elsewhere:
4PNF SFMBUFE PDDVQBUJPOT DMBTTJ FE FMTFXIFSF
G PQFSBUJOH TNPLFIPVTFT PS SPPWFO
NFBU mTI BOE PUIFS GPPETTUVGG
(g) cooking or in other ways preparing meat, sh
BOE SFMBUFE GPPE JUFNT GPS TBMF
(h) selling meat or sh to customers, including
wrapping, weighing and labelling products,
BOE SFDFJWJOH QBZNFOU

Examples of the occupations classi ed here:
Butcher
Fish lleter
Fishmonger
Slaughterer

Some related occupations classi ed elsewhere:
4IPQLFFQFS o
'JTI QSPDFTTJOH NBDIJOF PQFSBUPS
.FBU QSPDFTTJOH NBDIJOF PQFSBUPS

Unit Group 7513
Dairy Products Makers

%BJSZ QSPEVDUT NBLFST QSPDFTT CVUUFS
types of cheese, cream or other dairy products.
5BTLT JODMVEF o
B CPJMJOH PS QBTUFVSJ[-JOH NJML UP
mFE CVUUFS GBU DPOUFOU
(b) separating cream from milk and churning
QSFQBSJOH DSFBN
(c) dumping measured amounts of starter and
PUIFS JOHSFEJFOUT JOUP NJML
(d) curdling milk, heating curd until it reaches
desired rmness, draining curd and placing
DIFFTF JOUP NPVMET UP QSFTT JU JO
(e) salting cheese and piercing or smearing
DIFFTF XJUI DVMUVSFE XBTI UP EFW
nPVS QSPEVDUT BT XFMM
UP DVSF DIFFTF
H NPOJUPSJOH QSPEVDU RVBMJUZ CFGP
by inspecting, taking samples and adjusting
USFBUNFOU DPOEJUJPOT XIFO OFDFT
(f) determining amounts of ingredients used, test
results and time cycles.
Examples of the occupations classi ed here:
Butter maker
Cheese maker
Some related occupations classi ed elsewhere:
%BJSZ QSPEVDUT NBDIJOF PQFSBUPS
G DJFDLJOH UIF DMFBONJOFTT
operation of premises before production
runs to ensure compliance with occupational
IFBMUI BOE TBGFUZ SFHVMBUJPOT
H NPOJUPSJOH PWFO UFNQFSBUVSFT
BQQFBSBODF UP EFUFSNJOF
(h) coordinating the forming, loading, baking,
unloading, de-panning and cooling of
batches of bread, rolls, pastry and confec-
tionery products.

Examples of the occupations classi ed here:
Baker
Chocolate maker
Confectioner
Pastry-cook

Unit Group 7514
Fruit, Vegetable and Related Preservers

'SVJU WFHFUBCMF BOE SFMBUFE QSFTFSW
QSFTFSWF GSVJU OVUT BOE SFMBUF
ways including cooking, drying and salting, or
KVJDF PS PJM FYUSBDUJPO
5BTLT JODMVEF o
B FYUSBDUJOH KVJDFT GSPN WBSJPVT
C FYUSBDUJOH PJMT GSPN PJM CFBSJOH
GSVJUT
D DPPLJOH TBMUJOH PS ESZJOH GSV
BOE SFMBUFE GPPET

E NJYJOH BOE BEEJOH JOHSFEJFOUT UP GPPE PS CFWFSBHFT
TVHBS TQJDFT BOE WJOFHBS BOE GSVJU QSFTFSWFT
UJPO BOE FOIBODF UFYUVSF GPPE QSPEVDUT
nBWPVS
F USBOTGFSSJOH QSFTFSWFE GPPE PS CFWFSBHF QSPEVDUT UP
bottles or other containers.

Examples of the occupations classi ed here:
Chutney maker
'SVJU QSFTFSWFS
Jam maker
0JN FYQFMMFS
Vegetable and fruit pickler
7FHFUBCMF QSFTFSWFS

Some related occupations classi ed elsewhere:
$BOOJOH NBDIJOF PQFSBUPS

Unit Group 7515
Food and Beverage Tasters and Graders

'PPE BOE CFWFSBHF UBTUFST BNE HSBEFST FYBNJOF BOE UBTUF GPPE BOE CFWFSBHF QSPEVDUT GPPE BOE CFWFSBHF
5BTLT JODMVEF o
(a) inspecting, testing, tasting and smelling agSJDVMUVSBM QSPEVDUT GFSNFOUFE CFWFSBHFT PS UPCBDDP
WBSJPVT TUBHFT PG QSPDFTTJOH
C EFUFSNJOJOH RVBMJUZ BOE DIBSBDUFS PG UPCBDDP
TVNFS UBTUFST BOE BQQSPZ JOH CFWFSBHF QSPEVDUT
products, and grading them into appropriate
DMBTTFT
D EJTDBSEJOH JOGFSJPS QSPEVDUT
E SFDPSEJOH UIF HSBEF BOE PS JEFOUJGJDBUJPO
OVNCFST PO UBHT BOE SFDFJWJOH DPOUBJORST
(e) weighing and measuring products.

Examples of the occupations classi ed here:
Tea taster
Tobacco grader
Tobacco taster
-JRVPS UBTUFS
Wine taster

Unit Group 7516
Tobacco Preparers and Tobacco Products Makers

5PCBDDP QSFQBSFST BOE UPCBDDP QSPE
QSFQBSF UPCBDDP MFBWFT BOE NBLF
bacco products.
5BTLT JODMVEF o
PSHBOJTJOH DVSFE UPCBDDP MFBWFT CZ
BOE MPDBMJUZ XIFSF HSPXO
C NJYJOH UPCBDDP MFBWFT BDDPS
UP PCUBJO B CMFOE PG EJTUJODU nBV
D UFOEJOH WBDVVN DPOUBJOFST XIJ
UPCBDDP GPS GVSUIFS QSPDFTTJOH
E SFNPWJOH NJESJCT BOE TUBML
BMMEBWSFBE BSOTE JOTJEFE UPCBDDP
EUZQBT JOHCHBSSTV MDJWHBSSMFUUFT TOV
hacco products by hand or with simple machines.

Examples of the occupations classi ed here:
Cigarette maker
Cigar maker
5NCEUDPWEBSS
Some related occupations classi ed elsewhere:
$JHBSFUUF QSFTTJOH NBDIJOF PQ
SFUVSF QSFTTJOH NBDIJOF PQFSBU

Minor Group 752
Wood Treaters, Cabinet-makers and Related Trades Workers

8PPE USFBUFST DBCJOFU NBLFST BOE SFMBUFE XPPEXPSLFST
EFDPSBUF BOE SFQBJS XPPEFO GVSOJUVSF VTJOH WBSJPVT UFDIOJRVFT
BOE TFU VQ PQFSBUF BOE UFOE XPPEXPSLJOH NBDIJOFT
FRVJQNFOU NBDIJOFT BOE NBDIJOF UPPMT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF PQFSBUJOH XPPEXPSLJOH NBDIJOFT
lumber and other wood products, and to treat chemically and impregnate wood products with
QSFTFSWBUJWFT TFUUJOH BOE PQFSBUJOH DIFNJDBM JNQSFHOBUJPO
DPNQPOFOUT TUVEZJOH QMBOT XFCTJUFT BOE EJBHSBNT UP
UP GPSN DPNQMFUF VOJUT BOE DIFDL JOH FOUIFS TVSBCMF
mDBUJPOT TFUUJOH BOE BEKVTUJOH QFSGPSBUJPO
QSPHSBNNJOH PQFSBUJOH BOE NPOJUPSJOH
SFQBJS PS SFmOJTI XPPEFO QBSUT
BOE JOUFSQSFUJOH TQFDJmDBUJPOT PS GPMMPXJOH WFSCBM JOTU

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQF JOUP UIF GPM

7521 Wood Treaters

7522 Cabinet-makers and Related Workers

7523 Woodworking Machine Tool Setters and Operators

Unit Group 7521

Wood Treaters

8PPE USFBUFST TFBTPO QSFTFSWF BOE SFOEFS XPPE
and lumber manually or using wood treatment
FRVJQNFOU TVDI BT LJMOT BOE WFUJBDMFT XIFFMT QBSUT mUUJOHT Q
5BTLT JODMVEF o
(a) operating and tending kilns, treating tanks
BOE PUIFS FRVJQNFOU UP FOIBODF BOE TFBTPO
and season wood and other wood products,
and to impregnate wood products with pre-
TFSWBUJWFT
C NPOJUPSJOH FRVJQNFOU UP FOTVSF DPOUSPM
BOE QBOFM MJHIUT JO PSEFS QUPSEUFUBE BOE EPWQOJOFOUT
from standards and to ensure that processes
BSF PQFSBUJOH BDDPSEJOH UP TQFDJmDBUJPOT
D PQFSBUJOH WBMWFT UP BENJU UP SFBUJOH TUPSWBUJZ BOE m
JOUP USFBUNFOU WFTTFMT PS UP BEKVTU GMPX SBUFT
IFBU WBDVVN BOE IZESPTUBUJD QSFTTVSF
M FWFMT PG TPMVUJPO
USFBUNFOU DZDMF
E BDUJWBUJOH WBDVVN BOE VITZJEOSHBVOMBJDIMTQSTFDTSFVSTF PS PUIFS GBT
QVNQT UIBU SFNPWF BJS BOE TPMVUJPO GSPN XPPE
torts and force treating solution into pores
PG XPPE UP BDDFMFSBUF UIF WPSFJBUNFOUT QSPDFTT
F BTTJTUJOH JO NBJOUBJOJOH UIF QSPQFSUJFT PG XPPE
NFOU BOE NBDIJOFT BT SFRVJSFE
G DMFBOJOH MVCSJDBUJOH XBTIJOH BOE DPBUJOH XPPE
NFOU
(g) transporting materials and products to and
from work areas manually or using carts,
IBOEUSVDLT PS IPJTUT
(h) completing and maintaining production re-
ports.

Examples of the occupations classi ed here:
%SZ LJMO PQFSBUPS
Lumber kiln operator
5JNCFS USFBUJOH UBOL PQFSBUPS
Veneer dryer tender
Wood seasoner
Wood treater

Some related occupations classi ed elsewhere:
8PPE QSPDFTTJOH QMBOU PQFSBUPS o

Unit Group 7522

Cabinet-makers and Related Workers

Cabinetmakers and related workers make, deco-
rate and repair wooden furniture, carts and other
and other wooden products using woodworking
machines, machine tools and specialized hand
FoIZ MVNCFS QSFQBSF
5BTLT JODMVEF o
(a) operating woodworking machines such as
power saws, jointers, mortisers and shapers,
BOE using hand tools to cut, shape and form
C TUVEZJOH QMBOT WFSJGZJOH EJNF
ucts to be made, or preparing speci cations
N JUZ BOE m
IF PG XPPE UP TQFD
(c) Sanding, joining, fitting parts and bond-
E Assembling components together to form complete units
using glue and clamps, and reinforcing joints
wooden articles such as cabinets, furniture,
WSIFJBUNFOUT QSPDFTTJOH BOE S
TJHOT
(f) nishing surfaces of wooden articles or fur-
niture.

Examples of the occupations classi ed here:
Cabinet-maker
Cartwright
Furniture cabinet-maker
Wheelwright
Wood patternmaker
Some related occupations classi ed elsewhere:
$BSQFOUFS o
+PJOFS o
8PPE BOE SFMBUFE QSPEVDUT BTT

Unit Group 7523

Woodworking Machine Tool Setters and Operators

Woodworking machine tool setters and operators set up, operate and monitor automatic or semi-automatic woodworking machines such as precision sawing, shaping, planing, boring, UVSOJOH BOE XPPEDBSWJOH (N 3FBEJOH BOE JOUFSQSFUJOH TQFDJmDBUJPOT PS SFQBJS XPPEFO QBSUT GPS GVSOJUVSF mYUVSFT BOE PUIFS XPPEFO QSPEVDUT other wooden products.

5BTLT JODMVEF o

(a) setting up, programming, operating and NPOJUPSJOH TFWFSBM machines for sawing, shaping, boring, drilling, planing, pressing, turning, sanding PS DBSWJOH UP GBCSJDBUF XPPEFO QBSUT GPS GVSOJUVSF mYUVSFT BOE PUIFS XPPEFO QSPEVDUT

(b) operating preset special-purpose woodworking machines to fabricate wooden products such as coat hangers, mop handles, DMPUIFTQJOT BOE PUIFS XPPEFO D TFMFDUJOH LOJWFT TBXT cams, bits or belts according to work piece,

machine functions and product specifica- UJPOT

(d) installing and adjusting blades, cutter heads, boring-bits and sanding-belts, and using IBOE UPPMT BOE SVMFT F TFUUJOH BOE BEKVTUJOH WBSJPVT XPSLJOH NBDIJOFT GPS PQFSBUJPO (N 3FBEJOH BOE JOUFSQSFUJOH TQFDJmDBUJPOT or CSMPBFF TBODEVSNFMS UFBEQSPEVDUT BTT

Examples of the occupations classi ed here:

$BSWJOH NBDIJOF PQFSBUPS XPPE Furniture production machine operator Precision woodworking sawyer Wood products machine operator Wood turner Woodworking machine operator Woodworking machine setter Woodworking machine setter-operator Woodworking machine set-up operator

Some related occupations classi ed elsewhere:

Minor Group 753

Garment and Related Trades Workers

(BSNFOU BOE SFMBUFE USBEFT XPSLFST UIBU JOWPMWF EFNPOTUSBUJOH BOE NBOJQVMBUJOH UFYUJMF BOE GVS HBSNFOUT BOE NBLJOH VQ PS NFBTVSJOH UFYUJMF QSPEVDUT TVDI BT DMPUIJOH GVST MFBUIFS BOE PUIFS UFYUJMF QSPEVDUT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFU BmUUJOH BDDFTTPSJFT BOE NBLJOH NBEF UP NFBTVSF DMPUIJOH GBCSJDT PS NBLJOH HBSNFOUT PS NBLJOH IBUT PS XJHT NBLJOH HBSNFOUT BOE PUIFST UFYUJMF QSPEVDUJPO PG HBSNFOUT BOE PUIFST PKSPJGOVJSO EBSOJOH SFQBJSJOH SFOPWBUJOH BOE EFDPSBUJOH VQIPMTUFSZ PG GVSOJUVSF mYUVSFT JOTUBMMJOH SFQBJSJOH BOE SFQMBDJOH VQIPMTUFSZ PG GVSOJUVSF mYUVSFT seats, panels and other furnishings of automobiles, railway coaches, aircraft, ships and similar

JUFNT USJNNJOH TDSBQJOH DMFBOJOH BOE mOJTIJOH UP QSPEVDF MFBUIFS TUPDL BOE mOJTIFE GPPUXFBS modifying and repairing standard, custom-made or orthopaedic footwear and natural or synthetic leather articles.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ

7531 Tailors, Dressmakers, Furriers and Hatters

7532 Garment and Related Patternmakers and Cutters

7533 Sewing, Embroidery and Related Workers

7534 Upholsterers and Related Workers

7535 Pelt Dressers, Tanners and Fellmongers

7536 Shoemakers and Related Workers

Unit Group 7531

Tailors, Dressmakers, Furriers and Hatters

5BJMPST EFTTNBLFST GVSSJFST BOE IBUUFST GBC
ricate, fit, alter and repair tailored or hand-
NBEF DMPUIJOH 5IFZ QSPEVDF NBEF UP NFBTVSF
D M P U I J O H T V D I B T T V J U T P S G V S
G S P N U F Y U J M F G B C S J D T M A K E S , A L T E R , R E P A I R A N D F I T G A R M E N T S A N D O T H E R P U I F S
material, or make hats or wigs according to customers and clothing manufacturers speci cations.

5BTLT JODMVEF o
B NBLJOH PWFSDPBUT TVJUT ESFTTFT TLJSUT
blouses, lingerie, corsetry, hats, wigs and
TJNJMBS HBSNFOUT PGUFO UP TQFDJGJDBUJPOT
SFRVJSFNFOUT
C TFMFDUJOH UFYUJMF GBCSJDT BOE USJNNJOH
NBUDIJOH UIF EFTJSFE TJ[F BOE TIBQF PG
RVBMJUZ PG UIF HBSNFOU
to garment pattern and arranging them on the pattern according to the design of the
HBSNFOU
(c) making garment style changes, such as tapering trouser legs or narrowing lapels, and
BEEJOH PS SFNPWJOH QBEEJOH
(d) selecting and modifying commercial patterns to customers and clothing manufacturers
TQFDJmDBUJPOT BOE mU
(e) fitting, altering and repairing tailored clothing, dresses, coats and other made-to-measure garments according to customers
SFRVFTUT
(f) making and caring for costumes used in the-
BUSJDBM UFMFWJTJPO B-OE NPVJPFS QJDUVSF
UJPOT
(g) folding, twisting and draping material such as satin or silk, or sewing ribbon or cloth in
UIF GPSN PG BSUJmDJBM nPXFSJOHT
DSPXO BOE CSJN UP TIBQF
(h) sewing and fastening together materials and
IBJS TUSBOET UP NBLF XJHT
J CMFOEJOH TIBEFT PG -IBJSHBFSNFOUT
QFBSBODF UP XJHT BSSBOHF
speci ed positions and sewing hair together
UP GPSN IBJSQJFDFT
(j) making, altering, restyling and repairing fur
HBSNFOUT BOE PUIFS GVS
(k) reclaiming furs or skins from old coats, gluing fabric to the interior of fur coats and trimming fur garments.

Examples of the occupations classi ed here:
%SFTTNBLFS
Fur grader
Furrier
Hatter
.JMMJOFS
5BJMPS

Some related occupations classi ed elsewhere:
5FYUJMFT IBOEJDSBGU XPSLFS o
4FXJOH NBDIJOF PQFSBUPS o

Unit Group 7532

Garment and Related Pattemmakers and Cutters

(BSNFOU BOE SFMBUFE QBUUFSONBLFST
create precision master patterns for the produc-
UJPO PG HBSNFOUT BOE PUIFS UFYUJM
tiles, light leather and other materials according to blueprints or specifications in the manufacture
PG HBSNFOUT IBUT BOE DBQT HMP
SJDT products
(a) developing a master pattern for each size within a range of garment sizes, using charts,
ESBGUJOH JOTUSVNFOUT DPNQVU
HSBEJOH EFWJDFT
(b) creating the blueprint or pattern pieces for a particular apparel design with the aid of a
DPNQVUFS
(c) calculating dimensions of patterns according to sizes, considering stretching of
NBUFSJBM
(d) drawing details on outlined parts to indicate where parts are to be joined, as well as the positions of pleats, pockets, buttonholes on
HBSNFOUT EFDPSBUJWF TUJUDIJOH
PS FZFMFUT PO DBOWBT QSPEVD
(e) positioning templates or measuring materials to locate speci ed points of cuts or to obtain
NBYJNVN ZJFMET BOE NBSLJOH GBCSJD
(f) laying out the master pattern on fabric and
DVUUJOH TBNQMF QBUUFSOT
(g) testing patterns by making and tting sample
HBSNFOUT B OBUVSBM BQ
(h) placing patterns on top layers of fabric and cutting fabric following patterns, using elec-
USJD PS NBOVBM LOJWFT DVUUF
OVNFSJDBMMZ DPOUSPMMFE DVUUJOH
(i) cutting fabric or fur pelts to make parts for
HBSNFOUT BOE PUIFS GVS BSUJDMF
K USJNNJOH FYDFTT NBUFSJBM PS DV
P mOJTIFE QSPEVDUT TVDI BT D
FOET PG B mOJTIFE QSPEVDU
(k) positioning leather on the cutting bed of ma-
DIJOFT NBYJNJ[JOH VTBHF BDDPSEJO
HBJO TLJO nBXT BOE TLJO TUSFUD
(l) performing patternmaking, marking and cutting tasks in the manufacture of other
QSPEVDUT TVDI BT TPGU GVSOJTIJOH
goods.

Examples of the occupations classi ed here:
Fur patternmaker
(BSNFOU DVUUFS
(BSNFOU QBUUFSONBLFS
(MPWF DVUUFS

Some related occupations classi ed elsewhere:
5FYUJMF QBUUFSONBLJOH NBDIJOF PQFSBUPS o

Unit Group 7533

Sewing, Embroidery and Related Workers

Sewing, embroidery and related workers sew together fabrics, leather and other materials and fabricate tents, bags, awnings and similar articles, or sew by hand, using a needle and thread, but may perform some tasks using a sewing machine.

5BTLT JODMVEF o
(a) sewing fabrics or leather together, or sewing cloths or garments by hand, using matching UISFBE BOE OFFEMF
(b) sewing together pieces of fabric to make bags, awnings, tents, sails and similar articles
(c) selecting thread according to speci cations or colour of parts, or dyeing thread to match DPMPVS BOE TIBEF PG DMPUI
(d) patching holes, sewing tears and ripped seams, or darning defects in items, using needle and UISFBE
(e) pulling knots to the wrong sides of garments, VTJOH IPPLT
(f) trimming ends with scissors to make mended portions look uniform with the pattern of DMPUI
(g) sewing designs, initials, buttons and other stamped, printed or stencilled patterns on GBCSJD VTJOH OFFEMF BOE
(h) embroidering ornamental designs on cloth by hand or machine, using needle and coloured UISFBE
(i) softening leather or shoe material with water UP QSFQBSF JU GPS TFXJOH
(j) sewing uppers to soles, linings to shoes, and JDMFT TVDI BT IBUT DBQT PS
(k) sewing with interlocking stitches to decorate edges and corners to tips of ribs and sewing ties to out-
TJEF PG DPWFS UP IPME VNCSFMMB
(l) fabricating and assembling thick cloth, DBOWBT BOE TJNJMBS NBUFSJBMT into awnings, tarpaulins and tents.

Examples of the occupations classi ed here:
Embroiderer
Sewer
Umbrella maker

Some related occupations classi ed elsewhere:
5FYUJMFT IBOEJDSBGU XPSLFS o
%FTTNBLFS o
4FXJOH NBDIJOF PQFSBUPS o

Unit Group 7534

Upholsterers and Related Workers

Upholsterers and related workers install, repair
BOE SFQMBDF VQIPMTUFSZ-PG GVSOJUVS
UIPQBFEJD BQQMJBODFT TFBUT QBOFM
HMPWFT BOE PUIFS QSPEVDUT XJUI GBCSJD MFBUIFS SFYJOF P
TBJMT BXOJOHT BOE UBSQBVMJOT JOTUBMM NBJOUBJO BOE SFQBJS VQIPMTUFSFE GVSOJTIJ
JPOT RVJMUT BOE NBUUSFTTFT
5BTLT JODMVEF o
(a) discussing upholstery fabric, colour and style XJUI DVTUPNFST PS EFTJHOFST
GPS VQIPMTUFSJOH GVSOJUVSF PS PU
(b) making upholstery patterns from sketches, HSBQIT UFNQMBUFT PS JOTUSVDUJPOT
(c) laying out, measuring and cutting upholstery materials following patterns, templates, TLFUDIFT PS EFTJHO TQFDJmDBUJPOT
(d) installing, arranging and securing springs, QBEEJOH BOE DPWFSJOH NBUFSJBM U
GSBNFT
(e) sewing upholstery materials by hand to seam DVTJPOT BOE KPJOJOH TFDUJP
NBUFSJBMT
(f) sewing rips or tears in material, or creating UVGUJOH VTJOH OFFEMF BOE UISFE
(g) tacking, gluing or sewing ornamental trims, UBDLT, braids, buttons and other accessoSJFT UP DPWFST PS GSBNFT PO VQIPMT
(h) laying out, cutting, fabricating and installing VQIPMTUFSZ JO BJSDSBGU NPUPS WFIJD
DBST CPBUT BOE TIJQT
J SFQBJSJOH SBY IJEF DPWFS
MJNCT
K SFOPWBUJOH BOUJRVF GVSOJUVS
JDMFT TVDI BT IBUT DBQT PS
L IBOE TFXJOH VNCSFMMB
UBDLJOH DPWFS UP SJDT BNPOH
TJEF PG DPWFS UP IPME VNCSFMMB
DBOWBT BOE TJNJMBS NBUFSJBMT

Examples of the occupations classi ed here:
Furniture upholsterer
.BUUSFTT NBLFS
Orthopaedic upholsterer
Vehicle upholsterer

Some related occupations classi ed elsewhere:
4FXJOH NBDIJOF PQFSBUPST in the manufacture of shoes and related goods.
5IFZ EFDPSBUF SFJOGPSDF PS mOJTI TIP handbags and belts.
5BTLT JODMVEF o
(a) making, modifying and repairing standard GPPUXFBS UP NFFU JOEJWJEVBM SF
(b) making, modifying and repairing orthopaedic or therapeutic footwear according to
BOE PSUIPQBFEJD PS UIFSBQFVUJD SFRVJSFNFOUT PS NPEJ footwear for people with foot problems and
TQFDJBM OFFET
(c) repairing belts, luggage, purses and similar QSPEVDUT
(d) taking plaster casts of deformed legs or feet UFTIQSBDUJDBM PS PSUIPQBFEJD SFBTPOT
(e) preparing inserts, heel pads and lifts from DBTUT PG DVTUPNFST GFFU
(f) studying drawings and other specifications to make footwear according to customers
(g) obtaining information about workloads, specifications and the types of materials to CF VTFE
(h) treating hides and skins in tanning solution UP DPOWFSU UIFN JOUP MFBUIFS
(i) tinting or dyeing furs to enhance natural TIBEFT PG GVS
(k) dressing and applying dyes and stains to MFBUIFS
(m) seasoning leather by applying chemical solution or fluid with a brush and allowing it to dry in open air.

Examples of the occupations classi ed here:
Fellmonger
Pelt grader
5BOOFS

Some related occupations classi ed elsewhere:
5BOOJOH NBDIJOF PQFSBUPST

Unit Group 7535
Pelt Dressers, Tanners and Fellmongers

Pelt dressers, tanners and fellmongers trim, TDSBQF DMFBO UBO CV BOE EZF PS PUIFSXJTF QSFQBSF or skins to produce leather stock and nished furs for making garments and other products.
5BTLT JODMVEF o
(a) sorting and grading pelts, hides and skins according to DPSEJOH UP DPMPVS TIBEF
(c) TDSBQJOH QBSUJDMFT PG nFTI PS SFNPWJOH JOTPMVCMF tissue from skins or pelts to clean and soften UIFN
(d) SFNPWJOH MPOH DPBSTF HBJST PS EFFQMZ JOTFSUFE MJNF XBUFS
(e) QSFQBSJOH IJEFT CZ DVSJOH FEHFT XJUI TBMU
(f) SFNPWJOH MPOH DPBSTF HBJST PS EFFQMZ JOTFSUFE USJNNJOH VOEFSMZJOH IBJS PS UBOOJOH BOE ESFTTJOH QFMUT and beauty or to restore the natural appearBODF PG QFMUT
(h) QSFQBSJOH CBSL BOE MFBWFT PS TUSJQT GPS USFBUJOH IJEFT PS TLJOT
(i) tinting or dyeing furs to enhance natural TIBEFT PG GVS
(k) dressing and applying dyes and stains to MFBUIFS
(m) seasoning leather by applying chemical solution or fluid with a brush and allowing it to dry in open air.

Examples of the occupations classi ed here:
Fellmonger
Pelt grader
5BOOFS

Some related occupations classi ed elsewhere:
5BOOJOH NBDIJOF PQFSBUPS

Unit Group 7536
Shoemakers and Related Workers

Shoemakers and related workers make, modify and repair standard, custom or orthopaedic footwear and natural or synthetic leather articles TVDI BT MVHHBHF IBOECBHT BOE CFMUT FYDFQU GPS

MFBUIFS HBSNFOUT IBUT BOE HMPWFT
5IFZ EFDPSBUF SFJOGPSDF PS mOJTI TIP handbags and belts.
5BTLT JODMVEF o
(a) making, modifying and repairing standard GPPUXFBS UP NFFU JOEJWJEVBM SF
(b) making, modifying and repairing orthopaedic or therapeutic footwear according to
BOE PSUIPQBFEJD PS UIFSBQFVUJD SFRVJSFNFOUT PS NPEJ footwear for people with foot problems and
TQFDJBM OFFET
(c) repairing belts, luggage, purses and similar QSPEVDUT
(d) taking plaster casts of deformed legs or feet UFTIQSBDUJDBM PS PSUIPQBFEJD SFBTPOT
(e) preparing inserts, heel pads and lifts from DBTUT PG DVTUPNFST GFFU
(f) studying drawings and other specifications to make footwear according to customers
(g) obtaining information about workloads, specifications and the types of materials to CF VTFE
(i) cutting out, shaping and padding parts for MFBUIFS BSUJDMFT
(j) sewing rips or patching holes to repair artJDMFT TVDI BT QVSTFT CFMUT TIPFT
(l) attaching accessories or ornamentation to EFDPSBUF PS QSPUFDU QSPEVDUT
(m) making and repairing articles such as saddles and harnesses for animals, luggage, handbags, briefcases, leather bags, belts and other accessories.

Examples of the occupations classi ed here:
Cobbler
Orthopaedic shoemaker
Saddler
Shoemaker

Some related occupations classi ed elsewhere:
'VSSJFS o
)BUUFS o
4IPF QSPEVDUJPO NBDIJOF PQFSBUP

Minor Group 754
Other Craft and Related Workers

Other craft and related workers work under the surface of water, using underwater breathing BQQBSBUVT QPTJUJPO BTTFNCMF BEDEEEIUFFTOUBUSBXFYNQBMUFTJWBFMTJ NBOVGBDUVSFE DPNQPOFOUT BOE QSPEVJDTUTT BPEQSFWFOU VEBXBOHFFE UP DSPQT BOE CVJMEJOHT BOE PUIFS TPUSVDUVSBEF BOJET DHSBPVQ PDDM UJPOT OPU DMBTTJmFE FMTFXIFSF JOFBKSPBSE(STPYRQSLFSSTBGU BOE 3F 5BTLT QFSGPSNFE VTVBMMZ JODMVEFFSGPSTNVJOHWBBGFVZ QSEBXBUJ UBTLT MPBEJOH FYQMPTJWFT JODUPSECJMBTUPIPMFTVNDJUYJPOT DPI BUJOH BOE NPOJUPSJOH FRVJQNFOU GPS TQSBZJOH QFTUT BOE XFF 0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSFVQE JOUP UIF GPM

7541 Underwater Divers
7542 Shotfirers and Blasters
7543 Product Graders and Testers (excluding Foods and Beverages)
7544 Fumigators and Other Pest and Weed Controllers
7549 Craft and Related Workers Not Elsewhere Classified

Unit Group 7541
Underwater Divers

6OEFSXBUFS EJWFST XPSL water, with or without the aid of underwater breathing apparatus, to inspect, install, repair BOE SFNPWF FRVJQNFOU BSOE TUFTUT PS FYQFSJNFOUT SJH FYQMPSBUJPO TUSVDUVSFT PS NBSJOF MJGF DPMMFDU WBSJPVT GPSNT PG BRVBUJD MJGF GPS DPNNFSDJBM PS SFTFBSDI QVSQPTFT BOE mOE BOE SFDPWFS NJTTJOH JUFNT BOE QFSTPOT

5BTLT JODMVEF o

(a) taking safety precautions, such as monitoring EJWF MFOHUIT BOE EFQUIT BOE SFHJTUFSJOH XJUI BVUIPSJUJFT CFGPSF EJWJOH
(c) decompression procedures, using decompression tables or diving computers
TVDI BT IFMNFUT NBTLT DPNNFDU WBSJPVT GPSNT PG
TVJUT IBSOFTTFT BOE HBVHFTTLT JODMVEF o
(d) working under water to lay and repair IFMQFST VTJOH TDVCB HFBSJOH TPOBS FYQMPTJWFT EJWJOH
CSJEHFT QJFST BOE IBSCPVST XBMMBGPOVOEBUJPOT HJWJOH JOT
(e) inspecting for suspected damage and making minor repairs to ships hulls and underwater JOTUBMMBUJPOT
(f) assembling, connecting and testing underwater electrical cables and equipment
(g) identifying wires, fuses and overload
MJGF GPSNT
(k) communicating with workers on the surface while under water, using signal lines or tel-
FQIPOFT
(l) operating pumps, compressors and other
BOE FOWJSPONFOUBM DPOEJUJPOJOH EVSJOH EJWJOH

Examples of the occupations classi ed here:
0ZTUFS EJWFS
4BMWBHF GSPHNBO
Underwater worker

Some related occupations classi ed elsewhere:
4QFDJBMJTU VEJWFS TFF 7541
Unit Group 7542
Shotfirers and Blasters

Shotfirers and blasters position, assemble and
EFUPOBUF CMBTUJOH FYQMPTJWFT BOE SFMBUFE EFWJDFT
DFEVSFT BOE SFHVMBUJPOT BSF GPMM
MBZPVU EFQUI BOE EJBNFUFS PG CMB
D DIFDLJOH EFQUI BOE DMFBOMJOFTT P
E EFUFSNJOJOH RVBOUJUZ BOE UZQF F
G SFQPSUJOH PO UIF DPOEJUJPO PG VTFFDLFE TIJQT
H SFNPWJOH VOEFSXBUFS PCTUSVDUJPOT FYQMPTJWFT JOUP CMBT
I ESJMMJOH IPMFT GPS VOEFSXBUFS CMBTUJOH PS DVUUJOH
J QFSGPSNJOH WBSJPVT VOEFSXBUFS XPSL PFSYQMPSBUJPOT BSE BUUB
CPEJFT
K HBUIFSJOH TIFMMmTI TQFDJFT, BOE RVBOUJUJFT PG
MJGF GPSNT
M PCUBJOJOH JOGPSNBUJPO BOE FOWJSPONFOUBM DPOEJUJPOT

Examples of the occupations classi ed here:
0ZTUFS EJWFS
4BMWBHF GSPHNBO
Underwater worker

Some related occupations classi ed elsewhere:
4QFDJBMJTU VEJWFS TFF 7541

Unit Group 7542
Shotfirers and Blasters

Shotfirers and blasters position, assemble and
EFUPOBUF CMBTUJOH FYQMPTJWFT BOE SFMBUFE EFWJDFT
DFEVSFT BOE SFHVMBUJPOT BSF GPMM
MBZPVU EFQUI BOE EJBNFUFS PG CMB
D DIFDLJOH EFQUI BOE DMFBOMJOFTT P
E EFUFSNJOJOH RVBOUJUZ BOE UZQF F
G SFQPSUJOH PO UIF DPOEJUJPO PG VTFFDLFE TIJQT
H SFNPWJOH VOEFSXBUFS PCTUSVDUJPOT FYQMPTJWFT JOUP CMBT
I ESJMMJOH IPMFT GPS VOEFSXBUFS CMBTUJOH PS DVUUJOH
J QFSGPSNJOH WBSJPVT VOEFSXBUFS XPSL PFSYQMPSBUJPOT BSE BUUB
CPEJFT
K HBUIFSJOH TIFMMmTI TQFDJFT, BOE RVBOUJUJFT PG
MJGF GPSNT
M PCUBJOJOH JOGPSNBUJPO BOE FOWJSPONFOUBM DPOEJUJPOT

(f) assembling, connecting and testing underwater electrical cables and equipment
(g) identifying wires, fuses and overload
(l) operating pumps, compressors and other
EVSJOH EJWJOH

Unit Group 7542
Shotfirers and Blasters

Shotfirers and blasters position, assemble and
EFUPOBUF CMBTUJOH FYQMPTJWFT BOE SFMBUFE EFWJDFT
DFEVSFT BOE SFHVMBUJPOT BSF GPMM
MBZPVU EFQUI BOE EJBNFUFS PG CMB
D DIFDLJOH EFQUI BOE DMFBOMJOFTT P
E EFUFSNJOJOH RVBOUJUZ BOE UZQF F
G SFQPSUJOH PO UIF DPOEJUJPO PG VTFFDLFE TIJQT
H SFNPWJOH VOEFSXBUFS PCTUSVDUJPOT FYQMPTJWFT JOUP CMBT
I ESJMMJOH IPMFT GPS VOEFSXBUFS CMBTUJOH PS DVUUJOH
J QFSGPSNJOH WBSJPVT VOEFSXBUFS XPSL PFSYQMPSBUJPOT BSE BUUB
CPEJFT
K HBUIFSJOH TIFMMmTI TQFDJFT, BOE RVBOUJUJFT PG
MJGF GPSNT
M PCUBJOJOH JOGPSNBUJPO BOE FOWJSPONFOUBM DPOEJUJPOT

(f) assembling, connecting and testing underwater electrical cables and equipment
(g) identifying wires, fuses and overload
(l) operating pumps, compressors and other
EVSJOH EJWJOH

J FOTVSJOH UIBU BMM FYQMPTJWFT BSF TUPSFE BOE TFSWJDFE JO BDDPSEBODF XJUI MBXT BOE SFHVMBUJPOT

(j) declaring blast areas safe before and after EFUPOBUJPO PG FYQMPTJWFT

(k) compiling and maintaining records about VTBHF PG FYQMPTJWFT JO BDDPSEBODF XJUI MBXT and regulations.

Examples of the occupations classi ed here:
- Blaster
- Powderman
- Powder monkey
- Shot rer

Some related occupations classi ed elsewhere:
- .JOJOH TVQFSWJTPST o
- %SJMMFST NJOJOH o
- %SJMMFST PJM PS HBT XFMM
- .JOJOH MBCPVSFST o
- 2VBSSZ MBCPVSFST o

Unit Group 7543

Product Graders and Testers (excluding Foods and Beverages)

1SPEVDU HSBEFST BOE UFTUFST DIFDL PSEJOBSZ NBUFSJBMT NBOVGBDUVSFE DPNQPOFOUT BOE OPO-GPPETUVGGT QSPEVDFE PS TPME UP FOTVSF DPNQMJBODF XJUI RVBMJUZ TUBOEBSET BOE FTUBCMJTIFE HSBEFT BOE DMBTTJGZ UIFN BDDPSEJOHMZ

(a) inspecting and testing products, parts and materials for conformity with speci cations BOE TUBOEBSET

(c) discarding or rejecting products, materials BOE FRVJQNFOU OPU NFFUJOH TQFDJmDBUJPOT

(d) analysing and interpreting blueprints, data, manuals and other materials to determine specifications, inspection and testing pro-DFEVSFT

(f) recording inspection or test data such as weights, temperatures, grades or moisture DPOUFOU BOE RVBOUJUJFT

(g) marking items with details such as grade and BDDFQUBODF PS SFKFDUJPO

(h) measuring dimensions of products using instruments such as rulers, callipers, gauges or NJDSPNFUFST

(i) analysing test data and making computations as necessary to determine test results.

Examples of the occupations classi ed here:
- Product grader
- Quality inspector
- Wool classer

Some related occupations classi ed elsewhere:
- 1SPEVDU TBGFUZ JOTQFDUPS o
- 'PPE HSBEFS o
- 'VS HSBEFS o
- 1FMU HSBEFS o

Unit Group 7544

Fumigators and Other Pest and Weed Controllers

Fumigators and other pest and weed controllers FYUFSNJOBUF EJTFBTFT PG QMBOUT BOE BOJNBMT PS PUIFS VOXBOUFE PSHBOJTNT JO CVJMEJOHT BOE PUIFS TUSVDUVSFT BOE UIFJS TVSSPVOEJOHT BOE PUIFS IBCJUBUJPO

5BTLT JODMVEF

(b) preparing and applying fumigants, insecticides, herbicides and other chemical solutions or gases

(e) lifting, pushing and swinging nozzles, hoses BOE UVCFT JO PSEFS UP EJSFDU UIF BQQMJDBUJPO BSFBT

(f) lling sprayer tanks with water and chemicals, operating mixing and agitating equipment

Examples of the occupations classi ed here:
- Fumigator
- Pest controller
- Weed controller

Some related occupations classi ed elsewhere:
- 1SPDFTTJOH QMBOU PQFSBUPST o

Unit Group 7549

Craft and Related Workers Not Elsewhere Classified

5IJT HSPVQ DPWFST DSBGU BOE VTFS PQFSBUJWF DMBTTJmFE FMTFXIFSF JO .BKPS (SPVQ BOE 3FMBUFE 5SBEFT 8PSLFST 'PS JOT

group includes those who mould, slice, grind and polish optical lenses and those who arrange

n P X F S T G P S E J T Q M B Z

* O T V D I D B T F T U B T L T X P V M E J O D M V E F

(a) heating, moulding and pressing optical glass

U P N B L F M F O T C M B O L T

(b) grinding and polishing lens blanks.

Examples of the occupations classi ed here:

Foreman/woman o

Optical lens nisher

Optical lens moulder

Ma~or Group 8

PLANT AND MACHINE OPERATORS AND ASSEMBLERS

Plant and machine operators and assemblers operate and monitor industrial and agricultural
NBDIJOFSZ BOE FRVJQNFOU PO UIF TQPU PS QSPEVDF QSPEVDUT CZ MPDBMMZ DPOUSPMMJOH NBDIJOFT BOE QSPDFTTJOH UIF SBX NBUFSJBMT
WFIJDMFT BOE NPCJMF NBDIJOFSZ BOE EUFRGVSPNNFDPUNQPTFBTTFNCMFT
according to strict speci cations and procedures. Competent performance in most occupa-
UJPOT JO UIJT NBKPS HSPVQ SFRVJSF TPNF UMFWFM PG BU UIF TFDPOE *4$0

5IF XPSL NBJOMZ DBMMT GPS FYQFSJFODFE DJE EXVTUSBJOFE MBCPVSFST BOE
NBDIJOFSZ BOE FRVJQNFOU BT XFMM BT KPCT GPS XIJDI BO BQQSFOUJDFTIJQ PS
UP BEBQU UP UFDIOPMPHJDBM JOOPWBUJPOT

5BTLT QFSGPSNFE CZ QMBOU BOE NBDIJOF PQFSBUPST BOE BTTFNCMFST JODMVEF
BOE NPOJUPSJOH NJOJOH PS PUIFS JOEVTUSJBM QSPDFTTJOH NBDIJOFT
NJOFSBMT HMBTT DFSBNJDT XPPE QBQFS QMBTUJDT BOE PUIFS NBUFSJBMT
BOE FRVJQNFOU VTFE UP QSPEVDF BSUJDMFT GSPN UFYUJMFT GVST MFBUIFS
UJDT XPPE QBQFS UFYUJMFT GVSOJTIJOH QSPEVDUT TVDI BT CFEEJOH
EFTJHOJOH BOE PQFSBUJOH USBJOTUBOEIF BOE PUIFS NBDIJOFT
JOEVTUSJBM BOE BHSJDVMUVSBM NBDIJOFSZ SFQBJSFST JOTUBMMFST BOE
QPOFOU QBSUT BDDPSEJOH UP TUSVDUVSBM EFTJHO DPNQVUFS QSPHSBNNFST
may be included.

