2011 Journey to Work User Guide v1.3

January 2014 Release

Last updated: 20.01.2014

NSW GOVERNMENT | **Bureau of Transport Statistics**

THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK

2011 Journey to Work User Guide

Version	Release date	Description
1.0	19.04.2013	• Initial release
1.1	16.05.2013	• Minor edits
1.2	28.06.2013	• Added list of JTW tables in Sec 2.2 including info about number of rows and scope. • Updated Sec 2.1 about scope
1.3	20.01.2014	• Added description and list of EH tables in Sec 2.2. • Updated comments about over time comparison in Sec 2.5. • Other minor edits.

2011 Journey to Work User Guide

1. About this publication

This publication is a guide to assist those using the Bureau of Transport Statistics (BTS) 2011 Journey to Work (JTW) dataset. These data are derived from the 2011 Census of Population and Housing conducted by the Australian Bureau of Statistics (ABS). It includes data on employment by industry and occupation; the workers' place of usual residence, place of work and socio-demographic characteristics; as well as method of travel to work up to a fine geographical level known as the **Travel Zone** (TZ). This information is a valuable resource for the analysis and forecasting of employment, commuting patterns and land use changes.

Users should note that the BTS 2011 JTW data are an enhanced version of the dataset that is normally supplied by the ABS as part of their *standard* Census products. The main differences between the two datasets are:

- The BTS JTW dataset does not contain any data assigned to dump codes[1], whereas the ABS' standard release datasets include dump codes.
- The travel zone geography used in the BTS JTW dataset (BTS 2011 Travel Zone System) is at a finer level than that used for coding workplace address in the Census (2011 Destination Zone System). There are 3,517 BTS travel zones for New South Wales (NSW) compared to 3,148 ABS Census Destination Zones for NSW.

For the first time, the ABS undertook, on behalf of and under the direction of the BTS, the imputation of dump code data to travel zones. This imputation process is described in detail in Section 3. The ABS imputed the data for all of Australia, but BTS publishes data for NSW only. Imputed data for other jurisdictions may be requested directly from the ABS for a fee.

This user guide is a comprehensive resource for understanding the JTW data and contains the following sections:

> **Section 2**   About the JTW Data
> This section describes the key characteristics of the JTW dataset. The discussion covers topics such as scope, variables, list of JTW tables, over time comparison, and differences between the JTW data and other employment data.

> **Section 3**   Methodology
> This section covers the methodological processes that were involved in the production of the JTW data. It documents travel zone redesign, work address imputation and confidentialisation processes.

> **Appendix**
> The Appendix contains reference material such as the Census Household form, maps, lists of geographic and other variable codes and classifications, as well as a list of acronyms and variable definitions.

---

[1] Dump codes are codes assigned to records with incomplete workplace address information. ABS standard Census outputs include the following types of dump zones: 9099 Capital city undefined, 9899 State undefined, 9999 SA2 undefined and &&&& Not stated.

2. About the JTW Data

This section outlines the main technical aspects of the JTW dataset.

2.1 Scope

Unless otherwise specified, the scope of the 2011 JTW tables is as follows:

Origin: Employed persons aged 15 and over whose usual residence is in NSW including those with no fixed address but defined to be in NSW.

OR

Destination: Employed persons aged 15 and over who (a) work in a fixed place of work in NSW and, (b) those with a no fixed place of work (NFA) defined to be in NSW

Due to travel zone redesign and the splitting of the 3,148 ABS destination travel zones to 3,517 BTS travel zones, tables will include fractional counts of persons. This is to maintain control totals for each table.

2.2 JTW Tables

The BTS has released two sets of JTW tables for 2011:

a) Tables 1-19: Standard set of tables with counts of workers based on a combination of employment and person variables.

b) Tables EH1-EH12: Enumerated at home (EH) set. This set of tables contains different variables to the first release tables 1 to 19, including the addition of a usual address indicator variable (UAICP) that flags whether the respondent was enumerated at home or elsewhere on census day. The table numbering is different for the two datasets.

Standard JTW tables

Table name	Variables[2]	Rows of data[3]	Scope
Table 1	OSA2 by DSA2	97,363	Jobs (DTZ) in NSW
Table 2	DTZ by Industry (4 digit)	264,432	Jobs (DTZ) in NSW
Table 3	DTZ by Occupation (4 digit)	328,186	Jobs (DTZ) in NSW
Table 4	DTZ by Industry (1 digit) by Mode15	200,486	Jobs (DTZ) in NSW
Table 5	DTZ by Occupation (1 digit) by Mode15	157,724	Jobs (DTZ) in NSW
Table 6	DTZ by Industry (2 digit) by Occupation (1 digit)	317,300	Jobs (DTZ) in NSW
Table 7	DSA2 by Industry (1 digit) by Occupation (2 digit)	205,752	Jobs (DTZ) in NSW
Table 8	OSLA by DSLA by Industry (1 digit)	81,785	Jobs (DTZ) in NSW
Table 9	OSA3 by DSA3 by Industry (2 digit)	101,961	Jobs (DTZ) in NSW
Table 10	OSLA by DSLA by Mode32	56,926	Jobs (DTZ) in NSW

---

[2] The finest geographic level is listed here but broader geographies are also provided in the JTW data tables.
[3] Excludes column headers.

Table name	Variables[2]	Rows of data[3]	Scope
Table 11	OTZ by DTZ	572,534	Jobs (DTZ) in NSW
Table 12	OSA2 by DTZ by Mode9	426,819	Jobs (DTZ) in NSW
Table 13	OTZ by DSA2 by Mode9	474,883	Jobs (DTZ) in NSW
Table 14	OTZ by Mode235	58,252	Workers who live (OTZ) in NSW
Table 15	DTZ by Mode235	50,996	Jobs (DTZ) in NSW
Table 16	DSA2 by Income11 by Agegroup7 by Sex by Mode9	264,201	Jobs (DSA2) in NSW
Table 17	OSA2 by DSA2 by Mode15	229,671	Jobs (DSA2) in NSW
Table 18	DSA2 by Industry (1 digit) by Occupation (1 digit) by Mode15	242,166	Jobs (DSA2) in NSW
Table 19	OTZ by DTZ by mode9	756,557	Jobs (DTZ) in NSW **OR** workers who live (OTZ) in NSW

Enumerated at Home (EH) JTW tables

Table name	Variables[4]	Rows of data[5]	Scope
Table EH1	OSA2 by DSA2 by UAICP	117,527	Jobs (DTZ) in NSW
Table EH2	OTZ by Mode10 by UAICP	45,279	Workers who live (OTZ) in NSW
Table EH3	DTZ by Mode10 by UAICP	42,436	Jobs (DTZ) in NSW
Table EH4	OSA2 by DSA2 by Mode10 by UAICP	238,809	Jobs (DTZ) in NSW
Table EH5	OTZ by DSA2 by Mode10 by UAICP	510,655	Jobs (DTZ) in NSW
Table EH6	OSA2 by DTZ by Mode10 by UAICP	457,917	Jobs (DTZ) in NSW
Table EH7	OTZ by DTZ by Mode10 by UAICP	783,237	Jobs (DTZ) in NSW
Table EH8	OTZ by Mode32 by UAICP	70,638	Workers who live (OTZ) in NSW
Table EH9	DTZ by Mode32 by UAICP	60,833	Jobs (DTZ) in NSW
Table EH10	OSA2 by DSA2 by Mode32 by UAICP	279,508	Jobs (DTZ) in NSW
Table EH11	OTZ by DSA2 by Mode32 by UAICP	553,188	Jobs (DTZ) in NSW
Table EH12	OSA2 by DTZ by Mode32 by UAICP	498,636	Jobs (DTZ) in NSW

2.3   JTW Table Variables

The BTS 2011 JTW data are held as a series of separate tables in comma separated (CSV) files. The tables can be opened directly in Excel 2003 and later versions.

Each JTW table has a different combination of variables which include two or more from the list below[6].

Employment Variables	Person Variables
Place of Work (destination)	Place of Residence (origin)
Mode used to travel to work	Sex
Industry of employment	Age
Occupation	Person Income

---

[4] The finest geographic level is listed here but broader geographies are also provided in the JTW data tables.
[5] Excludes column headers.
[6] This is the list of variables at the time of publication.

2.4   JTW Table Format

Each row of a table represents the aggregation of all employed persons that have the same combination of characteristics for each variable. The counts of employed persons with this same combination are shown in the final column ("EMPLOYED_PERSONS"). This is how the data are supplied by ABS. The tables do not have unit records and CANNOT be merged to link different variables.

Additional geographic variables are provided to allow for aggregation of data at a range of spatial levels. All geographic variables refer to either a destination or origin. Destination or place of work geographies have the prefix "D_" and origin or place of residence has the prefix "O_".

For all the variable names, definitions and code frames, please refer to Codes Frames in the Appendix.

2.5   Over Time Comparison

Time series analysis using JTW data is problematic because of the significant changes between years in the following aspects:

- Method of imputation for dump codes and unknown addresses
  There are differences between 2006 and 2011 in the way that workplace addresses assigned to dump codes were imputed to travel zones. The 2006 imputation process was undertaken by BTS using a set of detailed aggregated tables from the ABS, but without access to unit record data.[7] For 2011, the ABS implemented a more accurate methodology utilising unit record data. Also, in 2011 for the first time Undefined and Not Stated addresses were imputed to zones. This may result in an overstatement of change over time from the 2006 to the 2011 datasets.

- Travel zone boundaries
  There were significant changes between 2006 TZ geography which had 2,690 zones and 2011 TZ geography which now has 3,517 zones. To assist in analysis using the same geography, over time travel zone concordances can be found in the BTS website.

- Geography of Census outputs
  Standard 2011 Census outputs follow an entirely new Statistical Area (SA) geography as its primary output. However, outputs using Australian System of Geographical Classification (ASGC) units, such as Statistical Local Areas (SLAs), are also available. To maintain some level of geographical comparability with 2006 JTW, some 2011 JTW tables were especially ordered at ASGC geography.

- Industry classification
  The 2011 Census data codes industry of employment to the ANZSIC 2006 Revision 1.0.

---

[7] For more information about the 2006 imputation process, refer to the 2006 JTW User Guide.