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTVFCDNVEBKTPTJmHFEPVQUP UIF GPM

81 Stationary Plant and Machine Operators

82 Assemblers

83 Drivers and Mobile Plant Operators

Note

0QFSBUPST PG NBDIJOFSZ UIBU JOWPMWFT QSPWJEJOH TFSWJDFT UP PUIFS
JO .JOPS (SPVQ 1SPDFTT $POUSPM 5FDIOJDJBOT

Sub-ma~or Group 81

Stationary Plant and Machine Operators

Stationary plant and machine operators monitor and operate stationary industrial plant, ma-
DIJOFSZ BOE FRVJQNFOU PS GPS XIJDI SNUP EGMFJQZ SJTUJOPO BSCPNQUEHF
QFSGPSNBODF JO NPTU PDDVQBUJPOTTUJDMUITJ TBUVCIFNBKDPSCHESP4V$
TLJMM MFWFM

5IF XPSL NBJOMZ DBMMT GPS FYQFSJPGDUFIXJJUOEBVOTUSBOBVODEQFSETOB O
DIJOFSZ PS FRVJQNFOU CFJOH PQPSQB UXFJEIBNOBED INJDE JQUBFDSFEE "
PQFSBUJPOT BOE UP BEBQU UP JOOPWOBUJPOS FG UNFBOD IS E RVZ SBFOEE FI

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTTEFVCFNUBKJPOSHHVSQVQQVFTVBBUMOMZ B
NPOJUPSJOH B WBSJFUZ PG TUBUOPMONBBSMZGQVMBUOJUPOBTO BCNEB DBJOE
DPSSFDUJWF BDUJPO FYBNJOJOH XPJUU QTVQUFD JGmDSB UEJFPGFT DBUOTE BBOEE
KVTUJOH NBDIJOF TFUUJOHT BDDPSEFJQOBHJMSZT BQOFS GFMSFNBJOOJHON B SGB DPSB
EBUB BOE NBJOUBJOJOH QSPEVDUJPOSLSFSDPNSBEZT C4FVJQOFDSMVJEFE O F

0DDVQBUJPOT JO UIJT TVC NBKPS HBXPVQHBNSJFODPNSBHTSEVmQE JOUP UIF

811 Mining and Mineral Processing Plant Operators

812 Metal Processing and Finishing Plant Operators

813 Chemical and Photographic Products Plant and Machine Operators

814 Rubber, Plastic and Paper Products Machine Operators

815 Textile, Fur and Leather Products Machine Operators

816 Food and Related Products Machine Operators

817 Wood Processing and Papermaking Plant Operators

818 Other Stationary Plant and Machine Operators

Note

0QFSBUPST PG NBDIJOFSZ UIBU JOWPQMWFF QSBVDUPNTBFUFSDEVOOSEMPGT NSVMUJDDMV
JO .JOPS (SPVQ 1SPDFTT $POUSPM 5FDIOJDJBOT

Minor Group 811

Mining and Mineral Processing Plant Operators

.JOJOH BOE NJOFSBM QSPDFTTJOH QMBOFSNTBNDPDJFUSPZS EBOOEE
PQFSBUF IBOE UPPMT UP FYUSBDU SPQLSP DBFTET NNJDOFSSBEMTT GBSOPEN TUU P C
drill wells and bores, and manufacture and nish cement and stone products.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFUPSEHOUHJDHWBSQJFPUQZF SG UNJDOHJ E E
NJOFSBM QSPDFTTJOH QMBOU BOE EN BDYJOMFSSZ ZT WB D-BJTOETS JBMOMJFORHVS
NFOU DPOUJOVPVT NJOJOH NBDIJOFJSZ H BQEV NQYJUOHOBHO ED SNVJTYIJOH
QMBOU BOE NBDIJOFSZ PQFSBUJOH BXOBET IDJPNHC JTOFJQOBHS BRV OQHN FFOYW SJBP
SFNPWF XBTUF BOE SFDPWFS NJOFSBZMTUP PNQBFLSFBDJFJNOFHOQMB E O DBSOFEU FN
BSUJmDJBM TUPOF BOE QSFDBTU DPSDSHUFIB QEF STGPSNFBQSDFFPG UE
WBSJFUZ PG QMBOU BOE NBDIJOFSZ EOFHUFDDPSJSOFHDNUBJMVGVBDDUJJPO T QBFOEGUPBS
QMBOU BOE NBDIJOFSZ NBJOUFOBODFUBSJFQJBJHSTQ SBFOEV DMJFBO JSOFHD PBSG

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDDMHBSTFVQFE JOUP UIF GPM

8111 Miners and Quarriers

8112 Mineral and Stone Processing Plant Operators

8113 Well Drillers and Borers and Related Workers

8114 Cement, Stone and Other Mineral Products Machine Operators

Note

.JOJOH TVQFSWJTPST BSF DMBTTJmFSWJTPSTU (SPVQ .JOJOH 4VQ

Unit Group 8111

Miners and Quarriers

.JOFST BOE RVBSSJFST PQFSBUF IBOE UPPMT UP FYUSBDU TPMJE NJOFSBM BOE other deposits from underground and surface NJOFT BOE RVBSSJFT

5BTLT JODMVEF o

(a) positioning, operating and monitoring the QFSGPSNBODF PG B WBSJFUZ PG NPEFSO NJOJOH TVSGBDF NJOJOH FRVJQNFOU UP FYUSBDU NJOFSBM DPOUFOUT GSPN VOEFSHSPVOE BOE TVSGBDF NJOFT

(b) operating machinery and using hand or QPXFS UPPMT UP SFNPWF NBUFSJBM GSPN CMBTUFE PS TIBUUFSFE SPDL GBDFT BOE DPBM BOE PUIFS EFQPTJUTF

(c) operating machinery and using hand or QPXFS UPPMT UP SFNPWF NBUFSJBM GSPN CMBTUFE PS TIBUUFSFE SPDL GBDFT BOE DPBM BOE PUIFS EFQPTJUTF

(d) preparing, fitting and installing supports in VOEFSHSPVOE XPSLJOHT JO DPBM NJOFT

(e) operating machinery to open new shafts, ESJWFT BJS XBZT BOE SJTFST

(f) operating machinery and using hand or QPXFS UPPMT UP SFNPWF NBUFSJBM GSPN CMBTUFE PS TIBUUFSFE SPDL GBDFT BOE DPBM BOE PUIFS EFQPTJUTF

(g) performing minor maintenance and repairs and lubricating and cleaning plant, machines BOE UPPMT

(h) completing records detailing operations DPNQMFUFE EVSJOH TIJGUT

(i) collecting mineral samples for laboratory analysis.

Examples of the occupations classified here:

- Bogger operator
- Continuous miner operator
- %SBHMJOF PQFSBUPS NJOJOH
- %SJMMFS NJOJOH
- Jumbo operator
- .JOFS
- .JOJOH QMBOU PQFSBUPS
- Quarrier
- Roof bolter (mining)

Some related occupations classified elsewhere:

- .JOJOH TVQFSWJTPS o
- #MBTUFS o
- 4IPUmSFS o
- %SJMMFS PJM PS HBT XFMM o
- .JOJOH MBCPVSFS o
- 2VBSSZ MBCPVSFS o

Unit Group 8112

Mineral and Stone Processing Plant Operators

.JOFSBM BOE TUPOF QSPDFTTJOH NPOJUPS BOE PQFSBUF NBDIJOFSZ FRVJQment for processing rocks, minerals and stone UP SFDPWFS SFmOFE QSPEVDUT GPS JNfurther processing.

5BTLT JODMVEF o

(a) setting up and operating stationary plant and machinery which grinds, crushes, cuts, saves and slice rocks, minerals and stones according to UIF TQFDJmDBUJPOT GPS UIF KPC

(b) positioning blocks and slabs of stone onto ma-DIJOFT GPS TBXJOH DVUUJOH BOE GVSUIFS QSPDFTTJOH

(c) operating machinery and using hand or QPXFS UPPMT UP SFNPWF NBUFSJBM GSPN CMBTUFE PS TIBUUFSFE SPDL GBDFT BOE DPBM BOE PUIFS EFQPTJUTF

(d) preparing, fitting and installing supports in DPNCJOJOH NJOFSBM PSFT XJUI DJMJUBUF GVSUIFS QSPDFTTJOH

(e) separating metal and mineral concentrates GSPN PSF BOE BMMVWJBM EFQPTJUT

(f) operating machinery and using hand or QPXFS UPPMT UP SFNPWF NBUFSJBM GSPN CMBTUFE PS TIBUUFSFE SPDL GBDFT BOE DPBM BOE PUIFS EFQPTJUTF

(g) performing minor maintenance and repairs and lubricating and cleaning plant, machines BOE UPPMT

(h) completing records detailing operations DPNQMFUFE EVSJOH TIJGUT

(i) recording information about processing DPNQMFUFE EVSJOH TIJGUT

(j) operating machinery and using hand or QPXFS UPPMT UP TFQBSBUF NJOFSBM PSFT XJUI DJMJUBUF GVSUIFS QSPDFTTJOH

(k) separating metal and mineral concentrates GSPN PSF BOE BMMVWJBM EFQPTJUT

(l) operating machinery and using hand or QPXFS UPPMT UP SFNPWF NBUFSJBM GSPN CMBTUFE PS TIBUUFSFE SPDL GBDFT BOE DPBM BOE PUIFS EFQPTJUTF

(m) performing minor maintenance and repairs and lubricating and cleaning plant, machines BOE UPPMT

(n) completing records detailing operations DPNQMFUFE EVSJOH TIJGUT

(o) collecting mineral samples for laboratory analysis.

Examples of the occupations classified here:

- Coal washer
- Crusher operator (mineral or stone processing)
- Flotation worker (mineral processing)
- (PME QSFDJQJUBUPS
- .BDIJOF PQFSBUPS TUPOF DVUUJOH processing)
- .JMMJOH NBDIJOF PQFSBUPS NJOFS o

Some related occupations classified elsewhere:

- Stone cutter (hand or hand-powered UPPMT o
- 4UPOFNBTPO o
- Stone polisher (hand or hand-powered UPPMT o
- Stone splitter (hand or hand-powered UPPMT o

.JOFSBM BOE TUPOF QSPDFTTJOH NPOJUPS BOE PQFSBUF NBDIJOFSZ FRVJQment for processing rocks, minerals and stone

4UPOF QPMJTIJOH NBDIJOF PQFSBUPS

Unit Group 8113

Well Drillers and Borers and Related Workers

Well drillers and borers and related workers position, assemble and operate drilling machinery BOE SFMBUFE FRVJQNFOU UP TBNQMFT MJRVJET BOE HBT other purposes.

5BTLT JODMVEF o

B EJTNBOUMJOH NPWJOH BOE TFUUJOH VQ SJHT BOE BVYJMJBSZ FRVJQNFOU

(b) assembling and dismantling pipes, casings and drill heads, and replacing dysfunctional FRVJQNFOU

(c) operating controls to lower and raise drill pipes and casings in and out of wells, regulate pressure in the well and control the speed of UPPMT

E QSFQBSJOH ESJMMJOH nVJET BOE DFNFOU UP FOTVSF BEIFTJPO PG QVNQT UP FOTVSF DPOUJOVPVT TVQQMZ

(e) monitoring gauges and other indicators, listening for unusual noises and vibrations and unusual well conditions, and determining UIF OFFE UP DIBOHF ESJMMJOH SJHT IPJTUJOH BOE PUIFS PQFSBUJPOT

I PQFSBUJPOBM NBDIJOFT BOE EVVJDFT TUBOE BOE MPTU BOE CSPLFO FRVJQNFOU GSPN IPMFT BOE XFMMT

J DMPTJOH BOE TFBMJOH XFMM DBTJOH

K TVQFSWJTJOH BOE USBJOJOH IPJTU BOE EFSSJDL PQFSBUPST

Examples of the occupations classi ed here:

Bore sinker
#PSJOH FRVJQNFOU PQFSBUPS
%FSSJDL NBO
%FSSJDL PQFSBUPS
%FWFMPQNFOUBM ESJMMFS
%JSFDUJPOBM ESJMMFS
%SJMMFS PJM PS HBT XFMM
%SJMMJOH QMBOU PQFSBUPS
%SJMMJOH SJH PQFSBUPS
Power-tong operator
5PPMQVTIFS
5PVSQVTIFS

Some related occupations classi ed elsewhere:

#MBTUFS o
.JOFS o
2VBSSJFS o

Unit Group 8114

Cement, Stone and Other Mineral Products Machine Operators

Cement, stone and other mineral products machine operators monitor and operate machines to manufacture cement, bitumen and stone products, and making cast stone for building purposes.

5BTLT JODMVEF o

B EJTNBOUMJOH NPWJOH BOE TFUUJOH VQ QVNQJOH DPNQBDUJOH HSJOEJOH BOE DVUUJOH NBDIJOFSZ UP NBOVGBDUVSF BOE mOJTI QSFDBTU DPODSFUF BOE TUPOF QSPEVDUT

(b) operating plant to produce cement, lime and clinker, including loading and unloading ingredients and operating continuous feed FRVJQNFOU TVDI BT QVNQT BOE DPOWFZPST

(c) operating plant and machines which weigh and blend raw materials with concrete and aggregates to make concrete products

(d) operating plant and machinery which assemble and mix products with concrete and aggregates to make concrete products

(e) cutting, grinding, drilling, sandblasting and polishing concrete products and stone blocks, slabs and products to the specifications for the work in hand

(f) checking production batches and specifications to determine and select materials, ingredients, procedures, components, settings and MFWFMT TFUUJOHT BOE DPOUSPM QBSBNFUFST

(g) monitoring plant and machines during operation by observing temperature and pressure gauges, adjusting controls and reporting malfunctions as necessary

I DPNNFOUJOH BOE FYBNJOJOH tures and nished products for conformity with specifications and adjusting machine TFUUJOHT BDDPSEJOHMZ

(j) checking and maintaining production records, dimensions and types of materials and HPPET QSPEVDFE

(j) arranging and assisting with plant and machinery maintenance and repair.

Examples of the occupations classi ed here:

Cast-concrete products machine operator
Cast-stone products machine operator
Concrete nishing machine operator
Concrete production machine operator
Industrial diamond polishing machine operator
Stone polishing machine operator

Some related occupations classi ed elsewhere:
Stone polisher (hand or hand-powered
UPPMT o
4UPOF QSPDFTTJOH NBDIJOF PQFSBUPS o

&YUSVEJOH DMBZ QSFTT PQFSBUPS o
,JMO PQFSBUPS CSJDL QPUUFSZ UJMF BOE EVTU FYUSBDUJPO

Note
&YBNQMFT PG QSPEVDUT QSPEVDFE CZ PQFSBUP
NBDIJOFT JO UIJT VOJU HSPVQ JODMVEF NJYF
VTF JO DJWJM FOHJOFFSJOH- BOE DPOTUSV
stones, concrete bricks and tiles, fencing posts, moulded pipe sections and trench liners, concrete railway sleepers, walling and partition slabs, building components, cable
DPOEVJU TVSGBDF BOE EVTU FYUSBDUJPO
wheels and outdoor furniture.

Minor Group 812
Metal Processing and Finishing Plant Operators

.FUBM QSPDFTTJOH BOE mOJTIJOH QMBOU PQFSBUPST PSHBOJ[F BOE DPOUSPM NBDIJOFSZ BOE FRVJQNFOU TFUUJOH UP QSPDFTT PSFT BOE SFGJOF NFUBMT BOE BMMPZT

5BTLT QFSGPSNFE VTVBMMZ JODMVEF TUBSUJOH VQ BOE PQFSBUJOH NBDIJOFSZ UP DBSSZ PVU QSPDFTTJOH PQFSBUJPOT TVDI BT NJYJOH NFUBM QSPDFTTJOH QSPEVDUJPO BOE SmOJTIJOH PQFSBUJPOT TVDI BT HBVHFT DBSSZJOH PVU SPVUJOF PQFSBUJPOT BOE BOBMZTJOH TBNQMF QSPEVDUT GPS UFTUJOH BOE XSJUJOH QSPEVDUJPO SFQPSUT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF JOUP UIF GPM

8121 Metal Processing Plant Operators

8122 Metal Finishing, Plating and Coating Machine Operators

Unit Group 8121
Metal Processing Plant Operators

.FUBM QSPDFTTJOH QMBOU PQFSBUPST PSHBOJ[F operate, adjust and maintain single-function QSPDFTT NBDIJOFSZ BOE FRVJQNFOU UP QSPDFTT BOE DPOWFSU NJOFSBM PSFT BOE FYUSVEF NFUBMT

5BTLT JODMVEF o
(a) setting up, preparing and adjusting mineral ore and metal processing machinery to carry PVU POF TUFQ JO UIF PWFSBMM NJOFSBM PSF PS NFUBM QSPDFTTJOH PQFSBUJPOT
(b) operating single-function machinery to grind, TFQBSBUF mMUFS NJY USFBU PUIFSXJTF QSPDFTT NFUBMT BOE DPNQPVOE NJOFSBM PSFT
D PCTFSWJOH HBVHFT NFUFSTDBMF QVVUT WJEFP NPOJUPST BOE QSPEVDUT UP FOTVSF UIF DPSSFDU PQFSBUJPO PG NBDIJOFT BOE WFSJGZ TQFDJmFE QSPDFTTJOH DPOEJUJPOT
E BEKVTUJOH FRVJQNFOU WBMWFT BOE QSPDFTT FRVJQNFOU
(e) controlling the preparation, measuring and feeding of raw materials and processing BHFOUT JOUP UIF QMBOU
(f) controlling process start-up and shut-down, troubleshooting and monitoring outside QSPDFTT FRVJQNFOU

H WFSJGZJOH FRVJQNFOU UP GPS NBMG
rying out routine operating tests and ar-
SBOHJOH GPS NBJOUFOBODF
(M) analysing sample products, performing tests, QVSQPTFT
recording data and writing production logs.

Examples of the occupations classi ed here:
Ladle pourer
.FUBM FYUSVTJPO QMBOU PQFSBUPS
.FUBM IFBU USFBUJOH PQFSBUPS
Steel roller

Some related occupations classi ed elsewhere:
#MBTU GVSOBDF PQFSBUPS o
#PNC NJOJOH TIPU mSJOH NBDIJOF PQFSBUPS o
BPNEMJOHIFSBMMPS PUIFSXJTF QSPDFTTJOH PQFSBUPS
D PCTFSWJOH HBVHFT NFUFSTDBMF QVVUT WJEFP NPOJUPST BOE QSPEVDUT UP FOTVSF UIF DPSSFDU PQFSBUJPO PG NBDIJOFT BOE WFSJGZ TQFDJmFE QSPDFTTJOH DPOEJUJPOT

Unit Group 8122
Metal Finishing, Plating and Coating Machine Operators

.FUBM GJOJTIJOH QMBUJOH BOE PQFSBUPST NPOJUPS BOE PQFSBUF FRVJQNFOU TP nishes, plates and coats metal articles or parts JO PSEFS UP HJWF UIFN JNQSPWF

DPSSPTJPO BOE BCSBTJPO GPS EFQPSBUJOH BQQMZJOH QPMJTI FRVJQ
or to impart electrical or magnetic properties.
5BTLT JODMVEF o
B PQFSBUJOH BOE NPOJUPSJOH FRVJQNFOU XIJDI
cleans metal articles in preparation for elec-
USPQMBUJOH HBMWBOJ[JOH
QSPDFTTFT
(b) operating and monitoring electroplating
FRVJQNFOU
D PQFSBUJOH BOE NPOJUPSJOH IPU EJQ FRVJQNFOU
VTFE UP DPBU JSPO BOE TUFFM XJUI OPO GFSSPVT
(d) operating and monitoring machines which
automatically coat wire with non-ferrous
NFUBM
F PQFSBUJOH BOE NPOJUPSJOH FRVJQNFOU VTFE
to spray molten metal or other substances
POUP NFUBM QSPEVDUT
PS EFDPSBUJWF DPBUJOH PS UP
EBNBHFE TVSGBDFT

impart a rust-resistant nish to metal articles
by treating them with chemicals and heating
(g) checking proper thickness of plating using
DPSEJOH EBUB BOE XSJUJOH QSPEV
I QSFQBSJOH BOE NJYJOH NFUBMMJ[J
according to formulas or speci cations.
Examples of the occupations classi ed here:
.FUBM DPBUJOH NBDIJOF PQFSBUPS
.FUBM mOJTIJOH NBDIJOF PQFSBUPS
.FUBM QMBUJOH NBDIJOF PQFSBUPS
Some related occupations classi ed elsewhere:
7FIJDMF QBJOUFS o

Minor Group 813
Chemical and Photographic Products Plant and Machine Operators

Chemical and photographic products plant and machine operators monitor and operate ma-
DIJOFT XIJDI QSPDFTT B WBSJFUZ PG
UPJMFUSJFT FYQMPTJWFT BOE QIPUPHSBQIJD PS PUIFS DIFNJDBM
5BTLT QFSGPSNFE VTVBMMZ JODMVEF
CMFOE NJY QBDLBHF BOE PUIFSXJTF
EFTJSFE QSPQFSUJFT GPS
of other workers may be included.
0DDVQBUJPOT JO UIJT NJOPS HSPVQ
8131 Chemical Products Plant and Machine Operators
8132 Photographic Products Machine Operators

Unit Group 8131
Chemical Products Plant and Machine Operators

Chemical products plant and machine operators monitor and operate units and machinery
UP CMFOE NJY QSPDFTT BOE QBDLBHF
of chemical products.
5BTLT JODMVEF o
(a) setting up, starting, controlling, adjusting
BOE TUPQQJOH NBDIJOFT BOE
(b) monitoring reaction processes and transfers
of products in conformity with safety pro-
DFEVSFT
(c) monitoring meters, gauges and electronic in-
strumentation on one or more chemical or
GPSNVMBUJPO VOJUT
blenders, dryers, or tabletting, encapsula-
UJPO HSBOVMBUJPO BOE DPBUJOH NBDIJOFT
(d) measuring, weighing and loading chemical
JOHSFEJFOUT GPMMPXJOH GPSNVMBUJPO DBSET
(e) making samples and performing routine
chemical and physical tests of products and
SFDPSEJOH QSPEVDUJPO EBUB
(f) cleaning and performing minor repairs to
machines and plant.
Examples of the occupations classi ed here:
Candle production machine operator
&YQMPTJWF QSPEVDUT NBDIJOF PQFS
Pharmaceutical and toiletry products
machine operator
Some related occupations classi ed elsewhere:
$IFNJDBM QSPDFTTJOH QMBOU DPOUS
Petroleum and natural gas re ning plant
PQFSBUPS o
TVDI BT NJYFST LFUUMFT

Unit Group 8132

Photographic Products Machine Operators

Photographic products machine operators operate and monitor machines which produce photographic lm and paper, and which processes exposed photographic lms and paper.

Tasks include:

(a) examining photographic lms and paper to detect faults
(b) operating, monitoring and testing photographic processing machines
(c) operating photographic lm printers
(d) inspecting images, lms and prints, and adjusting printing machines to produce prints of required standard
(e) adjusting settings and running automatic developing machines
(f) locating defects and repairing worn and faulty photographic lms
(g) performing photographic processing-related laboratory duties

Examples of occupations classi ed here:

Photographic lm developer
Photographic lm printer
Photographic processor
Photographic printer

Some related occupations classi ed elsewhere:

Photographer
Photographic lm and video equipment operator

Minor Group 814

Rubber, Plastic and Paper Products Machine Operators

Rubber, plastic and paper products machine operators monitor and operate machines which produce rubber, plastic, paper and similar products, or which convert rubber, plastic, paper, paperboard, cardboard and similar materials.

Tasks include:

- examining products to detect faults
- operating and monitoring machines which produce rubber, plastic, paper and similar products, or which convert rubber, plastic, paper, paperboard, cardboard and similar materials
- adjusting machine settings accordingly

Minor group 814 includes:

8141 Rubber Products Machine Operators
8142 Plastic Products Machine Operators
8143 Paper Products Machine Operators

Unit Group 8141

Rubber Products Machine Operators

Rubber products machine operators monitor and operate machines which knead and blend rubber and rubber compounds and produce rubber and synthetic rubber, such as moulded footwear, domestic articles, insulating materials, industrial accessories or tyres.

Tasks include:

(a) operating and monitoring machines which knead and blend rubber and rubber compounds
(b) operating and monitoring machines which produce sheets of rubber or rubberized fabric
(c) operating and monitoring machines which extrude and mould rubber products
(d) operating and monitoring machines which coat, proof and laminate fabrics with rubber
(e) operating and monitoring machines which vulcanize rubber products or goods
(f) locating defects and repairing worn and faulty

Examples of the occupations classi ed here:
-BUFY XPSLFS
3VCCFS FYUSVEJOH NBDIJOF PQFSBUPS
Rubber milling machine operator
Rubber moulder
Rubber products machine operator
5ZSF NBLFS
5ZSF SFQBJSFS
Vulcanizer

Examples of the occupations classi ed here:
Laminated press operator (plastics)
Plastic boat builder
Plastic bottle blowing machine operator
Plastic cable making machine operator
1MBTUJD FYUSVTJPO NBDIJOF PQFSB
Plastic moulder
Plastic products machine operator

Unit Group 8142
Plastic Products Machine Operators

Plastic products machine operators monitor and operate machines which knead and blend compounds to obtain plastic materials and which
NBLF WBSJPVT QMBTUJD DPNQPVOET BOE TJNJMBS NBUFSJBMT
5BTLT JODMVEF o
(a) operating and monitoring machines which knead and blend compounds to obtain QMBTUJD NBUFSJBMT
(b) operating and monitoring machines which TIBQF QMBTUJD NBUFSJBMT JOUP TIFFUT CMPXJOH DVUUJOH BOE TJNJMBS PQFSBUJPOT
(c) operating and monitoring machines which laminate plastics and plastic-impregnated NBUFSJBMT PS QSPEVDF mCSF JO QMBTUJD
(d) encasing uncoated wire, cord, cable and PQUJD mCSF JO QMBTUJD
F FYBNJOJOH PVUQVUT GPS EFGFDUT BOE DPO GPSNJUZ UP TQFDJmDBUJPOT
G SFDZDMJOH XBTUF QMBTUJD NBUFSJBMT
(g) making arti cial eyes and contact lens discs, and making and repairing spectacle frames and plastic parts of orthopaedic appliances.

Unit Group 8143
Paper Products Machine Operators

Paper products machine operators monitor and PQFSBUF NBDIJOFT XIJDI -QSPEVDF CP
lopes, bags and other goods from paper, paperboard, cardboard and similar materials.
5BTLT JODMVEF o
(a) operating and monitoring machines which glue paper to cardboard, cut it to the required size and score it for folding
(b) operating and monitoring machines which form, print, fold, seal or otherwise nish paper or cardboard boxes or other containers
(c) operating and monitoring machines which SVMM BOE HMVF QBQFS UP NBLF
and paper bags, or which form bags from other similar material.
F FYBNJOJOH PVUQVUT GPS EFGFDUT BOE DPO GPSNJUZ UP TQFDJmDBUJPOT
G SFDZDMJOH XBTUF QMBTUJD NBUFSJBMT DBSECPBSE QSPE
Examples of the occupations classi ed here:
.BDIJOF PQFSBUPS FOWFMPQF BOE bag production)
.BDIJOF PQFSBUPS QBQFS CPY QSPE
Paper products machine operator
Papier machØ moulder

Minor Group 815
Textile, Fur and Leather Products Machine Operators

5FYUJMF GVS BOE MFBUIFS QSPEVDUT NBDIJOF PQFSBUPST BOE BTTFNCMFST
DIJOFT XIJDI QSFQBSF QSPDFTT BOE UFYUJMFT GPS TQJOOJOH
SFQBJS GPPUXFBS BOE HBSNFOUT
5BTLT QFSGPSNFE VTVBMMZ JODMVEF OPHQ BSE EU JLOHJ UBUJOEONPNJUBUDHSOF
XIJDI QSPDFTT ZBSO PS UISFBE JOUP QXSPWEVDU UOTP OPXPWFBTUJOHBOEJ
monitoring machines which prepare bres, and spin, double, twist and wind yarn and thread
GSPN OBUVSBM UFYUJMF mCSFT PQJFSBUJOHNBOE NSPDQJBUJOSS JEOHS
BOE SFOPWBUF UFYUJMF GVS TZOUIFUJDFT PSSS MBNNFOUFDSB MBSTFNTJOHUOTT
HBSNFOUS PS PUIFS NBUFSJBMT PXIFSBUJOHNBDIJOF
BOE PUIFSXJTF USFBU mCSFT ZBSOBSONEOUTPUGVSS SXVJHTIEECSZ DBMSFQB
PQFSBUJOH BOE NPOJUPSJOH WBSJPVT SNBUSJFBUFGXSJDPSQXFRMBSCFMSJE
QFMUT PQFSBUJOH BOE NPOJUPSJOH NBDIJOFT
or orthopaedic footwear and leather articles such as luggage, briefcases and handbags.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQFE JOUP UIF GPM

8151 Fibre Preparing, Spinning and Winding Machine Operators

8152 Weaving and Knitting Machine Operators

8153 Sewing Machine Operators

8154 Bleaching, Dyeing and Fabric Cleaning Machine Operators

8155 Fur and Leather Preparing Machine Operators

8156 Shoemaking and Related Machine Operators

8157 Laundry Machine Operators

8159 Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified

Unit Group 8151

Fibre Preparing, Spinning and Winding Machine Operators

Fibre preparing, spinning and winding machine operators monitor and operate machines which prepare bres, and spin, double, twist and wind ZBSO BOE UISFBE GSPN OBUVS Boperating and mesurfacing metal drawing twist two or more strands of yarn to prepare TJOHMF TUSPOHFS TNPPUIFS Sing machines with new bers or leather TUSBOET BOE USFBU UFYUJMFT DPWFSJOH UIFN TUJ BOE water resistant.

5BTLT JODMVEF o

(a) operating and monitoring machines for UFBSJOH XPPMMFO SBHT JOUP Fibre preparing machine operator

(b) operating and monitoring machines for cleaning and turning woollen yarn waste into nV FE XPPM

(c) operating and monitoring machines which DPNCJOF UFYUJMF mCSFT JOUP 5 VSOJOH BOE DMFBOJOH NBDIJOFT XJOEJOH NBDIJO

(d) operating and monitoring machines which DMFBO BOE nV UFYUJMF mCSFT USBOTGPSN UIFN JOUP TMJWFS DPNC UIFN JOUP TMJWFS GPS GJSTU EBXJOH DPNCJOF TMJWFST JOUP TMJWFS MBQ PS TMJWFS MBQT JOUP SJCCPOT PU Unit Group 8152

F PQFSBUJOH EBX GSBNFT NBDIJOFT IBWJOH numbers of drawing sets, each set combining TFWFSBM TMJWFST JOUP BFBWF FOHBOE BLSMJZUUJOH TNBNF JOF PQ weight and thickness as any of the original TMJWFST

(f) operating and monitoring machines which TQJO UISFBE BOE ZBSO GSPN OF Spin, Tape, Carpets, Industrial fabrics, Hosiery or more threads onto a bobbin, twist two or more strands of yarn or thread into single strands of yarn to increase strength, smooth- OFTT BOE PS VOJGPSNJUZ Pa) setting up and operating braiding of auto- PS UISFBE GSPN POF QBDLBnhatic, Link-type Knitting Machines to knit

(g) operating and monitoring spinning frames (S) Weaving yarn, thread or fabric through UIBU ESBX PVU BOE UXJTU (S) guides, needles and rollers of machines for ZBSO

(h) operating and monitoring machines for (c) Fending fabric edges that shall subsequently ESBXJOH TMJWFST SFDF-JWFST DIJOFT JOUP MPPTFMZ UXJTUFE BOE QEFMF ZBSO mMMJOH ZBSO J QSFQBSJOH TJ[JOH GP-S V Material to produce carpets and rugs with JTIJOH DMPUI BOE ZBSO CZWBSJOH JOUP DPNIPVSFJEFOUJFT

such as starch, tallow, resins and soaps with XBUFS BOE CPJMJOH NJYUVSF GPS TQ JO TUFBN

K USFBUJOH UFYUJMFT XJUI DIFNJDBMT XBUFS SFTJTUBOU

(k) cleaning rollers and cylinders of carding ma- DJOFT UP SFNPWF XPPM XBTUF

SPMMT PG WBSJPVT TQJOOJOH DP

Examples of the occupations classi ed here:

Fibre combing machine operator

5ISFBE BOE ZBSO TQJOOJOH NBDIJO operator

5ISFBE BOE ZBSO UXJTUJOH NBDIJ operator

operator

Weaving and Knitting Machine Operators

VQ PQFSBUF BOE NPOJUPS XFBWJOH B machines which process yarn or thread into XPWFO OPO XPWFO BOE LOJUUFE QSPE BOE LOJUUFE HBSNFOUT PS UP RVJMU E fabric.

5BTLT JODMVEF o

(a) ZBSO UP and operating braiding of auto- matic, Link-type Knitting Machines to knit HBSNFOUT PG TQFDJmFE QBUUFSO E

guides, needles and rollers of machines for XFBWJOH LOJUUJOH PS PUIFS QSPD

(c) Fending fabric edges that shall subsequently mMMJOH ZBSO

(d) operating and monitoring looms on which yarn or twist is intersected and knotted at
(e) operating and monitoring large automatic multi-needle machines to embroider material
(f) tending circular knitting machines with automatic pattern controls that knit seamless
(g) operating and monitoring knitting machines
(h) operating and monitoring machines for knitting heels and toes of socks into ribs or tops
(i) operating and monitoring machines which
(j) operating and monitoring crochet machines to knit lace, trimming, etc. of desired pat-
(l) loom stoppage, such as warp
(m) cleaning, oiling and lubricating machines, using air hoses, cleaning solutions, rags, oil

Examples of the occupations classi ed here:
Knitting machine operator
Net production machine operator

Some related occupations classi ed elsewhere:
o
o
o

Unit Group 8153

Sewing Machine Operators

Sewing machine operators monitor and operate sewing machines to make, repair, darn and re-
or embroider ornamental designs on garments
making and eyelet holing machines to cut holes,
to garments.

(a) operating or tending sewing machines to perform garment sewing operations such as joining, reinforcing, seaming or decorating

(b) attaching buttons, hooks, zippers, fasteners or other accessories to fabric, using feeding
(c) tending semiautomatic sewing machines with multiple-sewing heads controlled by pattern
(d) operating machines such as single or double
to automatically join, reinforce or decorate
(e) operating
(f) operating stitching machines to sew leather parts together for leather garments, hand-
(g) monitoring machine operations to detect
such as replacing needles.

Examples of the occupations classi ed here:
Embroidery machine operator
Sewing machine operator

Some related occupations classi ed elsewhere:
o
o
o
o
o

Unit Group 8154

Bleaching, Dyeing and Fabric Cleaning Machine Operators

Bleaching, dyeing and fabric cleaning machine operators operate and monitor machines that bleach, shrink, dye and otherwise treat bres, yarn or cloth.

(a)
ment to bleach, dye or otherwise process and
(c)
cloth to predetermined size or strength
(d) operating and monitoring machines that
(e) operating and monitoring machines that im-

(f) dyeing articles to change or restore their colour
(g) operating and monitoring machines that stretch or impart lustre or other type of nish to textiles and garments
(i) operating machines that comb, dry and polish furs, and clean, sterilize and fluff furskins
(j) keying in processing instructions to production machinery
(l) cleaning machine filters and lubricating machinery

Examples of the occupations classi ed here:
Fabric bleaching machine operator
Fabric dyeing machine operator
Fabric printing machine operator
Fur dressing machine operator
Fur dyeing machine operator
Fur plucking machine operator

Some related occupations classi ed elsewhere:
Fabric printer o
Fur dresser o
Textile bleaching and dyeing machine operator o

Unit Group 8155
Fur and Leather Preparing Machine Operators

Fur and leather preparing machine operators monitor and operate machines which prepare leather or treat fur- or wool-bearing animal hides, pelts or skins to produce leather stock and nished furs.

5BTLT JODMVEF o
(a) operating and monitoring machines which soften and dress leather or treat fur- or wool-bearing animal hides, pelts or skins to produce leather stock and nished furs
(b) operating and monitoring machines which tan animal hides and skins to produce leather
(c) operating and monitoring machines to soften, grain, emboss or polish leather
(d) operating and monitoring machines to reduce thickness of hides or split leather
(e) operating and monitoring machines to polish or sponge hides or skins
(f) operating and monitoring machines which treat and dress wool, hair and skins

(g) operating and monitoring machines in which hides are split edgeways to form two or more
(h) operating and monitoring machines which treat surfaces of leather with silicone and operating glazing machines
(j) operating and monitoring machines which apply and stitch and operate other machinery

Examples of the occupations classi ed here:
Hide dehairing machine operator
Leather staining machine operator

Some related occupations classi ed elsewhere:
Fur dresser o
Textile bleaching and dyeing machine operator o

Unit Group 8156
Shoemaking and Related Machine Operators

Shoemaking and related machine operators monitor and operate machines which produce and repair standard or special footwear, handbags and other accessories, mainly made of leather.

5BTLT JODMVEF o
(a) operating and monitoring machines which cut parts for shoes, handbags and other leather goods
(b) operating and monitoring machines which sew shoe parts together, or edge, polish or nish shoes
(c) operating and monitoring machines which produce luggage, handbags, belts and other accessories, as well as other items such as saddles, collars or harnesses.

Examples of the occupations classi ed here:
Shoe repairer
Shoemaking machine operator

Some related occupations classi ed elsewhere:
)BOEJDSBGU XPSLFS MFBUIFS o
$PCCMFS o

Unit Group 8157
Laundry Machine Operators

Laundry machine operators operate laundry, dry-cleaning, pressing and fabric treatment machines in laundries and dry-cleaning establishments.

5BTLT JODMVEF o

(a) sorting articles for cleaning according to the type, colour, fabric and cleaning treatment SFRVJSFE

(b) placing sorted articles into receptacles and POUP DPOWFZPS CFMUT GPS DMFBOJOH BSFBT

D DIFDLJOH BOE SFNPWJOH TFQBSBUJOH CVUUPOT BOE NBLJOH

(d) loading and unloading washing machines, ESJFST BOE FYUSBDUPST

F BEEJOH DMFBOJOH BHFOUT

(f) smoothing articles and guiding them through DMFBOJOH BOE QSFTTJOH

(g) stopping and starting machines to untangle, TUSBJHIUFO BOE SFNPWF

I QMBDJOH BSUJDMFT PO- TIJQ

JDMFT GPS EFMJWFSZ BOE

(i) packaging articles and preparing orders for dispatch.

Examples of the occupations classi ed here:

%SZ DMFBOJOH NBDIJOF PQFSBUPS

Laundry machine operator

Pressing machine operator (laundry)

Some related occupations classi ed elsewhere:

)BOE MBVOEFSFS o

)BOE QSFTTFS o

Unit Group 8159

Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified

5IJT VOJU HSPVQ DPWFST UFYUJMF GV

Machine Operators Not Elsewhere Classified

XIFSF JO .JOPS (SPVQ 5FYUJ

THIS UNIT GROUP INCLUDES MACHINE OPERATORS NOT ELSEWHERE CLASSIFIED WHO ARE MAINLY ENGAGED IN OPERATING AND MONITORING MACHINES WHICH MAKE HATS, TENTS, MATTRESSES OR MISCELLANEOUS ARTICLES SUCH AS TRADESMEN'S TOOLBAGS.

*O TVDI DBTFT UBTLT XPVME JODMVE

(a) operating and monitoring machines which GPSN BOE NBLF IBUT PVU PG UFYUJM

(b) operating and monitoring machines which make miscellaneous articles such as braids PS PUIFS USJNNJOHT

(c) operating and monitoring machines which GPME DMPUI JOUP NFBTVSFE MFOHU

(d) operating and monitoring machines which wind thread, twine or yarn into balls pre- QBSBUPSZ UP TIJQQJOH PS GVSUIFS Q

(e) operating and monitoring machines to measure size of pieces of leather.