2.6　Comparing BTS JTW and ABS Census data

The BTS 2011 JTW data will be different to data from ABS *standard* Census products. The main differences are:

- The BTS 2011 JTW dataset does not contain any employment assigned to SA2 dump codes, Capital City Undefined, State Undefined or Not Stated. The ABS imputed these unknown destinations to mappable Destination Zones (DZNs) for BTS. These categories do however appear in DZN data extracted from ABS 2011 Table Builder. As such the BTS JTW data may give higher destination counts than data extracted from Table Builder. See Section 3.2 below for an explanation of the imputation process.
- The 2011 BTS JTW dataset uses the BTS 2011 Travel Zone System– which is at a slightly finer level than the 2011 Census DZN System. BTS split some of the 3,148 Census DZNs to produce 3,517 TZs to allow for finer strategic modelling.

Provided that the origin and destination scope is similarly defined and dump code employment is included in the totals, the numbers obtained from these two sources are expected to be the same.

2.7　Different sources of employment data

Estimates of employment or commute trips vary depending on the source of data. This variability is due to differences in method or scope. It is important to use data that are fit for purpose.

- **Census of Population and Housing:** The Census provides small area counts of employment at the destination (or workplace) end. Employment characteristics can be linked to the full range of population statistics also collected in the Census. Because the Census is completed by self-enumeration, however, it is subject to a degree of population undercount, as well as non-response on specific questions, such as the employment status question. This leads to underestimates of employment when compared with the monthly Labour Force Survey (LFS).

- **Labour Force Survey:** The ABS conducts the monthly Labour Force Survey in order to obtain up to date and accurate estimates of employment at a broad level. The LFS is the source of the official estimates of employment, participation rates and unemployment. It produces weighted estimates for a broad geographic level and does not ask about employment location. Rather, it produces estimates of the number of employed people by place of residence. The difference between the Census and the LFS employment estimates are estimated to be about 12.5%.[8]

- **BTS Household Travel Survey (HTS):** The Bureau of Transport Statistics' Household Travel Survey is a sample survey of households in occupied private dwellings across the Greater Metropolitan Area (GMA). Estimates of trips by purpose (including commuting) and mode can be produced from the HTS as can counts of employed persons. The HTS sample is weighted to the official estimates of the resident population (ERP) produced by the ABS; however, the scope of the HTS is narrower than the Census, which includes persons in non-private dwellings. As it is based on a sample, the HTS is less

---

[8] More information about the differences between the Census and LFS employment counts can be found on the ABS website.

reliable than JTW at a very fine geographic level. Yet, the HTS has the advantage of additional information that allows for a more complex analysis of travel patterns, allowing comparison of trips for different purposes, by time of day, day of week and across the year. However, the Census covers the whole of Australia, and therefore has the advantage of allowing for comparison between the states and capital cities on a consistent basis.

- **BTS Travel Zone Employment Forecasts:** The Bureau of Transport Statistics' Small Area Employment Forecasting Model (SAEFM) produces estimates of employment for future years at the TZ level, including base year estimates for the most recent Census year. The base year of the TZ forecasts is usually the most recent Census year, yet the data will not match Census employment counts by travel zone. This is because forecast data are adjusted to account for Census under-enumeration and to make it compatible with ABS labour force estimates of participation rates.

3. Methodology

3.1 Travel Zone redesign

BTS Travel Zones are the key geographic unit used for strategic transport and land use planning and modelling in the GMA. Prior to each Census, the BTS reviews its TZ boundaries to ensure that they remain consistent with land use, infrastructure and administrative changes in the GMA, including changes in the boundaries used by other spatial systems.

BTS redesigned the 2006 TZ boundaries to create a new 2011 TZ system. The main reason for this redesign was to make the zoning system consistent with the new ABS Australian Statistical Geography Standard (ASGS) which replaces the Australian Statistical Geographical Classification, which is being discontinued. Under the ASGS, the Statistical Area 2 (SA2) level most closely matches Statistical Local Area in the ASGC.

BTS 2011 TZ boundaries align exactly with SA2 boundaries. Apart from this restriction, there were no mandatory rules for determining the BTS 2011 zoning system. Instead, each 2011 zone boundary was determined using guidelines designed to best facilitate land use and transport modelling and analysis, particularly modelling by the BTS Strategic Travel Model (STM).

These guidelines were to:

- Align, where possible, with 2006 boundaries to facilitate time series analysis
- Align, where possible, with Mesh Block boundaries
- Align, where possible, with topographical features
- Align, where possible, with major infrastructure features, such as railway lines and arterial roads e.g. avoid overlapping of such infrastructure where there is no access from one side to the other
- Maximum of one train station within a zone
- Minimize multiple suburbs within a zone
- Minimize multiple commercial centres within a zone
- Obtain relatively homogeneous land use within a zone
- Optimize intra-zonal accessibility e.g. where possible, residents of a zone should be able to travel anywhere within the zone without having to travel outside it

- Design the shape of the zone to be approximately square, to make road access similar for residents and facilitate the determination of a centroid
- Limit maximum population to approximately 5,000 (base year) and 7,500 (future years) for zones that are predominantly residential
- Limit maximum employment to approximately 5,000 for zones that are predominantly non-residential

Because the ABS DZNs were further split into BTS travel zones (TZ2011), the originally supplied data from the ABS at DZN level were also split to create TZ2011 counts. Where a split occurred, the results were TZ2011 counts including fractions, rather than whole person counts. These fractions were retained in the data to maintain control totals.

3.2 Work address processing and imputation

Background
Respondents who did not provide enough information regarding their workplace address were coded to one of the following 'dump' categories:

- 9099 Capital city undefined
- 9899 State undefined
- 9999 SA2 undefined
- &&&& Not stated

About 14% of the eligible population in NSW provided partial or missing place of work information. The following sections explain the imputation method used by the ABS to impute workplace destination zone to persons who provided incomplete workplace address information.

Overview of methodology
The imputation of zone values has been achieved using a probability proportionate to size methodology, with stratification by industry and method of travel to work. Method of travel to work was used in a shortened form, known as 'Mode9' following the concept of 'priority mode'. (See Mode9 codes in the Appendix.)

Probability methods look at the distribution of non-missing records to valid zones and determine how candidate records should be distributed to these zones based upon these data (in combination with random number generators). Table 1 is a simple illustration of the principle behind this approach.

Table 1. Distribution of persons to zones using probability proportionate to size imputation

Before imputation		After imputation		Adjustment made
Zone	Count	Zone	Count	
1001	50	1001	60	10
1002	25	1002	30	5
1003	25	1003	30	5
1004	25	1004	30	5
9999	25	9999	0	-25
Total	150	Total	150	

Strengthening the imputation procedure is the stratification of records based on relevant person characteristics (e.g. people working in the same industry).

Imputation and stratification procedure/variables

The stratifying approach used in the imputation differs for candidates in the different dump codes. Table 2 outlines the approach used for each candidate type.

Table 2. Stratification procedure used in zone imputation

Candidate description	Base restriction (a)	Stratifying method
9999 SA2 undefined	State of workplace; THEN	Industry (3 digit); THEN
	SA2 of workplace	Method of travel to work
9099 Capital city undefined (b)	State of workplace; THEN	Method of travel to work; THEN
	State of usual residence; THEN	Industry (3 digit)
	SA2 of usual residence	
9899 State undefined	State of workplace; THEN	Method of travel to work; THEN
	State of usual residence; THEN	Industry (3 digit)
	SA2 of usual residence	
&&&& Not applicable	State of usual residence; THEN	Method of travel to work; THEN
	SA2 of usual residence	Industry (3 digit)

(a) The 'base restriction' is the basic restriction that is always used in the imputation, regardless of stratification procedures i.e. candidate records will only be imputed zones from donor records with the same base restriction as a minimum.
(b) The 'capital city' restriction is applied for this group by removing all persons working outside capital cities from the donor dataset prior to imputation. Therefore, candidates in this category can only ever be imputed to a zone that is within an Australian capital city.

Accounting for over-stratifying and missing data

While it is generally preferable to impute values to persons using all the information in their stratifying variables (i.e. 3 digit industry and method of travel to work), in some cases, this may not be possible. In these cases, the approach is to drop some or all of the information contained in the record's stratifying variables. For each candidate record the optimal precision of stratification is used to derive an impute. Table 3 shows the varying 'levels' of stratification that can be used to impute a value for persons in the SA2 undefined dump code.

Table 3. Levels of stratification used to impute values to persons in SA2 undefined dump code (Zone=9999)

Candidate description	Base restriction	Stratifying method
Level A (not stratified)	State of workplace; THEN	
	SA2 of workplace	
Level B	State of workplace; THEN	Industry (1 digit)
	SA2 of workplace	
Level C	State of workplace; THEN	Industry (2 digit)
	SA2 of workplace	
Level D	State of workplace; THEN	Industry (3 digit)
	SA2 of workplace	
Level E (fully stratified)	State of workplace; THEN	Industry (3 digit); THEN
	SA2 of workplace	method of travel to work

Flow diagrams illustrating the optimal process used for deriving an impute for each candidate type can be found in the Appendix.