Examples of the occupations classi ed here:

Braid making machine operator

Hat making machine operator

5FOU NBLJOH NBDIJOF PQFSBUPS

5FYUJMF QBUUFSONBLJOH NBDIJOF P

Minor Group 816

Food and Related Products Machine Operators

Food and related products machine operators set, operate and attend machinery used to TMBVHIUFS BOJNBMT BOE USJN NFBUFS[SFFO NFDBUSDDBSTTFIT NBJOYE CJWFCOEL BOE PUIFSXJTF QSPDFTT GPPETUV T CFWFSBHFT BOE UPCBDDP

5BTLT QFSGPSNFE VTVBMMZ JODMVEFO FSQZFVSTBFUEJOHP BSGFEUNSPBJJDUPTUJV BOE TMBVHIUFS BOJNBMT BOE UP BSTEmDBVTTFTTFJUOUJEHTUI FSBUJOH BOE BUUFOEJOH NBDIJOFSZ BXJEETPWQFSOTQEBFNCYSFCBLFOEO nPVS DPOGDUJPOFSZ QSPEVDUT FNQBFMSUBUDEPHLNBDEJGFSXFUDP HSBJOT BOE GSVJUT UP QSPEVDF ZCFFBTU BKJEFSTFMNBUBFU QMSPEVD BUUFOEJOH FRVJQNFOU UP NBLF KBN FUFNBSHBJSFJOF QZSDVFQTTFE QBTUB JDFDSFBN TBVTBHFT DIPDPBMDEUEFMXJSJ[FOTUPBSEDSBEJDHMFR NFOU UP DPPM IFBU ESZ SPBTU JCMJE[EDGSQEBT[UFWSJB[QPSTBUPLBOTEU DFOUSBUF GPPETUV T BOE MJRVJEQVWTQFHJOHSJPDMFJQSPDMFTTOE BOE TFQBSBUJOH GPPETUV T BOE MFWJVEFTHXJJUEDOVSBDOEm MQUSFS FRVJQNFOU QSPDFTTJOH UPCBDDP MEUBFWTFDJCHZBSNBDIOEFQUQFNBOE other tobacco products.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSEJDMBSTFVQFE JOUP UIF GPM

Unit Group 8160

Food and Related Products Machine Operators

Food and related products machine operators set, operate and attend machinery used to slaughter animals and trim meat from carcasses, and bake, cook and ferment grains and fruits to produce cheese, processed cheese, margarine, syrup, ice, pasta, icecream, sausages, chocolate, blanch, pasteurize, smoke, sterilize, freeze, make cigarettes, cigars and pipe and other tobacco products.

Examples of the occupations classified here:

- Bakery products machine operator
- Bread production machine operator
- Chocolate production machine operator
- Cigarette production machine operator
- Cigar production machine operator
- Fish processing machine operator

Some related occupations classified elsewhere:

- Butcher (see 6411)
- Slaughterman (see 6411)

Minor Group 817

Wood Processing and Papermaking Plant Operators

Wood processing and papermaking plant operators monitor, operate and control machinery to saw, peel, chip, pulp, dry, bleach and coat wood, pulp and paper for further use.

Unit Group 8171

Pulp and Papermaking Plant Operators

Pulp and papermaking plant operators monitor and operate machinery to produce pulp, paper and paperboard from wood and other fibrous materials, and to coat, finish and convert paper and paperboard products, including monitoring plywood core-laying machines and hot-plate plywood presses and machines which

Unit Group 8172

Wood Processing Plant Operators

Unit Group 8171

Pulp and Papermaking Plant Operators

Pulp and papermaking plant operators monitor and other cellulose materials in the production of pulp and to produce coat and nish paper.

5BTLT JODMVEF o

(a) operating and monitoring screening and tanks, washers and other pulp processing

(b) operating and monitoring papermaking and to dry, calender, laminate, coat, slit, trim, wind or carry out other papermaking and

(c) controlling start-up and shut-down of ma-

ensure that process steps are carried out ac-

(d) communicating with process control operators to make process adjustments and to start

(e) analysing instrument readings and production test samples and making adjustments

(f) mounting, positioning and threading paper

discoloration, streaks or other defects, and

(h) completing and maintaining production reports.

Examples of the occupations classi ed here:

- Calender operator (pulp and paper)
- Pulp and paper grinder operator
- Repulper operator
- Sheeter operator (pulp and paper)

Some related occupations classi ed elsewhere:

- 1BQFS QVMQ SFmOFSZ PQFSBUPS o
- 1VMQJOH DPOUSPM PQFSBUPS o
- 1VMQJOH UFDIOJDJBO o

Unit Group 8172

Wood Processing Plant Operators

Wood processing plant operators monitor, operating and monitoring machines to saw timber logs into rough lumber, cutting timber logs into rough lumber, cutting timber logs into rough lumber, cutting

5BTLT QFSGPSNFE VTVBMMZ JODMVEFP NPSJOHT PG JNQPSUBOU PQFSBUJPOT
NFOU VTFE JO UIF NBOVGBDUVSF PGFFIMPEST TUDSIFFSBNPQTFQSPDFIMNBEJJO
UP BOOFBM IBSEFO PS EFDPSBUF HMBTT PSEFUFQBFOSBUJDSBNTJUBTUJNPBUSZJO
FOHJOFT CPJMFST UVSCJOFT BOE BVYJMJBSZ FRVJQNFOU
weigh, pack and label products, or ll containers with products.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFTJFE JOUP UIF GPM

8181 Glass and Ceramics Plant Operators

8182 Steam Engine and Boiler Operators

8183 Packing, Bottling and Labelling Machine Operators

8189 Stationary Plant and Machine Operators Not Elsewhere Classified

Unit Group 8181

Glass and Ceramics Plant Operators

(MBTT BOE DFSBNJDT QMBOU PQFSBUPST
operate kilns, furnaces and other machinery and
FRVJQNFOU VTFE JO UIF NBOVGBDUVSF PG
SBNJDT QPSDFMBJO UJMFT PS
machines to anneal, harden or decorate glass
and ceramics.

5BTLT JODMVEF o

(a) operating and monitoring glass-making furnaces to make glass by melting and fusing
QSFQBSF NJYFE JOHSFEJFOUT
C UFOEJOH IPU PS DPME
VTFE UP DPBU HMBTTXBSF XJUI
(c) operating and maintaining machines that press or blow molten glass into moulds to form or shape containers such as bottles, jars
BOE ESJOLJOH HMBTTFT
(d) operating hand presses to mould glass into
SFRVJSFE TIBQF
(e) operating drawing kilns to process molten
HMBTT JOUP DPOUJOVPVT TI
G PQFSBUJOH BOE NPOJUPSJOH
EVDUJPO QMBOUT
(g) operating and maintaining finishing ma-
DIJOFT UP HSJOE ESJMM
XBTI PS QPMJTI HMBTT PS
(h) setting and operating press machines to
NPVME DFSBNJD BSUJDMFT
J PQFSBUJOH NBDIJOFT UP
knead it into a suitable plastic condition or
TFNJ MJRVJE GPSN GPS
VDUT
(j) operating and monitoring kilns which bake
QPUUFSZ QPSDFMBJO XBSF
(k) operating and monitoring machines for
NBLJOH HMB[F PS BCSBTJWF
(l) operating and monitoring machines which
FYUSVEF NPMUFO HMBTT
NFOUT
N PCTFSWJOH mOJTIFE QSPEVDUT
cracks, breaks, colour and other imperfections.

Examples of the occupations classi ed here:

Brick kiln operator
Ceramics painting machine operator
Furnace operator (glass production)
Pottery kiln operator
5JMF LJMO PQFSBUPS

Some related occupations classi ed elsewhere:

(MBTT DVUUFS o

Unit Group 8182

Steam Engine and Boiler Operators

Steam Engine and Boiler Operators maintain and
UVSCJOFT BOE BVYJMJBSZ FRVJQNFOU
QPXFS BOE PUIFS VUJMJUZ TFSWJDFT
Typical Industrial and Institutional Buildings, at
WFTTFMT
(a) operating, cleaning, adjusting and monitoring
UPSJOH TUFBN FOHJOFT CPJMFST
BJS DPOEJUJPOJOH FRVJQNFOU
maintain steam and power for buildings,
(b) analysing and recording instrument readings, troubleshooting and performing minor
SFQBJST UP QSFWFOU FRVJQNFOU
(c) monitoring and inspecting performance of
suring that boiler water, chemicals and fuel
BSF NBJOUBJOFE BU SFRVJSFE MFWF

(d) ring coal furnaces by hand or with stokers and gas- or oil-fed boilers, using automatic HBT GFFET PS PJM QVNQT F UFTUJOH CPJMFS XBUFS RVBMJUZ BOE MPUJ testing, adjusting and taking necessary cor- SFDUJWF BDUJPO TVDI BT BEHVTUJOH DPOUSPMT BOE IBOEMJOH TBGFUZ QSFWFOU DPSSPTJPO BOE IB
(f) monitoring ship s engine, machinery and FRVJQNFOU JOEJDBUPST and reporting abnormalities to the ship s en- HJOFFS P DFS PO XBUDI H PQFSBUJOH BOE NBJOUBJOJOH QVNQT BOE WBMWFT

Examples of the occupations classi ed here:
Boiler tender
Ships boiler operator
Stationary engineer
Steam engine operator
Stoker

Some related occupations classi ed elsewhere:
4IJQT FOHJOFFS o
4UBUJPOBSZ FOHJOF mUUFS o

Unit Group 8183

Packing, Bottling and Labelling Machine Operators

Packing, bottling and labelling machine operators monitor and operate machines which weigh, QBDL BOE MBCFM WBSJPVT QSPEVDUT containers with products.

5BTLT JODMVEF o
(a) operating and monitoring machines that XFJHI XSBQ TFBM BOE QBDL WBSJPVT QSPEVDUT
(b) operating and monitoring machines that ll BOE TFBM UVCFT CPUUMFT DBOT CP other containers with products such as food, DPNGFDUJPOFSZ QIBSNBDFVUJDBM DPTNFUJD BOE MPUJ
(c) operating and monitoring machines that, by gluing or other methods, label products, QSFQBSF DBSET BOE MFUUFST GPS QSPEVDU JEFOUJmDBUJPO BOE QBDLBHJOH QVSQPTFT
Examples of the occupations classi ed here:
Bottle ller
Canning machine operator
Labelling machine operator
Packing machine operator
Wrapping machine operator

Some related occupations classi ed elsewhere:
)BOE QBDLFS o

Unit Group 8189

Stationary Plant and Machine Operators Not Elsewhere Classified

5IJT VOJU HSPVQ JODMVEFT TUBUJPOBSZ chine operators not classi ed elsewhere in Sub- NBKPS (SPVQ 4UBUJPOBSZ 1MBOU BO 0QFSBUPST 5IF HSPVQ JODMVEF operators of machines which make silicon chips and splice cables and ropes.

Examples of the occupations classi ed here:
Cable and rope splicing machine operator
Silicon chip production machine operator

Sub-ma~or Group 82
Assemblers

"TTFNCMFST BTTFNCMF QSFGBCSJDBUFE BQTBSUT PG NBDIJOFT PS NFDIBOJDBM FRVJQNFOU BDDPSEJOH UP QSPDFEVSFT TUSJDUMZ MBJE EPXO PS PO NBOVBM BOE FMFDUSPOJD DPOUSPM TZTUFNT UP QSPEVDF DPNQMFUF QSPEVDUT PG UIJT TVC NBKPS HSPVQ SFQSFTFOUJOH TVDI JUFNT BT UIF TFDPOE

5BTLT QFSGPSNFE CZ XPSLFST JO UIJT TVC NBKPS HSPVQ JOVP WBSJPVT UZQFT PG QSPEVDUT BOE PGUFO XPSL JO TFWJFXJOH XPSL PSEFST TQFDJmDBUJPOT JOTUSVDUJPOT TFDPOEBSZ JOGPSNBUJPO BOE TUBOEBSE UFTUJOH DPNQMFUFE DPNQPOFOUT BOE TVC BTTFNCMJFT rejecting faulty assemblies and components.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JOVP WBSJPVT UZQFT PG QSPEVDUT

821 Assemblers

Minor Group 821
Assemblers

"TTFNCMFST BTTFNCMF QSFGBCSJDBUFE BQTBSUT PG NBDIJOFT PS NFDIBOJDBM FRVJQNFOU BDDPSEJOH UP QSPDFEVSFT TUSJDUMZ MBJE EPXO PS PO NBOVBM BOE FMFDUSPOJD DPOUSPM TZTUFNT

5BTLT QFSGPSNFE VTVBMMZ JOEMVEF JBTTFNCMJOH DPNQMFUF QSPEVDUT GSPN NBOVGBDUVSFE QBSUT PS DPNQPOFOUT BOE FYFDVUJOH TJNQMF NBDIJOF PQFSBUJPOT TVDI BT TDSFXJOH CPMUJOH HMVJOH BOE QSFTTJOH PQFSBUJPOT

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JOVP UIF GPMMPXJOH DMBTTFT

8211 Mechanical Machinery Assemblers

8212 Electrical and Electronic Equipment Assemblers

8219 Assemblers Not Elsewhere Classified

Unit Group 8211
Mechanical Machinery Assemblers

.FDIBOJDBM NBDIJOFSZ BTTFNCMFST BTTFNCMF BDcording to procedures strictly laid down, component parts of mechanical machinery such as FOHJOFT NPUPS WFIJDMFT UVSCJOFT BOE BJSDSBGU 5BTLT JODMVEF o

(a) assembling and installing prefabricated parts or components to form subassemblies, mechanical machinery, engines and finished NPUPS WFIJDMFT

(b) C SFWJFXJOH XPSL PSEFST TQFDJmDBUJPOT JOgrams and drawings to determine materials OFFEFE BOE BTTFNCMZ JOTUSVDUJPOT

(c) recording production and operational data PO TQFDJmFE GPSNT

(d) inspecting and testing completed compoOFOUT BOE BTTFNCMJFT

(e) rejecting faulty assemblies and components.

Examples of the occupations classi ed here:

"JSDSBGU BTTFNCMFS Bench tter (trucks)
Engine assembler
Engine installer
(FBSCPY BTTFNCMFS 5VSCJOF BTTFNCMFS Vehicle assembler

Some related occupations classi ed elsewhere:

.PUPS WFIJDMF NFDIBOJD o
#JDZDMF BTTFNCMFS o

Unit Group 8212

Electrical and Electronic Equipment Assemblers

&MFDUSJDBM BOE FMFDUSPOJD FRVJQNFOU BTTFNCMFST assemble or modify, according to procedures strictly laid down, components of electrical, electronic and electromechanical equipment

5BTLT JODMVEF

(a) assembling component parts and electrical and electronic systems and positioning, aligning and fastening units to assemblies, subassemblies or frames using hand or power tools and soldering irons

(b) reading and interpreting specifications, diagrams and drawings to determine materials required and assembly procedures

(c) recording production and operational data

(d) operating wire-coiling machines to wind coils and armatures for components such as registers, transformers, armature wires, electric motors and generators

(e) inspecting and testing completed components and assemblies, wiring installations and circuits, and rejecting faulty assembly components.

Examples of the occupations classified here:

Assembler, electrical equipment

Assembler, electronic equipment

Assembler, electromechanical equipment

Etcher (printed circuit board)

Telephone assembler

Watch assembler

Some related occupations classified elsewhere:

Electrician, industrial (8622)

Electronics mechanic and service technician (7241)

Unit Group 8219

Assemblers Not Elsewhere Classified

Assemblers not elsewhere classified assemble or modify, according to procedures strictly laid down, products that do not include electronic, electrical or mechanical components

5BTLT JODMVEF

(a) assembling component parts and positioning, aligning and fastening units to assemblies, subassemblies or frames using hand or power tools and soldering irons

(b) reading and interpreting specifications, diagrams and drawings to determine materials required and assembly procedures

(c) recording production and operational data

(d) inspecting and testing components and completed products

(e) rejecting faulty products.

Examples of the occupations classified here:

Bicycle assembler

Eyeglass frame assembler

Furniture finisher (wood)

Jewellery assembler

Knife assembler

Leather products assembler

Luggage assembler

Paperboard products assembler

Pen and pencil assembler

Plastic products assembler

Plastic toy assembler

Rubber products assembler

Umbrella assembler

Wood products assembler

Sub-ma~or Group 83

Drivers and Mobile Plant Operators

%SJWFST BOE NPCJMF QMBOU PQFSBUPST TWEFSJJDMFBTOEPSFCSEJWJSBPQTFS
BOE NPOJUPS JOEVTUSJBM BOE BHSJDVMTUVSYBFMDWLUBFDEJFODLSZEVBOJEFFRPV
board ship and other water-borne craft. Competent performance in most occupations in this
TVC NBKPS HSPVQ SFRVJSFT TLJMMT BU UIF TFDPOE *4$0 TLJMM

5BTLT QFSGPSNFE CZ XPSLFST JO UIJTEFVCESNJBWKJPSHHBSOEVQFVOEBOIM
USBJOT BOE NPUPS WFIJDMFT ESJCWMHJOHJOPQTFUSSBJUBJMOBIOEEHSNJPD
UVSBM NBDIJOFSZ BOE FRVJQNFOU DEBTSIZQJBOHEPWUIFSDXBUFSJCPTOFO
craft.

0DDVQBUJPOT JO UIJT TVC NBKPS HBRVQHBSJFODMBHTFWGE JOUP UIF

831 Locomotive Engine Drivers and Related Workers

832 Car, Van and Motorcycle Drivers

833 Heavy Truck and Bus Drivers

834 Mobile Plant Operators

835 Ships' Deck Crews and Related Workers

Minor Group 831

Locomotive Engine Drivers and Related Workers

-PDPNPUJWF FOHJOF ESJWFST BOE SFMBSJFWJXOHSLMSTDFNSWJFWPSFOH
UP USBOTQPSU QBTTFOHFST BOE GSSFJSBUMXBZFGDSIBJSHEPSBJOETEVS
SVOT DPOUSPM UIF NPWFNFOU PG SBJMXBZ ZBSET BOENNBEF BQEUSBDOTPGMPSUIBJM
NBLF VQ USBJOT JO SBJMXBZ ZBSET BOENNBEF BQEUSBDOTPGMPSUIBJM
NPWFNFOU

5BTLT QFSGPSNFE VTVBMMZ JODMVEHF SBJMWBZHPSJEFTTJTRUQESHBUC
SBJMXBZ TJHOBMT TXJUDIJOH SPMSVBJOHXBZUZPEDLEBONEBNJBCLHJOVQ
USBJOT JO NJOFT BOE DPOUSPMMJOH UIFJS NPWFNFOU

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSOEJDMBSTFVQFE JOUP UIF GPM

8311 Locomotive Engine Drivers

8312 Railway Brake, Signal and Switch Operators

Unit Group 8311

Locomotive Engine Drivers

-PDPNPUJWF FOHJOF ESJWFST BOE SJHOBMMFST TXJUDIJOH TUBGG JO
ESJWJOH MPDPNPUJWF FOHJOFT UPDPNUSBJOTQBTTFO
gers and freight.

5BTLT JODMVEF o

B ESJWJOH PS BTTJTUJOH JO ESJWJOH B TUFBN FMFD
USJD PS EJFTFM FMFDUSJDMPDPNPUJWFOHJOFT FMTFXIFSF
C ESJWJOH BO VOEFSHSPSVOE EBSJWFSMFWBUFE QBT
TFOHFS USBJO
D ESJWJOH B MPDPNPUJWF UPJBVM DBSSJBHFT VOEFS
HSPVOE PS PO UIF TVSGBDF PG B NJOF PS RVBSSZ
E XBUDIJOH GPS USBDL JBVQBSET BOE RCTFSWJOH
TJHOBMT BOE JOEJDBUPS HBVHFT
(e) operating communications systems to communicate with train crews and traffic controllers to ensure safe operation and scheduling of trains.

Examples of the occupations classified here:

.FUSPQPMJUBO SBJMXBZ ESJWFS

5SBJO ESJWFS

Some related occupations classified elsewhere:

-PDPNPUJWF &OHJOF- %SJWFST %SJ
JBVQBSET GPS QBTTFOHFS USBOTQPSUBUJPO PO m

Note

%SJWFST PG WFIJDMFT UBU PQFSBUF PO mYFE
are separated from public roadways are classi ed in Unit
incorporated in the public roadway are classi ed in Unit

(SPVQ #VT BOE 5SBN %SJWFST

Unit Group 8312
Railway Brake, Signal and Switch Operators

Railway brakers, signallers and shunters take charge of and safeguard railway freight trains EVSJOH SVOT DPOUSPM UIFSNBMMFBOE PEGJSFBUJOH BUJWJUZ IBVMBHF XBZT JO B NJOF PS RVBSSZ tra c by operating signals, switch rolling stock and make up trains in railway yards, and make up trains for hauling in mines and control their NPWFNFOU

5BTLT JODMVEF o

(a) taking charge of and safeguarding freight USBJOT EVSJOH SVOT
C DPOUSPMMJOH UIF nPX sections of line by operating signals and TXJUDIFT GSPN DPOUSPM QBOFMT PS TJHOBM CPYFT

(c) switching and coupling rolling stock in railway yards and sidings in accordance with orders about loading, unloading and make-VQ PG USBJOT
E NBLJOH VQ USBJOT GPS IBVMJOH CZ
F DIFDLJOH USBJO TZTUFNT BOE FRVJ as air-conditioning and heating systems, brakes and brake hoses prior to train run.

Examples of the occupations classi ed here:
Braker (railway)
Shunter (railway)
Signaller (railway)

Minor Group 832
Car, Van and Motorcycle Drivers

$BS WBO BOE NPUPSDZDMF ESJWFSTPESSJWF UBSJED[EDMFTNPDUBSDZDMW to transport passengers, materials or goods.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFT EN[PWPH[BE EUSJDZDMFT PS WBOT JO PSEFS UP USBOTQPSU NBUFSJBMT HPPET PS QBTT

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSFVQF JOUP UIF GPM

8321 Motorcycle Drivers

8322 Car, Taxi and Van Drivers

Unit Group 8321
Motorcycle Drivers

.PUPSDZDMF ESJWFST ESJWFS BUBEJUBFDEEWN UEFSVZDMFST PS NPUPSJ[FE USJDZDMFT F-RVB terials, goods or passengers.

5BTLT JODMVEF o
B ESJWJOH BOE UFOEJOH NPUPSJ ized tricycles to transport materials, goods BOE QBTTFOHFST
C PCTFSWJOH USB D SVMFT
D DMFBOJOH BOE XBTIJOH WFIJDMFT GPSNJOH NBJOUFOBODF BOE
E LFFQJOH B SFDPSE PG KPVSFEF
F EFMJWFSJOH NFTTBHFT

Examples of the occupations classi ed here:
%JTQBUDI SJEFS
%SJWFS NPUPSJ[FE SJDLTIB
%SJWFS NPUPSJ[FE USJDZDMF
.PUPSDZDMJTU

Some related occupations classi ed elsewhere:
%SJWFS QFEBM WFIJDMF

Unit Group 8322
Car, Taxi and Van Drivers

$BS BOE UBYJ EFWFSS BOE VEFSVZDMFST PS NPUPSJ[FE QBTTFOHFST
5BTLT JODMVEF o
B ESJWJOH BOE UFOEJOH QBTTFOH
C ESJWJOH BOE UFOEJOH DBST WE USVDLT UP EFMJWFS NBJM PS HPPET
D assisting passengers with handling of lug-HBHF BU BJSQPSUT
E TUPQQJOH QBTTFOHFST BOE DPMMFDUJOH GBSFT QBZNFOUT
F PQFSBUJOH UFMFDPNNVOJDBUJPO UP SFQPSU MPDBUJPO BOE BWBJM GPMMPXJOH EJSFDUJPOT PG DPOUSPM
G EFUFSNJOJOH NPTU BQQSPQSJBUF BX BTTJTUJOH QIZTJDBMMZ DIBMMFOHFD and unloading of physically challenged passengers.

Examples of the occupations classi ed here:
"NCVMBODF ESJWFS
$BS ESJWFS
1BSLJOH WBMFU

5BYJ ESJWFS
7BO ESJWFS

Some related occupations classi ed elsewhere:
%SJWFS NPUPSJ[FE SJDLTIBX"QJNBM ESBXO WFIJDMF ESJWFS o

#VT ESJWFS o
)FBWZ USVDL ESJWFS o
1FEBM WFIJDMF ESJWFS o
3JDLTIBX QVMMFS o

Minor Group 833
Heavy Truck and Bus Drivers

)FBWZ USVDL BOE CVT ESJWFST ESJWFS CVT EFQPU PQFSBUPST USBOTQPSU HPPET MJRVJET IFBWZ NBUFSJBMT NBJM PS QBTTFOH

5BTLT QFSGPSNFE VTVBMMZ JODMVEF MPBEJOH VOMPBEJOH DPVQMJOH BOE SPVUJOH PG USBOTQPSU NBUFSJBMT JO PSEFS UP USBOTQPSU NBJM HPPET QBTTFOHFST PS IFBWZ NB

0DDVQBUJPOT JO UIJT NJOPS HSPVQ HBSBHF JOTUBMMBUJPO QFSTPOOFM JOUP UIF GPM

8331 Bus and Tram Drivers

8332 Heavy Truck and Lorry Drivers

Unit Group 8331
Bus and Tram Drivers

#VT BOE USBN ESJWFST ESJWF tramcars to transport passengers, mail or goods.
5BLF JOEJWJEVBM o
B ESJWJOH BOE UFOEJOH B buses or motor coaches to transport local or MPOH EJTUBODF QBTTFOHFST such as a long-distance coach
C ESJWJOH BOE UFOEJOH TUSBEF QPSUJOH QBTTFOHFST
(c) opening and closing doors before or after QBTTFOHFST CPBSE PS BMJHIU
E BTTJTUJOH QBTTFOHFST XJUI DMPUIJOH
F DPOUSPMMJOH MJHIUJOH PO CVTFT BOE USBNT
G PCTFSWJOH USB D UP FOTVSF TBGF QSBDUJDFT BSF GPMMPXFE
H DPNNVOJDBUJOH GBSFT PS FWFOUT UP QBTTFOHFST BCPBSE PS IBWF UIF OFDFTTBSZ JOGPSNBUJPO

Examples of the occupations classi ed here:
#VT ESJWFS
.PUPS DPBDI ESJWFS
5SBN ESJWFS

Unit Group 8332
Heavy Truck and Lorry Drivers

)FBWZ USVDL BOE MPSSZ ESJWFST ESJWFS IFBWZ NPUPS WFIJDMFT UP USBOTQPSU BOE IFBWZ NBUFSJBMT PWFS TIPSU PS M
B ESJWJOH BOE UFOEJOH B IFBWZ NPUPS WFIJDMF XJUI PS XJUIPVU USBJMFS PS B
C EFUFSNJOJOH UIF NPTU BQQSPQSJB
(c) ensuring that goods are stowed and securely
(d) assisting with or carrying out loading and
QBJST
(f) estimating weights to comply with load limitations, and ensuring the safe distribution of weights.

Examples of the occupations classi ed here:
$PODSFUF NJYFS ESJWFS
(BSCBHF USVDL ESJWFS
)FBWZ USVDL ESJWFS
3PBE USBJO ESJWFS

Some related occupations classi ed elsewhere:
7BO ESJWFS o

Minor Group 834
Mobile Plant Operators

.PCJMF QMBOU PQFSBUPST ESJWF UFOE PQFSBUF BOE NPOJUPS TUBUJPBSZ PS NPCJMF NBDIJOFSZ PS FRVJQNFOU VTFE GPS DMFBSJOH PS QSFQBSJOH MBOE BOE TJNJMBS NBUFSJBMT BOE MJGUJOH PS NPWJOH IFBWZ PCKFDUT

5BTLT QFSGPSNFE VTVBMMZ JOEJDBUFE CZ UIF UJUMFT PG TVDI PDDVQBUJPOT JODMVEF PQFSBUJOH BOE NPOJUPSJOH MJGUJOH USVDLT BOE TUBUJPOBSZ PS NPCJMF DSBOFT JO DPOTUSVDUJPO USBOTQPSUBUJPO BOE TUPSBHF PQFSBUJPOT TJNJMBS UBTLT JO PUIFS JOEVTUSJFT BOE TFSWJDFT BOE PDDVQBUJPOT JO UIJT NJOPS HSPVQIBVE BMTP JODMVEF TVQFSWJTPST PG UIF PQFSBUPST

8341 Mobile Farm and Forestry Plant Operators
8342 Earthmoving and Related Plant Operators
8343 Crane, Hoist and Related Plant Operators
8344 Lifting Truck Operators

Unit Group 8341
Mobile Farm and Forestry Plant Operators

.PCJMF GBSN BOE GPSFTUSZ QMBOU PQFSBUPST ESJWF tend, operate and monitor one or more types of special-purpose motorized mobile machinery or FRVJQNFOU VTFE JO BHSJDVMUVSBM PQFSBUJPOT BOE forestry operations.

5BTLT JODMVEF o

B ESJWJOH BOE UFOEJOH TFMG QSPQFMMFE TQFDJBM QVSQPTF GBSN NBDIJOFSZ UP QMPVHI MBOE BOE TPX GFSUJMJ[FS JOUP TPJM BOE IBSWFTU DSPQT

C ESJWJOH BOE UFOEJOH USBDLMFT QSPQFMMFE TQFDJBM QVSQPTF GPSFTUSZ NBDIJOFSZ UP DMFBS MBOE QMBOU IBSWFTU BOE TUBOE UJNCFS PS QFSGPSN PUIFS GPSFTUSZ PQFS-BUJPOT

D QSFQBSJOH BOE QPTJUJPOJOH NBDIJOFSZ GPS PQFSBUJPO BOE USBOTQPSUBUJPO (d) adjusting speed, height and depth of imple-NFOUT

F PQFSBUJPOT QMBOU UP IPNF FRVJQNFOU TVDI BT DIJQQJOH NBDIJOFT BOE MPH (f) operating attachments to lift, swing, release TQMJUUJOH NBDIJOFT BOE TPSU USFFT BOE M-PHT PBUJOFS PNQBSUFSUJBMT BVYJM iary plant such as chipping machines and log TUPDLQJMFT BOE JOUP USVDLT BOE JOUP USVDL I TFSWJDJOH NBDIJOFSZ BOE IBOE UPPMT GPS repairs. (g) feeding felled trees into processors to strip limbs and cut into logs and loading logs onto

Examples of the occupations classi ed here:
)BSWFTUFS PQFSBUPS
Logging plant operator
5JNCFS DBSSJFS ESJWFS
5SBDUPS ESJWFS
5SFF GBMMFS PQFSBUPS

Some related occupations classi ed elsewhere:
#VMMEP[FS PQFSBUPS o

Unit Group 8342
Earthmoving and Related Plant Operators

&BSUINPWJOH BOE SFMBU-FE QMBOU PQFSBUPST ESJWF TUFFS BOE DBUFSQJMMBS WFIJDMFT UP TUSJQ PGG UPQTPJM FUD BOE DPNQBDU FBSUI PS TJNJMBS NBUFSJBMT

B PQFSBUJOH BOE NPOJUPSJOH IBOE PS SFNPUF DPOUSPM TZTUFNT PG FYDBWBUJOH MPBEJOH BOE DPOWFZJOH NBDIJOFSZ UP DMFBS PCTUSVDUJPOT GSPN USBDLT PS EBNBHFE VOEFSHSPVOE TFXFST QJQFMJOFT

(b) operating and monitoring machinery for dig-HJOH QJUT PS USFODIFT GPS TFXFST QJQFMJOFT PS DBCMFT BOE GPS MBZJOH QJQFT PS DBCMFT

(c) operating and monitoring machinery EJTUSJCVUF BOE MFWFM FBSUI PS TJNJMBS NBUFSJBMT

E PQFSBUJOH BOE NPOJUPSJOH FRVJQNFOU TFNPWF TBOE HSBWFM BOE NVE GSPN CPEZ PG XBUFS

(e) operating and monitoring machines for ham-NFSJOH XPPEFO DPODSFUF PS TUFFM QJMFT JOUP UIF HSPVOE

(f) operating and monitoring power rollers to compact and smooth layers of materials in NBLJOH SPBET BOE QBWFNFOUT BOE XPSL

(g) operating and monitoring machines which spread and smooth concrete or bituminous or tar preparations to construct roadways, roads or similar surfaces.

Examples of the occupations classi ed here:
Bulldozer operator
&YDBWBUPS PQFSBUPS
Front-end loader operator
1JMF ESJWFS PQFSBUPS
Road-roller operator
Road surface laying machine operator
Snow-groomer operator

Examples of the occupations classi ed here:
Cable car operator
Chair-lift operator
Crane operator
'VOJDVMBS ESJWFS
Hoist operator
.JOF DBHF PQFSBUPS
Ski-lift operator

Unit Group 8343
Crane, Hoist and Related Plant Operators

Crane, hoist and related plant operators monitor and operate stationary and mobile cranes and PUIFS IPJTUJOH FRVJQNFOU
5BTLT JODMVEF o
(a) operating and monitoring stationary or mobile cranes by raising and lowering jibs BOE CPPNT UP MJGU NPWF MPBE BOE VOMPBE GSPN WFIJDMFT PS TIJQT
(b) operating and monitoring lifting equipment for raising, lowering or moving workers and FRVJQNFOU BOE NBUFSJBMT PO DPOTUSVDUJPO TJUFT PS CFUXFFO TIJQT BOE RVBZT
C PQFSBUJOH BOE NPOJUPSJOH DSBOFT NPVOUFE PO WFIJDMFT PS GJYFE TUSVDUVSFT JO QPSUT BOE TIJQZBSET
hoisting, lowering or raising workers and C QPTJUJPOJOH MJGUJOH EFWJDFT
NBUFSJBMT PO DPOTUSVDUJPO BOE NBJOUFOBODF TJUFT PS JO XBSFIPVTFT GBDUPSJFT BOE TJNJMBS QMBDFT
(c) operating and monitoring ski-lifts and TJNJMBS FRVJQNFOU
(d) operating and monitoring machinery used to haul ferries or barges with goods, passengers BOE WFIJDMFT BDSPTT TIPSU TUSFUDIFT PG XBUFS
(e) operating and monitoring machinery to open and close bridges for the passage of road and XBUFS USB D
G PQFSBUJOH BOE NPOJUPSJOH DSBOFT NPVOUFE PO WFIJDMFT PS GJYFE TUSVDUVSFT JO QPSUT BOE TIJQZBSET with dredging attachments to dredge water-XBZT BOE PUIFS BSFBT
(g) operating cranes mounted on boats or barges UP MJGU NPWF BOE QMBDF FRVJQNFOU BOE NBterials.

Unit Group 8344
Lifting Truck Operators

-JGUJOH USVDL PQFSBUPST ESJWF NPOJUPS MJGUJOH USVDLT PS TJNJMBS FRVJQNFOU UP MPBE BOE VOtransport, lift and stack pallets with goods.
5BTLT JODMVEF o
(a) operating and monitoring lifting truck and TJNJMBS FRVJQNFOU UP MPBE BOE VOport, lift and stack goods and pallets in warehouses, ter-minals, harbours, warehouses, factories and PUIFS TFUUJOHT
(b) operating and monitoring mobile lifting equipment for raising, lowering or moving workers and C QPTJUJPOJOH MJGUJOH EFWJDFT
(c) operating and monitoring machinery used to securing material or products for transport UP EFTJHOBUFE BSFBT
D JOTQFDUJOH FRVJQNFOU UP JEEBNBHF
(d) keeping records of work undertaken and CSFBLEPXOT PG WFIJDMFT
Example of the occupations classi ed here:
'PSLMJGU USVDL ESJWFS

Minor Group 835
Ships' Deck Crews and Related Workers

Ships deck crews and related workers carry out deck duties on board ships and similar duties on board other water-borne craft.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFF BTUBBCOEE JXOHF OMFFPLUFFVSUJOXBUD
MFBWJOH IBSCPVS PS PUIFS OBSSPXHXBUFSTOTUSVFFTJOEETTIJQTOEMDJ
SPQFT BOE XJSFT BOE PQFSBUJOH NPPFSJJOHTHFRVFJQNFOU NQFSOBUJO
TIJQT FRVJQNFOU DBSHP HFBS SJHUHJOHBBQQEMMJEDFBWJQOHSBPSENJ
EFDL BOE IVMM DMFBOJOH TDSBQJOHEQVBUJOTJBOTBSFVSFSNSFFUJF
out, rigging and stowing cargo-handling gear, stationary rigging and running gear.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBWEJDMBSFVQE JOUP UIF GPM
8350 Ships' Deck Crews and Related Workers

Unit Group 8350

Ships' Deck Crews and Related Workers

Ships deck crews and related workers carry out deck duties on board ships and similar duties on board other water-borne craft.

5BTLT JODMVEF o

(a) standing look-out watches at sea and when FOUFSJOH PS MFBWJOH IBSCPVS XBUFST

C TUFFSJOH TIJQT BDDPSEJOH

(c) handling ropes and wires, and operating NPPSJOH FRVJQNFOU

(d) maintaining and, in some cases, operating TIJQT FRVJQNFOU DBSHP HFBS SJHHJOH BOE MJGFTBWJOH BOE mSFmHIUJOH BQQMJBODFT

(e) performing deck and hull cleaning, scraping, painting and other maintenance duties as re- RVJSFE

(f) breaking out, rigging and stowing cargo-handling gear, stationary rigging and running gear.

Examples of the occupations classi ed here:

Boatswain PUIFS OBSSPX

Ferry hand

Sailor P JOTUSVDUJPOT 5VH IBOE

Ma~or Group 9

ELEMENTARY OCCUPATIONS

&MFNFOUBSZ PDDVQBUJPOT JOWPMWUFJOUFFUQTFLSTGXPISJNBOBZF SPFG T
RVJSF UIF VTF PG IBOE IFME UPPMT UBO.EPTDUPOPTDJDEVFQSBBCJMPFOQIZOTJUDBJM
NBKPS HSPVQ SFRVJSF TLJMMT BU UIF mSTU *4$0 TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFST JO FDMMFVEFFO UDBMSFZBOPJDOHV QSBFUJUPPODTL JV
supplies and performing basic maintenance in apartments, houses, kitchens, hotels, o ces
BOE PUIFS CVJMEJOHT XBTIJOH DBSTFOBTOEBXJEOEFFXSTG PISMQOOHHTJJON Q
UBTLT JO GPPE QSFQBSBUJPO EFMJOWHFSMJVOHHHNBFHTFTBKOFETIPSSDEHMPPETH C
HBHF BOE GSFJHIU TUPDLJOH WFZJECJHONFNUBSSTJOPPTMMPFSDUSJFOBH
BOE TPSUJOH SFGVTF TXFFQJOHNJCOSFWBSSJBOVE TJNQMMFSGQBNN
mTIJOH IVOUJOH PS USBQQJOH UBTLDUFQEFSXGHSNJJOHOTHJNQMGTUBSTVL
UJPO BOE NBOVGBDUVSJOH JODMVEJOEBQSEPEWMDQUSPEYDFCHZ IQBBDEL J
BOE mMMJOH TIFMWFT QSPWJEJOHHWPBSSJBOVE FHUSEFOHTAWSFWJJDMFFTT C
USBOTQPSU QBTTFOHFST BOE HPPETS NBDWJJOOHSZBO4WQBMSEWSJBXIPOWF
other workers may be included.

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTVFCDMMBKTPTJmHSEPVQTUP UIF GPM

- **91 Cleaners and Helpers**
- **92 Agricultural, Forestry and Fishery Labourers**
- **93 Labourers in Mining, Construction, Manufacturing and Transport**
- **94 Food Preparation Assistants**
- **95 Street and Related Sales and Services Workers**
- **96 Refuse Workers and Other Elementary Workers**

Sub-ma~or Group 91

Cleaners and Helpers

$MFBOFST BOE IFMQFST QFSGPSN TWFFBSUPMT UPBDIFFT JFDTQSUJBWMBTU
BOE PUIFS FTUBCMJTINFOUT BT XFMM BTSFBOOTBJSSDESETGOJMSSFSJOVTFJ
JO PSEFS UP LFFQ UIF JOUFSJPSTOFOEDSmFTUVHSFSTNEOUFBCOEEOEFMF
CZ IBOE .PTU PDDVQBUJPOT JO UIJTTTBVC NBKPmSSHFSP*VQSOFRVMSF MTE

5BTLT QFSGPSNFE CZ XPSLFST JO UIJVTFVCTXFBHQPJSOHSPSVQVBDTVBM M
DMFBOJOH XBTIJOH BOE QPMJTIJOH DuPTUBGJVCSHOJDUBVSSFPBGOMJPUFOSB
CFENBLJOH IFMQJOH XJUI QSFQBSBUJPDOTG NXFBTMJTOHOEEMDFMBEHOJ
DBST BOE XJOEPXT QSFTTJOH PS MZBVBDEEFSJOH HBSNFOUT BOE

0DDVQBUJPOT JO UIJT TVC NBKPS HBXVQHBSJFODPMBHTFVmE JOUP UIF

911 Domestic, Hotel and Office Cleaners and Helpers

912 Vehicle, Window, Laundry and Other Hand Cleaning Workers

Minor Group 911

Domestic, Hotel and Office Cleaners and Helpers

%PNFTUJD IPUFM BOE P DF DMFBOFSTBOBXBTFIMQQFSMTJTTXFUQLFWDBBSVF
PG IPVTFIPME MJOFO BOE QVSDIBTF IPWTBFSFMMZTTVQBQTMJFJO BPSEEQS
LFFQ DMFBO BOE UJEZ UIF JOUFSJPSBTOEBOEIFmSYUFVTSJBTCMGTINUFDMT B
XFMM BT PG BJSDSBGU USBJOT CVTFT BOE TJNJMBS WFIJDMFT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFBTTXJOHQBOE PQSMWJBTDJVOHN mDMPFSBTO
GVSOJUVSF BOE PUIFS PCKFDUT INGOIUPTUFNVBTL JOPHDCFFTEBOTEVQUI
QMZJOH UPXFMT TPBQ BOE SFMBUPEG NUFBMT BIGEMQXJBTHJOXHUEIJTQISFF
cleaning, disinfecting and deodorizing kitchens, bathrooms and toilets.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSVOEJDMHBSTFVmE JOUP UIF GPM

9111 Domestic Cleaners and Helpers

9112 Cleaners and Helpers in Offices, Hotels and Other Establishments

Unit Group 9111

Domestic Cleaners and Helpers

%PNFTUJD DMFBOFST BOE IFMQFSTPSPTNFTTUFJDQIFWMBQDFSVN
clean, wash and polish, take care of household
linen, purchase household supplies, prepare
GPPE TFSWF NFBMT BOE Q-FSGPSP%PWBFSTJUPJVDT IPUMTFSLEEFQFS o
mestic duties.
5BTLT JODMVEF o
)PUFM DMFBOFS o
B TXFFQJOH WBDVVN DMFBOJOHUHSFQFFUMJTXIFJFOQHFSBCoE
)BOE MBVOEFSFS o
washing floors and furniture, or washing
XJOEPXT BOE PUIFS mYUVSFT
(b) washing, ironing and mending linen and
PUIFS UFYUJMFT
D XBTIJOH EJTIFT
(d) helping with preparation, cooking and
TFSWJOH PG NFBMT BOE SFGSFTINFOUT
F QVSDIBTJOH GPPE -B OCEanWrSBSdJhPlVeTinPUes,hSelsIandVotheF
IPME TVQQMJFT
FTUBCMJTINFOUT QFSGPSN WBSJPVT DMF
(f) cleaning, disinfecting and deodorizing
LJUDIFOT CBUISPPNT BOE
PSEFS UP LFFQ DMFBO BOE-UJEZ UIF JOU
uresJofhoteIST,o ces and other establishments, as
(g) cleaning windows and other glass surfaces.
XFMM BT PG BJSDSBGU USBJOT CVTFT BOE T

Examples of the occupations classi ed here:
Charworker (domestic)
%PNFTUJD DMFBOFS

Some related occupations classi ed elsewhere:

Unit Group 9112

Cleaners and Helpers in Offices, Hotels and Other Establishments

5BTLT JODMVEF o
B TXFFQJOH WBDVVN DMFBOJOH WBUFSTZTJBDUHUUBOEEBOU QPMJTIJOH nPPST GVSOJUVSF DMFBOJOH PUIFS mYUVSFT in buildings, coaches, buses, trams, trains BOE BJSDSBGU
(b) making beds, cleaning bathrooms and supQMZJOH UPXFMT TPBQ BOE SFNPWBM
(c) cleaning kitchens and generally helping with LJUDIFO XPSL JODMVEJOH EJTIXBTIJOH
(d) picking up rubbish, emptying garbage containers and taking contents to waste areas for SFNPWBM

Examples of the occupations classi ed here:
"JSDSBGU DMFBOFS
Hotel cleaner

Some related occupations classi ed elsewhere:
%PNFTUJD IPVTFLFFQFS o
%PNFTUJD DMFBOFS o
,JUDIFO IFMQFS o
4USFFU TXFFQFS o

Note
Workers who perform cleaning and helping tasks only in kitchens and other food preparation areas are classi ed JO 6OJU (SPVQ ,JUDIFO)FMQFST

Minor Group 912
Vehicle, Window, Laundry and Other Hand Cleaning Workers

Vehicle, window, laundry and other hand cleaning workers clean windows, showcases or other TVSGBDFT PG CVJMEJOHT PS WFIJDMFT MBJOEFSJOH PSEJOBSZ IPVTFIPME BSUJDMFT TVDI BT DMPUIJOH XBMM IBOHJOHT DBSQFUT VQIPMTUFSZ PS MJOFO
5BTLT QFSGPSNFE VTVBMMZ JODMVEF EBZUJNF XBTIJOH PG XJOEPXT CPPLDBTFT BOE TJNJMBS BSUJDMFT CZ IBOE PS JO B MBVOESZ PS JO B DMFBOJOH PS EZFJOH FTUBCMJTINFOU XJUI XBUFS HPPET PS PUIFS TVCTUBODFT BOE VTJOH BQQSPQSJBUF NBDIJOFT BOE TVQQMJFT
dering and pressing linen, clothing, fabrics and similar articles by hand in a laundry or in PUIFS FTUBCMJTINFOUT DMFBOJOH PG UFYUJMF QSPEVDUT MFBUIFS HPPET BOE TJNJMBS BSUJDMFT JO ESZDMFBOJOH FTUBCMJTINFOUT
goods and similar articles in dry-cleaning or other establishments.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSFUUFST BOE JDJMMBSTFSWJDF QFSTPOOFM JOUP UIF GPM

9121 Hand Launderers and Pressers
9122 Vehicle Cleaners
9123 Window Cleaners
9129 Other Cleaning Workers

Unit Group 9121
Hand Launderers and Pressers

Hand launderers and pressers launder, press or ESZ DMFBO HBSNFOUT MJOFO BOE PUIFS UFYUJMF QSPEVDUT CZ IBOE PS JO B MBVOESZ
5BTLT JODMVEF o
(a) laundering and pressing linen, clothing, fabrics and similar articles by hand in a laundry PS PUIFS FTUBCMJTINFOU
(b) cleaning, by hand and with chemical solutions, clothing, fabrics, leather goods and similar articles, in a dry-cleaning or other FTUBCMJTINFOU
D SFQMBDJOH CVUUPOT BOE SJQQMJOH PG HBSNFOUT
E QMBDJOH BSUJDMFT PG UFYUJMF GBCSJD MFBUIFS PS TJNJMBS BSUJDMFT GPS EFMJWFSZ BOE GJUUJOH

Examples of the occupations classi ed here:
%SZ DMFBOFS IBOE
Hand launderer
Hand presser
Ironer

Some related occupations classi ed elsewhere:
%SZ DMFBOJOH NBDIJOF PQFSBUPS
-BVOESZ NBDIJOF PQFSBUPS o
1SFTTJOH NBDIJOF PQFSBUPS MBVOE

Unit Group 9122
Vehicle Cleaners

7FIJDMF DMFBOFST XBTI DMFBO BOE QPMJTI DBST BOE PUIFS WFIJDMFT
(a) washing and polishing cars and PUIFS WFIJDMFT CZ IBOE PS VTJOH QPXFS UPPMT
C WBDVVNJOH WFIJDMF JOUFSJPST BOE DBSQFUT BOE VQIPMTUFSZ

D BQQMZJOH DMFBOJOH UFDIOJRVFT UP SFNPWF TUBJOT GSPN WFIJDMF FYUFSJPST BOE JOUFSJPST

(d) washing tyres and wheel arches and blacking, waxing and polishing vehicles.

Examples of the occupations classified here:
Car detailer
Vehicle washer (hand)

Unit Group 9123
Window Cleaners

Window cleaners wash and polish windows and other glass fittings.

5BTLT JODMVEF o

(a) washing windows or other glass surfaces with water or water solutions and polishing them
(b) using ladders, swinging scaffolds, bosun's chairs, hydraulic bucket trucks and other manual or mechanical access equipment
(c) selecting appropriate cleaning or polishing implements.

Example of the occupations classified here:
Window cleaner

Unit Group 9129
Other Cleaning Workers

5IJT VOJU HSPVQ JODMVEFT DMFBOJOH XBTIJOH EFTDBMJOH BOE PUIFS TQFDJBMJTFE DMFBOJOH PG TVSGBDFT NBUFSJBMT BOE PCKFDUT TVDI BT DBSQFUT XBMMT TXJNNJOH QPPMT BOE DPPMJOH UPXFST VTJOH TQFDJBMJ[FE DMFBOJOH DIFNJDBMT

*O TVDI JOTUBODFT UBTLT XPVME JODMVEF

(a) cleaning carpets and upholstered furniture using cleaning machines and their attachments
(b) selecting and applying cleaning agents to remove stains from carpets
(c) treating carpets with soil-repellent chemicals
BOE EFPEPSBOUT BOE USFBUJOH GPS
(d) cleaning stone walls, metal surfaces and fascias using high-pressure water cleaners and
TPMWFOUT
(e) applying chemicals and high-pressure water jets to remove algae deposits from swimming pools, cooling tower components and drains.

Examples of the occupations classified here:
Carpet cleaner
Cooling tower cleaner
(SB UJ DMFBOFS
Swimming pool cleaner
Water blaster

Sub-ma~or Group 92

Agricultural, Forestry and Fishery Labourers

"HSJDVMUVSBM GPSFTUSZ BOE mTIFSJFT 2VBMJGJDBUJPOT TUBOEBSET BSF UIPTF
UJPO PG DSPQT BOE MJWFTUPDL DVMUJWBUJOH PG BOJNBMT BOE UIF
BOE DPOTFSWBUJPO PG GPSFTUT FBSOJOH TDIPMBSTIJQ BOE
DVQBUJPOT JO UIJT TVC NBKPS HSPVQ JT MFNWJUSFE XJUI mST

5BTLT QFSGPSNFE CZ XPSLFST JO VUEIFJTEJNBEJOBK PSSBLHJOPIVBOE
TIPWFMMJOH VTJOH IBOE UPPMT MPCBDEMJOHT VQSMPEBVEJOHBOEOPEUTUSBDLE
UFSJBMT XBUFSJOH UIJOOJOH XFFETJOH BOE DVMUJWBUJOH
IBSWFTUJOH QJDLJOH BOE DPMMFDUJOH PS TIJQCVJMEJOH OBWJHBUJOH
BOE LFFQJOH UIFJS RVBSUFST DMFBOJOH UPPMT BOE
QBSJOH BOE PQFSBUJOH OFUT MJOFDTLBFOREVJQNFOU mTHUSDBHEJOHBL MFSBUJOE
CVODIJOH BOE QBDLJOH QSPEVDF JOUP SFDQBDJUBUJOH JPDF SmTY QVSTSIGTPSNJOM
JOHT FRVJQNFOU WFTTFMT BOE GFODFT

0DDVQBUJPOT JO UIJT TVC NBKPS HSBRVQHBOJOFDPNBHTFEJOUP UIF

921 Agricultural, Forestry and Fishery Labourers

Minor Group 921

Agricultural, Forestry and Fishery Labourers

"HSJDVMUVSBM GPSFTUSZ BOE mTIFSJFT 2VBMJGJDBUJPOT TUBOEBSET BSF UIPTF
UJPO PG DSPQT BOE MJWFTUPDL DVMUJWBUJOH PG BOJNBMT BOE UIF
BOE DPOTFSWBUJPO PG GPSFTUT FBSOJOH TDIPMBSTIJQ BOE

5BTLT QFSGPSNFE VTVBMMZ JOEMVEF VEJHOHJOBHOESBULPEM TBOEPTBEW
VOMPBEJOH BOE TUBDLJOH TVQQMZJOHUFSJQCSHPEVDJOHBJDEHPUXFFETJNOE
BOE UFOEJOH DSPQT CZ IBOE PS VTJOHOHBOQEJDJDPMHT BQMBDDPUMJOHFDUI
QSPEVDF CZ IBOE GFFEJOH XBUFSJOQHJSBEEUDFMJTBRVBSUFSJTNBMFBE
NPOJUPSJOH MJWFTUPDL BOE SFQHPSBUJOEORHPSBUJOHSOEUPEMJUJO
BOE PUIFS mTIJOH UBDLMF BOE EFDLVFORJQNFBDJE HQSBEEJOH QTSPSU
EVDF JOUP DPOUBJOFST QFSGPSNJOHT NFRVPJSQNFQUBJWFTTFMñ
and fences.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMHBSTFVQFE JOUP UIF GPM

9211 Crop Farm Labourers

9212 Livestock Farm Labourers

9213 Mixed Crop and Livestock Farm Labourers

9214 Garden and Horticultural Labourers

9215 Forestry Labourers

9216 Fishery and Aquaculture Labourers

Note

Workers in subsistence agriculture who perform a limited range of simple and routine tasks, usually
VOEFS UIF EJSFDUJPO PG PUIFST JBUSHFSDPWRTJTmFEPJSO(SPVQFMFWHESJDVVMUVSBM
Forestry and Fishery Labourers. Workers in an agricultural setting whose main tasks are fetching water
BOE HBUIFSJOH mSFXPPE BSF DMBTTJmEE'JSDFXPPUE(SPVQFDUPSBTUFS B

Unit Group 9211

Crop Farm Labourers

Crop farm labourers perform simple and routine tasks on farms in the production of crops such as GSVJU OVUT HSBJOT BOE WFHFUBCMFT 5BTLT JODMVEF o B EJHHJOH BOE TIPWFMMJOH UP DMFBS EJUDIFT PS GPS PUIFS QVSQPTFT
(b) loading and unloading supplies, produce and PUIFS NBUFSJBMT
(c) raking, pitching and stacking straw, hay and TJNJMBS NBUFSJBMT
(d) watering, thinning and weeding crops by IBOE PS VTJOH IBOE UPPMT F QJDLJOH GSVJU OVUT WFHFUBCMFT DSPQT BOE DPMMFDUJOH FHHT G QMBOUJOH BOE IBSWFTUJOH mFME DSPQT oTVDI BT SJDF CZ IBOE
(g) grading, sorting, bunching and packing pro- EVDF JOUP DPOUBJOFST I QFSGPSNJOH NJOPS SFQBJST PO JOHT FRVJQNFOU BOE GFODFT

Examples of the occupations classi ed here:
Cane planter
Fruit picker
Rice farm labourer
Vegetable picker

Some related occupations classi ed elsewhere:
4LJMMFE GBSN XPSLFS mFME DSPQ XPSLFS
$PNCJOFE DSPQ BOE MJWFTUPDL GBSNFS
'JSFXPPE DPMMFDUPS o
8BUFS DPMMFDUPS o

Unit Group 9212

Livestock Farm Labourers

-JWFTUPDL GBSN MBCPVSFST QFSGPSN TJNQMF BOE SPVUJOF UBTLT JO UIF GBSN QSPEVDUJPO PG BOJNBMT JODMVEJOH QPVMUSZ BOE JOTFDUT 5BTLT JODMVEF o B EJHHJOH BOE TIPWFMMJOH QUPS UBLJOH MJWFTUPDL GPS NJMLJOH PUIFS QVSQPTFT
(b) loading and unloading supplies, produce and PUIFS NBUFSJBMT
(c) feeding, watering and cleaning animals and LFFQJOH UIFJS RVBSUFST DMFBO E NPOJUPSJOH MJWFTUPDL IFBMUI DPOEJUJPO
(e) assisting with maintaining the health and XFMGBSF PG MJWFTUPDL G BTTJTUJOH XJUI IFSEJOH FEFS SBUJOH MJWFTUPDL GPS NJMLJOH QPSUBUJPO PS TMBVHIUFS BOE 8BUFSXPSLFS DPMMFDUPS o

H DPMMFDUJOH FHHT BOE QMBDJOH JO
(h) raking, pitching, stacking and storing hay, straw BOE PUIFS UZQFT PG BOJNBM GFFE BOE
(i) grading, sorting and packing produce into DPOUBJOFST
(j) grading, sorting, bunching and packing pro- EVDF JOUP DPOUBJOFST L QFSGPSNJOH NJOPS SFQBJST PO JOHT FRVJQNFOU BOE GFODFT

Example of the occupations classi ed here:
-JWFTUPDL GBSN MBCPVSFS

Some related occupations classi ed elsewhere:
%SPWFS o
4IFQIFSE o
4LJMMFE GBSN XPSLFS MJWFTUPDL
'JTIFSNBO DSFX PO GJTIJOH WFTTFM o
TVDI BT

Unit Group 9213

Mixed Crop and Livestock Farm Labourers

.JYFE DSPQ BOE MJWFTUPDL GBSN form simple and routine tasks in farm production of both crops and animals.
5BTLT JODMVEF o B EJHHJOH BOE TIPWFMMJOH UP DMF PUIFS QVSQPTFT
(b) loading and unloading supplies, produce and TJNJMBS NBUFSJBMT
(d) watering, thinning and weeding crops by IBOE PS VTJOH IBOE UPPMT F QJDLJOH GSVJU OVUT WFHFUBC DSPQT BOE DPMMFDUJOH FHHT G QMBOUJOH BOE IBSWFTUJOH mF SJDF CZ IBOE
(g) feeding, watering and cleaning animals and LFFQJOH UIFJS RVBSUFST DMFBO DPOEJUJPO J BTTJTUJOH XJUI IFSEJOH ES SBUJOH MJWFTUPDL GP-S NJMLJOH CFUXF
(j) grading, sorting, bunching and packing pro- EVDF JOUP DPOUBJOFST L QFSGPSNJOH NJOPS S-FQBJST PO m JOHT FRVJQNFOU BOE GFODFT

Example of the occupations classi ed here:
Farm labourer

Some related occupations classi ed elsewhere:
4LJMMFE GBSN XPSLFS NJYFE GBSN

Unit Group 9214

Garden and Horticultural Labourers

(B S E E F O B O E I P S U J D V M U V S B M simple and routine tasks in operations to cultiWBUF BOE NBJOUBJO USFFT TISVCT GMPXFST TUBLFT PUIFS CSBODIFT JOUP QMBOUT JO QBSLT BOE QSJWBUF HBSEFOT JOTUBMMBUJPO QSFQBSBUJPO BOE nPXFST CZ JOUFOTJWF DVMUJWBUJPO 5BTLT JODMVEF o

B MPBEJOH VOMPBEJOH BOE NPWJOH TVQQMJFT QSPEVDF BOE FRVJQNFOU

(b) preparing garden sites and plots using hand UPPMT BOE TJNQMF NBDIJOFT

(c) assisting with planting and transplanting nPXFST TISVCT USFFT BOE MBXOT

(d) maintaining gardens by watering, weeding BOE NPXJOH MBXOT

F DMFBOJOH HBSEFOT BOE SFNPWJOH SVCCJTI

(f) assisting with propagating, planting and potUJOH TFFET CVMCT BOE DVUUJOHT

H UFOEJOH QMBOUT CZ IBOE

I IBSWFTUJOH BOE QBDLBHJOH

J QFSGPSNJOH NJOPS SFQBJST BOE SPVUJOF DMFBOJOH JOTUBMMBUJPO FRVJQNFOU BOE GFODFT

Examples of the occupations classi ed here:

(BSEFO MBCPVSFS
Horticultural labourer
Lawn mower
Nursery labourer

Some related occupations classi ed elsewhere:

)PSUJDVMUVSJTU o
-BOETDBQF HBSEFOFS o
.BSLFU HBSEFOFS o
$SPQ GBSN MBCPVSFS o

Unit Group 9215

Forestry Labourers

Forestry labourers perform simple and routine UBTLT UP DVMUJWBUF BOE NBJOUBJO OBUVSBM BOE QMBOtation forests, and log, fell and saw trees.

5BTLT JODMVEF o

B EJHHJOH IPMFT GPS USFFT QMBOUJOH mTIFSZ TLJQQFS o

C TUBDLJOH BOE MPBEJOH MPHT PO UJNCFS UPXFST XBUFST o

(c) clearing undergrowth in forest stands and UIJOOJOH ZPVOH QMBOUBUJPOT

E NBJOUBJOJOH MPPL PVU GPS mSFT

F SFNPWJOH NBKPS CSBODIFT BOE USFNJOH TNBMMFS CSBODIFT BOE TBXJOH USVOLT

(f) operating and maintaining manual and hand-held machine saws to fell trees and cut

(h) performing horticultural maintenance of lowland parks, buildings, facilities and FRVJQNFOU

Examples of the occupations classi ed here:

"YFNBO XPNBO
Forestry labourer
5SFF QMBOUFS

Some related occupations classi ed elsewhere:

'PSFTUSZ XPSLFS TLJMMFE o

Unit Group 9216

Fishery and Aquaculture Labourers

5BTLT JODMVEF o

(a) cleaning the sea-bed and feeding fish and NPMMVTDT UIBU BSF CFJOH DVMUJWBU

(b) gathering seaweed, sea mosses, clams and PUIFS NPMMVTDT

(c) preparing nets, lines and other shing tackle BOE PUIFS EFDL FRVJQNFOU

(d) operating shing gear to catch sh and other NBSJOF MJGF

(e) cleaning, sorting and packing sh and seafood JO JDF BOE TBMU BOE TUPXJOH DBU

G DMFBOJOH EFDL TVSGBDFT BOE m

(g) handling mooring lines during docking.

Examples of the occupations classi ed here:

"RVBDVMUVSF MBCPVSFS
Fishery labourer

Some related occupations classi ed elsewhere:

'JTI GBSNFS o
'JTI QSPDFTTPS o
'JTIFS JOMBOE XBUFSTT o
%FQ TFB mTIFS o

Sub-ma~or Group 93

Labourers in Mining, Construction, Manufacturing and Transport

Labourers in mining, construction, manufacturing and transport perform simple and routine
NBOVBM UBTLT JO NJOJOH RVBSSZJOH MBCPVSFSTVQFSWJTFJOHHJOUFSFBSOJTOHP SCUV
TUPSBHF PQFSBUJPOT BOE PQFSBUF IWWIBIQJDQMPFXTFSBFEEBONEBDBIQJJONFBSMZE
.PTU PDDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSSJFODPVSBHFTFEJOUP UIF

5BTLT QFSGPSNFE CZ XPSLFST JOVEFJTEJNEBHKPFSMHFTSPBVQQ
TQSFBEJOH FYDBWBUFE NBUFSJBMT IFBMEUPTPMJTBOESUHJSDBWFMMPBVETJJ
VOMPBEJOH NPWJOH TUBDLJOH BOESPTEUVPSUTOHTWQBQMSFBMCHFBEH
BOE DBSHP CZ IBOE DMFBOJOH NBDIJOFSZUFRVQNFOUBNDLJOUHUBPMEVETVBO
QBDLJOH NBUFSJBM BOE QSPEVDUT BOXEUmMQVSJOEHVDUTCZJOBFSE BO
PQFSBUJOH IVNBO QPXFSFE BOE BOJNBM ESBXO WFIJDMFT BOE

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSSJFODPVSBHFTFEJOUP UIF

931 Mining and Construction Labourers

932 Manufacturing Labourers

933 Transport and Storage Labourers

Minor Group 931

Mining and Construction Labourers

.JOJOH BOE DPOTUSVDUJPO MBCPVSFSTVQFSWJTFJOHBOESPWJEJOH SZJOH DJWJM FOHJOFFSJOH BOE CVJMEJOH PQFSBUJPOT

5BTLT QFSGPSNFE VTVBMMZ JODMVEFSFHVMBSJTFHJOVHTBOEInBMOMJGFMEPM
UPPMT TIPWFMMJOH BOE TQSFBEJOHE IFYDBWBWFBMUFTEPSNUBJUGFSJBMMPE
VOMPBEJOH TUBDLJOH BOE TUPSJOHBOUPPMSBOTQUPSSUJBOHTUBHEBEBSEVQ
XPSL TJUFT DMFBOJOH NBDIJOFSZBEREVSJQNFWOJOHPCMTUSBVCDEUXPC

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSJFODPVSBHFTFEJOUP UIF GPM

9311 Mining and Quarrying Labourers

9312 Civil Engineering Labourers

9313 Building Construction Labourers

Unit Group 9311

Mining and Quarrying Labourers

G DMFBOJOH NBDIJOFSZ - FRVJQNFOU XBZT BOE IBVMBHF USBDLT

(g) sorting, loading, unloading, stacking and
.JOJOH BOE RVBSSZJOH MBCPVSFSTortingQoFSGoPaSMaSaDVuppDES used by
UBTLT JO NJOJOH BOE RVBSSZJOHtheHmiPeQwFrSeBsUJPOT
5BTLT JODMVEF o
B BTTJTUJOH NJOFST BOE RVExamplesfortheJOccupationsclassi edHere:
NBDIJOFSZ FRVJQNFOU BOE NJJOFJGHEMBCBSSZ
JOTUBMMBUJPOT Quarry labourer
C BTTFNCMJOH BOE EJTNBOUMJOH NJOJOH FRVJQ
NFOU Some related occupations classi ed elsewhere:
D SFNPWJOH UVOOFM TWSQJOMFSSUNJGJSPHNo EJTVTFE
XPSLJOHTJO NJOFT BOE RVBSSJFS o
E SFNPWJOH EBOHFSPVT QSPJKCFJDUHJPOBCGUSPNFSBOPS o
BOE RVBSSZ XPSLJOHT 2VBSSJFS o
F SFNPWJOH XBTUF BOE TFSWJDFMFMFNFOUBSZNBUFSJBMT XFMM o
BOE FRVJQNFOU GSPN XPSL BSSFBMTBGHUFQMBOU PQFSBUPS o
USBDUJPO BDUJWJUJFT IBWF CFFO DPNQMFUFE BOE
DMFBSJOH SPDL BOE NJOFSBM TQJMMT

Unit Group 9312
Civil Engineering Labourers

$JWJM FOHJOFFSJOH MBCPVSFST QFSGPSN HFOFSBM MBCPVSJOH UBTLT JO DPOOFDUJPO XJUI UIF CVJMEJOH BOE NBJOUFOBODF PG SPBET SBJMXBZT BOE FOHJOFFSJOH QSPKFDUT

5BTLT JODMVEF o

(a) digging and lling holes and trenches using IBOE IFME UPPMT
C TIPWFMMJOH BOE TQSFBEJOH CBMMBTU BOE PUIFS NBUFSJBMT
(c) trimming and cutting rocks and concrete and CJUVNFO TVSGBDFT VTJOH IFBDLJTBFNBEFJSTH TBOE TPJM HSBWFM BO
(d) loading and unloading construction ma- UFSJBMT FYDBWBUFE NBUFSJBM BOE FRVJQNF and transporting them around construction TJUFT VTJOH XIFFMCBSSPXT BOE TJNJMBS FRVJQNF F DMFBOJOH XPSL TJUFT BOE SFNPWJOH tions.

Examples of the occupations classi ed here:
$PTUSVDUJPO MBCPVSFS
&BSUINPWJOH MBCPVSFS
.BJOUFOBODF MBCPVSFS

Unit Group 9313
Building Construction Labourers

Building construction labourers perform routine tasks in connection with building construction and demolition work

5BTLT JODMVEF o

(a) cleaning used building bricks and doing PUIFS TJNQMF XPSL PO EFNPMJUJPO T
C NJYJOH QPVSJOH BOE TQSFBEJOH
(c) digging and lling holes and trenches using IBOE IFME UPPMT
(d) loading and unloading construction ma- UFSJBMT
(e) loading and unloading construction materials, FYDBWBUFE NBUFSJBM BOE FRVJQNF
porting them around construction sites using G DMFBOJOH XPSL TJUFT BOE SFNPWJOH

Examples of the occupations classi ed here:
Bricklayer's assistant
Construction labourer (building work)
EBN%FNPMJUJPO MBCPVSFS
Hod carrier

Some related occupations classi ed elsewhere:
)PVTF CVJMEFS o
#SJDLMBZFS o
#VJMEJOH XSFDLFS o

Minor Group 932
Manufacturing Labourers

.BOVGBDUVSJOH MBCPVSFST QFSGPSN NBOVBM UBTLT JO DPOOFDUJPO XJUI UIF NBOVGBDUVSJOH PG HPPET turing to assist the work of machine operators and assemblers.

5BTLT QFSGPSNFE VTVBMMZ JO DPOKVODUJPO XJUI PQFSBUPST PG NBDIJOFT UPPMT DPNQVUFS DPOUSPMMFE FRVJQNFOU BOE PUIFS NBOVGBDUVSJOH FRVJQNFOU CZ IBOE MPBEJOH BOE VOMPBEJOH NBDIJOFT BOE FRVJQNFOU BTTFNCMJOH QSPEVDUT PS QBDLBHJOH NBOVGBDUVSFE HPPET

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JODMVEF UIF GPM

9321 Hand Packers

9329 Manufacturing Labourers Not Elsewhere Classified

Unit Group 9321
Hand Packers

Hand packers weigh, pack and label materials and products by hand.

5BTLT JODMVEF o

(a) weighing, wrapping, sealing and packing ma- UFSJBMT BOE WBSJPVT QSPEVDUT CZ IBOE

C mMMJOH CPUUMFT DBOT CPYFT C DPOUBJOFST XJUI QSPEVDUT CZ IBOE
D MBCFMMJOH QSPEVDUT QBDLBHFT containers by hand.

Examples of the occupations classi ed here:
Labeller (hand)
Packer (hand)
Wrapper (hand)

Some related occupations classi ed elsewhere:
- BCFMMJOH NBDIJOF PQFSBUPS
1BDLJOH NBDIJOF PQFSBUPS
8SBQQJOH NBDIJOF PQFSBUPS

C MPBEJOH BOE VOMPBEJOH WFIJDMF
(c) clearing machine blockages, and cleaning
(d) carrying out manual sorting of products or components.

Unit Group 9329

Manufacturing Labourers Not Elsewhere Classified

.BOVGBDUVSJOH MBCPVSFST OPU
assist the work of machine operators and assemCMFST BOE QFSGPSN B WBSJFUZ PG TJNQMF BOE SPV
packing and labelling nished products.
5BTLT JODMVEF o
B DPOWFZJOH HPPET NBUFSJBMT
PUIFS JUFNT UP XPSL BSFBT
JTIFE QJFDFT

Examples of the occupations classi ed here:
Bottle sorter
Factory hand
Stacker

Some related occupations classi ed elsewhere:
& MFDUSJDBM FRVJQNFOU BTTFNCM
& MFDUSPOJD FRVJQNFOU BTTFNCM
)BOE QBDLFS o

Minor Group 933

Transport and Storage Labourers

5SBOTQPSU BOE TUPSBHF MBCPVSFST
WFIJDMFT UP USBOTQPSU QBTTFOHFST
CBHHBHF BOE TUPDL TIFMWFT

5BTLT QFSGPSNFE
TFOHFST PS HPPET
BOJNBM
areas in stores.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBTF JOUP UIF GPM

9331 Hand and Pedal Vehicle Drivers

9332 Drivers of Animal-drawn Vehicles and Machinery

9333 Freight Handlers

9334 Shelf Fillers

Unit Group 9331

Hand and Pedal Vehicle Drivers

)BOE BOE QFEBM WFIJDMF
IBOE DBSUT BOE TJNJMBS WFIJDMFT
sages and transport passengers or goods.
5BTLT JODMVEF o
(a) loading and unloading goods, or assisting
QBTTFOHFST JO HFUUJOH PO
C NPWJOH WFIJDMF JO UIF
due regard to other tra c and tra c regula-
UJPOT
D JOTQFDUJOH WFIJDMF
XFBS BOE EBNBHF
E NBJOUBJOJOH WFIJDMF
BOE JOTUBMMJOH SFQMBDFNFOU
(e) collecting fares or charges.

Examples of the occupations classi ed here:
Bicycle courier
Rickshaw puller

Some related occupations classi ed elsewhere:
DJIOFSZ ESJWF BOJNBM ESBXO WFIJDMFT

Unit Group 9332

Drivers of Animal-drawn Vehicles and Machinery

passengers or goods, as well as animal-drawn machinery usually in connection with farming.

5BTLT JODMVEF o

B IBSOFTTJOH BOJNBMT BOE JUDIJOH UIFN UP BOE JTJOH UIFN UP QVMM WFIJDMFT PS NBDIJOFSZ

(b) loading or unloading goods, or assisting passengers to get on or off vehicles

D ESJWJOH BOJNBMT JO UIF FBSMZ NPSOJOH XJUI due regard to other tra c and tra c regulations

E DPNNFDUJOH GBSFT PS DIBSHFT

F ESJWJOH BOJNBMT UP TBMF SFMBUFE PDDVQBUJPOT classified elsewhere

G ESJWJOH BOJNBMT IJUDIFE UP PUIFS BOJNBMT PS WFIJDMFT

H ESJWJOH XPSLJOH FMFQIBOU

I NBJOUBJOJOH WFIJDMF PS NBDIJOFSZ NBLJOH NJOPS SFQBJST BOE JOTUBMMJOH SFQMBDFNFOU QBSUT

(i) grooming and feeding animals.

Examples of the occupations classified here:

"OJNBM ESBXO WFIJDMF "OJNBM USBJOFS .BIPVU

Some related occupations classified elsewhere:

+PDLFZ o

Unit Group 9333

Freight Handlers

Freight handlers carry out tasks such as packing, carrying, loading and unloading furniture and other household items, or loading and unloading ship and aircraft cargo and other freight, or carrying and stacking goods in warehouses.

5BTLT JODMVEF o

(a) packing office or household furniture, machines, appliances and related goods to be transported

(b) carrying goods to be loaded on or unloaded from vehicles

(c) loading and unloading grain, coal, sand, baggage and other items by placing them on conveyors or trucks

(d) connecting hoses between mainshore installation pipes and tanks of barges, tankers and other ships to load and unload petroleum,

(e) carrying and stacking goods in warehouses

(f) sorting cargo prior to loading and unloading.

Examples of the occupations classified here:

Baggage handler Freight handler Warehouse porter

Some related occupations classified elsewhere:

$BSHP QSPDFTTPS o)PUFM QPSUFS o -VHHBHF QPSUFS o

Unit Group 9334

Shelf Fillers

4IFMG mMMFST TUPDL TIFMWFT BOE keep stock clean and in order in supermarkets and other retail and wholesale shops.

5BTLT JODMVEF o

(a) placing goods neatly in bins and on racks,

C mMMJOH TIFMWFT XJUI HPPET BOE TUBDLJOH CVMLZ HPPET PO nPPS goods with the earliest use-by dates are at the

D SFNPWJOH HPPET XJUI QBTU EVF

E NBJOUBJOJOH TIFMG PSEFS CZ SFNOVJOH

(e) noting what has been sold and collecting

(f) obtaining articles for customers from shelf or warehouse

(g) directing customers to location of articles

I SFDFJWJOH PQFOJOH VOQBDLJOH BOE PSEFSJOH goods from manufacturer or distributor.

Examples of the occupations classified here:

Night filler Stock filler Stock handler

Sub-ma~or Group 94
Food Preparation Assistants

'PPE QSFQBSBUJPO BTTJTUBOUT QSFQBSF UBZOFEGD PSF UDPPLFE GPPET BOE CFWFSBHFT DMFBS UBCMFT DMFBOJOH BSFBT BOE XBTIJOH NFBTVSJOH BOE NJYJOH HPPET GPS DPPLJOH PQFSBUJPOT JODMVEFE BT TBOEXJDIFT QJ[[BT mTI BOE DIJQT BMBET GSZFST DMFBOJOH LJUDIFOD F GBSFEB TQSFBE BOE UPPIODBSE BSFBT BOE HFOFSBM VUFOTJMT VTFE JO LJUDI

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSF JDMBTTJmFE JOUP UIF GPM

941 Food Preparation Assistants

Minor Group 941
Food Preparation Assistants

'PPE QSFQBSBUJPO BTTJTUBOUT QSFQBSF UBZOFEGD PSF UDPPLFE GPPET BOE CFWFSBHFT DMFBS UBCMFT DMFBOJOH BSFBT BOE XBTI E

5BTLT QFSGPSNFE VTVBMMZ JODMVEFE QSFQBSBUJPO BTTJTUBOUT QVS BT TBOEXJDIFT QJ[[BT mTI BOE DIJQT TJNQMF QSFQBSBUJPOT JOWPMWJOH GPPETGPS DPPLJOH PQFSBUJPOT JO GBU GSZFST DMFBOJOH LJUDIFOD F GBSFEB TQSFBE BOE UPPIODBSE BSFBT general utensils used in kitchens and restaurants.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSF JDMBTTJmFE JOUP UIF GPM

9411 Fast Food Preparers
9412 Kitchen Helpers

Unit Group 9411
Fast Food Preparers

Fast food preparers prepare and cook to order a limited range of simple pre-prepared foods and operate associated food preparation equipment.

5BTLT JODMVEF o
(a) preparing simple or pre-prepared foods and operating associated food preparation equipment;
(c) washing food preparation areas, cooking utensils and equipment;
(e) cleaning food preparation areas, cooking utensils and equipment;

H PSEFSJOH BOE UBLJOH-H EFMJWFSZ HSFFEJFOUT
(h) maintaining sanitation and health and safety

TUBOEBSET JO XPSL BSFBT

Examples of the occupations classi ed here:
Fast food cook
Hamburger maker
Pizza maker
Short order cook

Some related occupations classi ed elsewhere:
'PPE TFSWJDF DPVOUFS BUUFOEBOT VOMF

Note
Jobs that combine preparation of simple food items is an incidental component of the work.

Unit Group 9412

Kitchen Helpers

Kitchen helpers clear tables, clean kitchen areas, wash dishes, prepare ingredients and perform other duties to assist workers who prepare or TFSWF GPPE BOE CFWFSBHFT 5BTLT JODMVEF o

(a) cleaning kitchens, food preparation areas BOE TFSWJDF BSFBT
(b) assisting cooks and chefs in preparation of food by washing, peeling, chopping, cutting, NFBTVSJOH BOE NJYJOH JOHSFEJFOUT
D BTTFNCMJOH EJTIFT GPS TFSWJDF
(d) unpacking, checking, transferring, weighing and storing supplies in refrigerators, cup-CPBSET BOE PUIFS TUPSBHF BSFBT
(e) washing dishes and cooking utensils and put-UJOH UIFN BXBZ
(f) preparing, cooking, toasting and heating simple food items.

Examples of the occupations classi ed here:

Hand dishwasher
Kitchen assistant
Kitchen hand
Kitchen porter
Kitchen steward
Pantry attendant

Some related occupations classi ed elsewhere:

$PPL o
'BTU GPPE QSFQBSFS o

Sub-ma~or Group 95

Street and Related Sales and Services Workers

4 U S F F U B O E S F M B U F E T B M F T B O E J T O H - S W G P D E T O P M B T U F S T F U V D
T V N Q U J P O B O E Q S P W J E B W B S J F U Z U P G S T Q S W M D J F T O M B T U F S T F U V D
T U B U J P O . P T U P D D V Q B U J P O J O M U T J B T U V C m B K U P S 4 H S P T V L Q M S M F R M V F

5 B T L T Q F S G P S N F E C Z X P S L F S T J O V E H F J T C V T Z W J C H N B K S P N S B L H J S O P H V Q
W B S J P V T J U F N T G P S T B M F M P B E J O H B O E O V T Q M P S B U E J O C H U J U F N N T P G B S J T O B
U I F N B U F S J B M T O F D F T T B S Z U P Q F S G P B O D T U F S W J D F T U B Q P S F B D H J P H E T Q P
T F S W J D F T D M F B O J O H B O E Q P M J T I D B S X J P H E T P X D M S B V O D J C H B G E S Q B P M
B T T J T U J N G D B S E S J W F S T U P m O E U B F Q B S S J D T H O P M U B E B N B O E F E T V S S
U I F E S J W F S T B C T F O D F I B O E J N G P V S U F D M F B W E J O T H E N E F G E S J E B U H Q R X B T Z Q N E F Q O

0 D D V Q B U J P O S J O U I J T T V C N B K P S H B R V Q H B N S J F O D P M B H T E m Q E J O U P U I F

951 Street and Related Services Workers

952 Street Vendors (excluding Food)

Minor Group 951

Street and Related Services Workers

4 U S F F U B O E S F M B U F E T F S W J D F T X F S L P S T Q S P W U J E B O E W B S J P U S J Z S P Q V
places, including cleaning shoes, washing car windows, running errands, looking after prop-
F S U Z B O E Q S P W J E J N G P U I F S P O U I F T Q P U T U S F F U T F S W J D F T

5 B T L T Q F S G P S N F E V S U A M M Z J O D M B V E Z U P P C Q E S J C G P S H N U I F S W B D F S
Q S P B D I J O H Q F P Q M F P O U I F T U S F F U E M J F S H T F S M V J D F D M E B C F J B O H O
Q P M J T I J O H D B S X J O E P X T S V O O J O H F S m S B E O E T Q E B S T L J J C H U J Q D H B D E S B E S J W
T V S J O H U I B U U I F D B S J S O U E B N B H E E B O E V S J C H E H P U U F M S T B W F S T B O E F
O F X T Q B Q F S T S F D F J W J N G J N N F E J B U F Q B Z N F O U

0 D D V Q B U J P O S J N O P S H S P V Q H B V E J D M B S F V Q F E J O U P U I F G P M

9510 Street and Related Services Workers

Unit Group 9510

Street and Related Services Workers

4 U S F F U B O E S F M B U F E T F S W J D F T X F S L P S T Q S P W U J E B O E W B S J F U Z P G T F S W J D F T P O T U S F F S U D B J E V E J C H F U N F S E Q B V C M D B Z N F O U
places, including cleaning shoes, washing car
X J O E P X T S V O O J O H F S S B O E T P M P P L J O H B G U F R Q S P Q F S U Z B O E
U I F T Q P U T U S F F U T F S W J D F T

5 B T L T J O D M V E o

(a) obtaining the materials necessary to perform
T F S W J D F T

C B Q Q S P B D I J O H Q F P Q M F - P O U I S
W J D F T

D D M F B O J O H B O E Q P M J T I J O H

E D M F B O J O H B O E Q P M J T I J O H

F S V O O J O H F S S B O E T

G B T T J T U J O H D B S E S J W F S T U P m O
and ensuring that the car is not damaged
E V S J O H U I F E S J W F S T B C T F O D F

Examples of the occupations classified There:
Q S W M J E J O H P U I F P O
Car window washer
Errand boy
Free newspaper distributor
- F B n F U E J T T R J C V U P S
Shoe polisher
T e l e p h o n e U P P F S T F S

Some related occupations classified elsewhere:
4 D B S S W J D E E T P X B T U J P O B U U F O E B O U o
- F B n F U B O E O F X T Q B Q F S E F M J W F S F

Minor Group 952
Street Vendors (excluding Food)

4USFFU WFOEPST FYDMVEJOH GPPE PFEETTFMFMY DBMWTEVBOWHMZPMEENGPS
mediate consumption) in streets and public places such as stations, cinemas or theatres.

5BTLT QFSGPSNFE VTVBMMZ JODMVEFBMCVZPSHNBSJSDHFDTFJWQUIF **JUFN**
MPBEJOH BOE VOMPBEJOH CBTLFUTZDUSBZTIBTDVEJUSVBDFTT PSVPTUDFSSWFI
DMFT UP USBOTQPSU HPPETUP UIF TTUBSUFJFUCTTPSSQDVJCOMJNDBTQMBJDTQTMB
HPPETPS DBMMJOH PVU UP BUUSBDOHDQTUPUFNSUSBMBDVTUOPNJPST
TUSFFUT PS CZ HPJOH GSPN IPVTFFUSHDVJWJOH JOPNSFEJBUFT QBZNFOU

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBVGEJDMBSTFVQFE JOUP UIF GPM

9520 Street Vendors (excluding Food)

Unit Group 9520
Street Vendors (excluding Food)

4USFFU WFOEPST FYDMVEJOH GPPE4UTFMUBPVTBWFMZEMSNo
JUFE SBOHF PG HPPETFY-DMVEJOHSPUEBTUBMFT SFQSFTFOUBUJ
diate consumption) in streets and public places such as stations, cinemas or theatres.