3.3 Confidentialisation

Tables containing cells with very small counts may potentially result in an individual being identified. Consequently, all tables are subjected to confidentiality processes before being released by the ABS. These steps are taken to avoid releasing information that may identify particular individuals, families, households or dwellings, without impairing the usefulness of the tables.
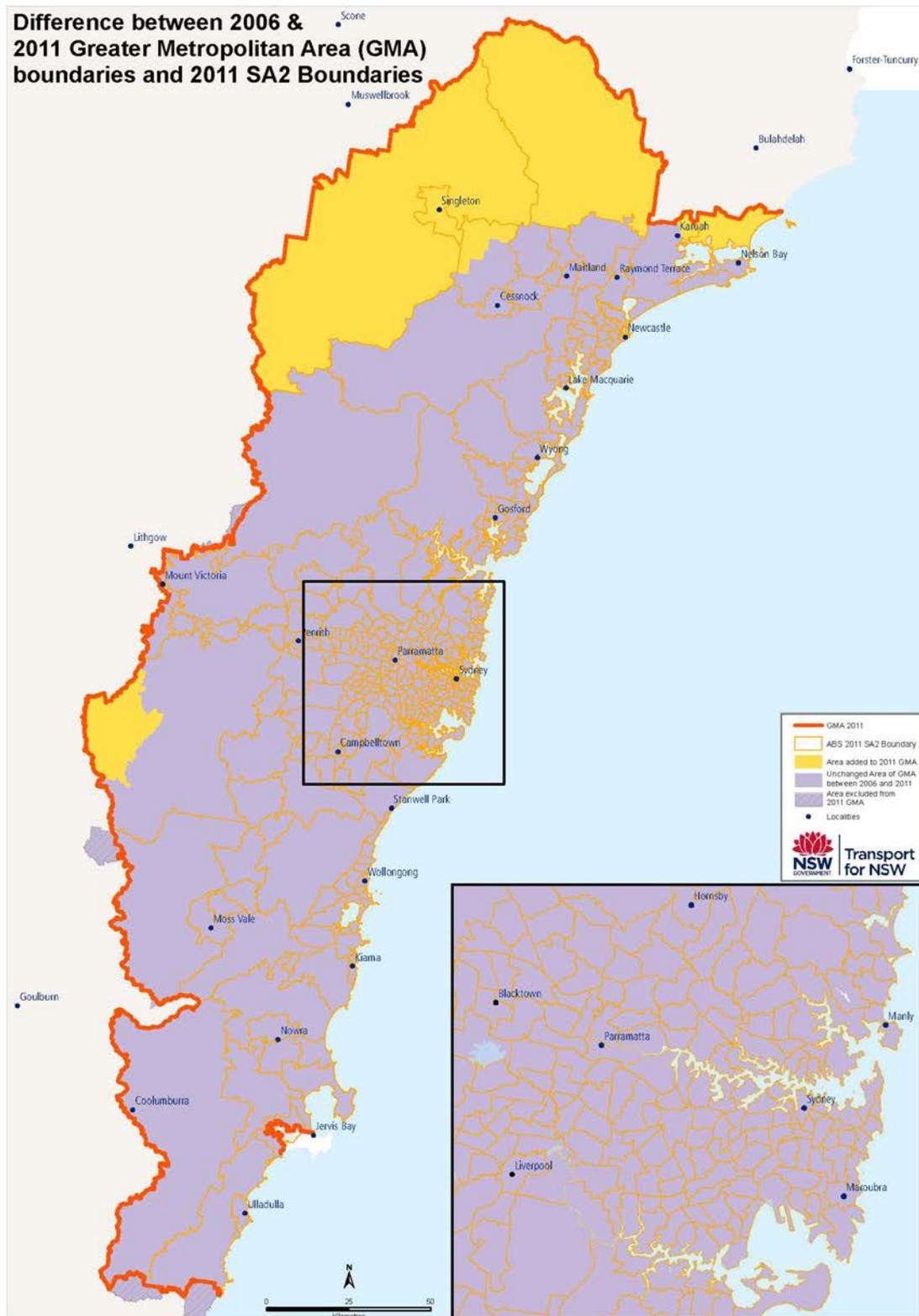
The confidentiality technique applied by the ABS is to slightly adjust all cells to prevent any identifiable data being exposed. Modifications are made to totals and subtotals to preserve additivity within tables. Tables which have been randomly adjusted will be internally consistent.

Care should be taken when specifying tables to minimise the number of small cells. No reliance should be placed on small cells. Aside from the effects of introduced random error, possible respondent and processing errors have greatest relative impact on small cells.

4. Appendix

4.1 Maps

The following maps illustrate the Sydney GMA, the change in this area between 2006 and 2011, and the Travel Zones for NSW.

2011 Bureau of Transport Statistics Travel Zones - Rest of NSW

QUEENSLAND

SOUTH AUSTRALIA

Lismore
Ballina
Moree
Grafton
Narrabri
Coffs Harbour
Armidale
Tamworth
Port Macquarie
Cobar
Taree
Broken Hill
Dubbo
Mudgee
Williamtown
Parkes
Orange
Greater
Bathurst
Metropolitan
Sydney
Griffith
Area
Narrandera
Wagga Wagga
Canberra
Albury
Moruya
Cooma
VICTORIA
Merimbula

N

Travel Zone Boundary 2011
GMA 2011

0   90   180 km

NSW Transport for NSW

4.2 Acronyms

ACRONYM	DESCRIPTION
ABS	Australian Bureau of Statistics
ASGC	Australian Standard Geographic Classification
ASGS	Australian Statistical Geography Standard
BTS	Bureau of Transport Statistics
CD	Collection District
CSV	Comma separated values
DZN	Destination Zone - ABS 10 digit code
EH	Enumerated at home
ERP	Estimated Resident Population
GMA	Greater Metropolitan Area
HTS	Household Travel Survey
JTW	Journey to Work
LFS	Labour Force Survey
LGA	Local Government Area
nec	Not elsewhere classified
nfd	Not further defined
NFA	No fixed address
NSW	New South Wales
SA	Statistical Area
SA1	Statistical Area Level 1
SA2	Statistical Area Level 2
SA3	Statistical Area Level 3
SA4	Statistical Area Level 4
SAEFM	Small Area Employment Forecast Model
SD	Statistical Division
SLA	Statistical Local Area
SSD	Statistical Sub-division
STM	Strategic Travel Model
TZ	Travel Zone – BTS zone code – up to 4 digit
UAICP	Usual Address Indicator Census Night

4.3   Definitions

Definitions	
Dwelling type	Structure of dwelling e.g. detached house, flat.
Employment	Persons aged 15 years and over who worked for at least one hour in the week prior to the Census of Tuesday August 9 2011.
Estimated Resident Population (ERP)	Official estimates of the population produced annually by ABS. Derived from Census counts, adjusted for undercount, and annual births, deaths and migration data.
Greater Metropolitan Area (GMA)	Area covered by BTS core data sets. Refer to the map in the Appendix.
Household vehicles	Number of registered vehicles usually garaged at the household overnight, whether privately or company owned.
Local Government Area	Official gazetted Local Government Area boundaries.
Mesh block	ABS finest level of geography.
Mode	Mode(s) used to travel to work on Census day (Question 45). Reported as single mode, mode combinations or priority mode based on a hierarchy.
Mode priority	Where a journey to work is comprised of more than one mode, a *priority* mode is allocated to one of the following hierarchies, which is generally the mode with the largest likely (but not necessarily actual) duration of the trip:
Mode priority hierarchy (excluding Mode10)	Train **HIGHEST** Bus Ferry Tram/Light rail Taxi Vehicle driver Vehicle passenger Truck Motorbike Bicycle Other mode (not elsewhere specified) Walk only **LOWEST** Refer to Section 4.5 for more details about the priority for the different mode variables.
Mode priority hierarchy (Mode10)	Train **HIGHEST** Ferry/Tram Bus Vehicle driver Vehicle passenger Other mode (not elsewhere specified) Walk only **LOWEST**
Mode share	Mode share is estimated for each mode from the number of trips made.
Motorised travel	Trips by private vehicle, train, bus, ferry, monorail, light rail and aircraft. Excludes walking and bicycle trips.

Definitions	
No fixed address (NFA)	Some occupations do not involve a fixed place of work but require travel to different locations each day or even different locations on a single day, as in the case of a domestic plumber. These workers are included in the total employment count, but cannot be allocated to a single employment destination.
Non-motorised modes	Refers to walking and cycling.
Place of enumeration	Where the person was counted on Census night. Some Census output provides counts of people at this location.
Place of usual residence	Where the person usually resides or will reside for at least six months of that year (Question 8). Some people are counted away from home on Census night. ABS codes them back to their usual residence. This can lead to odd origin/destination and mode patterns.
Place of work	Address of the main job held in the week previous to the Census. Where a person always works from home they give their home address.
Population	Census counts of the population. This can be for persons usually resident in a location or for those counted there on Census night. Census counts are slightly lower than the official population estimates (ERP) from the ABS, as the Census is subject to a level of undercount from people who are missed on Census night. The Census also excludes people overseas.
Private vehicle	Includes all motorised vehicles such as cars, 4WDs, vans, motorbikes, motor scooters, utes and trucks.
Public transport	Refers to train, bus, ferry, tram or light rail whether provided by government or private sector operators.
Statistical Area Levels 1-4 (SA1-4)	ABS geographies that are part of the new Australian Statistical Geography Standard (ASGS).
Statistical Local Area (SLA)	ABS defined geographic boundaries equal to or smaller than an LGA. SLAs are part of the Australian Standard Geographic Classification (ASGC).
Sustainable modes	Refers to walking, cycling and public transport.
Trips	A trip is a complete journey to work. Individual links within the journey are not counted and does not include the return journey home.
	Not everyone makes a trip to work on Census day. Question 45, which asks how the person got to work on Census day, includes the options 'Worked at home' and 'Did not go to work'. In some cases this question is left blank and ABS codes these to 'Unknown'. The number of trips to work is the count of people who travelled to work. The number of trips to work is always less than the total employment in a given area. About 15% of the employed population do not make a trip to work on Census day. This may because they work part-time, are on leave or working at home.
Travel zone	Finest level of geography for coding BTS's data and form the basis of transport modelling and analysis. These zones completely cover the study area without omission or overlap and do not cross SA2 boundaries. There are 3517 TZs in NSW.
Walk only	Although a person may walk for some distance to reach another mode, in the Census, walk is recorded where it was the *only* mode used for the whole trip to work.

4.4 Geographic codes

Tables are supplied with all corresponding higher Statistical Area (SA2, SA3, SA4) geographies, including Local Government Areas (LGAs). For NSW, there are 3,517 travel zones, including three special geographic codes worth noting:

- 9499 = No fixed place of work in the GMA
- 9599 = No fixed place of work rest of NSW
- 9799 = Migratory - Offshore - Shipping (NSW)

4.5   Mode codes

Mode9 codes

Code	Code Description	Notes
1	Train	Train only or train with any other mode(s)
2	Bus	Bus only or bus with any other mode(s) except train
3	Ferry/Tram	Ferry or tram/lightrail only OR with other mode(s) except train or bus
4	Vehicle driver	Car driver, truck or motorbike only or with other mode (except train, bus, ferry, tram/lightrail)
5	Vehicle passenger	Car passenger only or with other mode (except train, bus, ferry, tram/lightrail or vehicle driver)
6	Other mode	All other modes (excludes train, bus, ferry, tram/LR, vehicle driver or passenger)
7	Walked only	Walked only
8	Mode not stated	Mode not stated
9	Worked at Home or Did not go to Work	Worked at Home or Did not go to Work

Mode10 codes

Code	Code Description	Notes
1	Train	Train only or train with any other mode(s)
2	Ferry/Tram	Ferry or tram/lightrail only OR with other mode(s) except train or bus
3	Bus	Bus only or bus with any other mode(s) except train
4	Vehicle driver	Car driver, truck or motorbike only or with other mode (except train, bus, ferry, tram/lightrail)
5	Vehicle passenger	Car passenger only or with other mode (except train, bus, ferry, tram/lightrail or vehicle driver)
6	Other mode	All other modes (excludes train, bus, ferry, tram/LR, vehicle driver or passenger)
7	Walked only	Walked only
8	Mode not stated	Mode not stated
9	Worked at Home	Worked at Home
10	Did not go to Work	Did not go to Work