5BTLT JODMVEF o

B CVZJOH PS SFDFJWJOH JUFNT GPS TBMF PS NBLJOH TJNQMF JUFNT

(b) loading and unloading baskets, trays, push-DBSUT CJDZDMFT IBOE USVDLT PS PUIFS WFIJDMFT to transport goods to the streets or public QMBDFT TVDI BT TUBUJPOTSP DBJTFNFOU

(c) displaying goods or calling out to attract cus-UPNFST BUUFOUJPO

(d) approaching potential customers on streets, or by going from house to house, to offer HPPETGPS TBMF

F SFDFJWJOH JNNFEJBUF QBZNFOU

Examples of the occupations classi ed here:

Hawker
/FXTQBQFS WFOEPS
Pedlar

Some related occupations classi ed elsewhere:

.BSLFU TBMFTQFSTPO o
4USFFU TUBMM TBMFTQFSTPO o
’SFF OFXTQBQFS EJTUSJCVUPS o

Note
Vendors from street and market stalls of fresh food products not intended for immediate consumption (such as GSVJU WFHFUBCMFT NFBU BOE EBJSZ QSPEV JO 6OJU (SPVQ 4UBMM BOE .BSLFU 4BMFTQF EPST GSPN TUSFFU BOE NBSLFU TUBMMT PG E pared meals and food items for immediate consumption BSF DMBTTJmFE JO 6OJU (SPVQ ’PPE 4FSWJ "UUFOEBOUT 7FOEPST JO TUSFFUT BOE QV GPPE BOE CFWFSBHFT GPS JNNFEJBUF D pushcarts, trucks, trays or baskets are classi ed in Unit (SPVQ 4USFFU ’PPE 4BMFTQFSTPOT 7FOEPS and public places of non-food items (or of pre-packaged non-perishable food items such as confectionery) from pushcarts, trucks, trays or baskets are classi ed in Unit (SPVQ 4USFFU 7FOEPST FYDMVEJOH ’PPE

Sub-ma~or Group 96

Refuse Workers and Other Elementary Workers

Refuse workers and other elementary workers collect, process and recycle garbage from build-
JOHT ZBSET TUSFFUT BOE PUIFS QVCMJD QMBDFT PS LFFQ TUSFFUT DMFBO BOE
UJEZ EFMJWFS BOE DBSSZ NFTTBHFT PS QBDLBHFT UP EFTUJOBUJPOT TVDI BT
PS FTUBCMJTINFOUT .PTU PDDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JOWPMWF
TLJMM MFWFM

5BTLT QFSGPSNFE CZ XPSLFSS JO UIJT TVC NBKPS HSPVQ JODMVEF
VOMPBEJOH HBSCBHF TXFFQJOH UIF TFBSDI PG QVCMJD QMBDFT PS LFFQJOH
MFDUJOH BOE DBSSZJOH mSFXPPE BHXBTUFCSFBQJBOHLBEHVFTU PWVHHG
carpets and performing other odd-job tasks.

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ JOUP UIF
961 Refuse Workers
962 Other Elementary Workers

Minor Group 961

Refuse Workers

Refuse workers collect, process and recycle garbage from buildings, yards, streets and other public places, or keep streets and other public places clean.

5BTLT QFSGPSNFE VTVBMMZ JODMVEF
QBSLT BOE PUIFS QVCMJD QMBDFT
aluminium.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ JOUP UIF GPM
9611 Garbage and Recycling Collectors
9612 Refuse Sorters
9613 Sweepers and Related Labourers

Unit Group 9611

Garbage and Recycling Collectors

(BSCBHF DPMMFDUPST DPMMFDU SFNPWF BOE USBOTQPSU HBSCBHF
and items for recycling from buildings, yards, streets and other places.

5BTLT JODMVEF o
(a) collecting rubbish and recyclable materials and locating them into bins and garbage and SFDZDMJOH USVDLT
C SJEJOH PO PS JO HBSCBHF
(c) lifting garbage bins and emptying contents JOUP USVDLT BOE MBSHFS
(d) unloading garbage and recycling trucks.

Examples of the occupations classi ed here:
%VTUNBO XPNBO
Recycling collector
Refuse collector

Some related occupations classi ed elsewhere:
(BSCBHF USVDL ESJWFS o
8BTUF QJDLFS o

Unit Group 9612

Refuse Sorters

Refuse sorters identify, sort and prepare for transport discarded items suitable for recycling at dump sites and recycling enterprises or in buildings, streets and other public places.

5BTLT JODMVEF o
(a) searching through refuse and collecting items for recycling from dump sites, domestic, commercial and industrial premises or from QVCMJD QMBDFT TVDI BT TUSFFUT
(b) sorting cardboard, paper, glass, plastic, alu-NJOJVN PS PUIFS SFDZDMBCMF NBUFSJ
(c) placing recyclable items and materials in designated compartments and containers for TUPSBHF PS USBOTQPSUBUJPO
(d) identifying and setting aside items of furni-UVSF FRVJQNFOU NBDIJOFSZ PS UIBU BSF TVJUBCMF GPS SFQBJS PS S
(e) transporting recyclable items by hand or VTJOH OPO NPUPSJ[FE WFIJDMFT
(f) selling recyclable or reusable materials.

Examples of the occupations classi ed here:
Recycling worker
Scrap merchant
Waste picker

Some related occupations classi ed elsewhere:
3FGVTF DPMMFDUPS o
4USFFU TXFFQFS o

Unit Group 9613
Sweepers and Related Labourers

Sweepers and related labourers sweep and clean streets, parks, airports, stations and other public places.
5BTLT JODMVEF o
(a) sweeping streets, parks, airports, stations
BOE TJNJMBS QVCMJD QMBDFT
C TIPWFMMJOH TOPX
(c) beating dust out of carpets by using a carpet-
CFBUFS
E DMFBOJOH SVCCJTI MFBWF
ESJWFXBZT BOE HSPVOET

Examples of the occupations classi ed here:
Park sweeper
Street sweeper

Minor Group 962
Other Elementary Workers

0UIFS FMFNFOUBSZ XPSLFST EFMJWFSQBFSOSEPSSBOSSZWNBFSTJTFBHZFF
TJNQMF NBJOUFOBODF BOE SFQBJS UBEFLTHDNPBMMFDUN TNPSOFZEBOEUFUSP
DPMMFDU XBUFS BOE mSFXPPE BSOLEJOHMFWFSBUOE JTTVF UJDLF

5BTLT QFSGPSNFE VTVBMMZ JODMVEFBDDFSQBOJEHmXSPXEPBEOEDMFBMOJFO
BOE NBJOUBJOJOH CVJMEJOHT HFTPTVBOHET BQOBEGBHDJTMBOEFPTUIE
JUFNT XJUIJO PS CFUXFFO FTUBCMJTHNEVOJTTPSTFMTQFXTESSFVOQOFSSG
JTTVJOH BOE DPMMFDUJOH UJDLDFUBTSBOETE QmEMTMJCTH DTBUMSDVMB
PG WFOEJOH NBDIJOFT BOE DPMMFODUJOHDNUSOJDZUZSPBNT DPSOUBU
meters and recording consumption.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSE JDMBSTFVQE JOUP UIF GPM

9621 Messengers, Package Deliverers and Luggage Porters
9622 Odd-job Persons
9623 Meter Readers and Vending-machine Collectors
9624 Water and Firewood Collectors
9629 Elementary Workers Not Elsewhere Classified

Unit Group 9621
Messengers, Package Deliverers and Luggage Porters

.FTTFOHFST QBDLBHF EFMJWFSFST BOE MVHHBHF DBSSZJOH BOE EFMJWFSJOH NFTTBHFT QBDLBHFT BOE other items on foot, within an establishment or between establishments, to households and elsewhere, or carry luggage, especially at hotels, stations and airports.
5BTLT JODMVEF o
B EFMJWFSJOH NFTTBHFT QBDLBHFT BOE items within an establishment or between FTUBCMJTINFOUT PS FMTFXIFSF.FTTFOHFS
C EFMJWFSJOH WBSJPVT HPPET FYDMVEJOH QBDLBHFT BOE QSJTFT TIPQT IPVTFIPMET BOE PUIFS QMBDFT
D DBSSZJOH BOE EFMJWFSJOH MUBUJPOT BJSQPSUT BOE FMTFXIFS
E SFDFJWJOH BOE NBSLJOH CBHHBH QMFUJOH BOE BUUBDIJOH DMBJN DIFD
(e) Sprinting and following the most efficient
G TPSUJOH JUFNT UP CF EFMJWFSFE B EFMJWFSZ SPVUF

Examples of the occupations classi ed here:
Hotel porter
Luggage porter

Some related occupations classi ed elsewhere:
.BJM DBSSJFS o
1PTUNBO XPNBO o

Unit Group 9622
Odd-job Persons

Odd-job persons clean, paint and maintain buildings, grounds and facilities, and undertake simple repairs.
5BTLT JODMVEF o
(a) repairing broken windows, screens, doors, GFODFT CBSCFDVFT QJDOJD UBCMFT DVQ
CPBSET BOE PUIFS JUFNT
C SFQMBDJOH EFGFDUJWF JUFNT TVDI BT MJHIU CVMCT
D SFQBJSJOH BOE QBJOUJOH JOUFSJPS BOE FYUFSJPS
TVSGBDFT TVDI BT XBMMT DFJMJOHT BOE GFODFT
E BEKVTUJOH EPPST BOE XJOEPXT
F SFQMBDJOH UBQ XBTIFST
G QVUUJOH VQ IBOESBJMT BOE HSBC SBJMT
(g) unloading coal or wood and putting it into cel- MBST PG QSJWBUF IPVTFIPMET PS FTUBCMJTINFOUT

Examples of the occupations classi ed here:
Handyperson
Hotel useful
Odd-job person

Unit Group 9623
Meter Readers and Vending-machine Collectors

.FUFS SFBEFST BOE WFOEJOH NBDIJOF DPMMFDUPST
TUPDL WFOEJOH NBDIJOFT BOE PUIFS DPMMFDUPST
them or from parking meters and other coin- CPYFT PS SFBE FMFDUSJDJUZ HBT UIFSNPNFUFST
5BTLT JODMVEF o
B mMMJOH TUPSBHF BSFBT XJUI DPJO PQFSBUFE WEHJDMFT
DPMMFDUJOH NPOFZ GSPN
(b) collecting money from parking meters and TJNJMBS DPJOCPYFT
(c) reading electricity, gas or water meters and SFDPSEJOH DPOTVNQUJPO
(d) keeping records of merchandise distributed BOE NPOFZ DPMMFDUFE
(e) proceeding along established routes to take SFBEJOHT PG NFUFS EJBMT
G WFSJGZJOH SFBEJOHT- JO DBTFT XIFSF DPOEJ- tion appears to be abnormal, and recording QPTTJCMF SFBTPOT GPS nVDUVBUJPOT
(g) inspecting meters for unauthorized connections, defects and damage such as broken seals.

Examples of the occupations classi ed here:
.FUFS SFBEFS
Vending-machine collector

Unit Group 9624
Water and Firewood Collectors

Water and rewood collectors collect water and rewood and transport them on foot or using hand or animal carts.
5BTLT JODMVEF o
(a) cutting and collecting wood from forests for sale in market or as fuel or for own consump- UJPO
C WJTJUJOH GPSFTUT PS mFMET UP QJD wood from the ground and arranging them JO IFBQT
(c) cutting decayed branches and trunks of trees VTJOH BYFT BOE IBOE TBXT
(d) tying collected wood into small faggots and carrying them or transporting them on a cart UP UIF NBSLFU GPS TBMF PS UP WJMM
IPMET GPS VTF
F ESBXJOH XBUFS GSPN XFMMT S EUD GPS EPNFTUJD VTF
(f) collecting water in leather bags, buckets or PUIFS DPOUBJOFST GSPN UBQT SJWF XFMMT BOE EFMJWFSJOH UIF XBUFS U the houses of clients or to own household for drinking, cleaning of drains or storage in tanks.

Examples of the occupations classi ed here:
Firewood collector
Water collector

Unit Group 9629
Elementary Workers Not Elsewhere Classified

This group covers elementary workers not classi ed under any of the preceding unit groups in this minor group. Some of the duties performed by workers classi ed here are: BENJTTJPO UJDLFUT QSPWJEF QFSTP patrons or customers in cloakrooms, and assist QBUSPOT BU FOUFSUBJONFOU FWFOUT
*O TVDI DBTFT UBTLT XPVME JODMVE
(a) selling admission tickets and passes to pa- USPOT BU FOUFSUBJONFOU FWFOUT P UJDLFUT QBTTFT BOE UBHT GSPN Q
C FYBNJOJOH UJDLFUT PS QBTTFT UP V dity, using criteria such as colour and date JTTVFE
DDUVBUJPOT QBUSPOT UP FYJUT PS QSPW
(d) directing patrons to restrooms, concession TUSVDUJPOT PS BTTJTUBODF JO DBT TUBOET BOE UFMFQIPOFT
F EJSFDUJOH WFIJDMF ESJWFST UP
G QBUSPMMJOH QBSLJOH BSFBT JO WFIJDMF EBNBHF BOE WFIJDMF QSPQF

(g) calculating parking charges and collecting GFFT GSPN DVTUPNFST
(h) assigning dressing room facilities, locker space or clothing containers to patrons of athletic or bathing establishments.

Examples of the occupations classi ed here:
Cloakroom attendant
Fairground attendant
Parking attendant
5JDLFU DPMMFDUPS
Usher

Some related occupations classi ed elsewhere:
1BSLJOH WBMFU o

Ma~or Group 0

ARMED FORCES OCCUPATIONS

"SNFE GPSDFT PDDVQBUJPOT JODMVFE IB SBNVFNE KGPSDFT FTF M.EF NCCZF SNF NPCGF S
UIF BSNFE GPSDFT BSF UIPTF QFSTPOO OUFM XSPN BS FGDVSDFTF OUOMZ MTVFES
BVYJMJBSZ TFSWJDFT XIFUIFS PO B BVOFEMXIGPUBSSFZ OPSUDGPSNFQVMFT PSDZDEC
DJWJMJBO FNQMPZNFOU BOE BSF TWCVKEFDEU BUSFF NSJFMHJUBSSZ NEFJNTOESQTM JP
UIF BSNZ OBWZ BJS GPSDF BOE PBUTFDSPNJTMSUQSZ TFDSWMMFE GBTSXNN
USBJOJOH PS PUIFS TFSWJDF GPS B TQFDJmFE QFSJPE

0DDVQBUJPOT JO UIJT NBKPS HSPVQHBTVFCDNMBKTPTmHFSEPVQTP UIF GPM

01 Commissioned Armed Forces Officers

02 Non-commissioned Armed Forces Officers

03 Armed Forces Occupations, Other Ranks

Excluded from this group are:

KPCT IFME CZ QFSTPOT JO DJWJMJBO
EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PG TFSWJDF PS PUIFS BSNFE D

Note

.BOZ KPCT QFSGPSNFE CZ NFNCFST PG JUOFUBFSSNFE BSBSUFFT GBSEVTSNJMGSUIF XPS
QFSGPSNFE UP DJWJMJBO PDDVQBUPJPQDFTSEVDSTBTDNPFPEJTDBTMF DESPFDUBPSSJTF TS
IFBWZ USVDL ESJWFST $PODFQUVBMGMPZSFJUUNBDZMGFTBJQQZSTPVQDSIJKEVCETUIGFSUFF BSN
GPSDFT XJUI TJNJMBS DJWJMJBO KTPFCWFSTBJMT GBQUQJSPOBEM JPDBEVEQUFEOJOMBTTJmD
5ZQJDBMMZ TVDI DMBTTJmDBUJPOT BMTQFDEFmDUPGZVBQGVNEOSMPGHSNFWQUBSO NB
DPVOUSJFT IPXFWFS JU JT OPU QPCTPTVIC MUFUOBQUSVSEVDG JUOFGPXSNSBUQIPSDGBSNFE C
NFNCFST PG UIF BSNFE GPSDFT *O BEVBSQQUPTDHT*ASPVOUSPSTONBUZPXJBM QIFSFGPSF
to consider what approach best suits their circumstances and user needs. For purposes of international
DPNQBSBCJMJUZ IPXFWFS XIFSF EBUBSQNFSEUGJPSJDFHT UBPSNFSNFQPSSTUPG BUOFE DMBT
mFE CZ PDDVQBUPO UIFZ TIPVME C*F4$OODM.VBEKPES (XSIPVQ QP'TSNJEEMFPSJDFT
Occupations.

Sub-ma~or Group 01

Commissioned Armed Forces Officers

$PNNJTTJPOFE BSNFE GPSDFT P DFSTFOQUSPWJPESHBMCFJ[EEUSPOBQM E
VOJUT JO UIF BSNFE GPSDFT BOE QPFSSGQPFSSNGFESJNO TBJWJBMBSFUZ BP
DJWJMJBO PDDVQBUJPOT PVUTJEFEUFTF EBMSMNFNEFNGCPFSSDTFFPG 5UIJFT BHSSNFV
GPSDFT IPMEJOH UIF SBOL PG TFDPOEHMIEVSVPNQEOUFOS QRYGWBMBODF
JO NPTU PDDVQBUJPOT JO UIJT TVCUNBKPPSVSUSPVQSFTRLVJMSMFTMFLWMM

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQHBSJFODPMBHTFPQE JOUP UIF

011 Commissioned Armed Forces Officers

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBOTFNFQOMUPZNFOUDFBG FHEPXJFUS
EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PG TFSSVEJFDSFPS PUIFS BSNFE D

Minor Group 011

Commissioned Armed Forces Officers

$PNNJTTJPOFE BSNFE GPSDFT P DFSTFOQUSPWJPESHBMCFJ[EEUSPOBQM E
VOJUT JO UIF BSNFE GPSDFT BOE QPFSSGQPFSSNGFESJNO TBJWJBMBSFUZ BP
DJWJMJBO PDDVQBUJPOT PVUTJEFEUFTF EBMSMNFNEFNGCPFSSDTFFPG 5UIJFT BHSSNFV
GPSDFT IPMEJOH UIF SBOL PG TFDPOEHMIEVSVUFOBOU PS FRVJWBMFC

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSJFSVEJDUMBSTFPVQFE JOUP UIF GPM

0110 Commissioned Armed Forces Officers

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBOTFNFQOMUPZNFOUDFBG FHEPXJFUS
EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PG TFSSVEJFDSFPS PUIFS BSNFE D

Unit Group 0110

Commissioned Armed Forces Officers

$PNNJTTJPOFE BSNFE GPSDFT P DFSTFOQUSPWJPESHBMCFJ[EEUSPOBQM E
ership and management to organizational units in
UIF BSNFE GPSDFT BOE PS QFSGPSJNETTUJUNQUNMBCS UBTLT UP
UIPTF QFSGPSNFE JO B WBSJF/UBZVBPMG PDDWSJMNJBMOJUPEDSDZVQB
UJPOT PVUTJEF UIF BSNFE GPSDFT/BSWZT DHFSNFNQOJEQOJEFDSMVEFT
all members of the armed forces holding the rank
PG TFDPOE MJFVUFOBOU PS FRSecond lieutenant (army)

Examples of the occupations classi ed here:
"ENJSBM
"JS DPNNPEPSF
"JS NBSTIBM
Brigadier (army)
Captain (air force)
Captain (army)
$BQUBJO OBWZ
Colonel (army)
Field marshal
Flight lieutenant (air force)
Flying o cer (military)
(FOFSBM BSNZ
(SPVQ DBQUBJO BJS GPSDF
Lieutenant (army)
.BKPS BSNZ
O cer cadet (armed forces)
4FDPOE MJFVUFOBOU OBWZ
4RVBESPO MFBEFS
4VCMJFVUFOBOU OBWZ
Wing commander

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJE
FNQMPZNFOU PG HPWFSONFOU FTUBC
DPODFSOFE XJUI EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QP
customs inspectors and members of
CPSEFS PS PUIFS BSNFE DJWJMJBO T

Sub-ma~or Group 02

Non-commissioned Armed Forces Officers

/PO DPNNJTTJPOFE BSNFE GPSDFT PF BEFSTTVQFSPVSJDTF NUJMJUBSJZ
JUJFT PG UIPTF FNQMPZFE JO 4VC NBKPS (SPVQT 0UIFS 3BOLT BOE
BOE PS QFSGPSN TJNJMBS UBTLT UDFJWUJMJBOQPSGPSDFT 5IJT HSPVQ JODMVEFTTPNFNJDDFSTPG LUIFTBSNFE
UIF BSNFE GPSDFT 5IJT HSPVQ JODMVEFTTPNFNJDDFSTPG LUIFTBSNFE
sergeant, warrant o cer and sergeant major. Competent performance in most occupations in
UIJT TVC NBKPS HSPVQ SFRVJSFTTWLFJMMT BU UIF TFDPOE *4$0 T

0DDVQBUJPOT JO UIJT TVC NBKPS HSBSVQHBSSJFODPNBHTTFWQE JOUP UIF

021 Non-commissioned Armed Forces Officers

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBOTFNQMPZNFOUBDDPVOUJOH
EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PGTUBGGSFWJFXJOH PS PUIFS BSNFE D

Minor Group 021

Non-commissioned Armed Forces Officers

/PO DPNNJTTJPOFE BSNFE GPSDFT PF BEFSTTVQFSPVSJDTF NUJMJUBSJZ
JUJFT PG UIPTF FNQMPZFE JO 4VC NBKPS (SPVQT 0UIFS 3BOLT BOE
BOE PS QFSGPSN TJNJMBS UBTLT UDFJWUJMJBOQPSGPSDFT 5IJT HSPVQ JODMVEFTTPNFNJDDFSTPG LUIFTBSNFE
UIF BSNFE GPSDFT 5IJT HSPVQ JODMVEFTTPNFNJDDFSTPG LUIFTBSNFE
sergeant, warrant o cer and sergeant major.

0DDVQBUJPOT JO UIJT NJOPS HSPVQHBSSJFODPNBHTTFWQE JOUP UIF GPM

0210 Non-commissioned Armed Forces Officers

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBOTFNQMPZNFOUBDDPVOUJOH
EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PGTUBGGSFWJFXJOH PS PUIFS BSNFE D

Unit Group 0210

Non-commissioned Armed Forces Officers

Non-commissioned armed forces officers en-
GPSDF NJMJUBSZ EJTDJQMJOF BOE TFSWJDF
JUJFT PG UIPTF FNQMPZFE JOWarrant Officer
"SNFE 'PSDFT 0DDVQBUJPOT 0UIFS 3BOLT BOE
or perform similar tasks to those performed
JO B WBSJFUZ PG DJWJMJBO IPDDVQBUJPOT
BSNFE GPSDFT 5IJT HSPVQ JODMVEFTTPNFNJDDFSTPG
the armed forces holding ranks such as sergeant, warrant o cer and sergeant major.

Examples of the occupations classi ed here:
#PBUTXBJO OBWZ
Flight sergeant
Sergeant (army)
Sergeant major
Warrant Officer
Excluded from this group are:
establishments concerned with defence
JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QP
customs inspectors and members of
CPSEFS PS PUIFS BSNFE DJWJMJBO T

Sub-ma~or Group 03

Armed Forces Occupations, Other Ranks

"SNFE GPSDFT PDDVQBUJPOT PUIFS SBOLT JODMVEFT JOEJWJEVBMT XIP BSF NFNCFST PG UIF BSNFE GPSDFT FYDFQU DPNNJTTJPOFE PGGJDFST 5IFZ BSF DMBTTJmFE XJUI PUIFS NJMJUBSZ UBTLT BOE PS QFSGPSN TJNJMBS UBTLT UP PDDVQBUJPOT PVUTJEF UIF BSNFE GPSDFT BU UIF mSTU *4$0 TLJMM MFWFM

0DDVQBUJPOT JO UIJT TVC NBKPS HSPVQ BSF PSHBOJTFE JOUP UIF

031 Armed Forces Occupations, Other Ranks

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBO PDDVQBUJPOT FNQMPZNFOU PG HPWFSONFOU FTUBCMJTINFOUT DPOEVDUJOH XIPMFTBMF BDUJWJUJFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PG UIF SFHVMBS BSNFE GPSDFT PS PUIFS BSNFE D

Minor Group 031

Armed Forces Occupations, Other Ranks

"SNFE GPSDFT PDDVQBUJPOT PUIFS SBOLT JODMVEFT JOEJWJEVBMT XIP BSF NFNCFST PG UIF BSNFE GPSDFT FYDFQU DPNNJTTJPOFE PGGJDFST 5IFZ BSF DMBTTJmFE XJUI PUIFS NJMJUBSZ UBTLT BOE PS QFSGPSN TJNJMBS UBTLT UP PDDVQBUJPOT PVUTJEF UIF BSNFE GPSDFT BU UIF NJOPS HSPVQ BSF PSHBOJTFE JOUP UIF GPM
occupations outside the armed forces.

0DDVQBUJPOT JO UIJT NJOPS HSPVQ BSF PSHBOJTFE JOUP UIF GPM

0310 Armed Forces Occupations, Other Ranks

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBO PDDVQBUJPOT FNQMPZNFOU PG HPWFSONFOU FTUBCMJTINFOUT DPOEVDUJOH XIPMFTBMF BDUJWJUJFT
QPMJDF PUIFS UIBO NJMJUBSZ QPMJDF
DVTUPNT JOTQFDUPST BOE NFNCFST PG UIF SFHVMBS BSNFE GPSDFT PS PUIFS BSNFE D

Unit Group 0310

Armed Forces Occupations, Other Ranks

"SNFE GPSDFT PDDVQBUJPOT PUIFS SBOLT JODMVEFT JOEJWJEVBMT XIP BSF NFNCFST all conscripted and non-conscripted members of UIF BSNFE GPSDFT FYDFQU DPNNJTTJPOFE PGGJDFST 5IFZ BSF DMBTTJmFE XJUI PUIFS NJMJUBSZ UBTLT BOE PS QFSGPSN TJNJMBS UBTLT UP UIPTF QFSGPSNFE JO B WBSJFUZ PG DJWJMJBO PDDVQBUJPOT PUIFS UIBO NJMJUBSZ QPMJDF DVTUPNT JOTQFDUPST BOE NFNCFST PG UIF SFHVMBS BSNFE GPSDFT PS PUIFS BSNFE DJWJMJBO PDDVQB tions outside the armed forces.

Examples of the occupations classi ed here:

"JSNBO
Bombardier
Corporal (air force)
Corporal (army)
$PYTXBJO OBWZ
(VOOFS
*OGBOUSZNBO PS XPNBO JO UIF BSNFE GPSDFT
Paratrooper
3JGMFNBO PS XPNBO
Sapper
Soldier
Trooper

Excluded from this group are:
KPCT IFME CZ QFSTPOT JO DJWJMJBO PDDVQB
FNQMPZNFOU PG HPWFSONFOU FTUBC
DPOEVDUJOH XIJMF EFGFODF JTTVFT
QPMJDF PUIFS UIBO NJMJUBSZ QP
customs inspectors and members of
CPSEFS PS PUIFS BSNFE DJWJMJBO T

PART IV

CORRESPONDENCE WITH ISCO-88

CORRESPONDENCE TABLE: ISCO-08 TO ISCO-88

5IJT UBCMF TIPXT UIF DPSSFTQPOEFODF BDDPSEJOH **44$00 VQ
5IF MFUUFS iQw JT VTFE UP JOEJDBUF QPTUTFDPOEBSZ DPEFT
*4$0 HSPVQ $PNNFOUT BSF QSPWJEFE PO UIF XFCTJUF PG UIF
QBSUJBM DPSSFTQPOEFODF NBZ OPU CF TUSJDUMZ TZNNFUSJD

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Legislators	1111	1110	Legislators	
Senior Government Officials	1112	1120	4FOJPS (PWFSONFOU 0GGJDJBMT	
Traditional Chiefs and Heads of Villages	1113		5SBEJUJPOBM $IJFGT BOE)FBET PG Villages	
Senior Officials of Special-interest Organizations	1114		Senior Officials of Political-party Organisations Senior Officials of Employers , 8PSLFST BOE 0UIFS &DPOPNJD interest Organisations Senior Officials of Humanitarian BOE 0UIFS 4QFDJBM JOUFSFTU Organisations	
Managing Directors and Chief Executives	1120	1210	%JSFDUPST BOE $IJFG &YFDVUJWFT	
Finance Managers	1211		p 'JOBODF BOE "DDPVOUJOH PS %FQBSUNFOU .BOBHFST p (FOFSBM .BOBHFST PG #VTJOFTT BOE 4FSWJDFT	FTUBCMJTINFOUT QSPWJEJOH BDDPVOUJOH PS TJNJMBS TFSWJDFT
Human Resource Managers	1212		1FSTPOOFM BOE *OEVTUSJBM 3FMBUJPOT %FQBSUNFOU .BOBHFST p (FOFSBM .BOBHFST PG #VTJOFTT BOE 4FSWJDFT	FTUBCMJTINFOUT QSPWJEJOH IVNBO SFTPVSDF BOE SFDSVJUNFOU TFSWJDFT
Policy and Planning Managers	1213	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified 0UIFS %FQBSUNFOU .BOBHFST PG QMBOOJOH Not Elsewhere Classified	BOE QPMJDZ EFQBSUNFOUT in establishments other than those in public administration, compulsory social security, education, IFBMUI TPDJBM XPSL FYUSB territorial organizations BOE CPEJFT BOE SFDSFBUJPOB DVMUVSBM BOE TQPSUJOH BDUJWJUJFT BT EFGJOFE JO *4* 3FW
Business Services and Administration Managers Not Elsewhere Classified	1219	1227	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO #VTJOFTT 4FSWJDFT 1SPEVDUJPO BOE 0QFSBUJPOT TFSWJDFT BOE DMFB %FQBSUNFOU .BOBHFST JO Personal Care, Cleaning BOE 3FNBUFE 4FSWJDFT	#VTJOFTT 4FSWJDFT Department Managers

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Business Services and Administration Managers Not Elsewhere Classified		1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified	
			p 'JOBODF BOE "EN JOJTUSBUJPO EFQBSUNFOU %FQBSUNFOU .BOBHFST	JOJTUSBUJPO managers
			p (FOFSBM .BOBHFST PG #VTJOFTT 4FSWJDFT	
			(FOFSBM .BOBHFST JO $BSF $MFBOJOH BOE 4FSWJDFT	3FHJPOBM DPOUSBDU DMFBOJOH companies
Sales and Marketing Managers	1221		4BMFT BOE .BSLFUJOH %FQBSUNFOU .BOBHFST	
			p (FOFSBM .BOBHFST PG 4BMFT BOE .BSLFUJOH 4FSWJDFT	.BOBHFST JO TNBMM companies
Advertising and Public Relations Managers	1222		"EWFSUJTJOH BOE 1VCMJD 3FMBUJPOT %FQBSUNFOU .BOBHFST	
			p (FOFSBM .BOBHFST PG BEWFSUJTJOH 4FSWJDFT	.BOBHFST JO TNBMM BOE QVCMJD SFMBUJPOT companies
Research and Development Managers	1223		3FTFBSDI BOE %FWFMPQNFOU %FQBSUNFOU .BOBHFST	
			p (FOFSBM .BOBHFST /FU Elsewhere Classified	3FTFBSDI BOE EFWFMPQNFOU company managers
Agricultural and Forestry Production Managers	1311	1221	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
Aquaculture and Fisheries Production Managers	1312	1221	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
Manufacturing Managers	1321	1222	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO .BOVGBDUVSJOH	
			p (FOFSBM .BOBHFST JO .BOVGBDUVSJOH	
Mining Managers	1322	1222	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO .BOVGBDUVSJOH	
			p (FOFSBM .BOBHFST JO .BOVGBDUVSJOH	.BOBHFST PG TNBMM NJOJOH BOE RVBSSZJOH CVTJOFTTFT
Construction Managers	1323		p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO Construction	
			(FOFSBM .BOBHFST JO Construction	
Supply, Distribution and Related Managers	1324		p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO 5SBOTQPSU 4UPSBHF BOE $PNNVOJDBUJPOT	Production, station masters and transport, storage managers
			4VQQMZ BOE %JTUSJCVUJPO %FQBSUNFOU .BOBHFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Supply, Distribution and Related Managers			p (FOFSBM .BOBHFST JO 5SBOTQPSU 4UPSBHF BOE $PNNVOJDBUJPOT	
Information and Communications Technology Services Managers	1330		p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO 5SBOTQPSU 4UPSBHF BOE $PNNVOJDBUJPOT $PNQVUJOH 4FSWJDFT %FQBSUNFOU .BOBHFST p (FOFSBM .BOBHFST JO 5SBOTQPSU 4UPSBHF BOE $PNNVOJDBUJPOT p (FOFSBM .BOBHFST PG $PNQVUJOH 4FSWJDFT	5FMFDPNNVOJDBUJPOT department managers #SPBEDBTUJOH BOE UFMFDPNNVOJDBUJPOT companies
Child Care Services Managers	1341	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified p (FOFSBM .BOBHFST /PU Elsewhere Classified	
Health Services Managers	1342	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified p (FOFSBM .BOBHFST /PU Elsewhere Classified p /VSTJOH BOE .JEXJGFSZ Professionals	Hospital matrons and principal nursing officers
Aged Care Services Managers	1343	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified p (FOFSBM .BOBHFST /PU Elsewhere Classified p /VSTJOH BOE .JEXJGFSZ Professionals	#SJEHFPOT BOE QSJODJQBM nursing officers in aged care facilities
Social Welfare Managers	1344	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified p (FOFSBM .BOBHFST /PU Elsewhere Classified	
Education Managers	1345	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified p (FOFSBM .BOBHFST /PU Elsewhere Classified	
Financial and Insurance Services Branch Managers	1346	1227	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO #VTJOFTT 4FSWJDFT p (FOFSBM .BOBHFST PG #VTJOFTT 4FSWJDFT	
Professional Services Managers Not Elsewhere Classified	1349	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified p (FOFSBM .BOBHFST /PU Elsewhere Classified	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Hotel Managers	1411		p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO 3FTUBVSBOUT BOE)PUFMT	
			p (FOFSBM .BOBHFST PG 3FTUBVSBOUT BOE)PUFMT	
Restaurant Managers	1412		p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO 3FTUBVSBOUT BOE)PUFMT	
			p (FOFSBM .BOBHFST PG 3FTUBVSBOUT BOE)PUFMT	
Retail and Wholesale Trade Managers	1420		1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO 8IPMFTBMF BOE 3FUBJM 5SBEF	
			p (FOFSBM .BOBHFST JO 8IPMFTBMF BOE 3FUBJM 5SBEF	
Sports, Recreation and Cultural Centre Managers	1431		p (FOFSBM .BOBHFST /PU Elsewhere Classified	
Services Managers Not Elsewhere Classified	1439	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified	
			p (FOFSBM .BOBHFST /PU Elsewhere Classified	
Physicists and Astronomers	2111	2111	1IZTJDJTUT BOE "TUSPOPNFST	
Meteorologists	2112	2112	.FUFPSPMPHJTUT	
Chemists	2113		p Chemists	
Geologists and Geophysicists	2114		(FPMPHJTUT BOE (FPQIZTJDJTUT	
Mathematicians, Actuaries and Statisticians	2120	2121	.BUIFNBUJDJBOT BOE 3FMBUFE Professionals	
		2122	Statisticians	
Biologists, Botanists, Zoologists and Related Professionals	2131	2211	p Biologists, Botanists, Zoologists BOE 3FMBUFE 1SPGFTTJPOBMT	
		2212	p Pharmacologists, Pathologists BOE 3FMBUFE 1SPGFTTJPOBMT	Plant pathologists, pharmacologists
Farming, Forestry and Fisheries Advisers	2132		"HSPOPNJTUT BOE 3FMBUFE Professionals	
			'BSNJOH BOE 'PSFTUSZ "EWJTFST	
Environmental Protection Professionals	2133	2211	p Biologists, Botanists, Zoologists BOE 3FMBUFE 1SPGFTTJPOBMT	
Industrial and Production Engineers	2141		p "SDIJUFDUT &OHJOFFST BOE 3FMBUFE 1SPGFTTJPOBMT /PU Elsewhere Classified	
Civil Engineers	2142		$JWJM &OHJOFFST	
Environmental Engineers	2143		p "SDIJUFDUT &OHJOFFST BOE 3FMBUFE 1SPGFTTJPOBMT /PU Elsewhere Classified	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Mechanical Engineers	2144		.FDIBOJDBM &OHJOFFST	
Chemical Engineers	2145		Chemical Engineers	
Mining Engineers, Metallurgists and Related Professionals	2146		.JOJOH &OHJOFFST .FUBMMVSHJTUT BOE 3FMBUFE 1SPGFTTJPOBMT	
Engineering Professionals Not Elsewhere Classified	2149		p "SDIJUFDUT &OHJOFFST BOE 3FMBUFE 1SPGFTTJPOBMT /PU Elsewhere Classified	
Electrical Engineers	2151		Electrical Engineers	
Electronics Engineers	2152		p &MFDUSPOJDT BOE 5FMFDPN munications Engineers	
Telecommunications Engineers	2153		p Electronics BOE 5FMFDPNNVOJDBUJPOT Engineers	
Building Architects	2161		p "SDIJUFDUT 5PXO BOE 5SBGGJD Planners	
Landscape Architects	2162		p "SDIJUFDUT 5PXO BOE 5SBGGJD Planners	
Product and Garment Designers	2163		p %FDPSBUPST BOE $PNNFSDJBM %FTJHOFST	
Town and Traffic Planners	2164		p "SDIJUFDUT 5PXO BOE 5SBGGJD Planners	
Cartographers and Surveyors	2165		$BSUPHSBQIFST BOE 4VSWFZPST	
Graphic and Multimedia Designers	2166		p %FDPSBUPST BOE $PNNFSDJBM %FTJHOFST	
			p 4DVMQUPST 1BJOUFST BOE 3FMBUFE "SUJTUT	Commercial Artists
Generalist Medical Practitioners	2211	2221	p .FEJDBM %PDUPST	
Specialist Medical Practitioners	2212	2212	p Pharmacologists, Pathologists BOE 3FMBUFE 1SPGFTTJPOBMT	Histopathologists, endocrinologists, neuropathologists
		2221	p .FEJDBM %PDUPST	
Nursing Professionals	2221		p /VSTJOH BOE .JEXJGFSZ Professionals	
Midwifery Professionals	2222		p /VSTJOH BOE .JEXJGFSZ Professionals	
Traditional and Complementary Medicine Professionals	2230		p .PEFSO)FBMUI "TTPDJBUF 1SPGFTTJPOBMT FYDFQU /VSTJOH Not Elsewhere Classified	Homeopaths
			p 5SBEJUJPOBM .FEJDJOF Practitioners	
Paramedical Practitioners	2240		p .FEJDBM "TTJTUBOUT	
Veterinarians	2250	2212	p Pharmacologists, Pathologists BOE 3FMBUFE 1SPGFTTJPOBMT	"OJNBM BOE WFUFSJOBSZ pathologists
			Veterinarians	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Dentists	2261	2222	%FOUJTUT	
Pharmacists	2262		p Chemists	Industrial pharmacists, pharmaceutical chemists
			Pharmacists	
Environmental and Occupational Health and Hygiene Professionals	2263	2229	p)FBMUI 1SPGFTTJPOBMT FYDFQU Nursing) Not Elsewhere Classified	
			p 1FTUPOOFM BOE $BSFFST Professionals	
			p 4BGFUZ)FBMUI BOE 2VBMJUZ Inspectors	
			p Sanitarians	
Physiotherapists	2264		p 1IZTJPUIFSBQJTUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	
Dieticians and Nutritionists	2265		%JFUJDJBOT BOE /VUSJUJPOJTUT	
Audiologists and Speech Therapists	2266		p .PEFSO)FBMUI "TTPDJBUF 1SPGFTTJPOBMT FYDFQU /VSTJOH Not Elsewhere Classified	
Optometrists and Ophthalmic Opticians	2267		p 0QUPNFUSJTUT BOE 0QUJDJBOT	
			p .PEFSO)FBMUI "TTPDJBUF 1SPGFTTJPOBMT FYDFQU /VSTJOH Not Elsewhere Classified	Orthoptists
Health Professionals Not Elsewhere Classified	2269	2229	p)FBMUI 1SPGFTTJPOBMT FYDFQU Nursing) Not Elsewhere Classified	
			p 1IZTJPUIFSBQJTUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	Podiatrists, Chiropractors, Osteopaths, recreational therapists
			p .PEFSO)FBMUI "TTPDJBUF 1SPGFTTJPOBMT FYDFQU /VSTJOH Not Elsewhere Classified	Occupational therapists
University and Higher Education Teachers	2310		p $PMMFHF 6OJWFSTJUZ BOE)JHIFS &EVDBUJPO 5FBDIJOH Professionals	
Vocational Education Teachers	2320		p $PMMFHF 6OJWFSTJUZ BOE)JHIFS &EVDBUJPO 5FBDIJOH Professionals	
			p 4FDPOEBSZ &EVDBUJPO 5FBDIJOH Professionals	
Secondary Education Teachers	2330		p 4FDPOEBSZ &EVDBUJPO 5FBDIJOH Professionals	
Primary School Teachers	2341		1SJNBSZ &EVDBUJPO 5FBDIJOH Professionals	
			1SJNBSZ &EVDBUJPO 5FBDIJOH "TTPDJBUF 1SPGFTTJPOBMT	
Early Childhood Educators	2342		1SF QSJNBSZ &EVDBUJPO 5FBDIJOH Professionals	
			1SF QSJNBSZ &EVDBUJPO 5FBDIJOH "TTPDJBUF 1SPGFTTJPOBMT	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Education Methods Specialists	2351		&EVDBUJPO .FUIPET 4QFDJBMJTUT School Inspectors	
Special Needs Teachers	2352		4QFDJBM &EVDBUJPO 5FBDIJOH Professionals 4QFDJBM &EVDBUJPO 5FBDIJOH "TTPDJBUF 1SPGFTTJPOBMT	
Other Language Teachers	2353		p 0UIFS 5FBDIJOH 1SPGFTTJPOBMT Not Elsewhere Classified p 0UIFS 5FBDIJOH "TTPDJBUF Professionals	
Other Music Teachers	2354		p 0UIFS 5FBDIJOH 1SPGFTTJPOBMT Not Elsewhere Classified	
Other Arts Teachers	2355		p 0UIFS 5FBDIJOH 1SPGFTTJPOBMT Not Elsewhere Classified p 0UIFS 5FBDIJOH "TTPDJBUF Professionals	
Information Technology Trainers	2356		p 0UIFS 5FBDIJOH 1SPGFTTJPOBMT Not Elsewhere Classified p 0UIFS 5FBDIJOH "TTPDJBUF Professionals	
Teaching Professionals Not Elsewhere Classified	2359		p 0UIFS 5FBDIJOH 1SPGFTTJPOBMT Not Elsewhere Classified p 0UIFS 5FBDIJOH "TTPDJBUF Professionals	
Accountants	2411		p "DDPVOUBOUT	
Financial and Investment Advisers	2412		p "DDPVOUBOUT p Business Professionals Not Elsewhere Classified p 4FDVSJUJFT BOE 'JOBODF %FBMFST BOE #SPLFST	
Financial Analysts	2413		p Business Professionals Not Elsewhere Classified	
Management and Organization Analysts	2421		p Business Professionals Not Elsewhere Classified	
Policy Administration Professionals	2422		p Business Professionals Not Elsewhere Classified	
Personnel and Careers Professionals	2423		p 1FSTPOOFM BOE $BSFFST Professionals	
Training and Staff Development Professionals	2424		p 1FSTPOOFM BOE $BSFFST Professionals	
Advertising and Marketing Professionals	2431		p Business Professionals Not Elsewhere Classified p "VUIPST +PVSOBMJTUT"UIFSXJTFDMBTTJGJFE DPQZ XSJUFST Writers	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Public Relations Professionals	2432		p Business Professionals Not Elsewhere Classified	
			p "VUIPST +PVSOBMJTUT Public Relations Officers Writers	
Technical and Medical Sales Professionals (excluding ICT)	2433		p 5FDIOJDBM BOE $PNNFSDJBM 4BMFT 3FQSFTFOUBUJWFT	
Information and Communications Technology Sales Professionals	2434		p 5FDIOJDBM BOE $PNNFSDJBM 4BMFT 3FQSFTFOUBUJWFT	
Systems Analysts	2511		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
Software Developers	2512		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
Web and Multimedia Developers	2513		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
			p Computer Programmers	
			p Computing Professionals Not Elsewhere Classified	
Applications Programmers	2514		p Computer Programmers	
Software and Applications Developers and Analysts Not Elsewhere Classified	2519		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
			p Computer Programmers	
			p Computing Professionals Not Elsewhere Classified	
Database Designers and Administrators	2521		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
Systems Administrators	2522		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
Computer Network Professionals	2523		p $PNQVUFS 4ZTUFNT %FTJHOFST BOE "OBMZTUT	
			p Computer Programmers	Communications programmers
Database and Network Professionals Not Elsewhere Classified	2529		p Computing Professionals Not Elsewhere Classified	
Lawyers	2611		Lawyers	
Judges	2612		Judges	
Legal Professionals Not Elsewhere Classified	2619		Legal Professionals Not Elsewhere Classified	
Archivists and Curators	2621		"SDIJWJTUT BOE $VSBUPST	
Librarians and Related Information Professionals	2622		-JCSBSJBOT BOE 3FMBUFE Information Professionals	
Economists	2631		Economists	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Sociologists, Anthropologists and Related Professionals	2632		4PDJPMPHJTUT "OUISPQPMPHJTUT BOE 3FMBUFE 1SPGFTTJPOBMT	
Philosophers, Historians and Political Scientists	2633		Philosophers, Historians BOE 1PMJUJDBM 4DJFOUJTUT	
Psychologists	2634		Psychologists	
Social Work and Counselling Professionals	2635		Social Work Professionals	
Religious Professionals	2636		Religious Professionals	
Authors and Related Writers	2641		p "VUIPST +PVSOBMJTUT BOE 0UIFS Writers	
Journalists	2642		p "VUIPST +PVSOBMJTUT BOE 0UIFS Writers	
			p 3BEJP 5FMFWJTJPO .FEJB0UIFS "OOPVODFST	
Translators, Interpreters and Other Linguists	2643		1IJMPMPHJTUT 5SBOTMBUPST BOE *OUFSQSFUFST	
Visual Artists	2651		p 4DVMQUPST 1BJOUFST BOE 3FMBUFE "SUJTUT	
Musicians, Singers and Composers	2652		$PNQPTFST .VTJDJBOT BOE 4JOHFST	
			p 4UFFU /JHIU DMVC BOE 3FMBUFE .VTJDJBOT 4JOHFST BOE %BODFST	
Dancers and Choreographers	2653		$IPSFPHSBQIFST BOE %BODFST	
			p 4UFFU /JHIU DMVC BOE 3FMBUFE .VTJDJBOT 4JOHFST BOE %BODFST	
Film, Stage and Related Directors and Producers	2654	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified	
			p 'JMN 4UBHF BOE 3FMBUFE "DUPST BOE %JSFDUPST	
Actors	2655		p 'JMN 4UBHF BOE 3FMBUFE "DUPST BOE %JSFDUPST	
Announcers on Radio, Television and Other Media	2656		p 3BEJP 5FMFWJTJPO BOE 0UIFS "OOPVODFST	
Creative and Performing Artists Not Elsewhere Classified	2659		p $MPXOT .BHJDJBOT "DSPCBUT BOE 3FMBUFE "TTPDJBUF Professionals	
Chemical and Physical Science Technicians	3111		$IFNJDBM BOE 1IZTJDBM 4DJFODF 5FDIOJDJBOT	
Civil Engineering Technicians	3112		$JWJM &OHJOFFSJOH 5FDIOJDJBOT	
			p #VJMEJOH BOE 'JSF *OTQFDUPST	
Electrical Engineering Technicians	3113		Electrical Engineering 5FDIOJDJBOT	
			p 4BGFUZ)FBMUI BOE Quality Inspectors	Quality Inspectors (electrical products)