Mode15 codes

Code	Code Description	Notes
1	Train	Train only or train with any other mode(s)
2	Bus	Bus only or bus with any other mode(s) except train
3	Ferry	Ferry or ferry , tram or lightrail with any other mode(s) except train or bus
4	Tram	Tram/lightrail only or tram/lightrail with any other mode(s) except train, bus or ferry
5	Taxi	Taxi passenger only or with other mode(s) excluding those above
6	Car as driver	Car driver only or with other mode(s) excluding those above
7	Car as passenger	Car passenger only or with other mode(s) excluding those above
8	Truck	Truck only or with other mode(s) excluding those above
9	Motorbike	Motorbike only or with other mode(s) excluding those above
10	Bicycle	Bicycle only or with other mode(s) excluding those above
11	Other mode	Other mode only or with other mode(s) excluding those above
12	Walked only	Walked only
13	Worked at home	Worked at home
14	Did not go to work	Did not go to work
15	Mode not stated	Mode not stated

Mode32 codes

Code	Code Description
1	Train only
2	Bus only
3	Ferry only
4	Tram (includes light rail) only
5	Taxi only
6	Car, as driver only
7	Car, as passenger only
8	Truck only
9	Motorbike/scooter only
10	Bicycle only
11	Other only
12	Walked only
13	Two methods: Train and Bus
14	Two methods: Train and Ferry
15	Two methods: Train and Tram (includes light rail)
16	Two methods: Train and Car, as driver
17	Two methods: Train and Car, as passenger
18	Two methods: Train and Other
19	Two methods: Bus and Ferry
20	Two methods: Bus and Tram (includes light rail)
21	Two methods: Bus and Car, as driver
22	Two methods: Bus and Car, as passenger
23	Two methods: Bus and Other
24	Other two methods: with ferry or tram (includes light rail)
25	Other two methods: without ferry or tram (includes light rail)
26	Three methods: Train and two other methods
27	Three methods: Bus and two other methods (excludes train)
28	Other three methods: with ferry or tram (includes light rail)
29	Other three methods: without ferry or tram (includes light rail)
30	Worked at home
31	Did not go to work
32	Method of travel to work not stated

Mode235 codes

Code	Code Description
1	Train
2	Bus
3	Ferry
4	Tram
5	Taxi
6	Car, as driver
7	Car, as passenger
8	Truck
9	Motorbike/scooter
10	Bicycle
11	Other
12	Train, bus
13	Train, ferry
14	Train, tram
15	Train, taxi
16	Train, car as driver
17	Train, car as passenger
18	Train, truck
19	Train, motorbike/scooter
20	Train, bicycle
21	Train, other
22	Bus, ferry
23	Bus, tram
24	Bus, taxi
25	Bus, car as driver
26	Bus, car as passenger
27	Bus, truck
28	Bus, motorbike/scooter
29	Bus, bicycle
30	Bus, other
31	Ferry, tram
32	Ferry, taxi
33	Ferry, car as driver
34	Ferry, car as passenger
35	Ferry, truck
36	Ferry, motorbike/scooter
37	Ferry, bicycle
38	Ferry, other
39	Tram, taxi
40	Tram, car as driver
41	Tram, car as passenger

Code	Code Description
42	Tram, truck
43	Tram, motorbike/scooter
44	Tram, bicycle
45	Tram, other
46	Taxi, car as driver
47	Taxi, car as passenger
48	Taxi, truck
49	Taxi, motorbike/scooter
50	Taxi, bicycle
51	Taxi, other
52	Car as driver, car as passenger
53	Car as driver, truck
54	Car as driver, motorbike/scooter
55	Car as driver, bicycle
56	Car as driver, other
57	Car as passenger, truck
58	Car as passenger, motorbike/scooter
59	Car as passenger, bicycle
60	Car as passenger, other
61	Truck, motorbike/scooter
62	Truck, bicycle
63	Truck, other
64	Motorbike/scooter, bicycle
65	Motorbike/scooter, other
66	Bicycle, other
67	Train, bus, ferry
68	Train, bus, tram
69	Train, bus, taxi
70	Train, bus, car as driver
71	Train, bus, car as passenger
72	Train, bus, truck
73	Train, bus, motorbike/scooter
74	Train, bus, bicycle
75	Train, bus, other
76	Train, ferry, tram
77	Train, ferry, taxi
78	Train, ferry, car as driver
79	Train, ferry, car as passenger
80	Train, ferry, truck
81	Train, ferry, motorbike/scooter
82	Train, ferry, bicycle
83	Train, ferry, other
84	Train, tram, taxi

Code	Code Description
85	Train, tram, car as driver
86	Train, tram, car as passenger
87	Train, tram, truck
88	Train, tram, motorbike/scooter
89	Train, tram, bicycle
90	Train, tram, other
91	Train, taxi, car as driver
92	Train, taxi, car as passenger
93	Train, taxi, truck
94	Train, taxi, motorbike/scooter
95	Train, taxi, bicycle
96	Train, taxi, other
97	Train, car as driver, car as passenger
98	Train, car as driver, truck
99	Train, car as driver, motorbike/scooter
100	Train, car as driver, bicycle
101	Train, car as driver, other
102	Train, car as passenger, truck
103	Train, car as passenger, motorbike/scooter
104	Train, car as passenger, bicycle
105	Train, car as passenger, other
106	Train, truck, motorbike/scooter
107	Train, truck, bicycle
108	Train, truck, other
109	Train, motorbike/scooter, bicycle
110	Train, motorbike/scooter, other
111	Train, bicycle, other
112	Bus, ferry, tram
113	Bus, ferry, taxi
114	Bus, ferry, car as driver
115	Bus, ferry, car as passenger
116	Bus, ferry, truck
117	Bus, ferry, motorbike/scooter
118	Bus, ferry, bicycle
119	Bus, ferry, other
120	Bus, tram, taxi
121	Bus, tram, car as driver
122	Bus, tram, car as passenger
123	Bus, tram, truck
124	Bus, tram, motorbike/scooter
125	Bus, tram, bicycle
126	Bus, tram, other
127	Bus, taxi, car as driver

Code	Code Description
128	Bus, taxi, car as passenger
129	Bus, taxi, truck
130	Bus, taxi, motorbike/scooter
131	Bus, taxi, bicycle
132	Bus, taxi, other
133	Bus, car as driver, car as passenger
134	Bus, car as driver, truck
135	Bus, car as driver, motorbike/scooter
136	Bus, car as driver, bicycle
137	Bus, car as driver, other
138	Bus, car as passenger, truck
139	Bus, car as passenger, motorbike/scooter
140	Bus, car as passenger, bicycle
141	Bus, car as passenger, other
142	Bus, truck, motorbike/scooter
143	Bus, truck, bicycle
144	Bus, truck, other
145	Bus, motorbike/scooter, bicycle
146	Bus, motorbike/scooter, other
147	Bus, bicycle, other
148	Ferry, tram, taxi
149	Ferry, tram, car as driver
150	Ferry, tram, car as passenger
151	Ferry, tram, truck
152	Ferry, tram, motorbike/scooter
153	Ferry, tram, bicycle
154	Ferry, tram, other
155	Ferry, taxi, car as driver
156	Ferry, taxi, car as passenger
157	Ferry, taxi, truck
158	Ferry, taxi, motorbike/scooter
159	Ferry, taxi, bicycle
160	Ferry, taxi, other
161	Ferry, car as driver, car as passenger
162	Ferry, car as driver, truck
163	Ferry, car as driver, motorbike/scooter
164	Ferry, car as driver, bicycle
165	Ferry, car as driver, other
166	Ferry, car as passenger, truck
167	Ferry, car as passenger, motorbike/scooter
168	Ferry, car as passenger, bicycle
169	Ferry, car as passenger, other
170	Ferry, truck, motorbike/scooter

Code	Code Description
171	Ferry, truck, bicycle
172	Ferry, truck, other
173	Ferry, motorbike/scooter, bicycle
174	Ferry, motorbike/scooter, other
175	Ferry, bicycle, other
176	Tram, taxi, car as driver
177	Tram, taxi, car as passenger
178	Tram, taxi, truck
179	Tram, taxi, motorbike/scooter
180	Tram, taxi, bicycle
181	Tram, taxi, other
182	Tram, car as driver, car as passenger
183	Tram, car as driver, truck
184	Tram, car as driver, motorbike/scooter
185	Tram, car as driver, bicycle
186	Tram, car as driver, other
187	Tram, car as passenger, truck
188	Tram, car as passenger, motorbike/scooter
189	Tram, car as passenger, bicycle
190	Tram, car as passenger, other
191	Tram, truck, motorbike/scooter
192	Tram, truck, bicycle
193	Tram, truck, other
194	Tram, motorbike/scooter, bicycle
195	Tram, motorbike/scooter, other
196	Tram, bicycle, other
197	Taxi, car as driver, car as passenger
198	Taxi, car as driver, truck
199	Taxi, car as driver, motorbike/scooter
200	Taxi, car as driver, bicycle
201	Taxi, car as driver, other
202	Taxi, car as passenger, truck
203	Taxi, car as passenger, motorbike/scooter
204	Taxi, car as passenger, bicycle
205	Taxi, car as passenger, other
206	Taxi, truck, motorbike/scooter
207	Taxi, truck, bicycle
208	Taxi, truck, other
209	Taxi, motorbike/scooter, bicycle
210	Taxi, motorbike/scooter, other
211	Taxi, bicycle, other
212	Car as driver, car as passenger, truck
213	Car as driver, car as passenger, motorbike/scooter

Code	Code Description
214	Car as driver, car as passenger, bicycle
215	Car as driver, car as passenger, other
216	Car as driver, truck, motorbike/scooter
217	Car as driver, truck, bicycle
218	Car as driver, truck, other
219	Car as driver, motorbike/scooter, bicycle
220	Car as driver, motorbike/scooter, other
221	Car as driver, bicycle, other
222	Car as passenger, truck, motorbike/scooter
223	Car as passenger, truck, bicycle
224	Car as passenger, truck, other
225	Car as passenger, motorbike/scooter, bicycle
226	Car as passenger, motorbike/scooter, other
227	Car as passenger, bicycle, other
228	Truck, motorbike/scooter, bicycle
229	Truck, motorbike/scooter, other
230	Truck, bicycle, other
231	Motorbike/scooter, bicycle, other
232	Walked only
233	Worked at home
234	Did not go to work
235	Not stated

4.6 Industry codes

Industry 1-digit codes

Code	Code Description
A	Agriculture, Forestry and Fishing
B	Mining
C	Manufacturing
D	Electricity, Gas, Water and Waste Services
E	Construction
F	Wholesale Trade
G	Retail Trade
H	Accommodation and Food Services
I	Transport, Postal and Warehousing
J	Information Media and Telecommunications
K	Financial and Insurance Services
L	Rental, Hiring and Real Estate Services
M	Professional, Scientific and Technical Services
N	Administrative and Support Services
O	Public Administration and Safety
P	Education and Training
Q	Health Care and Social Assistance
R	Arts and Recreation Services
S	Other Services
T	Inadequately described
&	Not stated

Industry 2-digit codes

Code	Code Description
A0	Agriculture, Forestry and Fishing, nfd
1	Agriculture
2	Aquaculture
3	Forestry and Logging
4	Fishing, Hunting and Trapping
5	Agriculture, Forestry and Fishing Support Services
B0	Mining, nfd
6	Coal Mining
7	Oil and Gas Extraction
8	Metal Ore Mining
9	Non-Metallic Mineral Mining and Quarrying
10	Exploration and Other Mining Support Services
C0	Manufacturing, nfd
11	Food Product Manufacturing
12	Beverage and Tobacco Product Manufacturing
13	Textile, Leather, Clothing and Footwear Manufacturing
14	Wood Product Manufacturing
15	Pulp, Paper and Converted Paper Product Manufacturing
16	Printing (including the Reproduction of Recorded Media)
17	Petroleum and Coal Product Manufacturing
18	Basic Chemical and Chemical Product Manufacturing
19	Polymer Product and Rubber Product Manufacturing
20	Non-Metallic Mineral Product Manufacturing
21	Primary Metal and Metal Product Manufacturing
22	Fabricated Metal Product Manufacturing
23	Transport Equipment Manufacturing
24	Machinery and Equipment Manufacturing
25	Furniture and Other Manufacturing
D0	Electricity, Gas, Water and Waste Services, nfd
26	Electricity Supply
27	Gas Supply
28	Water Supply, Sewerage and Drainage Services
29	Waste Collection, Treatment and Disposal Services
E0	Construction, nfd
30	Building Construction
31	Heavy and Civil Engineering Construction
32	Construction Services
F0	Wholesale Trade, nfd
33	Basic Material Wholesaling
34	Machinery and Equipment Wholesaling
35	Motor Vehicle and Motor Vehicle Parts Wholesaling

Code	Code Description
36	Grocery, Liquor and Tobacco Product Wholesaling
37	Other Goods Wholesaling
38	Commission-Based Wholesaling
G0	Retail Trade, nfd
39	Motor Vehicle and Motor Vehicle Parts Retailing
40	Fuel Retailing
41	Food Retailing
42	Other Store-Based Retailing
43	Non-Store Retailing and Retail Commission-Based Buying and/or Selling
H0	Accommodation and Food Services, nfd
44	Accommodation
45	Food and Beverage Services
I0	Transport, Postal and Warehousing, nfd
46	Road Transport
47	Rail Transport
48	Water Transport
49	Air and Space Transport
50	Other Transport
51	Postal and Courier Pick-up and Delivery Services
52	Transport Support Services
53	Warehousing and Storage Services
J0	Information Media and Telecommunications, nfd
54	Publishing (except Internet and Music Publishing)
55	Motion Picture and Sound Recording Activities
56	Broadcasting (except Internet)
57	Internet Publishing and Broadcasting
58	Telecommunications Services
59	Internet Service Providers, Web Search Portals and Data Processing Services
60	Library and Other Information Services
K0	Financial and Insurance Services, nfd
62	Finance
63	Insurance and Superannuation Funds
64	Auxiliary Finance and Insurance Services
L0	Rental, Hiring and Real Estate Services, nfd
66	Rental and Hiring Services (except Real Estate)
67	Property Operators and Real Estate Services
M0	Professional, Scientific and Technical Services, nfd
69	Professional, Scientific and Technical Services (except Computer System Design and Related Services)
70	Computer System Design and Related Services
N0	Administrative and Support Services, nfd
72	Administrative Services
73	Building Cleaning, Pest Control and Other Support Services

Code	Code Description
O0	Public Administration and Safety, nfd
75	Public Administration
76	Defence
77	Public Order, Safety and Regulatory Services
P0	Education and Training, nfd
80	Preschool and School Education
81	Tertiary Education
82	Adult, Community and Other Education
Q0	Health Care and Social Assistance, nfd
84	Hospitals
85	Medical and Other Health Care Services
86	Residential Care Services
87	Social Assistance Services
R0	Arts and Recreation Services, nfd
89	Heritage Activities
90	Creative and Performing Arts Activities
91	Sports and Recreation Activities
92	Gambling Activities
S0	Other Services, nfd
94	Repair and Maintenance
95	Personal and Other Services
96	Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use
99	Inadequately described
&&	Not stated

Industry 4-digit codes

Code	Code Description
A000	Agriculture, Forestry and Fishing, nfd
100	Agriculture, nfd
110	Nursery and Floriculture Production, nfd
111	Nursery Production (Under Cover)
112	Nursery Production (Outdoors)
113	Turf Growing
114	Floriculture Production (Under Cover)
115	Floriculture Production (Outdoors)
120	Mushroom and Vegetable Growing, nfd
121	Mushroom Growing
122	Vegetable Growing (Under Cover)
123	Vegetable Growing (Outdoors)
130	Fruit and Tree Nut Growing, nfd
131	Grape Growing
132	Kiwifruit Growing
133	Berry Fruit Growing
134	Apple and Pear Growing
135	Stone Fruit Growing
136	Citrus Fruit Growing
137	Olive Growing
139	Other Fruit and Tree Nut Growing
140	Sheep, Beef Cattle and Grain Farming, nfd
141	Sheep Farming (Specialised)
142	Beef Cattle Farming (Specialised)
143	Beef Cattle Feedlots (Specialised)
144	Sheep-Beef Cattle Farming
145	Grain-Sheep or Grain-Beef Cattle Farming
146	Rice Growing
149	Other Grain Growing
150	Other Crop Growing, nfd
151	Sugar Cane Growing
152	Cotton Growing
159	Other Crop Growing nec
160	Dairy Cattle Farming
170	Poultry Farming, nfd
171	Poultry Farming (Meat)
172	Poultry Farming (Eggs)
180	Deer Farming
190	Other Livestock Farming, nfd
191	Horse Farming
192	Pig Farming

Code	Code Description
193	Beekeeping
199	Other Livestock Farming nec
200	Aquaculture, nfd
201	Offshore Longline and Rack Aquaculture
202	Offshore Caged Aquaculture
203	Onshore Aquaculture
300	Forestry and Logging, nfd
301	Forestry
302	Logging
400	Fishing, Hunting and Trapping, nfd
410	Fishing, nfd
411	Rock Lobster and Crab Potting
412	Prawn Fishing
413	Line Fishing
414	Fish Trawling, Seining and Netting
419	Other Fishing
420	Hunting and Trapping
500	Agriculture, Forestry and Fishing Support Services, nfd
510	Forestry Support Services
520	Agriculture and Fishing Support Services, nfd
521	Cotton Ginning
522	Shearing Services
529	Other Agriculture and Fishing Support Services
B000	Mining, nfd
600	Coal Mining
700	Oil and Gas Extraction
800	Metal Ore Mining, nfd
801	Iron Ore Mining
802	Bauxite Mining
803	Copper Ore Mining
804	Gold Ore Mining
805	Mineral Sand Mining
806	Nickel Ore Mining
807	Silver-Lead-Zinc Ore Mining
809	Other Metal Ore Mining
900	Non-Metallic Mineral Mining and Quarrying, nfd
910	Construction Material Mining, nfd
911	Gravel and Sand Quarrying
919	Other Construction Material Mining
990	Other Non-Metallic Mineral Mining and Quarrying
1000	Exploration and Other Mining Support Services, nfd
1010	Exploration, nfd
1011	Petroleum Exploration

Code	Code Description
1012	Mineral Exploration
1090	Other Mining Support Services
C000	Manufacturing, nfd
1100	Food Product Manufacturing, nfd
1110	Meat and Meat Product Manufacturing, nfd
1111	Meat Processing
1112	Poultry Processing
1113	Cured Meat and Smallgoods Manufacturing
1120	Seafood Processing
1130	Dairy Product Manufacturing, nfd
1131	Milk and Cream Processing
1132	Ice Cream Manufacturing
1133	Cheese and Other Dairy Product Manufacturing
1140	Fruit and Vegetable Processing
1150	Oil and Fat Manufacturing
1160	Grain Mill and Cereal Product Manufacturing, nfd
1161	Grain Mill Product Manufacturing
1162	Cereal, Pasta and Baking Mix Manufacturing
1170	Bakery Product Manufacturing, nfd
1171	Bread Manufacturing (Factory based)
1172	Cake and Pastry Manufacturing (Factory based)
1173	Biscuit Manufacturing (Factory based)
1174	Bakery Product Manufacturing (Non-factory based)
1180	Sugar and Confectionery Manufacturing, nfd
1181	Sugar Manufacturing
1182	Confectionery Manufacturing
1190	Other Food Product Manufacturing, nfd
1191	Potato, Corn and Other Crisp Manufacturing
1192	Prepared Animal and Bird Feed Manufacturing
1199	Other Food Product Manufacturing nec
1200	Beverage and Tobacco Product Manufacturing, nfd
1210	Beverage Manufacturing, nfd
1211	Soft Drink, Cordial and Syrup Manufacturing
1212	Beer Manufacturing
1213	Spirit Manufacturing
1214	Wine and Other Alcoholic Beverage Manufacturing
1220	Cigarette and Tobacco Product Manufacturing
1300	Textile, Leather, Clothing and Footwear Manufacturing, nfd
1310	Textile Manufacturing, nfd
1311	Wool Scouring
1312	Natural Textile Manufacturing
1313	Synthetic Textile Manufacturing
1320	Leather Tanning, Fur Dressing and Leather Product Manufacturing