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Electronics Engineering Technicians	3114		p Electronics BOE 5FMFDPNNVOJDBUJPOT &OHJOFFSJOH 5FDIOJDJBOT	
			p 4BGFUZ)FBMUI BOE Quality Inspectors	2VBMJUZ JOTQFDUPST (electronic products)
Mechanical Engineering Technicians	3115		.FDIBOJDBM &OHJOFFSJOH 5FDIOJDJBOT	
			p 4BGFUZ)FBMUI BOE Vehicle Inspectors,	7FIJDMF JOTQFDUPST NFDIBOJDBM QSPEVDUT RVBMJU BOE TBGFUZ JOTQFDUPST
Chemical Engineering Technicians	3116		p Chemical Engineering 5FDIOJDJBOT	
Mining and Metallurgical Technicians	3117		.JOJOH BOE .FUBMMVSHJDBM 5FDIOJDJBOT	
			p 4BGFUZ)FBMUI BOE Inspectors	.JOJOH TBGFUZ JOTQFDUPST
Draughtspersons	3118		%SBVHIUTQFSTPOT	
Physical and Engineering Science Technicians Not Elsewhere Classified	3119		1IZTJDBM BOE &OHJOFFSJOH 4DJFODF 5FDIOJDJBOT /PU Elsewhere Classified	
			p #VJMEJOH BOE 'JSF *OTQFDUPST	'JSF JOWFTUJH
Mining Supervisors	3121	7111	p .JOFST BOE 2VBSSZ 8PSLFST	
			p .JOJOH QMBOU 0QFSBUPST	
Manufacturing Supervisors	3122		p "VUPNBUFE BTTFNCMZ MJOF Operators	
			p Industrial-robot Operators	
			p .BDIJOF UPPM 0QFSBUPST	
			p 1IBSNBDFVUJDBM BOE 5PJMFUSZ QSPEVDUT .BDIJOF 0QFSBUPST	
			p "NNVOJUJPO BOE &YQMPTJWF QSPEVDUT .BDIJOF 0QFSBUPST	
			p .FUBM 'JOJTIJOH 1MBUJOH BOE $PBUJOH NBDIJOF 0QFSBUPST	
			p 1IPUPHSBQIJD QSPEVDUT .BDIJOF Operators	
			p $IFNJDBM QSPEVDUT .BDIJOF Operators Not Elsewhere Classified	
			p 3VCCFS QSPEVDUT .BDIJOF Operators	
			p 1MBTUJD QSPEVDUT .BDIJOF Operators	
			p 8PPE QSPEVDUT .BDIJOF Operators	
			p Printing-machine Operators	
			p Bookbinding-machine Operators	
			p 1BQFS QSPEVDUT .BDIJOF Operators	
			p Fibre-preparing-, Spinning- BOE 8JOEJOH NBDIJOF 0QFSBUPST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Manufacturing Supervisors			p 8FBWJOH BOE ,OJUUJOH NBDIJOF Operators	
			p Sewing-machine Operators	
			p #MFBDIJOH %ZFJOH BOE $MFBOJOH NBDIJOF Operators	
			p 'VS BOE -FBUIFS QSFQBSJOH machine Operators	
			p 4IPFNBLJOH BOE 3FMBUFE .BDIJOF 0QFSBUPST	
			p 5FYUJMF 'VS BOE -FBUIFS QSPEVDUT .BDIJOF 0QFSBUPST Not Elsewhere Classified	
			p .FBU BOE 'JTI QSPDFTTJOH machine Operators	
			p %BJSZ QSPEVDUT .BDIJOF Operators	
			p (SBJO BOE 4QJDF NJMMJOH machine Operators	
			p Baked-goods, Cereal BOE $IPDPMBUF QSPEVDUT .BDIJOF 0QFSBUPST	
			p 'SVJU 7FHFUBCMF BOE /VU processing-machine Operators	
			p 4VHBS 1SPEVDUJPO .BDIJOF Operators	
			p 5FB $PGGFF BOE $PDPB processing-machine Operators	
			p #SFXFST 8JOF BOE 0UIFS #FWFSBHF .BDIJOF 0QFSBUPST	
			p 5PCBDDP 1SPEVDUJPO .BDIJOF Operators	
			p .FDIBOJDBM NBDIJOFSZ "TTFNCMFST	
			p &MFDUSJDBM FRVJQNFOU "TTFNCMFST	
			p &MFDUSPOJD FRVJQNFOU "TTFNCMFST	
			p .FUBM 3VCCFS BOE 1MBTUJD QSPEVDUT "TTFNCMFST	
			p 8PPE BOE 3FMBUFE 1SPEVDUT "TTFNCMFST	
			p 1BQFSCPBSE 5FYUJMF BOE 3FMBUFE 1SPEVDUT "TTFNCMFST	
			p 0UIFS .BDIJOF 0QFSBUPST BOE "TTFNCMFST	
Construction Supervisors	3123		p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST JO Construction	
		7129	p #VJMEJOH 'SBNF BOE 3FMBUFE 5SBEFT 8PSLFST /PU &MTFXIFSF Classified	
Power Production Plant Operators	3131		Power-production Plant Operators	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Incinerator and Water Treatment Plant Operators	3132		Incinerator, Water-treatment BOE 3FMBUFE 1MBOU 0QFSBUPST	
Chemical Processing Plant Controllers	3133	p	Chemical Engineering 5FDIOJDJBOT	Chemical process technicians
		p	Chemical-heat-treating-plant Operators	
		p	Chemical-filtering- BOE 4FQBSBUJOH FRVJQNFOU Operators	
		p	$IFNJDBM TUJMM BOE 3FBDUPS 0QFSBUPST FYDFQU 1FUSPMFVN BOE /BUVSBM (BT	
		p	Chemical-processing-plant Operators Not Elsewhere Classified	
Petroleum and Natural Gas Refining Plant Operators	3134	p	1FUSPMFVN BOE /BUVSBM HBT refining-plant Operators	
Metal Production Process Controllers	3135	p	0SF BOE .FUBM 'VSOBDF Operators	
		p	.FUBM .FMUFST $BTUFST BOE 3PMMJOH NJMM 0QFSBUPST	
		p	.FUBM IFBU USFBUJOH QMBOU Operators	
		p	.FUBM %SBXFST BOE &YUSVEFST	
Process Control Technicians Not Elsewhere Classified	3139		Industrial Robot Controllers	
		p	Paper-pulp Plant Operators	
		p	Papermaking-plant Operators	
		p	"VUPNBUFE BTTFNCMZ MJOF Operators	
		p	Industrial-robot Operators	
Life Science Technicians (excluding Medical)	3141	p	-JGF 4DJFODF 5FDIOJDJBOT	
Agricultural Technicians	3142	p	"HSPOPNZ BOE 'PSFTUSZ 5FDIOJDJBOT	
Forestry Technicians	3143	p	"HSPOPNZ BOE 'PSFTUSZ 5FDIOJDJBOT	
Ships Engineers	3151		Ships Engineers	
Ships Deck Officers and Pilots	3152		4IJQT %FDL 0GGJDFST BOE 1JMPUT	
Aircraft Pilots and Related Associate Professionals	3153		"JSDSBGU 1JMPUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	
		p	0UIFS 5FBDIJOH "TTPDJBUF Professionals	Flying Instructors
Air Traffic Controllers	3154		"JS 5SBGGJD $POUSPMMFST	
Air Traffic Safety Electronics Technicians	3155		"JS 5SBGGJD 4BGFUZ 5FDIOJDJBOT	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Medical Imaging and Therapeutic Equipment Technicians	3211		.FEJDBM &RVJQNFOU 0QFSBUPST	
Medical and Pathology Laboratory Technicians	3212		p -JGF 4DJFODF 5FDIOJDJBOT	
Pharmaceutical Technicians and Assistants	3213		1IBSNBDFVUJDBM "TTJTUBOUT	
Medical and Dental Prosthetic Technicians	3214		p 1IZTJPUIFSBQJTUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT p 1SFDJTJPO JOTUSVNFOU .BLFST BOE 3FQBJSFST	Prosthetic Technicians, Prosthetists
Nursing Associate Professionals	3221		p /VSTJOH BOE .JEXJGFSZ Professionals /VSTJOH "TTPDJBUF 1SPGFTTJPOBMT	
Midwifery Associate Professionals	3222		p /VSTJOH BOE .JEXJGFSZ Professionals .JEXJGFSZ "TTPDJBUF Professionals	
Traditional and Complementary Medicine Associate Professionals	3230		p 5SBEJUJPOBM .FEJDJOF Practitioners	
Veterinary Technicians and Assistants	3240		7FUFSJOBSZ "TTJTUBOUT	
Dental Assistants and Therapists	3251		%FOUBM "TTJTUBOUT	
Medical Records and Health Information Technicians	3252		p Coding, Proof-reading BOE 3FMBUFE $MFSLT	
Community Health Workers	3253		p .FEJDBM "TTJTUBOUT	
Dispensing Opticians	3254		p 0QUPNFUSJTUT BOE 0QUJDJBOT	
Physiotherapy Technicians and Assistants	3255		p 1IZTJPUIFSBQJTUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	
Medical Assistants	3256		p .FEJDBM "TTJTUBOUT	
Environmental and Occupational Health Inspectors and Associates	3257		p 4BGFUZ)FBMUI BOE 2VBMJUZ Inspectors p Sanitarians	
Ambulance Workers	3258		p Institution-based Personal Care Workers	
Health Associate Professionals Not Elsewhere Classified	3259		p .PEFSO)FBMUI "TTPDJBUF 1SPGFTTJPOBMT FYDFQU /VSTJOH Not Elsewhere Classified	
Securities and Finance Dealers and Brokers	3311		p 4FDVSJUJFT BOE 'JOBODF %FBMFSST BOE #SPLFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Credit and Loans Officers	3312		p 'JOBODF BOE 4BMFT"MTUIPDVHBU*4$0 Professionals Not Elsewhere Classified	JT the only correspondence MJTUFE GPS *4$0 PUIFS QPTTJCJMJUJFT TVDI BT NBZ CF DPOTJEFSFE BT JT B residual group.
Accounting Associate Professionals	3313		Bookkeepers	
			p 4UBUJTUJDBM .BUIF'NDBUJDBMJOH BTTJTUBOUT BOE 3FMBUFE "TTPDJBUF Professionals	
Statistical, Mathematical and Related Associate Professionals	3314		p 4UBUJTUJDBM .BUIFNBUJDBM BOE 3FMBUFE "TTPDJBUF Professionals	
Valuers and Loss Assessors	3315		p "QQSBJTFST 7BMVFST BOE "VDUJPOFFST	
Insurance Representatives	3321		*OTVSBODF 3FQSFTFOUBUJWFT	
Commercial Sales Representatives	3322		p 5FDIOJDBM BOE $PNNFSDJBM 4BMFT 3FQSFTFOUBUJWFT	
Buyers	3323		Buyers	
Trade Brokers	3324		5SBEF #SPLFST	
Clearing and Forwarding Agents	3331		$MFBSJOH BOE 'PSXBSEJOH "HFOUT	
Conference and Event Planners	3332		p "ENJOJTUSBUJWF "TTPDJBUF Professionals Not Elsewhere Classified	
Employment Agents and Contractors	3333		&NQMPZNFOU "HFOUT BOE -BCPVS Contractors	
Real Estate Agents and Property Managers	3334		&TUBUF "HFOUT	
Business Services Agents Not Elsewhere Classified	3339		p Business Professionals Not Elsewhere Classified	Patent agents
			p 5SBWFM $POTVMUBOU5PVS PQFSBUPST BOE 0SHBOJTFST	
			p "QQSBJTFST 7BMVFS5VDUJPOFFST BOE "VDUJPOFFST	
			p #VTJOFTT 4FSWJDF"HFOUT, musical, sports BOE 5SBEF #SPLFST BOE UIFBUSJDBM BHFOUT Elsewhere Classified	Literary
Office Supervisors	3341		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p "ENJOJTUSBUJWF "TTPDJBUF Professionals Not Elsewhere Classified	Office managers, office administrators, clerical TVQFSWJTPST
			p 4UFOPHSBQIFST BOE 5ZQJTUT	
			p 8PSE QSPDFTTPS BOE 3FMBUFE Operators	
			p %BUB &OUSZ 0QFSBUPST	
			p Calculating-machine Operators	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Office Supervisors			p Secretaries	
			p "DDPVOUJOH BOE #PPLLFFQJOH Clerks	
			p 4UBUJTUJDBM BOE 'JOBODF $MFSLT	
			p Stock Clerks	
			p Production Clerks	
			p 5SBOTQPSU $MFSLT	
			p -JCSBSZ BOE 'JMJOH $MFSLT	
			p .BJM $BSSJFST BOE 4PSUJOH $MFSLT	
			p Coding, Proof-reading BOE 3FMBUFE $MFSLT	
			p Other Office Clerks	
			p 3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	
			p 5FMFQIPOF 4XJUDICPBSE Operators	
Legal Secretaries	3342		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p Secretaries	
Administrative and Executive Secretaries	3343		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p "ENJOJTUSBUJWF "TTPDJBUF Professionals Not Elsewhere Classified	&YFDVUJWF TFDSFUBSJFT UP HPWFSONFOU EFQBSUNFOU IFBE BOE PGGJDJBM DPNNJUUFFT
Medical Secretaries	3344		p "ENJOJTUSBUJWF 4FDSFUBSJFT BOE 3FMBUFE "TTPDJBUF Professionals	
			p Secretaries	
Customs and Border Inspectors	3351		$VTUPNT BOE #PSEFS *OTQFDUPST	
Government Tax and Excise Officials	3352		(PWFSONFOU 5BY BOE &YDJTF Officials	
Government Social Benefits Officials	3353		(PWFSONFOU 4PDJBM #FOFGJUT Officials	
Government Licensing Officials	3354		(PWFSONFOU -JDFOTJOH 0GGJDJBMT	
Police Inspectors and Detectives	3355		p 1PMJDF *OTQFDUPST BOE %FUFDUJWFT	
Government Regulatory Associate Professionals Not Elsewhere Classified	3359		p "ENJOJTUSBUJWF "TTPDJBUF Professionals Not Elsewhere Classified	TEPNJOJTUSBUJWF DPOTVMBS officials
			$VTUPNT 5BY BOE 3FMBUFE (PWFSONFOU "TTPDJBUF Professionals Not Elsewhere Classified	
Legal and Related Associate Professionals	3411		-FHBM BOE 3FMBUFE #VTJOFTT "TTPDJBUF 1SPGFTTJPOBMT	
			p 1PMJDF *OTQFDUPST BOE %FUFDUJWFT	1SJWBUF JOBOE EFUFDUJWFT TUPSF EFUFD

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Social Work Associate Professionals	3412		4PDJBM 8PSL "TTPDJBUF Professionals	
Religious Associate Professionals	3413		Faith Healers	
			3FMJHJPVT "TTPDJBUF Professionals	
Athletes and Sports Players	3421		p "UIMFUFT 4QPSUTQFSTPOT BOE 3FMBUFE "TTPDJBUF Professionals	
Sports Coaches, Instructors and Officials	3422		p "UIMFUFT 4QPSUTQFSTPOT BOE 3FMBUFE "TTPDJBUF Professionals	
Fitness and Recreation Instructors and Programme Leaders	3423		p 0UIFS 5FBDIJOH "TTPDJBUF Professionals	Sailing instructors, VOEFSXBUFS EJWJOH JOTUSVDU
			p "UIMFUFT 4QPSUTQFSTPOT BOE 3FMBUFE "TTPDJBUF Professionals	
Photographers	3431		p 1IPUPHSBQIFST BOE *NBHF BOE 4PVOE 3FDPSEJOH &RVJQNFOU 0QFSBUPST	
Interior Designers and Decorators	3432		p %FDPSBUPST BOE $PNNFSDJBM %FTJHOFST	
Gallery, Museum and Library Technicians	3433		p "FOJOJTUSBUJWF "TTPDJBUF Professionals Not Elsewhere Classified	Library assistants
			p %FDPSBUPST BOE $PNNFSDJBM %FTJHOFST	Window dressers, exhibition technicians
Chefs	3434		p Cooks	
Other Artistic and Cultural Associate Professionals	3435	1229	p 1SPEVDUJPO BOE 0QFSBUJPOT %FQBSUNFOU .BOBHFST /PU Elsewhere Classified	Stage managers
			p %FDPSBUPST BOE $PNNFSDJBM %FTJHOFST	Set designers
			p $MPXOT .BHJDJBOT BOE 3FMBUFE "TTPDJBUF Professionals	Stunt performers, walkers performing arts support occupations classified in *4$0 NBZ IBWF CFFO DMBTTJGJFE JO *4$0
Information and Communications Technology Operations Technicians	3511		$PNQVUFS &RVJQNFOU 0QFSBUPST	
Information and Communications Technology User Support Technicians	3512		p $PNQVUFS "TTJTUBOUT	
Computer Network and Systems Technicians	3513		p $PNQVUFS "TTJTUBOUT	
Web Technicians	3514		p $PNQVUFS "TTJTUBOUT	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Broadcasting and Audiovisual Technicians	3521		p 1IPUPHSBQIFST BOE *NBHF BOE 4PVOE 3FDPSEJOH &RVJQNFOU 0QFSBUPST p Broadcasting BOE 5FMFDPNNVOJDBUJPOT &RVJQNFOU 0QFSBUPST	
Telecommunications Engineering Technicians	3522		p Electronics BOE 5FMFDPNNVOJDBUJPOT &OHJOFFSJOH 5FDIOJDJBOT p Broadcasting BOE 5FMFDPNNVOJDBUJPOT &RVJQNFOU 0QFSBUPST	5FMFDPNNVOJDBUJPOT BRVJQNFOU PQFSBUPST
General Office Clerks	4110		p Other Office Clerks	
Secretaries (general)	4120		p Secretaries	
Typists and Word Processing Operators	4131		p 4UFOPHSBQIFST BOE 5ZQJTUT p 8PSE QSPDFTTPS BOE 3FMBUFE Operators	
Data Entry Clerks	4132		p %BUB &OUSZ 0QFSBUPST p Calculating-machine Operators	
Bank Tellers and Related Clerks	4211		p $BTIJFST BOE 5JDLFU Bank Tellers 5FMMFST BOE 0UIFS $PVOUFS $MFSLT	/PUF UIBU UIF DPEFE "TTJTUBOU CBOL UP -FHBM BOE 3FMBUFE #VTJOFTT "TTPDJBUF 1SPGFTTJPOBMT
Bookmakers, Croupiers and Related Gaming Workers	4212		p $BTIJFST BOE 5JDLFU Clerk, bookmaking coded to JO *4$0 JOEFY #PPLNBLFST BOE $SPVQJFST	
Pawnbrokers and Money-lenders	4213		1BXOCSPLFST BOE .POFZ MFOEFST	
Debt Collectors and Related Workers	4214		%FCU DPMMFDUPST BOE 3FMBUFE Workers	
Travel Consultants and Clerks	4221		p 5SBWFM $POTVMUBOUT BOE 0SHBOJTFST 5SBWFM "HFODZ BOE 3FMBUFE Clerks p 5SBWFM "UUFOEBOUT BOE 5SBWFM JO BUUFOEBOUT Stewards	
Contact Centre Information Clerks	4222		p 3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	
Telephone Switchboard Operators	4223		p 5FMFQIPOF 4XJUDICPBSE Operators	
Hotel Receptionists	4224		p 3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	
Inquiry Clerks	4225		p 3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	
Receptionists (general)	4226		p 3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	

ISCO-08 title	ISCO-08 Code	ISCO-88 code		ISCO-88 title	Comments
Survey and Market Research Interviewers	4227		p	Other Office Clerks	
Client Information Workers Not Elsewhere Classified	4229		p	3FDFQUJPOJTUT BOE *OGPSNBUJPO Clerks	
Accounting and Bookkeeping Clerks	4311		p	"DDPVOUJOH BOE #PPLLFFQJOH Clerks	
Statistical, Finance and Insurance Clerks	4312		p	4UBUJTUJDBM BOE 'JOBODF $MFSLT	$POTJEFS *4$ OBUJPOBM DPOUFYUT *4$0 JOEFY JODMVEFE CSPLFST BTTJTUBOUT BOE JOTVSBODF DMBJNT BEKVTUNFOU BOE QPM assistants there.
Payroll Clerks	4313		p	"DDPVOUJOH BOE #PPLLFFQJOH Clerks	
Stock Clerks	4321		p	Stock Clerks	
Production Clerks	4322		p	Production Clerks	
Transport Clerks	4323		p	5SBOTQPSU $MFSLT	
Library Clerks	4411		p	-JCSBSZ BOE 'JMJOH $MFSLT	
Mail Carriers and Sorting Clerks	4412		p	.BJM $BSSJFST BOE 4PSUJOH $MFSLT	
Coding, Proofreading and Related Clerks	4413		p	Coding, Proof-reading BOE 3FMBUFE $MFSLT	
Scribes and Related Workers	4414		p	4DSJCFT BOE 3FMBUFE 8PSLFST	
Filing and Copying Clerks	4415		p	-JCSBSZ BOE 'JMJOH $MFSLT	
Personnel Clerks	4416		p	Other Office Clerks	
Clerical Support Workers Not Elsewhere Classified	4419		p	Other Office Clerks	
Travel Attendants and Travel Stewards	5111		p	5SBWFM "UUFOEBOUT BOE 5SBWFM Stewards	
Transport Conductors	5112			5SBOTQPSU $POEVDUPST	
Travel Guides	5113			5SBWFM (VJEFT	
Cooks	5120		p	Cooks	
Waiters	5131		p	Waiters, Waitresses BOE #BSUFOEFST	
Bartenders	5132		p	Waiters, Waitresses BOE #BSUFOEFST	
Hairdressers	5141		p	Hairdressers, Barbers, #FBVUJDJBOT BOE 3FMBUFE 8PSLFST	
Beauticians and Related Workers	5142		p	Hairdressers, Barbers, #FBVUJDJBOT BOE 3FMBUFE 8PSLFST	
Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments	5151		p	)PVTFLFFQFST BOE 3FMBUFE Workers	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Domestic Housekeepers	5152		p)PVTFLFFQFST BOE 3FMBUFE Workers	
Building Caretakers	5153		Building Caretakers	
Astrologers, Fortune-tellers and Related Workers	5161		"TUSPMPHFST BOE 3FMBUFE 8PSLFST	
			Fortune-tellers, Palmists BOE 3FMBUFE 8PSLFST	
Companions and Valets	5162		$PNQBOJPOT BOE 7BMFUT	
Undertakers and Embalmers	5163		6OEFSUBLFST BOE &NCBMNFST	
Pet Groomers and Animal Care Workers	5164		p 1FSTPOBM $BSF BOE 3FMBUFE 8PSLFST Veterinary aides Workers Not Elsewhere Classified	
			p .BSLFU PSJFOUFE "OJNBM 1SPEVDFST BOE 3FMBUFE 8PSLFST Not Elsewhere Classified	
Driving Instructors	5165		p 0UIFS 5FBDIJOH "TTPDJBUF Professionals	
Personal Services Workers Not Elsewhere Classified	5169		0UIFS 1FSTPOBM 4FSWJDFT 8PSLFST Not Elsewhere Classified	
Stall and Market Salespersons	5211		p 4UBMM BOE .BSLFU 4BMFTQFSTPOT	
Street Food Salespersons	5212	9111	Street Food Vendors	
Shopkeepers	5221		p (FOFSBM .BOBHFST JO 8IPMFTBMF BOE 3FUBJM 5SBEF	
Shop Supervisors	5222		p Shop Salespersons BOE %FNPOTUSBUPST	
Shop Sales Assistants	5223		p Shop Salespersons BOE %FNPOTUSBUPST	
Cashiers and Ticket Clerks	5230		p $BTIJFST BOE 5JDLFU $MFSLT	
Fashion and Other Models	5241		'BTIJPO BOE 0UIFS .PEFMT	
Sales Demonstrators	5242		p Shop Salespersons BOE %FNPOTUSBUPST	
Door-to-door Salespersons	5243		p %PPS UP EPPS BOE 5FMFQIPOF Salespersons	
Contact Centre Salespersons	5244		p %PPS UP EPPS BOE 5FMFQIPOF Salespersons	
Service Station Attendants	5245		p Shop Salespersons BOE %FNPOTUSBUPST	
Food Service Counter Attendants	5246		p Shop Salespersons BOE %FNPOTUSBUPST	
			p 4UBMM BOE .BSLFU 4BMFTQFSTPOT	
Sales Workers Not Elsewhere Classified	5249		p Shop Salespersons BOE %FNPOTUSBUPST	Rental salespersons

ISCO-08 title	ISCO-08 Code	ISCO-88 code		ISCO-88 title	Comments
Child Care Workers	5311		p	Child-care Workers	
Teachers Aides	5312		p	Child-care Workers	
Health Care Assistants	5321		p	Institution-based Personal Care Workers	
Home-based Personal Care Workers	5322			Home-based Personal Care Workers	
Personal Care Workers in Health Services Not Elsewhere Classified	5329		p	Institution-based Personal Care Workers	Hospital orderlies, medical imaging assistants, dental aides
			p	1FSTPOBM $BSF BOE 3FMBUFE Workers Not Elsewhere Classified	
Firefighters	5411			Fire-fighters	
Police Officers	5412			Police Officers	
Prison Guards	5413			1SJTPO (VBSET	
Security Guards	5414		p	1SPUFDUJWF 4FSWJDFT 8PSLFST /PU Elsewhere Classified	
			p	%PPSLFFQFST 8BUDIQFSTPOT BOE 3FMBUFE 8PSLFST	
Protective Services Workers Not Elsewhere Classified	5419		p	1SPUFDUJWF 4FSWJDFT 8PSLFST /PU Elsewhere Classified	
Field Crop and Vegetable Growers	6111		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				'JFME $SPQ BOE 7FHFUBCMF (SPXFST	
Tree and Shrub Crop Growers	6112		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				5SFF BOE 4ISVC $SPQ (SPXFST	
Gardeners; Horticultural and Nursery Growers	6113		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
			p	(BSEFOFST)PSUJDVMUVSBM BOE /VSTFSZ (SPXFST	
Mixed Crop Growers	6114		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				.JYFE DSPQ (SPXFST	
Livestock and Dairy Producers	6121		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				%BJSZ BOE -JWFTUPDL 1SPEVDFST	
			p	.JYFE BOJNBM 1SPEVDFST	
Poultry Producers	6122		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				Poultry Producers	
			p	.JYFE BOJNBM 1SPEVDFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code		ISCO-88 title	Comments
Apiarists and Sericulturists	6123			"QJBSJTUT BOE 4FSJDVMUVSJTUT	
			p	.JYFE BOJNBM 1SPEVDFST	
Animal Producers Not Elsewhere Classified	6129		p	.BSLFU PSJFOUFE "OJNBM 1SPEVDFST BOE 3FMBUFE 8PSLFST	Not Elsewhere Classified
Mixed Crop and Animal Producers	6130		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				.BSLFU PSJFOUFE $SPQ BOE "OJNBM 1SPEVDFST	
Forestry and Related Workers	6210		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				'PSFTUSZ 8PSLFST BOE -PHHFST	
				$IBSDPBM #VSOFST BOE 3FMBUFE Workers	
Aquaculture Workers	6221		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				"RVBUJD MJGF $VMUJWBUJPO 8PSLFST	
Inland and Coastal Waters Fishery Workers	6222		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
			p	*OMBOE BOE $PBTUBM 8BUFST Fishery Workers	
Deep-sea Fishery Workers	6223		p	(FOFSBM .BOBHFST JO "HSJDVMUVSF)VOUJOH 'PSFTUSZ BOE 'JTIJOH	
				%FFQ TFB 'JTIFSZ 8PSLFST	
Hunters and Trappers	6224			)VOUFST BOE 5SBQQFST	
Subsistence Crop Farmers	6310		p	4VCTJTUFODF "HSJDVMUVSBM BOE 'JTIFSZ 8PSLFST	
Subsistence Livestock Farmers	6320		p	4VCTJTUFODF "HSJDVMUVSBM BOE 'JTIFSZ 8PSLFST	
Subsistence Mixed Crop and Livestock Farmers	6330		p	4VCTJTUFODF "HSJDVMUVSBM BOE 'JTIFSZ 8PSLFST	
Subsistence Fishers, Hunters, Trappers and Gatherers	6340		p	4VCTJTUFODF "HSJDVMUVSBM BOE 'JTIFSZ 8PSLFST	
House Builders	7111	7121		#VJMEFST 5SBEJUJPOBM .BUFSJBMT	
		7129	p	#VJMEJOH 'SBNF BOE 3FMBUFE 5SBEFT 8PSLFST /PU Elsewhere Classified	House builders not using traditional materials
Bricklayers and Related Workers	7112	7122	p	#SJDLMBZFST BOE 4UPOFNBTPOT	
Stonemasons, Stone Cutters, Splitters and Carvers	7113			Stone Splitters, Cutters BOE $BSWFST	
		7122	p	#SJDLMBZFST BOE 4UPOFNBTPOT	

ISCO-08 title	ISCO-08 Code	ISCO-88 code		ISCO-88 title	Comments
Concrete Placers, Concrete Finishers and Related Workers	7114			Concrete Placers, Concrete 'JOJTIFST BOE 3FMBUFE 8PSLFST	
Carpenters and Joiners	7115			$BSQFOUFST BOE +PJOFST	
Building Frame and Related Trades Workers Not Elsewhere Classified	7119	7129	p	#VJMEJOH 'SBNF BOE 3FMBUFE 5SBEFT 8PSLFST /PU &MTFXIFSF Classified	
Roofers	7121			Roofers	
Floor Layers and Tile Setters	7122			'MPPS -BZFST BOE 5JMF 4FUUFST	
Plasterers	7123			Plasterers	
Insulation Workers	7124			Insulation Workers	
Glaziers	7125			(MB[JFST	
Plumbers and Pipe Fitters	7126			1MVNCFST BOE 1JQF 'JUUFST	
Air Conditioning and Refrigeration Mechanics	7127		p	"HSJDVMUVSBM PS *OEVTUSJBM NBDIJOFSZ .FDIBOJDT BOE 'JUUFST	
Painters and Related Workers	7131			1BJOUFST BOE 3FMBUFE 8PSLFST	
Spray Painters and Varnishers	7132			7BSOJTIFST BOE 3FMBUFE 1BJOUFST	
Building Structure Cleaners	7133		p	Building Structure Cleaners	
Metal Moulders and Coremakers	7211	7211		.FUBM .PVMEFST BOE $PSFNBLFST	
			p	.BDIJOF UPPM 0QFSBUPST $PSF NBLJOH	Core-making machine operators
Welders and Flame Cutters	7212	7212		8FMEFST BOE 'MBNFDVUUFST	
Sheet Metal Workers	7213			Sheet-metal Workers	
Structural Metal Preparers and Erectors	7214			Structural-metal Preparers BOE &SFDUPST	
Riggers and Cable Splicers	7215			3JHHFST BOE $BCMF 4QMJDFST	
Blacksmiths, Hammersmiths and Forging Press Workers	7221	7221		Blacksmiths, Hammer-smiths BOE 'PSHJOH QSFTT 8PSLFST	
Toolmakers and Related Workers	7222	7222		5PPM NBLFST BOE 3FMBUFE Workers	
Metal Working Machine Tool Setters and Operators	7223		p	.BDIJOF UPPM 4FUUFST BOE 4FUUFS PQFSBUPST	
			p	.BDIJOF UPPM 0QFSBUPST	
Metal Polishers, Wheel Grinders and Tool Sharpeners	7224			.FUBM 8IFFM HSJOEFST 1PMJTIFST BOE 5PPM 4IBSQFOFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Motor Vehicle Mechanics and Repairers	7231		p .PUPS 7FIJDMF .FDIBOJDT BOE 'JUUFST	
Aircraft Engine Mechanics and Repairers	7232		"JSDSBGU &OHJOF .FDIBOJDT BOE 'JUUFST	
Agricultural and Industrial Machinery Mechanics and Repairers	7233		p "HSJDVMUVSBM PS *OEVTUSJBM NBDIJOFSZ .FDIBOJDT BOE 'JUUFST	
Bicycle and Related Repairers	7234		p .PUPS 7FIJDMF .FDIBOJDT BOE 'JUUFST	
Precision-instrument Makers and Repairers	7311		p 1SFDJTJPO JOTUSVNFOU .BLFST BOE 3FQBJSFST	
Musical Instrument Makers and Tuners	7312		.VTJDBM *OTUSVNFOU .BLFST BOE 5VOFST	
Jewellery and Precious Metal Workers	7313		+FXFMMFSZ BOE 1SFDJPVT NFUBM Workers	
Potters and Related Workers	7314		"CSBTJWF 8IFFM 'PSNFST 1PUUFST BOE 3FMBUFE 8PSLFST	
Glass Makers, Cutters, Grinders and Finishers	7315		p (MBTT NBLFST $VUUFST (SJOEFST BOE 'JOJTIFST	
Signwriters, Decorative Painters, Engravers and Etchers	7316		(MBTT &OHSBWFST BOE &UDIFST (MBTT $FSBNJDT BOE 3FMBUFE %FDPSBUJWF 1BJOUFST	
Handicraft Workers in Wood, Basketry and Related Materials	7317		p Handicraft Workers in Wood BOE 3FMBUFE .BUFSJBMT #BTLFUSZ 8FBWFST #SVTI .BLFST BOE 3FMBUFE 8PSLFST	
Handicraft Workers in Textile, Leather and Related Materials	7318		)BOEJDSBGU 8PSLFST JO 5FYUJMF -FBUIFS BOE 3FMBUFE .BUFSJBMT Fibre Preparers p 8FBWFST ,OJUUFST BOE 3FMBUFE Workers	
Handicraft Workers Not Elsewhere Classified	7319		p .BDIJOF UPPM 4FUU.FSUBM UPZNBLFST BOE 4FUUFS PQFSBUPST p Handicraft Workers in Wood BOE 3FMBUFE .BUFSJBMT	
Pre-press Technicians	7321		p $PNQPTJUPST 5ZQFTFUUFST BOE 3FMBUFE 8PSLFST 4UFSFPUZQFST BOE &MFDUSPUZQFST 1SJOUJOH &OHSBWFST BOE &UDIFST	
Printers	7322		p $PNQPTJUPST 5ZQFTFUUFST BOE 3FMBUFE 8PSLFST 4JML TDSFFO #MPDL BOE 5FYUJMF Printers p Printing-machine Operators	Printers, printing machine Setters, takers-off

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Print Finishing and Binding Workers	7323		#PPLCJOEFST BOE 3FMBUFE Workers	
		p	Bookbinding-machine Operators	
Building and Related Electricians	7411		#VJMEJOH BOE 3FMBUFE Electricians	
Electrical Mechanics and Fitters	7412		&MFDUSJDBM .FDIBOJDT BOE 'JUUFST	
Electrical Line Installers and Repairers	7413	p	Electrical Line Installers, 3FQBJSFST BOE $BCMF +PJOUFST	
Electronics Mechanics and Servicers	7421	p	Electronics Fitters	
		p	&MFDUSPOJDT .FDIBOJDT BOE 4FSWJDFST	
Information and Communications Technology Installers and Servicers	7422	p	Electronics Fitters	
		p	&MFDUSPOJDT .FDIBOJDT BOE 4FSWJDFST	
			5FMFHSBQI BOE 5FMFQIPOF *OTUBMMFST BOE 4FSWJDFST	
		p	Electrical Line Installers, 3FQBJSFST BOE $BCMF +PJOUFST	
Butchers, Fishmongers and Related Food Preparers	7511		Butchers, Fishmongers BOE 3FMBUFE 'PPE 1SFQBSFST	
Bakers, Pastry-cooks and Confectionery Makers	7512		Bakers, Pastry-cooks BOE $PHGFDUJPOFSZ .BLFST	
Dairy Products Makers	7513		%BJSZ QSPEVDUT .BLFST	
Fruit, Vegetable and Related Preservers	7514		'SVJU 7FHFUBCMF BOE 3FMBUFE 1SFTFSWFST	
Food and Beverage Tasters and Graders	7515		'PPE BOE #FWFSBHF 5BTUFST BOE (SBEFST	
Tobacco Preparers and Tobacco Products Makers	7516		5PCBDDP 1SFQBSFST BOE 5PCBDDP 1SPEVDUT .BLFST	
Wood Treaters	7521		8PPE 5SFBUFST	
		p	8PPE QSPEVDUT .BDIJOF Operators	Wood treating machine operators
Cabinet-makers and Related Workers	7522		$BCJOFU NBLFST BOE 3FMBUFE Workers	
Woodworking Machine Tool Setters and Operators	7523		Woodworking-machine Setters BOE 4FUUFS PQFSBUPST	
		p	8PPE QSPEVDUT .BDIJOF Operators	
Tailors, Dressmakers, Furriers and Hatters	7531		5BJMPST %SFTTNBLFST BOE)BUUFST	
			'VSSJFST BOE 3FMBUFE 8PSLFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code		ISCO-88 title	Comments
Garment and Related Patternmakers and Cutters	7532			5FYUJMF -FBUIFS BOE 3FMBUFE 1BUUFSO NBLFST BOE $VUUFST	
Sewing, Embroidery and Related Workers	7533			Sewers, Embroiderers BOE 3FMBUFE 8PSLFST	
Upholsterers and Related Workers	7534			6QIPMTUFSFST BOE 3FMBUFE Workers	
Pelt Dressers, Tanners and Fellmongers	7535			1FMU %SFTTFST 5BOOFST BOE 'FMMNPOHFST	
Shoemakers and Related Workers	7536			4IPF NBLFST BOE 3FMBUFE Workers	
Underwater Divers	7541		p	*OMBOE BOE $PBTUBM8BUFST Fishery Workers Underwater Workers	%JWFST GPS TQPOHFT QFBSMT BOE PUIFS BRVBUJD QSPEVDUT
Shotfirers and Blasters	7542	7112		4IPUGJSFST BOE #MBTUFST	
Product Graders and Testers (excluding Foods and Beverages)	7543		p	4BGFUZ)FBMUI BOE 1SPEVDU Inspectors	4PNF EU JO /PUF UIBU JO *4$0 TPNF product testers were classified in the same unit group as the workers producing the goods.
Fumigators and Other Pest and Weed Controllers	7544		p	Building Structure Cleaners	
Craft and Related Workers Not Elsewhere Classified	7549		p	(MBTT NBLFST $VUUFST &OHSBWFST BOE 'JOJTIFST	Letterpress Printers, Goldbeaters, NPVMEFST BOE TMJDFST
Miners and Quarriers	8111	7111	p p	.JOFST BOE 2VBSSZ 8PSLFST .JOJOH QMBOU 0QFSBUPST	
Mineral and Stone Processing Plant Operators	8112			.JOFSBM PSF BOE 4UPOF processing-plant Operators	
Well Drillers and Borers and Related Workers	8113			8FMM %SJMMFST BOE #PSFST BOE 3FMBUFE 8PSLFST	
Cement, Stone and Other Mineral Products Machine Operators	8114			$FNFOU BOE 0UIFS .JOFSBM 1SPEVDUT .BDIJOF 0QFSBUPST	
Metal Processing Plant Operators	8121		p p p p	0SF BOE .FUBM 'VSOBDF Operators .FUBM .FMUFST $BTUFST BOE 3PMMJOH NJMM 0QFSBUPST .FUBM IFBU USFBUJOH QMBOU Operators .FUBM %SBXFST BOE &YUSVEFST	
Metal Finishing, Plating and Coating Machine Operators	8122		p	.FUBM 'JOJTIJOH 1MBUJOH BOE $PBUJOH NBDIJOF 0QFSBUPST	
Chemical Products Plant and Machine Operators	8131		 p	$SVTIJOH (SJOEJOH BOE $IFNJDBM NJYJOH .BDIJOFSZ Operators Chemical-heat-treating-plant Operators	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Chemical Products Plant and Machine Operators			p Chemical-filtering- BOE 4FQBSBUJOH FRVJQNFOU Operators	
			p $IFNJDBM TUJMM BOE 3FBDUPS 0QFSBUPST FYDFQU 1FUSPMFVN BOE /BUVSBM (BT	
			p 1FUSPMFVN BOE /BUVSBM (BT refining-plant Operators	Operators of liquid BOE PUIFS TJOHMF QSPDFTT QM BOE NBDIJOFSZ JO QFUSPMFVN BOE HBT SFGJOFSJFT
			p Chemical-processing-plant Operators Not Elsewhere Classified	
			p 1IBSNBDFVUJDBM BOE 5PJMFUSZ QSPEVDUT .BDIJOF 0QFSBUPST	
			p "NNVOJUJPO BOE &YQMPTJWF QSPEVDUT .BDIJOF 0QFSBUPST	
			p $IFNJDBM QSPEVDUT .BDIJOF Operators Not Elsewhere Classified	
Photographic Products Machine Operators	8132		1IPUPHSBQIJD BOE 3FMBUFE Workers	
			p 1IPUPHSBQIJD QSPEVDUT .BDIJOF Operators	
Rubber Products Machine Operators	8141		p 3VCCFS QSPEVDUT .BDIJOF Operators	
Plastic Products Machine Operators	8142		p 1MBTUJD QSPEVDUT .BDIJOF Operators	
Paper Products Machine Operators	8143		p 1BQFS QSPEVDUT .BDIJOF Operators	
Fibre Preparing, Spinning and Winding Machine Operators	8151		p Fibre-preparing-, Spinning- BOE 8JOEJOH NBDIJOF 0QFSBUPST	
Weaving and Knitting Machine Operators	8152		p 8FBWFST ,OJUUFST 8FBWJOH NBDIJOF Workers	machine setters
			p 8FBWJOH BOE ,OJUUJOH NBDIJOF Operators	
Sewing Machine Operators	8153		p Sewing-machine Operators	
Bleaching, Dyeing and Fabric Cleaning Machine Operators	8154		p #MFBDIJOH %ZFJOH BOE $MFBOJOH NBDIJOF Operators	
Fur and Leather Preparing Machine Operators	8155		p 'VS BOE -FBUIFS QSFQBSJOH machine Operators	
Shoemaking and Related Machine Operators	8156		p 4IPFNBLJOH BOE 3FMBUFE .BDIJOF 0QFSBUPST	
Laundry Machine Operators	8157		p #MFBDIJOH %ZFJOH BOE Cleaning-machine Operators	
Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified	8159		p 5FYUJMF 'VS BOE -FBUIFS QSPEVDUT .BDIJOF 0QFSBUPST Not Elsewhere Classified	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Food and Related Products Machine Operators	8160		p .FBU BOE 'JTI QSPDFTTJOH machine Operators	
			p %BJSZ QSPEVDUT .BDIJOF Operators	
			p (SBJO BOE 4QJDF NJMMJOH machine Operators	
			p Baked-goods, Cereal BOE $IPDPMBUF QSPEVDUT .BDIJOF 0QFSBUPST	
			p 'SVJU 7FHFUBCMF BOE /VU processing-machine Operators	
			p 4VHBS 1SPEVDUJPO .BDIJOF Operators	
			p 5FB $PGGFF BOE $PDPB processing-machine Operators	
			p #SFXFST 8JOF BOE 0UIFS #FWFSBHF .BDIJOF 0QFSBUPST	
			p 5PCBDDP 1SPEVDUJPO .BDIJOF Operators	
Pulp and Papermaking Plant Operators	8171		p Paper-pulp Plant Operators	
			p Papermaking-plant Operators	
Wood Processing Plant Operators	8172		Wood-processing-plant Operators	
Glass and Ceramics Plant Operators	8181		(MBTT BOE $FSBNJDT ,JMO BOE 3FMBUFE .BDIJOF 0QFSBUPST	
			(MBTT $FSBNJDT BOE 3FMBUFE Plant Operators Not Elsewhere Classified	
Steam Engine and Boiler Operators	8182		4UFBN FOHJOF BOE #PJMFS Operators	
Packing, Bottling and Labelling Machine Operators	8183		p 0UIFS .BDIJOF 0QFSBUPST BOE "TTFNCMFST	
Stationary Plant and Machine Operators Not Elsewhere Classified	8189		p 0UIFS .BDIJOF 0QFSBUPST BOE "TTFNCMFST	
Mechanical Machinery Assemblers	8211		p .FDIBOJDBM NBDIJOFSZ "TTFNCMFST	
Electrical and Electronic Equipment Assemblers	8212		p &MFDUSJDBM FRVJQNFOU "TTFNCMFST	
			p &MFDUSPOJD FRVJQNFOU "TTFNCMFST	
Assemblers Not Elsewhere Classified	8219		p .FUBM 3VCCFS BOE 1MBTUJD QSPEVDUT "TTFNCMFST	
			p 8PPE BOE 3FMBUFE 1SPEVDUT "TTFNCMFST	
			p 1BQFSCPBSE 5FYUJMF BOE 3FMBUFE 1SPEVDUT "TTFNCMFST	
			p 0UIFS .BDIJOF 0QFSBUPST BOE "TTFNCMFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Locomotive Engine Drivers	8311		-PDPNPUJWF FOHJOF %SJWFST	
Railway Brake, Signal and Switch Operators	8312		Railway Brakers, Signallers BOE 4IVOUFST	
Motorcycle Drivers	8321		.PUPS DZDMF %SJWFST	
Car, Taxi and Van Drivers	8322		$BS 5BYJ BOE 7BO %SJWFST	
Bus and Tram Drivers	8331		#VT BOE 5SBN %SJWFST	
Heavy Truck and Lorry Drivers	8332		)FBWZ 5SVDL BOE -PSSZ %SJWFST	
Mobile Farm and Forestry Plant Operators	8341		.PUPSJTFE 'BSN BOE 'PSFTUSZ Plant Operators	
Earthmoving and Related Plant Operators	8342		&BSUI NPWJOH BOE 3FMBUFE 1MBOU Operators	
Crane, Hoist and Related Plant Operators	8343		$SBOF)PJTU BOE 3FMBUFE 1MBOU Operators	
Lifting Truck Operators	8344		Lifting-truck Operators	
Ships Deck Crews and Related Workers	8350		4IJQT %FDL $SFXT BOE 3FMBUFE Workers	
Domestic Cleaners and Helpers	9111		%PNFTUJD)FMQFST BOE $MFBOFST	
Cleaners and Helpers in Offices, Hotels and Other Establishments	9112	p	)FMQFST BOE $MFBOFST JO 0GGJDFT)PUFMT BOE 0UIFS &TUBCMJTINFOUT	
Hand Launderers and Pressers	9121		)BOE MBVOEFSFST BOE 1SFTTFST	
Vehicle Cleaners	9122	p	7FIJDMF 8JOEPX BOE 3FMBUFE Cleaners	
Window Cleaners	9123	p	7FIJDMF 8JOEPX BOE 3FMBUFE Cleaners	
Other Cleaning Workers	9129	p	7FIJDMF 8JOEPX BOE 3FMBUFE Cleaners	
Crop Farm Labourers	9211	9211	p 'BSN IBOET BOE -BCPVSFST	
Livestock Farm Labourers	9212	9211	p 'BSN IBOET BOE -BCPVSFST	
Mixed Crop and Livestock Farm Labourers	9213	9211	p 'BSN IBOET BOE -BCPVSFST	
Garden and Horticultural Labourers	9214		p (BSEFOFST)PSUJDVMUVSBM HBSEFO MBCPVSFST BOE /VSTFSZ (SPXFST	Should logically be classified JO *4$0 UIFZ XFSF not specifically mentioned in UIF EFGJOJUJPO PS UIF JOEFY It is likely that some garden BOE IPSUJDVMUVSBM XPSLFST DMBTTJGJFE JO *4$0 XFSF classified in certain national DPOUFYUT JO *4$0
		9211	p 'BSN IBOET BOE -BCPVSFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code		ISCO-88 title	Comments
Forestry Labourers	9215	9212		Forestry Labourers	
Fishery and Aquaculture Labourers	9216			'JTIFSZ)VOUJOH BOE 5SBQQJOH Labourers	
Mining and Quarrying Labourers	9311			.JOJOH BOE 2VBSSZJOH Labourers	
Civil Engineering Labourers	9312			$POTUSVDUJPO BOE .BJOUFOBODF -BCPVSFST 3PBET %BNT BOE 4JNJMBS $POTUSVDUJPOT	
Building Construction Labourers	9313			Building Construction Labourers	
Hand Packers	9321		p	)BOE 1BDLFST BOE 0UIFS .BOVGBDUVSJOH -BCPVSFST	
Manufacturing Labourers Not Elsewhere Classified	9329		p	"TTFNCMJOH -BCPVSFST	
			p	)BOE 1BDLFST BOE 0UIFS .BOVGBDUVSJOH -BCPVSFST	
Hand and Pedal Vehicle Drivers	9331			)BOE PS 1FEBM 7FIJDMF %SJWFST	
Drivers of Animal-drawn Vehicles and Machinery	9332			%SJWFST PG "OJNBM ESBXO 7FIJDMFT BOE .BDIJOFSZ	
Freight Handlers	9333		p	Freight Handlers	
Shelf Fillers	9334		p	Freight Handlers	
Fast Food Preparers	9411		p	Cooks	
Kitchen Helpers	9412		p	)FMQFST BOE $MFBOFST JO 0GGJDFT)PUFMT BOE 0UIFS &TUBCMJTINFOUT	
Street and Related Services Workers	9510	9120		4IPF $MFBOJOH BOE 0UIFS 4USFFU 4FSWJDFT &MFNFOUBSZ Occupations	
Street Vendors (excluding Food)	9520	9112		Street Vendors, Non-food Products	
Garbage and Recycling Collectors	9611		p	(BSCBHF $PMMFDUPST	
Refuse Sorters	9612		p	(BSCBHF $PMMFDUPST	
Sweepers and Related Labourers	9613		p	4XFFQFST BOE 3FMBUFE -BCPVSFST	
Messengers, Package Deliverers and Luggage Porters	9621			.FTTFOHFST 1BDLBHF BOE -VHHBHF 1PSUFST BOE %FMJWFSFST	
			p	%PPSLFFQFST 8BUDIQFSTPOT BOE 3FMBUFE 8PSLFST	Hotel Porters
Odd-job Persons	9622		p	4XFFQFST BOE 3FMBUFE -BCPVSFST	
Meter Readers and Vending-machine Collectors	9623			7FOEJOH NBDIJOF .POFZ $PMMFDUPST .FUFS 3FBEFST BOE 3FMBUFE 8PSLFST	
Water and Firewood Collectors	9624		p	4XFFQFST BOE 3FMBUFE -BCPVSFST	

ISCO-08 title	ISCO-08 Code	ISCO-88 code	ISCO-88 title	Comments
Elementary Workers Not Elsewhere Classified	9629		p %PPSLFFQFST 8BUDIQFSTPOT BOE 3FMBUFE 8PSLFST	
Commissioned Armed Forces Officers	0110	0110	p "SNFE 'PSDFT	
Non-commissioned Armed Forces Officers	0210	0110	p "SNFE 'PSDFT	
Armed Forces Occupations, Other Ranks	0310	0110	p "SNFE 'PSDFT	

CORRESPONDENCE TABLE: ISCO-88 TO ISCO-08

5IJT UBCMF TIPXT UIF DPSSFTQPOEFODF BOE DIBOHFT CFUXFFO **44$00 VOE PUE FHTSFBVQE UJ
5IF MFUUFS iQw JT VTFE UP JOEJDBUF UIBU TPNFUIJOH QVU JOUP UIF *4$0 HSPVQ $PNNFOUT BSF QSPWJEFE PO UIF TQFDJGJD WBSJBUJPOT BOE EJGGFSFODFT
QBSUJBM DPSSFTQPOEFODF NBZ OPU NFBO UIBU UIF UXP DPEFT BSF JEFOUJDBM JO BMM SFTQFDUT

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Legislators	1110	1111	Legislators	
Senior Government Officials	1120	1112	4FOJPS (PWFSONFOU 0GGJDJBMT	
Traditional Chiefs and Heads of Villages	1130		5SBEJUJPOBM $IJFGT BOE)FBET of Villages	
Senior Officials of Political-party Organisations	1141		p Senior Officials of Special-interest Organizations	
Senior Officials of Employers , Workers and Other Economic-interest Organisations	1142		p Senior Officials of Special-interest Organizations	
Senior Officials of Humanitarian and Other Special-interest Organisations	1143		p Senior Officials of Special-interest Organizations	
Directors and Chief Executives	1210	1120	.BOBHJOH %JSFDUPST BOE $IJFG &YFDVUJWFT	
Production and Operations Department Managers in Agriculture, Hunting, Forestry and Fishing	1221		"HSJDVMUVSBM BOE 'PSFTUSZ 1SPEVDUJPO .BOBHFST	
			"RVBDVMUVSF BOE 'JTIFSJFT 1SPEVDUJPO .BOBHFST	
Production and Operations Department Managers in Manufacturing	1222		p .BOVGBDUVSJOH .BOBHFST	
			p .JOJOH .BOBHFST	
Production and Operations Department Managers in Construction	1223		p $POTUSVDUJPO .BOBHFST	
			p $POTUSVDUJPO 4VQFSWJTPST	
Production and Operations Department Managers in Wholesale and Retail Trade	1224		p 3FUBJM BOE 8IPMFTBMF 5SBEF .BOBHFST	
Production and Operations Department Managers in Restaurants and Hotels	1225		p)PUFM .BOBHFST	
			p 3FTUBVSBOU .BOBHFST	
Production and Operations Department Managers in Transport, Storage and Communications	1226		p 4VQQMZ %JTUSJCVUJPO BOE 3FMBUFE .BOBHFST	Postmasters, station masters and transport, TUPSBHF BOE EJTUSJCVUJPO department managers
			p Information BOE $PNNVOJDBUJPOT 5FDIOPMPHZ 4FSWJDFT .BOBHFST	5FMFDPNNVOJDBUJPOT department managers

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Production and Operations Department Managers in Business Services	1227	1219	p #VTJOFTT 4FSWJDFT BOE "ENJOJTUSBUJPO .BOBHFST Not Elsewhere Classified	
			'JOBODJBM BOE *OTVSBODF 4FSWJDFT #SBODI .BOBHFST	
Production and Operations Department Managers in Personal Care, Cleaning and Related Services	1228	1219	p #VTJOFTT 4FSWJDFT BOE "ENJOJTUSBUJPO .BOBHFST Not Elsewhere Classified	#VTJMEJOH TFSWJDFT JPO. BOBHFST EFQBSUNFOU managers
Production and Operations Department Managers Not Elsewhere Classified	1229		p 1PMJDZ BOE 1MBOOJOH .BOBHFST	
		1219	p #VTJOFTT 4FSWJDFT BOE "ENJOJTUSBUJPO .BOBHFST Not Elsewhere Classified	
			p $IJME $BSF 4FSWJDFT .BOBHFST	
			p)FBMUI 4FSWJDFT .BOBHFST	
			p "HFE $BSF 4FSWJDFT .BOBHFST	
			p 4PDJBM 8FMGBSF .BOBHFST	
			p &EVDBUJPO .BOBHFST	
			p 1SPGFTTJPOBM 4FSWJDFT .BOBHFST Not Elsewhere Classified	
			p 4FSWJDFT .BOBHFST /PU Elsewhere Classified	
			p 'JMN 4UBHF BOE 3FMBUFE %JSFDUPST BOE 1SPEVDFST	
			p 0UIFS "SUJTUJD BOE $VMUVSBM "TTPDJBUF 1SPGFTTJPOBMT	Stage Managers
Finance and Administration Department Managers	1231	1211	p 'JOBODF .BOBHFST	
		1219	p #VTJOFTT 4FSWJDFT BOE "ENJOJTUSBUJPO .BOBHFST Not Elsewhere Classified	"ENJOJTUSBUJPO EFQBSUNFOU Managers
Personnel and Industrial Relations Department Managers	1232	1212	p)VNBO 3FTPVSDF .BOBHFST	
Sales and Marketing Department Managers	1233	1221	p 4BMFT BOE .BSLFUJOH .BOBHFST	
Advertising and Public Relations Department Managers	1234	1222	p "EWFSUJTJOH BOE 1VCMJD 3FMBUJPOT .BOBHFST	
Supply and Distribution Department Managers	1235		p 4VQQMZ %JTUSJCVUJPO BOE 3FMBUFE .BOBHFST	
Computing Services Department Managers	1236		p Information and $PNNVOJDBUJPOT 5FDIOPMPHZ 4FSWJDFT .BOBHFST	
Research and Development Department Managers	1237		p 3FTFBSDI BOE %FWFMPQNFOU .BOBHFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Other Department Managers Not Elsewhere Classified	1239		p 1PMJDZ BOE 1MBOOJOH .BOBHFST .BOBHFST PG BOE QPMJDZ EFQBSUNFOUT JO	establishments other than those in public administration, compulsory social security, education, health, TPDJBM XPSL FYUSBUFSSJUPS PSHBOJ[BUJPOT BOE CPEJFT BOE SFDSFBUJPOBM DVMUVSB BOE TQPSUJOH BDUJWJUJFT B EFGJOFE JO *4*$ 3FW
General Managers in Agriculture, Hunting, Forestry and Fishing	1311		p 'JFME $SPQ BOE 7FHFUBCMF (SPXFST	
			p 5SFF BOE 4ISVC $SPQ (SPXFST	
			p (BSEFOFST)PSUJDVMUVSBM BOE /VSTFSZ (SPXFST	
			p .JYFE $SPQ (SPXFST	
			p -JWFTUPDL BOE %BJSZ 1SPEVDFST	
			p Poultry Producers	
			p .JYFE $SPQ BOE "OJNBM Producers	
			p 'PSFTUSZ BOE 3FMBUFE 8PSLFST	
			p "RVBDVMUVSF 8PSLFST	
			p *OMBOE BOE $PBTUBM 8BUFST Fishery Workers	
			p %FFQ TFB 'JTIFSZ 8PSLFST	
General Managers in Manufacturing	1312		p .BOVGBDUVSJOH .BOBHFST	
			p .JOJOH .BOBHFST .BOBHFST PG TNBMM NJ BOE RVBSSZJOH CVTJOFTTFT	
General Managers in Construction	1313		p $POTUSVDUJPO .BOBHFST	
General Managers in Wholesale and Retail Trade	1314		p 3FUBJM BOE 8IPMFTBMF 5SBEF .BOBHFST	
			Shopkeepers	
General Managers of Restaurants and Hotels	1315		p)PUFM .BOBHFST	
			p 3FTUBVSBOU .BOBHFST	
General Managers in Transport, Storage and Communications	1316		p 4VQQMZ %JTUSJCVUJPO BOE 3FMBUFE .BOBHFST	
			p Information BOE $PNNVOJDBUJPOT 5FDIOPMPHZ 4FSWJDFT .BOBHFST	
General Managers of Business Services	1317	1211	p 'JOBODF .BOBHFST .BOBHFST PG FTUBCM QSPWJEJOH BDDPVOUJOH PS TJNJMBS TFSWJDFT	
		1212	p)VNBO 3FTPVSDF .BOBHFST .BOBHFST PG FTUB QSPWJEJOH IVNBO SFTPVSDF BOE SFDSVJUNFOU TFSWJDFT	
		1219	p #VTJOFTT 4FSWJDFT BOE "ENJOJTUSBUJPO .BOBHFST Not Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
General Managers of Business Services		1221	p 4BMFT BOE .BSLFUJOH .BOBHFST	.BOBHFST PG NB companies
		1222	p "EWFSUJTJOH BOE 1VCMJD 3FMBUJPOT .BOBHFST	BEWFSUJTJOH BOE QVCMJD SFMBUJPOT companies
			p Information BOE $PNNVOJDBUJPOT 5FDIOPMPHZ 4FSWJDFT .BOBHFST	.BOBHFST PG Small computing BOE UFMFDPNNVOJDBUJPOT companies
			'JOBODJBM BOE *OTVSBODF 4FSWJDFT #SBODI .BOBHFST	
General Managers in Personal Care, Cleaning and Related Services	1318	1219	p #VTJOFTT 4FSWJDFT BOE "ENJOJTUSBUJWF .BOBHFST Not Elsewhere Classified	.BOBHFST PG DPOUSBDU Cleaning Companies
General Managers Not Elsewhere Classified	1319		p 3FTFBSDI BOE %FWFMPQNFOU .BOBHFST	3FTFBSDI BOE EFWFMPQNFOU company managers
			p $IJME $BSF 4FSWJDFT .BOBHFST	
			p)FBMUI 4FSWJDFT .BOBHFST	
			p "HFE $BSF 4FSWJDFT .BOBHFST	
			p 4PDJBM 8FMGBSF .BOBHFST	
			p &EVDBUJPO .BOBHFST	
			p 1SPGFTTJPOBM 4FSWJDFT .BOBHFST Not Elsewhere Classified	
			Sports, Recreation BOE $VMUVSBM $FOUSF .BOBHFST	
			p 4FSWJDFT .BOBHFST /PU Elsewhere Classified	
Physicists and Astronomers	2111	2111	1IZTJDJTUT BOE "TUSPOPNFST	
Meteorologists	2112	2112	.FUFPSPMPHJTUT	
Chemists	2113		Chemists	
			p Pharmacists	Industrial pharmacists, pharmaceutical chemists
Geologists and Geophysicists	2114		(FPMPHJTUT BOE (FPQIZTJDJTUT	
Mathematicians and Related Professionals	2121	2120	p .BUIFNBUJDJBOT "DUVBSJFT BOE 4UBUJTUJDJBOT	
Statisticians	2122	2120	p .BUIFNBUJDJBOT "DUVBSJFT BOE 4UBUJTUJDJBOT	
Computer Systems Designers and Analysts	2131		4ZTUFNT "OBMZTUT	
			4PGUXBSF %FWFMPQFST	
			p 8FC BOE .VMUJNFEJB %FWFMPQFST	
			p 4PGUXBSF BOE "QQMJDBUJPOT %FWFMPQFST BOE "OBMZTUT /PU Elsewhere Classified	
			%BUBCBTF %FTJHOFST BOE "ENJOJTUSBUPST	
			4ZTUFNT "ENJOJTUSBUPST	
			p Computer Network Professionals	

ISCO-88 title	ISCO-88 code	ISCO-08 code		ISCO-08 title	Comments
Computer Programmers	2132		p	8FC BOE .VMUJNFEJB %FWFMPQFST	
				"QQMJDBUJPOT 1SPHSBNNFST	
			p	4PGUXBSF BOE "QQMJDBUJPOT %FWFMPQFST BOE "OBMZTUT /PU Elsewhere Classified	
			p	Computer Network Professionals	Communications programmers
Computing Professionals Not Elsewhere Classified	2139		p	8FC BOE .VMUJNFEJB %FWFMPQFST	
			p	4PGUXBSF BOE "QQMJDBUJPOT %FWFMPQFST BOE "OBMZTUT /PU Elsewhere Classified	
				%BUBCBTF BOE /FUXPSL Professionals Not Elsewhere Classified	
Architects, Town and Traffic Planners	2141			#VJMEJOH "SDIJUFDUT	
				-BOETDBQF "SDIJUFDUT	
				5PXO BOE 5SBGGJD 1MBOOFST	
Civil Engineers	2142			$JWJM &OHJOFFST	
Electrical Engineers	2143			Electrical Engineers	
Electronics and Telecommunications Engineers	2144			Electronics Engineers	
				5FMFDPNNVOJDBUJPOT &OHJOFFST	
Mechanical Engineers	2145			.FDIBOJDBM &OHJOFFST	
Chemical Engineers	2146			Chemical Engineers	
Mining Engineers, Metallurgists and Related Professionals	2147			.JOJOH &OHJOFFST .FUBMMVSHJTUT BOE 3FMBUFE Professionals	
Cartographers and Surveyors	2148			$BSUPHSBQIFST BOE 4VSWFZPST	
Architects, Engineers and Related Professionals Not Elsewhere Classified	2149			*OEVTUSJBM BOE 1SPEVDUJPO Engineers	
				&OWJSPONFOUBM &OHJOFFST	
				Engineering Professionals Not Elsewhere Classified	
Biologists, Botanists, Zoologists and Related Professionals	2211		p	Biologists, Botanists, ;PPMPHJTUT BOE 3FMBUFE Professionals	
				&OWJSPONFOUBM 1SPUFDUJPO Professionals	
Pharmacologists, Pathologists and Related Professionals	2212		p	Biologists, Botanists, ;PPMPHJTUT BOE 3FMBUFE Professionals	Plant pathologists, pharmacologists
		2212		4QFDJBMJTU .FEJDBM 1SBDUJUJPOFST	Human pathologists, histopathologists, endocrinologists, neuropathologists
			p	Veterinarians	"OJNBM BOE WFUFSJOBSZ pathologists

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Agronomists and Related Professionals	2213		p Farming, Forestry BOE 'JTIFSJFT "EWJTFST	
Medical Doctors	2221	2211	(FOFSBMJTU .FEJDBM Practitioners	
		2212	4QFDJBMJTU .FEJDBM 1SBDUJUJPOFST	
Dentists	2222		%FOUJTUT	
Veterinarians	2223		p Veterinarians	
Pharmacists	2224		p Pharmacists	
Health Professionals (except Nursing) Not Elsewhere Classified	2229		p &OWJSPONFOUBM BOE 0DDVQBUJPOBM)FBMUI BOE)ZHJFOF 1SPGFTTJPOBMT	
			p Health Professionals Not Elsewhere Classified	
Nursing and Midwifery Professionals	2230		p)FBMUI 4FSWJDFT .BOBHFST and principal nursing officers	Hospital matrons
			p "HFE $BSF 4FSWJDFT .BOBHFST .BUSPOT BOE QSJ nursing officers in aged care facilities	
		2221	p Nursing Professionals	
		2222	p .JEXJGFSZ 1SPGFTTJPOBMT	
			p /VSTJOH "TTPDJBUF Professionals	
			p .JEXJGFSZ "TTPDJBUF Professionals	
College, University and Higher Education Teaching Professionals	2310		6OJWFSTJUZ BOE)JHIFS &EVDBUJPO 5FBDIFST	
			p 7PDBUJPOBM &EVDBUJPO 5FBDIFST	
Secondary Education Teaching Professionals	2320		p 7PDBUJPOBM &EVDBUJPO 5FBDIFST	
			4FDPOEBSZ &EVDBUJPO 5FBDIFST	
Primary Education Teaching Professionals	2331		p 1SJNBSZ 4DIPPM 5FBDIFST	
Pre-Primary Education Teaching Professionals	2332		p Early Childhood Educators	
Special Education Teaching Professionals	2340		p 4QFDJBM /FFET 5FBDIFST	
Education Methods Specialists	2351		p &EVDBUJPO .FUIPET 4QFDJBMJTUT	
School Inspectors	2352		p &EVDBUJPO .FUIPET 4QFDJBMJTUT	
Other Teaching Professionals Not Elsewhere Classified	2359		p 0UIFS -BOHVBHF 5FBDIFST	
			0UIFS .VTJD 5FBDIFST	
			p 0UIFS "SUT 5FBDIFST	
			p *OGPSNBUJPO 5FDIOPMPHZ 5SBJOFST	
			p 5FBDIJOH 1SPGFTTJPOBMT /PU Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Accountants	2411		"DDPVOUBOUT	
		p	'JOBODJBM BOE *OWFTUNFOU "EWJTFST	
Personnel and Careers Professionals	2412	p	&OWJSPONFOUBM BOE 0DDVQBUJPOBM)FBMUI BOE)ZHJFOF 1SPGFTTJPOBMT	
			1FSTPOOFM BOE $BSFFST Professionals	
			5SBJOJOH BOE 4UBGG %FWFMPQNFOU 1SPGFTTJPOBMT	
Business Professionals Not Elsewhere Classified	2419	p	'JOBODJBM BOE *OWFTUNFOU "EWJTFST	
			'JOBODJBM "OBMZTUT	
			.BOBHFNFOU BOE 0SHBOJ[BUJPO "OBMZTUT	
			1PMJDZ "EMJOJTUSBUJPO Professionals	
			"EWFSUJTJOH BOE .BSLFUJOH Professionals	
			Public Relations Professionals	
		p	#VTJOFTT 4FSWJDF "HFOUT /PU Elsewhere Classified	Patent agents
Lawyers	2421		Lawyers	
Judges	2422		Judges	
Legal Professionals Not Elsewhere Classified	2429		Legal Professionals Not Elsewhere Classified	
Archivists and Curators	2431		"SDIJWJTUT BOE $VSBUPST	
Librarians and Related Information Professionals	2432		-JCSBSJBOT BOE 3FMBUFE Information Professionals	
Economists	2441		Economists	
Sociologists, Anthropologists and Related Professionals	2442		4PDJPMPHJTUT "OUISPQPMPHJTUT BOE 3FMBUFE 1SPGFTTJPOBMT	
Philosophers, Historians and Political Scientists	2443		Philosophers, Historians BOE 1PMJUJDBM 4DJFOUJTUT	
Philologists, Translators and Interpreters	2444		5SBOTMBUPST *OUFSQSFUFST BOE 0UIFS -JOHVJTUT	
Psychologists	2445		Psychologists	
Social Work Professionals	2446		4PDJBM 8PSL BOE $PVOTFMMJOH Professionals	
Authors, Journalists and Other Writers	2451		"EWFSUJTJOH BOE "CWFSUJTJOH DPQZ XSJUFST Professionals	
			Public Relations Professionals	Public relations copy writers
			"VUIPST BOE 3FMBUFE 8SJUFST	
		p	Journalists	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Sculptors, Painters and Related Artists	2452		p (SBQIJD BOE .VMUJNFEJB %FTJHOFST 7JTVBM "SUJTUT	Commercial artists
Composers, Musicians and Singers	2453		p .VTJDJBOT 4JOHFSTBOE $PNQPTFST	
Choreographers and Dancers	2454		p %BODFST BOE $IPSFPHSBQIFST	
Film, Stage and Related Actors and Directors	2455		p 'JMN 4UBHF BOE 3FMBUFE %JSFDUPST BOE 1SPEVDFST "DUPST	
Religious Professionals	2460		Religious Professionals	
Chemical and Physical Science Technicians	3111		$IFNJDBM BOE 1IZTJDBM 4DJFODF 5FDIOJDJBOT	
Civil Engineering Technicians	3112		p $JWJM &OHJOFFSJOH 5FDIOJDJBOT	
Electrical Engineering Technicians	3113		p Electrical Engineering 5FDIOJDJBOT	
Electronics and Telecommunications Engineering Technicians	3114		p Electronics Engineering 5FDIOJDJBOT 5FMFDPNNVOJDBUJPOT &OHJOFFSJOH 5FDIOJDJBOT	
Mechanical Engineering Technicians	3115		p .FDIBOJDBM &OHJOFFSJOH 5FDIOJDJBOT	
Chemical Engineering Technicians	3116		Chemical Engineering 5FDIOJDJBOT p Chemical Processing Plant Controllers	Chemical process technicians
Mining and Metallurgical Technicians	3117		p .JOJOH BOE .FUBMMVSHJDBM 5FDIOJDJBOT	
Draughtspersons	3118		%SBVHIUTQFSTPOT	
Physical and Engineering Science Technicians Not Elsewhere Classified	3119		1IZTJDBM BOE &OHJOFFSJOH 4DJFODF 5FDIOJDJBOT /PU Elsewhere Classified	
Computer Assistants	3121		Information BOE $PNNVOJDBUJPOT 5FDIOPMPHZ 6TFS 4VQQPSU 5FDIOJDJBOT Computer Network BOE 4ZTUFNT 5FDIOJDJBOT 8FC 5FDIOJDJBOT	
Computer Equipment Operators	3122		Information and $PNNVOJDBUJPOT 5FDIOPMPHZ 0QFSBUJPOT 5FDIOJDJBOT	
Industrial Robot Controllers	3123		p 1SPDFTT $POUSPM 5FDIOJDJBOT Not Elsewhere Classified	
Photographers and Image and Sound Recording Equipment Operators	3131		Photographers p #SPBEDBTUJOH BOE "VEJPWJTVBM 5FDIOJDJBOT	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Broadcasting and Telecommunications Equipment Operators	3132		p #SPBEDBTUJOH BOE "VEJPWJTVBM 5FDIOJDJBOT	
Broadcasting and Telecommunications Equipment Operators			5FMFDPNNVOJDBUJPOT &OHJOFFSJOH 5FDIOJDJBOT	5FMFDPNNVOJDBUJPOT PQFSBUPST
Medical Equipment Operators	3133		.FEJDBM *NBHJOH BOE 5IFSBQFVUJD &RVJQNFOU 5FDIOJDJBOT	
Ships Engineers	3141		Ships Engineers	
Ships Deck Officers and Pilots	3142		4IJQT %FDL 0GGJDFST BOE 1JMPUT	
Aircraft Pilots and Related Associate Professionals	3143		p "JSDSBGU 1JMPUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	
Air Traffic Controllers	3144		"JS 5SBGGJD $POUSPMMFST	
Air Traffic Safety Technicians	3145		"JS 5SBGGJD 4BGFUZ &MFDUSPOJDT 5FDIOJDJBOT	
Building and Fire Inspectors	3151		p $JWJM &OHJOFFSJOH 5FDIOJDJBOT	
			p 1IZTJDBM BOE &OHJOFFSJOH 4DJFODF 5FDIOJDJBOT /PU Elsewhere Classified	0TFSJOWFTUJHBUPST
Safety, Health and Quality Inspectors	3152		p &OWJSPONFOUBM BOE 0DDVQBUJPOBM)FBMUI BOE)ZHJFOF 1SPGFTTJPOBMT	
			p Electrical Engineering 5FDIOJDJBOT	Quality inspectors (electrical products)
			p Electronics Engineering 5FDIOJDJBOT	Quality inspectors (electronic products)
			p .FDIBOJDBM &OHJOFFSJOH 5FDIOJDJBOT	Vehicle inspectors, mechanical products
			p .JOJOH BOE .FUBMMVSHJDBM &OHJOFFSJOH 5FDIOJDJBOT	RVBMJUZ BOE TBGFUZ inspectors JOTQFDUPST
			p &OWJSPONFOUBM BOE 0DDVQBUJPOBM)FBMUI *OTQFDUPST BOE "TTPDJBUFT	
			1SPEVDU (SBEFST BOE FYDMVEJOH 'PPET BOE #FWFSBHFT	1SPEVDUSYBMJUZ JOTQFDUPS /PUF UIBU JO *4$0 some product testers were classified in the same unit group as the workers producing the goods.
Life Science Technicians	3211		-JGF 4DJFODF 5FDIOJDJBOT FYDMVEJOH .FEJDBM	
			.FEJDBM BOE 1BUIPMPHZ -BCPSBUPSZ 5FDIOJDJBOT	
Agronomy and Forestry Technicians	3212		"HSJDVMUVSBM 5FDIOJDJBOT	
			'PSFTUSZ 5FDIOJDJBOT	
Farming and Forestry Advisers	3213		p Farming, Forestry BOE 'JTIFSJFT "EWJTFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Medical Assistants	3221		Paramedical Practitioners	
			Community Health Workers	
			.FEJDBM "TTJTUBOUT	
Sanitarians	3222	p	&OWJSPONFOUBM BOE 0DDVQBUJPOBM)FBMUI BOE)ZHJFOF 1SPGFTTJPOBMT	
		p	&OWJSPONFOUBM BOE 0DDVQBUJPOBM)FBMUI *OTQFDUPST BOE "TTPDJBUFT	
Dieticians and Nutritionists	3223		%JFUJDJBOT BOE /VUSJUJPOJTUT	
Optometrists and Opticians	3224		0QUPNFUSJTUT BOE 0QIUIBMNJD Opticians	
			%JTQFOTJOH 0QUJDJBOT	
Dental Assistants	3225		%FOUBM "TTJTUBOUT BOE 5IFSBQJTUT	
Physiotherapists and Related Associate Professionals	3226		Physiotherapists	
		p	Health Professionals Not Elsewhere Classified	Podiatrists, chiropractors, osteopaths, recreational therapists
		p	.FEJDBM BOE %FOUBM 5FDIOJDJBOT	Biomedical Engineers, Prosthesis fitters
			1IZTJPUIFSBQZ 5FDIOJDJBOT BOE "TTJTUBOUT	
Veterinary Assistants	3227		7FUFSJOBSZ 5FDIOJDJBOT BOE "TTJTUBOUT	
Pharmaceutical Assistants	3228		1IBSNBDFVUJDBM 5FDIOJDJBOT BOE "TTJTUBOUT	
Modern Health Associate Professionals (except Nursing) Not Elsewhere Classified	3229	p	5SBEJUJPOBM BOE $PNQMFNFOUBSZ .FEJDJOF Professionals	Homeopaths
			"VEJPMPHJTUT BOE 4QFFDI 5IFSBQJTUT	
		p	0QUPNFUSJTUT BOE 0QIUIBMNJD Opticians	Orthoptists
		p	Health Professionals Not Elsewhere Classified	Occupational therapists
			)FBMUI "TTPDJBUF 1SPGFTTJPOBMT Not Elsewhere Classified	
Nursing Associate Professionals	3231	p	/VSTJOH "TTPDJBUF Professionals	
Midwifery Associate Professionals	3232	p	.JEXJGFSZ "TTPDJBUF Professionals	
Traditional Medicine Practitioners	3241	p	5SBEJUJPOBM BOE $PNQMFNFOUBSZ .FEJDJOF Professionals	
		p	5SBEJUJPOBM BOE $PNQMFNFOUBSZ .FEJDJOF "TTPDJBUF 1SPGFTTJPOBMT	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Faith Healers	3242		p 3FMJHJPVT "TTPDJBUF Professionals	
Primary Education Teaching Associate Professionals	3310		p 1SJNBSZ 4DIPPM 5FBDIFST	
Pre-primary Education Teaching Associate Professionals	3320		p Early Childhood Educators	
Special Education Teaching Associate Professionals	3330		p 4QFDJBM /FFET 5FBDIFST	
Other Teaching Associate Professionals	3340		p 0UIFS -BOHVBHF 5FBDIFST	
			p 0UIFS "SUT 5FBDIFST	
			p *OGPSNBUJPO 5FDIOPMPHZ 5SBJOFST	
			p 5FBDIJOH 1SPGFTTJPOBMT /PU Elsewhere Classified	
			p "JSDSBGU 1JMPUT BOE 3FMBUFE "TTPDJBUF 1SPGFTTJPOBMT	Flying instructors
			p 'JUOFTT BOE 3FDSFBUJPO *OTUSVDUPST BOE 7PMVOUBSZ Leaders	Sailing instructors, 4DIPPM XBSEFOT BOE TJNJMBS JOTUSVDUPST
			%SJWJOH *OTUSVDUPST	
Securities and Finance Dealers and Brokers	3411		p 'JOBODJBM BOE *OWFTUNFOU "EWJTFST	
			4FDVSJUJFT BOE 'JOBODF %FBMFST BOE #SPLFST	
Insurance Representatives	3412		*OTVSBODF 3FQSFTFOUBUJWFT	
Estate Agents	3413		3FBM &TUBUF "HFOUT BOE 1SPQFSUZ .BOBHFST	
Travel Consultants and Organisers	3414		p #VTJOFTT 4FSWJDF 5SBWFM 1SPGFTTJPOBMT Elsewhere Classified	
			p 5SBWFM $POTVMUBOUT BOE $MFSLT	
Technical and Commercial Sales Representatives	3415		5FDIOJDBM BOE .FEJDBM 4BMFT 1SPGFTTJPOBMT FYDMVEJOH *$5 Information BOE $PNNVOJDBUJPOT 5FDIOPMPHZ 4BMFT 1SPGFTTJPOBMT Commercial Sales 3FQSFTFOUBUJWFT	
Buyers	3416		Buyers	
Appraisers, Valuers and Auctioneers	3417		7BMVFST BOE -PTT "TTFTTPST	
			p #VTJOFTT 4FSWJDF 7BMVFST Elsewhere Classified	
Finance and Sales Associate Professionals Not Elsewhere Classified	3419		$SFEJU BOE -PBOT 0GGJDFST	"MUIPVHI *4$0 the only correspondence MJTUFE GPS *4$0 other possibilities such as NBZ CF DPOTJEFSFE BT JT B SFTJEVBM HSPVQ