Code	Code Description
1330	Textile Product Manufacturing, nfd
1331	Textile Floor Covering Manufacturing
1332	Rope, Cordage and Twine Manufacturing
1333	Cut and Sewn Textile Product Manufacturing
1334	Textile Finishing and Other Textile Product Manufacturing
1340	Knitted Product Manufacturing
1350	Clothing and Footwear Manufacturing, nfd
1351	Clothing Manufacturing
1352	Footwear Manufacturing
1400	Wood Product Manufacturing, nfd
1410	Log Sawmilling and Timber Dressing, nfd
1411	Log Sawmilling
1412	Wood Chipping
1413	Timber Resawing and Dressing
1490	Other Wood Product Manufacturing, nfd
1491	Prefabricated Wooden Building Manufacturing
1492	Wooden Structural Fitting and Component Manufacturing
1493	Veneer and Plywood Manufacturing
1494	Reconstituted Wood Product Manufacturing
1499	Other Wood Product Manufacturing nec
1500	Pulp, Paper and Converted Paper Product Manufacturing, nfd
1510	Pulp, Paper and Paperboard Manufacturing
1520	Converted Paper Product Manufacturing, nfd
1521	Corrugated Paperboard and Paperboard Container Manufacturing
1522	Paper Bag Manufacturing
1523	Paper Stationery Manufacturing
1524	Sanitary Paper Product Manufacturing
1529	Other Converted Paper Product Manufacturing
1600	Printing (including the Reproduction of Recorded Media), nfd
1610	Printing and Printing Support Services, nfd
1611	Printing
1612	Printing Support Services
1620	Reproduction of Recorded Media
1700	Petroleum and Coal Product Manufacturing, nfd
1701	Petroleum Refining and Petroleum Fuel Manufacturing
1709	Other Petroleum and Coal Product Manufacturing
1800	Basic Chemical and Chemical Product Manufacturing, nfd
1810	Basic Chemical Manufacturing, nfd
1811	Industrial Gas Manufacturing
1812	Basic Organic Chemical Manufacturing
1813	Basic Inorganic Chemical Manufacturing
1820	Basic Polymer Manufacturing, nfd
1821	Synthetic Resin and Synthetic Rubber Manufacturing

Code	Code Description
1829	Other Basic Polymer Manufacturing
1830	Fertiliser and Pesticide Manufacturing, nfd
1831	Fertiliser Manufacturing
1832	Pesticide Manufacturing
1840	Pharmaceutical and Medicinal Product Manufacturing, nfd
1841	Human Pharmaceutical and Medicinal Product Manufacturing
1842	Veterinary Pharmaceutical and Medicinal Product Manufacturing
1850	Cleaning Compound and Toiletry Preparation Manufacturing, nfd
1851	Cleaning Compound Manufacturing
1852	Cosmetic and Toiletry Preparation Manufacturing
1890	Other Basic Chemical Product Manufacturing, nfd
1891	Photographic Chemical Product Manufacturing
1892	Explosive Manufacturing
1899	Other Basic Chemical Product Manufacturing nec
1900	Polymer Product and Rubber Product Manufacturing, nfd
1910	Polymer Product Manufacturing, nfd
1911	Polymer Film and Sheet Packaging Material Manufacturing
1912	Rigid and Semi-Rigid Polymer Product Manufacturing
1913	Polymer Foam Product Manufacturing
1914	Tyre Manufacturing
1915	Adhesive Manufacturing
1916	Paint and Coatings Manufacturing
1919	Other Polymer Product Manufacturing
1920	Natural Rubber Product Manufacturing
2000	Non-Metallic Mineral Product Manufacturing, nfd
2010	Glass and Glass Product Manufacturing
2020	Ceramic Product Manufacturing, nfd
2021	Clay Brick Manufacturing
2029	Other Ceramic Product Manufacturing
2030	Cement, Lime, Plaster and Concrete Product Manufacturing, nfd
2031	Cement and Lime Manufacturing
2032	Plaster Product Manufacturing
2033	Ready-Mixed Concrete Manufacturing
2034	Concrete Product Manufacturing
2090	Other Non-Metallic Mineral Product Manufacturing
2100	Primary Metal and Metal Product Manufacturing, nfd
2110	Iron Smelting and Steel Manufacturing
2120	Basic Ferrous Metal Product Manufacturing, nfd
2121	Iron and Steel Casting
2122	Steel Pipe and Tube Manufacturing
2130	Basic Non-Ferrous Metal Manufacturing, nfd
2131	Alumina Production
2132	Aluminium Smelting

Code	Code Description
2133	Copper, Silver, Lead and Zinc Smelting and Refining
2139	Other Basic Non-Ferrous Metal Manufacturing
2140	Basic Non-Ferrous Metal Product Manufacturing, nfd
2141	Non-Ferrous Metal Casting
2142	Aluminium Rolling, Drawing, Extruding
2149	Other Basic Non-Ferrous Metal Product Manufacturing
2200	Fabricated Metal Product Manufacturing, nfd
2210	Iron and Steel Forging
2220	Structural Metal Product Manufacturing, nfd
2221	Structural Steel Fabricating
2222	Prefabricated Metal Building Manufacturing
2223	Architectural Aluminium Product Manufacturing
2224	Metal Roof and Guttering Manufacturing (except Aluminium)
2229	Other Structural Metal Product Manufacturing
2230	Metal Container Manufacturing, nfd
2231	Boiler, Tank and Other Heavy Gauge Metal Container Manufacturing
2239	Other Metal Container Manufacturing
2240	Sheet Metal Product Manufacturing (except Metal Structural and Container Products)
2290	Other Fabricated Metal Product Manufacturing, nfd
2291	Spring and Wire Product Manufacturing
2292	Nut, Bolt, Screw and Rivet Manufacturing
2293	Metal Coating and Finishing
2299	Other Fabricated Metal Product Manufacturing nec
2300	Transport Equipment Manufacturing, nfd
2310	Motor Vehicle and Motor Vehicle Part Manufacturing, nfd
2311	Motor Vehicle Manufacturing
2312	Motor Vehicle Body and Trailer Manufacturing
2313	Automotive Electrical Component Manufacturing
2319	Other Motor Vehicle Parts Manufacturing
2390	Other Transport Equipment Manufacturing, nfd
2391	Shipbuilding and Repair Services
2392	Boatbuilding and Repair Services
2393	Railway Rolling Stock Manufacturing and Repair Services
2394	Aircraft Manufacturing and Repair Services
2399	Other Transport Equipment Manufacturing nec
2400	Machinery and Equipment Manufacturing, nfd
2410	Professional and Scientific Equipment Manufacturing, nfd
2411	Photographic, Optical and Ophthalmic Equipment Manufacturing
2412	Medical and Surgical Equipment Manufacturing
2419	Other Professional and Scientific Equipment Manufacturing
2420	Computer and Electronic Equipment Manufacturing, nfd
2421	Computer and Electronic Office Equipment Manufacturing

Code	Code Description
2422	Communication Equipment Manufacturing
2429	Other Electronic Equipment Manufacturing
2430	Electrical Equipment Manufacturing, nfd
2431	Electric Cable and Wire Manufacturing
2432	Electric Lighting Equipment Manufacturing
2439	Other Electrical Equipment Manufacturing
2440	Domestic Appliance Manufacturing, nfd
2441	Whiteware Appliance Manufacturing
2449	Other Domestic Appliance Manufacturing
2450	Pump, Compressor, Heating and Ventilation Equipment Manufacturing, nfd
2451	Pump and Compressor Manufacturing
2452	Fixed Space Heating, Cooling and Ventilation Equipment Manufacturing
2460	Specialised Machinery and Equipment Manufacturing, nfd
2461	Agricultural Machinery and Equipment Manufacturing
2462	Mining and Construction Machinery Manufacturing
2463	Machine Tool and Parts Manufacturing
2469	Other Specialised Machinery and Equipment Manufacturing
2490	Other Machinery and Equipment Manufacturing, nfd
2491	Lifting and Material Handling Equipment Manufacturing
2499	Other Machinery and Equipment Manufacturing nec
2500	Furniture and Other Manufacturing, nfd
2510	Furniture Manufacturing, nfd
2511	Wooden Furniture and Upholstered Seat Manufacturing
2512	Metal Furniture Manufacturing
2513	Mattress Manufacturing
2519	Other Furniture Manufacturing
2590	Other Manufacturing, nfd
2591	Jewellery and Silverware Manufacturing
2592	Toy, Sporting and Recreational Product Manufacturing
2599	Other Manufacturing nec
D000	Electricity, Gas, Water and Waste Services, nfd
2600	Electricity Supply, nfd
2610	Electricity Generation, nfd
2611	Fossil Fuel Electricity Generation
2612	Hydro-Electricity Generation
2619	Other Electricity Generation
2620	Electricity Transmission
2630	Electricity Distribution
2640	On Selling Electricity and Electricity Market Operation
2700	Gas Supply
2810	Water Supply, Sewerage and Drainage Services, nfd
2811	Water Supply
2812	Sewerage and Drainage Services

Code	Code Description
2900	Waste Collection, Treatment and Disposal Services, nfd
2910	Waste Collection Services, nfd
2911	Solid Waste Collection Services
2919	Other Waste Collection Services
2920	Waste Treatment, Disposal and Remediation Services, nfd
2921	Waste Treatment and Disposal Services
2922	Waste Remediation and Materials Recovery Services
E000	Construction, nfd
3000	Building Construction, nfd
3010	Residential Building Construction, nfd
3011	House Construction
3019	Other Residential Building Construction
3020	Non-Residential Building Construction
3100	Heavy and Civil Engineering Construction, nfd
3101	Road and Bridge Construction
3109	Other Heavy and Civil Engineering Construction
3200	Construction Services, nfd
3210	Land Development and Site Preparation Services, nfd
3211	Land Development and Subdivision
3212	Site Preparation Services
3220	Building Structure Services, nfd
3221	Concreting Services
3222	Bricklaying Services
3223	Roofing Services
3224	Structural Steel Erection Services
3230	Building Installation Services, nfd
3231	Plumbing Services
3232	Electrical Services
3233	Air Conditioning and Heating Services
3234	Fire and Security Alarm Installation Services
3239	Other Building Installation Services
3240	Building Completion Services, nfd
3241	Plastering and Ceiling Services
3242	Carpentry Services
3243	Tiling and Carpeting Services
3244	Painting and Decorating Services
3245	Glazing Services
3290	Other Construction Services, nfd
3291	Landscape Construction Services
3292	Hire of Construction Machinery with Operator
3299	Other Construction Services nec
F000	Wholesale Trade, nfd
3300	Basic Material Wholesaling, nfd