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Trade Brokers	3421		5SBEF #SPLFST	
Clearing and Forwarding Agents	3422		$MFBSJOH BOE 'PSXBSEJOH "HFOUT	
Employment Agents and Labour Contractors	3423		p &NQMPZNFOU "HFOUT BOE $POUSBDUPST	
Business Services Agents and Trade Brokers Not Elsewhere Classified	3429		p #VTJOFTT 4FSWJDFT "HFOUT BOE 5SBEFST Elsewhere Classified	Literary, music, sports agents
Administrative Secretaries and Related Associate Professionals	3431		p 0GGJDF 4VQFSWJTPST	
			p Legal Secretaries	
			p "ENJOJTUSBUJWF BOE &YFDVUJWF Secretaries	
			p .FEJDBM 4FDSFUBSJFT	
Legal and Related Business Associate Professionals	3432		-FHBM BOE 3FMBUFE "TTPDJBUF Professionals	
Bookkeepers	3433		p "DDPVOUJOH "TTPDJBUF Professionals	
Statistical, Mathematical and Related Associate Professionals	3434		p "DDPVOUJOH "TTPDJBUF Professionals	'JOBODJBM BDDPVOUJOH BTTJTUBOUT
			4UBUJTUJDBM .BUIFNBUJDBM BOE 3FMBUFE "TTPDJBUF Professionals	
Administrative Associate Professionals Not Elsewhere Classified	3439		$POGFSFODF BOE &WFOU 1MBOOFST	
			p 0GGJDF 4VQFSWJTPST	Office managers, office administrators, clerical TVQFSWJTPST
			p "ENJOJTUSBUJWF BOE &YFDVUJWF Secretaries	&YFDVUJWF TFDSFUBSJFT UP HPWFSONFOU EFQBSUNFOU IFBET BOE PGGJDJBM committees
			p (PWFSONFOU 3FHVMBUPSZ "TTPDJBUF 1SPGFTTJPOBMT /PU Elsewhere Classified	1BSMJBNFOUBSZ DPOTVMBST TJEBT 5FDIOJDJBOT /PU
			p (BMMFSZ .VTFVN Library and Related 5FDIOJDJBOT	Curators, archivists
Customs and Border Inspectors	3441		$VTUPNT BOE #PSEFS *OTQFDUPST	
Government Tax and Excise Officials	3442		(PWFSONFOU 5BY BOE &YDJTF Officials	
Government Social Benefits Officials	3443		(PWFSONFOU 4PDJBM #FOFGJUT Officials	
Government Licensing Officials	3444		(PWFSONFOU -JDFOTJOH Officials	
Customs, Tax and Related Government Associate Professionals Not Elsewhere Classified	3449		p (PWFSONFOU 3FHVMBUPSZ "TTPDJBUF 1SPGFTTJPOBMT /PU Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Police Inspectors and Detectives	3450		Police Inspectors BOE %FUFDUJWFT -FHBM BOE 3FMBUFE "TTPDJBUF Professionals	1SPGFTTJPOBMT BOE EFUFDUJWFT TUPSF EFUFDUJWFT
Social Work Associate Professionals	3460		4PDJBM 8PSL "TTPDJBUF Professionals	
Decorators and Commercial Designers	3471		1SPEVDU BOE (BSNFOU %FTJHOFST p (SBQIJD BOE .VMUJNFEJB %FTJHOFST *OUFSJPS %FTJHOFST BOE %FDPSBUPST p (BMMFSZ .VTFVN BOE 5FDIOJDJBOT	.VTFVN BOE HBMMFSZ technicians
Radio, Television and Other Announcers	3472		p Journalists "OOPVODFST PO 3BEJP 5FMFWJTJPO BOE 0UIFS .FEJB	.FEJB JOUFSWJFXFST
Street, Night-club and Related Musicians, Singers and Dancers	3473		p .VTJDJBOT 4JOHFSS BOE $PNQPTFST p %BODFST BOE $IPSFPHSBQIFST	
Clowns, Magicians, Acrobats and Related Associate Professionals	3474		$SFBUJWF BOE 1FSGPSNJOH "SUJTUT /PU &MTFXIFSF Classified p 0UIFS "SUJTUJD BOE "TTPDJBUF 1SPGFTTJPOBMT	Stunt performers, walkers and performing arts support occupations classified JO *4$0 NBZ IBWF CFFO DMBTTJGJFE JO *4$0
Athletes, Sportspersons and Related Associate Professionals	3475		"UIMFUFT BOE 4QPSUT 1MBZFST Sports Coaches, Instructors BOE 0GGJDJBMT p 'JUOFTT BOE 3FDSFBUJPO *OTUSVDUPST BOE 1SPHSBNNF Leaders	
Religious Associate Professionals	3480		p 3FMJHJPVT "TTPDJBUF Professionals	
Stenographers and Typists	4111		p 0GGJDF 4VQFSWJTPST p 5ZQJTUT BOE 8PSE 1SPDFTTJOH Operators	
Word-processor and Related Operators	4112		p 0GGJDF 4VQFSWJTPST p 5ZQJTUT BOE 8PSE 1SPDFTTJOH Operators	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Data Entry Operators	4113		p 0GGJDF 4VQFSWJTPST p %BUB &OUSZ $MFSLT	
Calculating-machine Operators	4114		p 0GGJDF 4VQFSWJTPST p %BUB &OUSZ $MFSLT	
Secretaries	4115		p 0GGJDF 4VQFSWJTPST p Legal Secretaries p .FEJDBM 4FDSFUBSJFT Secretaries (general)	
Accounting and Bookkeeping Clerks	4121		p 0GGJDF 4VQFSWJTPST "DDPVOUJOH BOE #PPLLFFQJOH Clerks Payroll Clerks	
Statistical and Finance Clerks	4122		p 0GGJDF 4VQFSWJTPST p Statistical, Finance BOE *OTVSBODF $MFSLT	$POTJEFS *4$0 JFOS DOTBUJPOBM DPOUFYUT 5IF *4$0 JOEFY JODMVEFE brokers assistants BOE JOTVSBODF DMBJNT BEKVTUNFOU BOE QPMJDZ assistants there.
Stock Clerks	4131		p 0GGJDF 4VQFSWJTPST Stock Clerks	
Production Clerks	4132		p 0GGJDF 4VQFSWJTPST Production Clerks	
Transport Clerks	4133		p 0GGJDF 4VQFSWJTPST 5SBOTQPSU $MFSLT	
Library and Filing Clerks	4141		p 0GGJDF 4VQFSWJTPST Library Clerks 'JMJOH BOE $PQZJOH $MFSLT	
Mail Carriers and Sorting Clerks	4142		p 0GGJDF 4VQFSWJTPST .BJM $BSSJFST BOE 4PSUJOH Clerks	
Coding, Proof-reading and Related Clerks	4143		.FEJDBM 3FDPSET BOE)FBMUI *OGPSNBUJPO 5FDIOJDJBOT p 0GGJDF 4VQFSWJTPST Coding, Proofreading BOE 3FMBUFE $MFSLT	
Scribes and Related Workers	4144		4DSJCFT BOE 3FMBUFE 8PSLFST	
Other Office Clerks	4190		p 0GGJDF 4VQFSWJTPST (FOFSBM 0GGJDF $MFSLT 4VSWFZ BOE .BSLFU 3FTFBSDI *OUFSWJFXFST Personnel Clerks Clerical Support Workers Not Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Cashiers and Ticket Clerks	4211		p #BOL 5FMMFST BOE 3FMBUFE $MFSLT p Bookmakers, Croupiers and Related Workers	Bank Tellers & Clerk, bookmaking coded UP 8PSLFST JO *4$0 JOEFY $BTIJFST BOE 5JDLFU $MFSLT
Tellers and Other Counter Clerks	4212		p #BOL 5FMMFST BOE /PO#BOL 3FMBUFE Clerks	UP *4$0 JOEFY DPEFE "TTJTUBOU CBO UP -FHBM BOE 3FMBUFE #VTJOFTT "TTPDJBUF Professionals.
Bookmakers and Croupiers	4213		p Bookmakers, Croupiers and Related Workers	BOE 3FMBUFE (BNJOH 8PSLFST
Pawnbrokers and Money-lenders	4214		Pawnbrokers and Related Workers	BOE .POFZ MFOEFST
Debt-collectors and Related Workers	4215		%FCU $PMMFDUPST BOE 3FMBUFE Workers	
Travel Agency and Related Clerks	4221		p 5SBWFM $POTVMUBOUT BOE $MFSLT	
Receptionists and Information Clerks	4222		p 0GGJDF 4VQFSWJTPST Contact Centre Information Clerks Hotel Receptionists *ORVJSZ $MFSLT Receptionists (general) Client Information Workers Not Elsewhere Classified	
Telephone Switchboard Operators	4223		p 0GGJDF 4VQFSWJTPST 5FMFQIPOF 4XJUDICPBSE Operators	
Travel Attendants and Travel Stewards	5111		p 5SBWFM $POTVMUBOUT BOE $MFSLT 5SBWFM "UUFOEBOUT BOE 5SBWFM Stewards	"JSQPSU DIFD
Transport Conductors	5112		5SBOTQPSU $POEVDUPST	
Travel Guides	5113		5SBWFM (VJEFT	
Housekeepers and Related Workers	5121		$MFBOJOH BOE)PVTFLFFQJOH 4VQFSWJTPST JO 0GGJDFT)PUFMT BOE 0UIFS &TUBCMJTINFOUT %PNFTUJD)PVTFLFFQFST	
Cooks	5122		Chefs Cooks Fast Food Preparers	
Waiters, Waitresses and Bartenders	5123		Waiters Bartenders	
Child-care Workers	5131		Child Care Workers 5FBDIFST "JEFT	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Institution-based Personal Care Workers	5132		"NCVMBODF 8PSLFST)FBMUI $BSF "TTJTUBOUT Personal Care Workers in)FBMUI 4FSWJDFT /PU &MTFXIFSF Classified	Hospital orderlies, medical imaging assistants, dental aides
Home-based Personal Care Workers	5133		Home-based Personal Care Workers	
Personal Care and Related Workers Not Elsewhere Classified	5139		1FU (SPPNFST BOE Veterinary Aides Workers Personal Care Workers in)FBMUI 4FSWJDFT /PU &MTFXIFSF Classified	
Hairdressers, Barbers, Beauticians and Related Workers	5141		Hairdressers #FBVUJDJBOT BOE 3FMBUFE Workers	
Companions and Valets	5142		$PNQBOJPOT BOE 7BMFUT	
Undertakers and Embalmers	5143		6OEFSUBLFST BOE &NCBMNFST	
Other Personal Services Workers Not Elsewhere Classified	5149		1FSTPOBM 4FSWJDFT 8PSLFST /PU Elsewhere Classified	
Astrologers and Related Workers	5151	p	"TUSPMPHFST 'PSUVOF UFMMFST BOE 3FMBUFE 8PSLFST	
Fortune-tellers, Palmists and Related Workers	5152	p	"TUSPMPHFST 'PSUVOF UFMMFST BOE 3FMBUFE 8PSLFST	
Fire-fighters	5161		Firefighters	
Police Officers	5162		Police Officers	
Prison Guards	5163		1SJTPO (VBSET	
Protective Services Workers Not Elsewhere Classified	5169	p	4FDVSJUZ (VBSET 1SPUFDUJWF 4FSWJDFT 8PSLFST Not Elsewhere Classified	
Fashion and Other Models	5210		'BTIJPO BOE 0UIFS .PEFMT	
Shop Salespersons and Demonstrators	5220		4IPQ 4VQFSWJTPST 4IPQ 4BMFT "TTJTUBOUT 4BMFT %FNPOTUSBUPST 4FSWJDF 4UBUJPO "UUFOEBOUT	
		p	'PPE 4FSWJDF $PVOUFS "UUFOEBOUT	
			Sales Workers Not Elsewhere Classified	Rental salespersons
Stall and Market Salespersons	5230		4UBMM BOE .BSLFU 4BMFTQFSTPOT	
		p	'PPE 4FSWJDF $PVOUFS "UUFOEBOUT	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Field Crop and Vegetable Growers	6111		p 'JFME $SPQ BOE 7FHFUBCMF (SPXFST	
Tree and Shrub Crop Growers	6112		p 5SFF BOE 4ISVC $SPQ (SPXFST	
Gardeners, Horticultural and Nursery Growers	6113		p (BSEFOFST)PSUJDVMUVSBM BOE /VSTFSZ (SPXFST	
			(BSEFO BOE)PSUJD"WMUVSBM HBSEFO MBCPVSFST Labourers	should logically be DMBTTJGJFE JO *4$0 9211, they were not specifically mentioned in UIF EFGJOJUJPO PS UIF JOEFY It is likely that some garden BOE IPSUJDVMUVSBM XPSLFST DMBTTJGJFE JO *4$0 XFSF DMBTTJGJFE JO DFSUBJO OBUJPOBM DPOUFYU JO *4$0
Mixed-crop Growers	6114		p .JYFE $SPQ (SPXFST	
Dairy and Livestock Producers	6121		p -JWFTUPDL BOE %BJSZ 1SPEVDFST	
Poultry Producers	6122		p Poultry Producers	
Apiarists and Sericulturists	6123		p "QJBSJTUT BOE 4FSJDVMUVSJTUT	
Mixed-animal Producers	6124		p -JWFTUPDL BOE %BJSZ 1SPEVDFST	
			p Poultry Producers	
			p "QJBSJTUT BOE 4FSJDVMUVSJTUT	
Market-oriented Animal Producers and Related Workers Not Elsewhere Classified	6129		1FU (SPPNFST BOE "OJNBM $BSF Workers	
			"OJNBM 1SPEVDFST /PU Elsewhere Classified	
Market-oriented Crop and Animal Producers	6130		p .JYFE $SPQ BOE "OJNBM Producers	
Forestry Workers and Loggers	6141		p 'PSFTUSZ BOE 3FMBUFE 8PSLFST	
Charcoal Burners and Related Workers	6142		p 'PSFTUSZ BOE 3FMBUFE 8PSLFST	
Aquatic-life Cultivation Workers	6151		p "RVBDVMUVSF 8PSLFST	
Inland and Coastal Waters Fishery Workers	6152		p *OMBOE BOE $PBTUBM 8BUFST Fishery Workers	
			p 6OEFSXBUFS %JWFST	%JWFST GPS TQPOHF BOE PUIFS BRVBUJD QSPEVDU
Deep-sea Fishery Workers	6153		p %FFQ TFB 'JTIFSZ 8PSLFST	
Hunters and Trappers	6154		)VOUFST BOE 5SBQQFST	
Subsistence Agricultural and Fishery Workers	6210		Subsistence Crop Farmers	
			4VCTJTUFODF -JWFTUPDL 'BSNFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Subsistence Agricultural and Fishery Workers			4VCTJTUFODF .JYFE $SPQ BOE -JWFTUPDL 'BSNFST	
			Subsistence Fishers, Hunters, 5SBQQFST BOE (BUIFSFST	
Miners and Quarry Workers	7111		.JOJOH 4VQFSWJTPST	
		p	.JOFST BOE 2VBSSJFST	
Shotfirers and Blasters	7112		4IPUGJSFST BOE #MBTUFST	
Stone Splitters, Cutters and Carvers	7113	p	Stonemasons, Stone Cutters, 4QMJUUFST BOE $BSWFST	
Builders, Traditional Materials	7121	7111	p House Builders	
Bricklayers and Stonemasons	7122	7112	#SJDLMBZFST BOE 3FMBUFE Workers	
		p	Stonemasons, Stone Cutters, 4QMJUUFST BOE $BSWFST	
Concrete Placers, Concrete Finishers and Related Workers	7123		Concrete Placers, Concrete 'JOJTIFST BOE 3FMBUFE 8PSLFST	
Carpenters and Joiners	7124		$BSQFOUFST BOE +PJOFST	
Building Frame and Related Trades Workers Not Elsewhere Classified	7129	p	$POTUSVDUJPO 4VQFSWJTPST	
		7111	p House Builders	House builders not using traditional materials
		7119	#VJMEJOH 'SBNF BOE 3FMBUFE 5SBEFT 8PSLFST /PU &MTFXIFSF Classified	
Roofers	7131	7121	Roofers	
Floor Layers and Tile Setters	7132	7122	'MPPS -BZFST BOE 5JMF 4FUUFST	
Plasterers	7133		Plasterers	
Insulation Workers	7134		Insulation Workers	
Glaziers	7135		(MB[JFST	
Plumbers and Pipe Fitters	7136		1MVNCFST BOE 1JQF 'JUUFST	
Building and Related Electricians	7137		#VJMEJOH BOE 3FMBUFE Electricians	
Painters and Related Workers	7141		1BJOUFST BOE 3FMBUFE 8PSLFST	
Varnishers and Related Painters	7142		4QSBZ 1BJOUFST BOE 7BSOJTIFST	
Building Structure Cleaners	7143		Building Structure Cleaners	
			'VNJHBUPST BOE 0UIFS 1FTU BOE 8FFE $POUSPMMFST	
Metal Moulders and Coremakers	7211	7211	p .FUBM .PVMEFST BOE $PSFNBLFST	
Welders and Flamecutters	7212	7212	8FMEFST BOE 'MBNF $VUUFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Sheet-metal Workers	7213		4IFFU .FUBM 8PSLFST	
Structural-metal Preparers and Erectors	7214		4USVDUVSBM .FUBM 1SFQBSFST BOE &SFDUPST	
Riggers and Cable Splicers	7215		3JHHFST BOE $BCMF 4QMJDFST	
Underwater Workers	7216		p 6OEFSXBUFS %JWFST	
Blacksmiths, Hammer-smiths and Forging-press Workers	7221	7221	Blacksmiths, Hammersmiths BOE 'PSHJOH 1SFTT 8PSLFST	
Tool-makers and Related Workers	7222	7222	5PPMNBLFST BOE 3FMBUFE Workers	
Machine-tool Setters and Setter-operators	7223		p .FUBM 8PSLJOH .BDIJOF 5PPM 4FUUFST BOE 0QFSBUPST	
			p Handicraft Workers Not Elsewhere Classified	.FUBM UPZNBLFST
Metal Wheel-grinders, Polishers and Tool Sharpeners	7224		.FUBM 1PMJTIFST 8IFFM (SJOEFST BOE 5PPM 4IBQFOFST	
Motor Vehicle Mechanics and Fitters	7231		.PUPS 7FIJDMF .FDIBOJDT BOE 3FQBJSFST	
			#JDZDMF BOE 3FMBUFE 3FQBJSFST	
Aircraft Engine Mechanics and Fitters	7232		"JSDSBGU &OHJOF .FDIBOJDT BOE 3FQBJSFST	
Agricultural- or Industrial-machinery Mechanics and Fitters	7233	7127	"JS $POEJUJPOJOH BOE 3FGSJHFSBUJPO .FDIBOJDT	
			"HSJDVMUVSBM BOE *OEVTUSJBM .BDIJOFSZ .FDIBOJDT BOE 3FQBJSFST	
Electrical Mechanics and Fitters	7241		&MFDUSJDBM .FDIBOJDT BOE 'JUUFST	
Electronics Fitters	7242		p &MFDUSPOJDT .FDIBOJDT BOE 4FSWJDFST	
			p Information BOE $PNNVOJDBUJPOT 5FDIOPMPHZ *OTUBMMFST BOE 4FSWJDFST	
Electronics Mechanics and Servicers	7243		p &MFDUSPOJDT .FDIBOJDT BOE 4FSWJDFST	
			p Information and $PNNVOJDBUJPOT 5FDIOPMPHZ *OTUBMMFST BOE 4FSWJDFST	
Telegraph and Telephone Installers and Servicers	7244		p Information and $PNNVOJDBUJPOT 5FDIOPMPHZ *OTUBMMFST BOE 4FSWJDFST	
Electrical Line Installers, Repairers and Cable Jointers	7245		Electrical Line Installers BOE 3FQBJSFST	
			p Information and $PNNVOJDBUJPOT 5FDIOPMPHZ *OTUBMMFST BOE 4FSWJDFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Precision-instrument Makers and Repairers	7311		p .FEJDBM BOE %FOUBM 1SPTUIFUJD 5FDIOJDJBOT	
			1SFDJTJPO JOTUSVNFOU .BLFST BOE 3FQBJSFST	
Musical-instrument Makers and Tuners	7312		.VTJDBM *OTUSVNFOU .BLFST BOE 5VOFST	
Jewellery and Precious-metal Workers	7313		+FXFMMFSZ BOE 1SFDJPVT .FUBM Workers	
Abrasive Wheel Formers, Potters and Related Workers	7321		1PUUFST BOE 3FMBUFE 8PSLFST	
Glass-makers, Cutters, Grinders and Finishers	7322		(MBTT .BLFST $VUUFST (SJOEFST BOE 'JOJTIFST	
			$SBGU BOE 3FMBUFE Engravers, Glass Polishers, Grinders, Elsewhere Classified	NPVMEFST BOE TMJDFST
Glass Engravers and Etchers	7323		p 4JHOXSJUFST %FDPSBUJWF 1BJOUFST &OHSBWFST BOE &UDIFST	
Glass, Ceramics and Related Decorative Painters	7324		p 4JHOXSJUFST %FDPSBUJWF 1BJOUFST &OHSBWFST BOE &UDIFST	
Handicraft Workers in Wood and Related Materials	7331		p Handicraft Workers in Wood, #BTLFUSZ BOE 3FMBUFE .BUFSJBMT	
			p Handicraft Workers Not Elsewhere Classified	
Handicraft Workers in Textile, Leather and Related Materials	7332		p)BOEJDSBGU 8PSLFST JO 5FYUJMF -FBUIFS BOE 3FMBUFE .BUFSJBMT	
Compositors, Typesetters and Related Workers	7341		p 1SF QSFTT 5FDIOJDJBOT	
			p Printers	Printers, printing machine setters, takers-off
Stereotypers and Electrotypers	7342		p 1SF QSFTT 5FDIOJDJBOT	
Printing Engravers and Etchers	7343		p 1SF QSFTT 5FDIOJDJBOT	
Photographic and Related Workers	7344		p Photographic Products .BDIJOF 0QFSBUPST	
Bookbinders and Related Workers	7345		p 1SJOU 'JOJTIJOH BOE #JOEJOH Workers	
Silk-screen, Block and Textile Printers	7346		p Printers	
Butchers, Fishmongers and Related Food Preparers	7411		Butchers, Fishmongers BOE 3FMBUFE 'PPE 1SFQBSFST	
Bakers, Pastry-cooks and Confectionery Makers	7412		Bakers, Pastry-cooks BOE $PGGFDUJPOFSZ .BLFST	
Dairy-products Makers	7413		%BJSZ 1SPEVDUT .BLFST	
Fruit, Vegetable and Related Preservers	7414		'SVJU 7FHFUBCMF BOE 3FMBUFE 1SFTFSWFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Food and Beverage Tasters and Graders	7415		'PPE BOE #FWFSBHF 5BTUFST BOE (SBEFST	
Tobacco Preparers and Tobacco Products Makers	7416		5PCBDDP 1SFQBSFST BOE 5PCBDDP 1SPEVDUT .BLFST	
Wood Treaters	7421		p 8PPE 5SFBUFST	
Cabinet-makers and Related Workers	7422		$BCJOFU NBLFST BOE 3FMBUFE Workers	
Woodworking-machine Setters and Setter-operators	7423		p 8PPEXPSLJOH .BDIJOF 5PPM 4FUUFST BOE 0QFSBUPST	
Basketry Weavers, Brush Makers and Related Workers	7424		p Handicraft Workers in Wood, #BTLFUSZ BOE 3FMBUFE .BUFSJBMT	
Fibre Preparers	7431		p)BOEJDSBGU 8PSLFST JO 5FYUJMF -FBUIFS BOE 3FMBUFE .BUFSJBMT	
Weavers, Knitters and Related Workers	7432		p)BOEJDSBGU 8PSLFST JO 5FYUJMF -FBUIFS BOE 3FMBUFE .BUFSJBMT	
			p 8FBWJOH BOE ,OJUUJOH Operators	8FBWJOH BOE LOJUUJOH machine setters
Tailors, Dressmakers and Hatters	7433		p 5BJMPST %SFTTNBLFST 'VSSJFST BOE)BUUFST	
Furriers and Related Workers	7434		p 5BJMPST %SFTTNBLFST 'VSSJFST BOE)BUUFST	
Textile, Leather and Related Pattern-makers and Cutters	7435		(BSNFOU BOE 3FMBUFE 1BUUFSONBLFST BOE $VUUFST	
Sewers, Embroiderers and Related Workers	7436		Sewing, Embroidery BOE 3FMBUFE 8PSLFST	
Upholsterers and Related Workers	7437		6QIPMTUFSFST BOE 3FMBUFE Workers	
Pelt Dressers, Tanners and Fellmongers	7441		1FMU %SFTTFST 5BOOFST BOE 'FMMNPOHFST	
Shoe-makers and Related Workers	7442		4IPFNBLFST BOE 3FMBUFE Workers	
Mining-plant Operators	8111		.JOJOH 4VQFSWJTPST	
			p .JOFST BOE 2VBSSJFST	
Mineral-ore- and Stone-processing-plant Operators	8112		.JOFSBM BOE 4UPOF 1SPDFTTJOH Plant Operators	
Well Drillers and Borers and Related Workers	8113		8FMM %SJMMFST BOE #PSFST BOE 3FMBUFE 8PSLFST	
Ore and Metal Furnace Operators	8121		p .FUBM 1SPEVDUJPO 1SPDFTT Controllers	
			p .FUBM 1SPDFTTJOH 1MBOU Operators	
Metal Melters, Casters and Rolling-mill Operators	8122		p .FUBM 1SPEVDUJPO 1SPDFTT Controllers	
			p .FUBM 1SPDFTTJOH 1MBOU Operators	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Metal-heat-treating-plant Operators	8123		p .FUBM 1SPEVDUJPO 1SPDFTT Controllers p .FUBM 1SPDFTTJOH 1MBOU Operators	
Metal Drawers and Extruders	8124		p .FUBM 1SPEVDUJPO 1SPDFTT Controllers p .FUBM 1SPDFTTJOH 1MBOU Operators	
Glass and Ceramics Kiln and Related Machine Operators	8131		p (MBTT BOE $FSBNJDT 1MBOU Operators	
Glass, Ceramics and Related Plant Operators Not Elsewhere Classified	8139		p (MBTT BOE $FSBNJDT 1MBOU Operators	
Wood-processing-plant Operators	8141		Wood Processing Plant Operators	
Paper-pulp Plant Operators	8142		p 1SPDFTT $POUSPM 5FDIOJDJBOT Not Elsewhere Classified p 1VMQ BOE 1BQFSNBLJOH 1MBOU Operators	
Papermaking-plant Operators	8143		p 1SPDFTT $POUSPM 5FDIOJDJBOT Not Elsewhere Classified p 1VMQ BOE 1BQFSNBLJOH 1MBOU Operators	
Crushing-, Grinding- and Chemical-mixing Machinery Operators	8151		p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Chemical-heat-treating-plant Operators	8152		p Chemical Processing Plant Controllers p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Chemical-filtering- and Separating-equipment Operators	8153		p Chemical Processing Plant Controllers p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Chemical-still and Reactor operators (except Petroleum and Natural Gas)	8154		p Chemical Processing Plant Controllers p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Petroleum- and Natural-gas-refining-plant Operators	8155		1FUSPMFVN BOE /BUVSBM (BT Refining Plant Operators p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	Operators of compounders BUPST PUIFS TJOHMF QSPDFTT QMBOU BOE NBDIJOFSZ JO QFUSPMFVN BOE HBT refineries
Chemical-processing-plant Operators Not Elsewhere Classified	8159		p Chemical Processing Plant Controllers p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Power-production Plant Operators	8161		Power Production Plant Operators	
Steam-engine and Boiler Operators	8162		4UFBN &OHJOF BOE #PJMFS Operators	
Incinerator, water-treatment and Related Plant Operators	8163		*ODJOFSBUPS BOE 8BUFS 5SFBUNFOU 1MBOU 0QFSBUPST	
Automated-assembly-line Operators	8171		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p 1SPDFTT $POUSPM 5FDIOJDJBOT Not Elsewhere Classified	
Industrial-robot Operators	8172		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p 1SPDFTT $POUSPM 5FDIOJDJBOT Not Elsewhere Classified	
Machine-tool Operators	8211		p .BOVGBDUVSJOH 4VQFSWJTPST	
		7211	p .FUBM .PVMEFST BOE $PSFNBLFST	Coremaking machine operators
			p .FUBM 8PSLJOH .BDIJOF 5PPM 4FUUFST BOE 0QFSBUPST	
Cement and Other Mineral Products Machine Operators	8212		$FNFOU 4UPOF BOE 0UIFS .JOFSBM 1SPEVDUT .BDIJOF Operators	
Pharmaceutical- and Toiletry-products Machine Operators	8221		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Ammunition- and Explosive-products Machine Operators	8222		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Metal Finishing-, Plating- and Coating-machine Operators	8223		p .BOVGBDUVSJOH 4VQFSWJTPST	
			.FUBM 'JOJTIJOH 1MBUJOH BOE $PBUJOH .BDIJOF Operators	
Photographic-products Machine Operators	8224		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p Photographic Products .BDIJOF 0QFSBUPST	
Chemical-products Machine Operators Not Elsewhere Classified	8229		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p Chemical Products Plant BOE .BDIJOF 0QFSBUPST	
Rubber-products Machine Operators	8231		p .BOVGBDUVSJOH 4VQFSWJTPST	
			3VCCFS 1SPEVDUT .BDIJOF Operators	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Plastic-products Machine Operators	8232		p .BOVGBDUVSJOH 4VQFSWJTPST 1MBTUJD 1SPEVDUT .BDIJOF Operators	
Wood-products Machine Operators	8240		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p 8PPE 5SFBUFST	Wood treating machine operators
			p 8PPEXPSLJOH .BDIJOF 5PPM 4FUUFST BOE 0QFSBUPST	
Printing-machine Operators	8251		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p Printers	
Bookbinding-machine Operators	8252		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p 1SJOU 'JOJTIJOH BOE #JOEJOH Workers	
Paper-products Machine Operators	8253		p .BOVGBDUVSJOH 4VQFSWJTPST 1BQFS 1SPEVDUT .BDIJOF Operators	
Fibre-preparing-, Spinning- and Winding-machine Operators	8261		p .BOVGBDUVSJOH 4VQFSWJTPST Fibre Preparing, Spinning BOE 8JOEJOH .BDIJOF Operators	
Weaving- and Knitting-machine Operators	8262		p .BOVGBDUVSJOH 4VQFSWJTPST	
			p 8FBWJOH BOE ,OJUUJOH .BDIJOF Operators	
Sewing-machine Operators	8263		p .BOVGBDUVSJOH 4VQFSWJTPST 4FXJOH .BDIJOF 0QFSBUPST	
Bleaching-, Dyeing- and Cleaning-machine Operators	8264		p .BOVGBDUVSJOH 4VQFSWJTPST #MFBDIJOH %ZFJOH BOE 'BCSJD $MFBOJOH .BDIJOF 0QFSBUPST -BVOESZ .BDIJOF 0QFSBUPST	
Fur- and Leather-preparing-machine Operators	8265		p .BOVGBDUVSJOH 4VQFSWJTPST 'VS BOE -FBUIFS 1SFQBSJOH .BDIJOF 0QFSBUPST	
Shoemaking- and Related Machine Operators	8266		p .BOVGBDUVSJOH 4VQFSWJTPST 4IPFNBLJOH BOE 3FMBUFE .BDIJOF 0QFSBUPST	
Textile-, Fur- and Leather-products Machine Operators Not Elsewhere Classified	8269		p .BOVGBDUVSJOH 4VQFSWJTPST 5FYUJMF 'VS BOE -FBUIFS 1SPEVDUT .BDIJOF 0QFSBUPST Not Elsewhere Classified	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Meat- and Fish-processing-machine Operators	8271		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Dairy-products Machine Operators	8272		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Grain- and Spice-milling-machine Operators	8273		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Baked-goods, Cereal and Chocolate-products-machine Operators	8274		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Fruit-, Vegetable- and Nut-processing-machine Operators	8275		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Sugar Production Machine Operators	8276		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Tea-, Coffee- and Cocoa-processing-machine Operators	8277		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Brewers-, Wine and Other Beverage Machine Operators	8278		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Tobacco Production Machine Operators	8279		p .BOVGBDUVSJOH 4VQFSWJTPST p 'PPE BOE 3FMBUFE 1SPEVDUT .BDIJOF 0QFSBUPST	
Mechanical-machinery Assemblers	8281		p .BOVGBDUVSJOH 4VQFSWJTPST .FDIBOJDBM .BDIJOFSZ "TTFNCMFST	
Electrical-equipment Assemblers	8282		p .BOVGBDUVSJOH 4VQFSWJTPST p &MFDUSJDBM BOE &MFDUSPOJD &RVJQNFOU "TTFNCMFST	
Electronic-equipment Assemblers	8283		p .BOVGBDUVSJOH 4VQFSWJTPST p &MFDUSJDBM BOE &MFDUSPOJD &RVJQNFOU "TTFNCMFST	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Metal-, Rubber- and Plastic-products Assemblers	8284		p .BOVGBDUVSJOH 4VQFSWJTPST p "TTFNCMFST /PU &MTFXIFSF Classified	
Wood and Related Products Assemblers	8285		p .BOVGBDUVSJOH 4VQFSWJTPST p "TTFNCMFST /PU &MTFXIFSF Classified	
Paperboard, Textile and Related Products Assemblers	8286		p .BOVGBDUVSJOH 4VQFSWJTPST p "TTFNCMFST /PU &MTFXIFSF Classified	
Other Machine Operators and Assemblers	8290		p .BOVGBDUVSJOH 4VQFSWJTPST 1BDLJOH #PUUMJOH BOE -BCFMMJOH .BDIJOF 0QFSBUPST 4UBUJPOBSZ 1MBOU BOE .BDIJOF Operators Not Elsewhere Classified p "TTFNCMFST /PU &MTFXIFSF Classified	
Locomotive-engine Drivers	8311		-PDPNPUJWF &OHJOF %SJWFST	
Railway Brakers, Signallers and Shunters	8312		Railway Brake, Signal BOE 4XJUDI 0QFSBUPST	
Motor-cycle Drivers	8321		.PUPSDZDMF %SJWFST	
Car, Taxi and Van Drivers	8322		$BS 5BYJ BOE 7BO %SJWFST	
Bus and Tram Drivers	8323		#VT BOE 5SBN %SJWFST	
Heavy Truck and Lorry Drivers	8324		)FBWZ 5SVDL BOE -PSSZ %SJWFST	
Motorised Farm and Forestry Plant Operators	8331		.PCJMF 'BSN BOE 'PSFTUSZ Plant Operators	
Earth-moving- and Related Plant Operators	8332		&BSUINPWJOH BOE 3FMBUFE 1MBOU Operators	
Crane, Hoist and Related Plant Operators	8333		$SBOF)PJTU BOE 3FMBUFE 1MBOU Operators	
Lifting-truck Operators	8334		-JGUJOH 5SVDL 0QFSBUPST	
Ships Deck Crews and Related Workers	8340		4IJQT %FDL $SFXT BOE 3FMBUFE Workers	
Street Food Vendors	9111		Street Food Salespersons	
Street Vendors, Non-food Products	9112		4USFFU 7FOEPST FYDMVEJOH Food)	
Door-to-door and Telephone Salespersons	9113		%PPS UP EPPS TBMFTQFSTPOT Contact Centre Salespersons	
Shoe Cleaning and Other Street Services Elementary Occupations	9120		4USFFU BOE 3FMBUFE 4FSWJDF Workers	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Domestic Helpers and Cleaners	9131	9111	%PNFTUJD $MFBOFST BOE)FMQFST	
Helpers and Cleaners in Offices, Hotels and Other Establishments	9132	9112	$MFBOFST BOE)FMQFST JO 0GGJDFT)PUFMT BOE 0UIFS Establishments	
			Kitchen Helpers	
Hand-launderers and Pressers	9133	9121	)BOE -BVOEFSFST BOE 1SFTTFST	
Building Caretakers	9141		Building Caretakers	
Vehicle, Window and Related Cleaners	9142	9122	Vehicle Cleaners	
			Window Cleaners	
		9129	Other Cleaning Workers	
Messengers, Package and Luggage Porters and Deliverers	9151		p .FTTFOHFST 1BDLBHF %FMJWFSFST BOE -VHHBHF 1PSUFST	
Doorkeepers, Watchpersons and Related Workers	9152		p 4FDVSJUZ (VBSET	
			p .FTTFOHFST 1BDLBHF %FMJWFSFST BOE -VHHBHF 1PSUFST	Duplicate of 9151
			Elementary Workers Not Elsewhere Classified	
Vending-machine Money Collectors, Meter Readers and Related Workers	9153		.FUFS 3FBEFST BOE 7FOEJOH machine Collectors	
Garbage Collectors	9161		(BSCBHF BOE 3FDZDMJOH Collectors	
			Refuse Sorters	
Sweepers and Related Labourers	9162		4XFFQFST BOE 3FMBUFE Labourers	
			Odd-job Persons	
			8BUFS BOE 'JSFXPPE $PNNFDUPST	
Farm-hands and Labourers	9211	9211	Crop Farm Labourers	
		9212	-JWFTUPDL 'BSN -BCPVSFST	
			.JYFE $SPQ BOE -JWFTUPDL Farm Labourers	
			(BSEFO BOE)PSUJDVMUVSBM Labourers	
Forestry Labourers	9212		Forestry Labourers	
Fishery, Hunting and Trapping Labourers	9213		'JTIFSZ BOE "RVBDVMUVSF Labourers	
Mining and Quarrying Labourers	9311		.JOJOH BOE 2VBSSZJOH Labourers	
Construction and Maintenance Labourers: Roads, Dams and Similar Constructions	9312		$JWJM &OHJOFFSJOH -BCPVSFST	
Building Construction Labourers	9313		Building Construction Labourers	

ISCO-88 title	ISCO-88 code	ISCO-08 code	ISCO-08 title	Comments
Assembling Labourers	9321		p .BOVGBDUVSJOH -BCPVSFST /PU Elsewhere Classified	
Hand Packers and Other Manufacturing Labourers	9322		)BOE 1BDLFST	
			p .BOVGBDUVSJOH -BCPVSFST /PU Elsewhere Classified	
Hand or Pedal Vehicle Drivers	9331		)BOE BOE 1FEBM 7FIJDMF %SJWFST	
Drivers of Animal-drawn Vehicles and Machinery	9332		%SJWFST PG "OJNBM ESBXO 7FIJDMFT BOE .BDIJOFSZ	
Freight Handlers	9333		Freight Handlers	
			Shelf Fillers	
Armed Forces	0110	0110	$PNNJTTJPOFE "SNFE 'PSDFT Officers	
		0210	/PO DPNNJTTJPOFE "SNFE Forces Officers	
			"SNFE 'PSDFT 0DDVQBUJPOT Other Ranks	