Code	Code Description
3310	Agricultural Product Wholesaling, nfd
3311	Wool Wholesaling
3312	Cereal Grain Wholesaling
3319	Other Agricultural Product Wholesaling
3320	Mineral, Metal and Chemical Wholesaling, nfd
3321	Petroleum Product Wholesaling
3322	Metal and Mineral Wholesaling
3323	Industrial and Agricultural Chemical Product Wholesaling
3330	Timber and Hardware Goods Wholesaling, nfd
3331	Timber Wholesaling
3332	Plumbing Goods Wholesaling
3339	Other Hardware Goods Wholesaling
3400	Machinery and Equipment Wholesaling, nfd
3410	Specialised Industrial Machinery and Equipment Wholesaling, nfd
3411	Agricultural and Construction Machinery Wholesaling
3419	Other Specialised Industrial Machinery and Equipment Wholesaling
3490	Other Machinery and Equipment Wholesaling, nfd
3491	Professional and Scientific Goods Wholesaling
3492	Computer and Computer Peripheral Wholesaling
3493	Telecommunication Goods Wholesaling
3494	Other Electrical and Electronic Goods Wholesaling
3499	Other Machinery and Equipment Wholesaling nec
3500	Motor Vehicle and Motor Vehicle Parts Wholesaling, nfd
3501	Car Wholesaling
3502	Commercial Vehicle Wholesaling
3503	Trailer and Other Motor Vehicle Wholesaling
3504	Motor Vehicle New Parts Wholesaling
3505	Motor Vehicle Dismantling and Used Parts Wholesaling
3600	Grocery, Liquor and Tobacco Product Wholesaling, nfd
3601	General Line Grocery Wholesaling
3602	Meat, Poultry and Smallgoods Wholesaling
3603	Dairy Produce Wholesaling
3604	Fish and Seafood Wholesaling
3605	Fruit and Vegetable Wholesaling
3606	Liquor and Tobacco Product Wholesaling
3609	Other Grocery Wholesaling
3700	Other Goods Wholesaling, nfd
3710	Textile, Clothing and Footwear Wholesaling, nfd
3711	Textile Product Wholesaling
3712	Clothing and Footwear Wholesaling
3720	Pharmaceutical and Toiletry Goods Wholesaling
3730	Furniture, Floor Covering and Other Goods Wholesaling, nfd
3731	Furniture and Floor Covering Wholesaling

Code	Code Description
3732	Jewellery and Watch Wholesaling
3733	Kitchen and Diningware Wholesaling
3734	Toy and Sporting Goods Wholesaling
3735	Book and Magazine Wholesaling
3736	Paper Product Wholesaling
3739	Other Goods Wholesaling nec
3800	Commission-Based Wholesaling
G000	Retail Trade, nfd
3900	Motor Vehicle and Motor Vehicle Parts Retailing, nfd
3910	Motor Vehicle Retailing, nfd
3911	Car Retailing
3912	Motor Cycle Retailing
3913	Trailer and Other Motor Vehicle Retailing
3920	Motor Vehicle Parts and Tyre Retailing, nfd
3921	Motor Vehicle Parts Retailing
3922	Tyre Retailing
4000	Fuel Retailing
4100	Food Retailing, nfd
4110	Supermarket and Grocery Stores
4120	Specialised Food Retailing, nfd
4121	Fresh Meat, Fish and Poultry Retailing
4122	Fruit and Vegetable Retailing
4123	Liquor Retailing
4129	Other Specialised Food Retailing
4200	Other Store-Based Retailing, nfd
4210	Furniture, Floor Coverings, Houseware and Textile Goods Retailing, nfd
4211	Furniture Retailing
4212	Floor Coverings Retailing
4213	Houseware Retailing
4214	Manchester and Other Textile Goods Retailing
4220	Electrical and Electronic Goods Retailing, nfd
4221	Electrical, Electronic and Gas Appliance Retailing
4222	Computer and Computer Peripheral Retailing
4229	Other Electrical and Electronic Goods Retailing
4230	Hardware, Building and Garden Supplies Retailing, nfd
4231	Hardware and Building Supplies Retailing
4232	Garden Supplies Retailing
4240	Recreational Goods Retailing, nfd
4241	Sport and Camping Equipment Retailing
4242	Entertainment Media Retailing
4243	Toy and Game Retailing
4244	Newspaper and Book Retailing
4245	Marine Equipment Retailing

Code	Code Description
4250	Clothing, Footwear and Personal Accessory Retailing, nfd
4251	Clothing Retailing
4252	Footwear Retailing
4253	Watch and Jewellery Retailing
4259	Other Personal Accessory Retailing
4260	Department Stores
4270	Pharmaceutical and Other Store-Based Retailing, nfd
4271	Pharmaceutical, Cosmetic and Toiletry Goods Retailing
4272	Stationery Goods Retailing
4273	Antique and Used Goods Retailing
4274	Flower Retailing
4279	Other Store-Based Retailing nec
4300	Non-Store Retailing and Retail Commission-Based Buying and/or Selling, nfd
4310	Non-Store Retailing
4320	Retail Commission-Based Buying and/or Selling
H000	Accommodation and Food Services, nfd
4400	Accommodation
4500	Food and Beverage Services, nfd
4510	Cafes, Restaurants and Takeaway Food Services, nfd
4511	Cafes and Restaurants
4512	Takeaway Food Services
4513	Catering Services
4520	Pubs, Taverns and Bars
4530	Clubs (Hospitality)
I000	Transport, Postal and Warehousing, nfd
4600	Road Transport, nfd
4610	Road Freight Transport
4620	Road Passenger Transport, nfd
4621	Interurban and Rural Bus Transport
4622	Urban Bus Transport (Including Tramway)
4623	Taxi and Other Road Transport
4700	Rail Transport, nfd
4710	Rail Freight Transport
4720	Rail Passenger Transport
4800	Water Transport, nfd
4810	Water Freight Transport
4820	Water Passenger Transport
4900	Air and Space Transport
5000	Other Transport, nfd
5010	Scenic and Sightseeing Transport
5020	Pipeline and Other Transport, nfd
5021	Pipeline Transport
5029	Other Transport nec

Code	Code Description
5100	Postal and Courier Pick-up and Delivery Services, nfd
5101	Postal Services
5102	Courier Pick-up and Delivery Services
5200	Transport Support Services, nfd
5210	Water Transport Support Services, nfd
5211	Stevedoring Services
5212	Port and Water Transport Terminal Operations
5219	Other Water Transport Support Services
5220	Airport Operations and Other Air Transport Support Services
5290	Other Transport Support Services, nfd
5291	Customs Agency Services
5292	Freight Forwarding Services
5299	Other Transport Support Services nec
5300	Warehousing and Storage Services, nfd
5301	Grain Storage Services
5309	Other Warehousing and Storage Services
J000	Information Media and Telecommunications, nfd
5400	Publishing (except Internet and Music Publishing), nfd
5410	Newspaper, Periodical, Book and Directory Publishing, nfd
5411	Newspaper Publishing
5412	Magazine and Other Periodical Publishing
5413	Book Publishing
5414	Directory and Mailing List Publishing
5419	Other Publishing (except Software, Music and Internet)
5420	Software Publishing
5500	Motion Picture and Sound Recording Activities, nfd
5510	Motion Picture and Video Activities, nfd
5511	Motion Picture and Video Production
5512	Motion Picture and Video Distribution
5513	Motion Picture Exhibition
5514	Post-production Services and Other Motion Picture and Video Activities
5520	Sound Recording and Music Publishing, nfd
5521	Music Publishing
5522	Music and Other Sound Recording Activities
5600	Broadcasting (except Internet), nfd
5610	Radio Broadcasting
5620	Television Broadcasting, nfd
5621	Free-to-Air Television Broadcasting
5622	Cable and Other Subscription Broadcasting
5700	Internet Publishing and Broadcasting
5800	Telecommunications Services, nfd
5801	Wired Telecommunications Network Operation
5802	Other Telecommunications Network Operation

Code	Code Description
5809	Other Telecommunications Services
5900	Internet Service Providers, Web Search Portals and Data Processing Services, nfd
5910	Internet Service Providers and Web Search Portals
5920	Data Processing, Web Hosting and Electronic Information Storage Services, nfd
5921	Data Processing and Web Hosting Services
5922	Electronic Information Storage Services
6000	Library and Other Information Services, nfd
6010	Libraries and Archives
6020	Other Information Services
K000	Financial and Insurance Services, nfd
6200	Finance, nfd
6210	Central Banking
6220	Depository Financial Intermediation, nfd
6221	Banking
6222	Building Society Operation
6223	Credit Union Operation
6229	Other Depository Financial Intermediation
6230	Non-Depository Financing
6240	Financial Asset Investing
6300	Insurance and Superannuation Funds, nfd
6310	Life Insurance
6320	Health and General Insurance, nfd
6321	Health Insurance
6322	General Insurance
6330	Superannuation Funds
6400	Auxiliary Finance and Insurance Services, nfd
6410	Auxiliary Finance and Investment Services, nfd
6411	Financial Asset Broking Services
6419	Other Auxiliary Finance and Investment Services
6420	Auxiliary Insurance Services
L000	Rental, Hiring and Real Estate Services, nfd
6600	Rental and Hiring Services (except Real Estate), nfd
6610	Motor Vehicle and Transport Equipment Rental and Hiring, nfd
6611	Passenger Car Rental and Hiring
6619	Other Motor Vehicle and Transport Equipment Rental and Hiring
6620	Farm Animal and Bloodstock Leasing
6630	Other Goods and Equipment Rental and Hiring, nfd
6631	Heavy Machinery and Scaffolding Rental and Hiring
6632	Video and Other Electronic Media Rental and Hiring
6639	Other Goods and Equipment Rental and Hiring nec
6640	Non-Financial Intangible Assets (except Copyrights) Leasing
6700	Property Operators and Real Estate Services, nfd

Code	Code Description
6710	Property Operators, nfd
6711	Residential Property Operators
6712	Non-Residential Property Operators
6720	Real Estate Services
M000	Professional, Scientific and Technical Services, nfd
6900	Professional, Scientific and Technical Services (except Computer System Design and Related Services), nfd
6910	Scientific Research Services
6920	Architectural, Engineering and Technical Services, nfd
6921	Architectural Services
6922	Surveying and Mapping Services
6923	Engineering Design and Engineering Consulting Services
6924	Other Specialised Design Services
6925	Scientific Testing and Analysis Services
6930	Legal and Accounting Services, nfd
6931	Legal Services
6932	Accounting Services
6940	Advertising Services
6950	Market Research and Statistical Services
6960	Management and Related Consulting Services, nfd
6961	Corporate Head Office Management Services
6962	Management Advice and Related Consulting Services
6970	Veterinary Services
6990	Other Professional, Scientific and Technical Services, nfd
6991	Professional Photographic Services
6999	Other Professional, Scientific and Technical Services nec
7000	Computer System Design and Related Services
N000	Administrative and Support Services, nfd
7200	Administrative Services, nfd
7210	Employment Services, nfd
7211	Employment Placement and Recruitment Services
7212	Labour Supply Services
7220	Travel Agency and Tour Arrangement Services
7290	Other Administrative Services, nfd
7291	Office Administrative Services
7292	Document Preparation Services
7293	Credit Reporting and Debt Collection Services
7294	Call Centre Operation
7299	Other Administrative Services nec
7300	Building Cleaning, Pest Control and Other Support Services, nfd
7310	Building Cleaning, Pest Control and Gardening Services, nfd
7311	Building and Other Industrial Cleaning Services
7312	Building Pest Control Services

Code	Code Description
7313	Gardening Services
7320	Packaging Services
O000	Public Administration and Safety, nfd
7500	Public Administration, nfd
7510	Central Government Administration
7520	State Government Administration
7530	Local Government Administration
7540	Justice
7550	Government Representation, nfd
7551	Domestic Government Representation
7552	Foreign Government Representation
7600	Defence
7700	Public Order, Safety and Regulatory Services, nfd
7710	Public Order and Safety Services, nfd
7711	Police Services
7712	Investigation and Security Services
7713	Fire Protection and Other Emergency Services
7714	Correctional and Detention Services
7719	Other Public Order and Safety Services
7720	Regulatory Services
P000	Education and Training, nfd
8000	Preschool and School Education, nfd
8010	Preschool Education
8020	School Education, nfd
8021	Primary Education
8022	Secondary Education
8023	Combined Primary and Secondary Education
8024	Special School Education
8100	Tertiary Education, nfd
8101	Technical and Vocational Education and Training
8102	Higher Education
8200	Adult, Community and Other Education, nfd
8210	Adult, Community and Other Education, nfd
8211	Sports and Physical Recreation Instruction
8212	Arts Education
8219	Adult, Community and Other Education nec
8220	Educational Support Services
Q000	Health Care and Social Assistance, nfd
8400	Hospitals, nfd
8401	Hospitals (except Psychiatric Hospitals)
8402	Psychiatric Hospitals
8500	Medical and Other Health Care Services, nfd
8510	Medical Services, nfd

Code	Code Description
8511	General Practice Medical Services
8512	Specialist Medical Services
8520	Pathology and Diagnostic Imaging Services
8530	Allied Health Services, nfd
8531	Dental Services
8532	Optometry and Optical Dispensing
8533	Physiotherapy Services
8534	Chiropractic and Osteopathic Services
8539	Other Allied Health Services
8590	Other Health Care Services, nfd
8591	Ambulance Services
8599	Other Health Care Services nec
8600	Residential Care Services, nfd
8601	Aged Care Residential Services
8609	Other Residential Care Services
8700	Social Assistance Services, nfd
8710	Child Care Services
8790	Other Social Assistance Services
R000	Arts and Recreation Services, nfd
8900	Heritage Activities, nfd
8910	Museum Operation
8920	Parks and Gardens Operations, nfd
8921	Zoological and Botanical Gardens Operation
8922	Nature Reserves and Conservation Parks Operation
9000	Creative and Performing Arts Activities, nfd
9001	Performing Arts Operation
9002	Creative Artists, Musicians, Writers and Performers
9003	Performing Arts Venue Operation
9100	Sports and Recreation Activities, nfd
9110	Sports and Physical Recreation Activities, nfd
9111	Health and Fitness Centres and Gymnasia Operation
9112	Sports and Physical Recreation Clubs and Sports Professionals
9113	Sports and Physical Recreation Venues, Grounds and Facilities Operation
9114	Sports and Physical Recreation Administrative Service
9120	Horse and Dog Racing Activities, nfd
9121	Horse and Dog Racing Administration and Track Operation
9129	Other Horse and Dog Racing Activities
9130	Amusement and Other Recreation Activities, nfd
9131	Amusement Parks and Centres Operation
9139	Amusement and Other Recreational Activities nec
9200	Gambling Activities, nfd
9201	Casino Operation
9202	Lottery Operation

Code	Code Description
9209	Other Gambling Activities
S000	Other Services, nfd
9400	Repair and Maintenance, nfd
9410	Automotive Repair and Maintenance, nfd
9411	Automotive Electrical Services
9412	Automotive Body, Paint and Interior Repair
9419	Other Automotive Repair and Maintenance
9420	Machinery and Equipment Repair and Maintenance, nfd
9421	Domestic Appliance Repair and Maintenance
9422	Electronic (except Domestic Appliance) and Precision Equipment Repair and Maintenance
9429	Other Machinery and Equipment Repair and Maintenance
9490	Other Repair and Maintenance, nfd
9491	Clothing and Footwear Repair
9499	Other Repair and Maintenance nec
9500	Personal and Other Services, nfd
9510	Personal Care Services, nfd
9511	Hairdressing and Beauty Services
9512	Diet and Weight Reduction Centre Operation
9520	Funeral, Crematorium and Cemetery Services
9530	Other Personal Services, nfd
9531	Laundry and Dry-Cleaning Services
9532	Photographic Film Processing
9533	Parking Services
9534	Brothel Keeping and Prostitution Services
9539	Other Personal Services nec
9540	Religious Services
9550	Civic, Professional and Other Interest Group Services, nfd
9551	Business and Professional Association Services
9552	Labour Association Services
9559	Other Interest Group Services nec
9600	Private Households Employing Staff and Undifferentiated Goods and Service-Producing Activities of Households for Own Use, nfd
9601	Private Households Employing Staff
9602	Undifferentiated Goods-Producing Activities of Private Households for Own Use
9603	Undifferentiated Service-Producing Activities of Private Households for Own Use
9900	Inadequately described
&&&&	Not stated

4.7 Occupation codes

Occupation 1-digit codes

Code	Code Description
1	Managers
2	Professionals
3	Technicians and Trades Workers
4	Community and Personal Service Workers
5	Clerical and Administrative Workers
6	Sales Workers
7	Machinery Operators and Drivers
8	Labourers
0	Inadequately described
&	Not stated

Occupation 2-digit codes

Code	Code Description
10	Managers nfd
11	Chief Executives, General Managers and Legislators
12	Farmers and Farm Managers
13	Specialist Managers
14	Hospitality, Retail and Service Managers
20	Professionals nfd
21	Arts and Media Professionals
22	Business, Human Resource and Marketing Professionals
23	Design, Engineering, Science and Transport Professionals
24	Education Professionals
25	Health Professionals
26	ICT Professionals
27	Legal, Social and Welfare Professionals
30	Technicians and Trades Workers nfd
31	Engineering, ICT and Science Technicians
32	Automotive and Engineering Trades Workers
33	Construction Trades Workers
34	Electrotechnology and Telecommunications Trades Workers
35	Food Trades Workers
36	Skilled Animal and Horticultural Workers
39	Other Technicians and Trades Workers
40	Community and Personal Service Workers nfd
41	Health and Welfare Support Workers
42	Carers and Aides
43	Hospitality Workers

Code	Code Description
44	Protective Service Workers
45	Sports and Personal Service Workers
50	Clerical and Administrative Workers nfd
51	Office Managers and Program Administrators
52	Personal Assistants and Secretaries
53	General Clerical Workers
54	Inquiry Clerks and Receptionists
55	Numerical Clerks
56	Clerical and Office Support Workers
59	Other Clerical and Administrative Workers
60	Sales Workers nfd
61	Sales Representatives and Agents
62	Sales Assistants and Salespersons
63	Sales Support Workers
70	Machinery Operators and Drivers nfd
71	Machine and Stationary Plant Operators
72	Mobile Plant Operators
73	Road and Rail Drivers
74	Storepersons
80	Labourers nfd
81	Cleaners and Laundry Workers
82	Construction and Mining Labourers
83	Factory Process Workers
84	Farm, Forestry and Garden Workers
85	Food Preparation Assistants
89	Other Labourers
9	Inadequately described
&&	Not stated

Occupation 4-digit codes

Code	Code Description
1000	Managers nfd
1110	Chief Executives, General Managers and Legislators nfd
1111	Chief Executives and Managing Directors
1112	General Managers
1113	Legislators
1210	Farmers and Farm Managers nfd
1211	Aquaculture Farmers
1212	Crop Farmers
1213	Livestock Farmers
1214	Mixed Crop and Livestock Farmers
1300	Specialist Managers nfd
1311	Advertising, Public Relations and Sales Managers
1320	Business Administration Managers nfd
1321	Corporate Services Managers
1322	Finance Managers
1323	Human Resource Managers
1324	Policy and Planning Managers
1325	Research and Development Managers
1330	Construction, Distribution and Production Managers nfd
1331	Construction Managers
1332	Engineering Managers
1333	Importers, Exporters and Wholesalers
1334	Manufacturers
1335	Production Managers
1336	Supply and Distribution Managers
1340	Education, Health and Welfare Services Managers nfd
1341	Child Care Centre Managers
1342	Health and Welfare Services Managers
1343	School Principals
1344	Other Education Managers
1351	ICT Managers
1390	Miscellaneous Specialist Managers nfd
1391	Commissioned Officers (Management)
1392	Senior Non-commissioned Defence Force Members
1399	Other Specialist Managers
1400	Hospitality, Retail and Service Managers nfd
1410	Accommodation and Hospitality Managers nfd
1411	Cafe and Restaurant Managers
1412	Caravan Park and Camping Ground Managers
1413	Hotel and Motel Managers
1414	Licensed Club Managers

Code	Code Description
1419	Other Accommodation and Hospitality Managers
1421	Retail Managers
1490	Miscellaneous Hospitality, Retail and Service Managers nfd
1491	Amusement, Fitness and Sports Centre Managers
1492	Call or Contact Centre and Customer Service Managers
1493	Conference and Event Organisers
1494	Transport Services Managers
1499	Other Hospitality, Retail and Service Managers
2000	Professionals nfd
2100	Arts and Media Professionals nfd
2110	Arts Professionals nfd
2111	Actors, Dancers and Other Entertainers
2112	Music Professionals
2113	Photographers
2114	Visual Arts and Crafts Professionals
2120	Media Professionals nfd
2121	Artistic Directors, and Media Producers and Presenters
2122	Authors, and Book and Script Editors
2123	Film, Television, Radio and Stage Directors
2124	Journalists and Other Writers
2200	Business, Human Resource and Marketing Professionals nfd
2210	Accountants, Auditors and Company Secretaries nfd
2211	Accountants
2212	Auditors, Company Secretaries and Corporate Treasurers
2220	Financial Brokers and Dealers, and Investment Advisers nfd
2221	Financial Brokers
2222	Financial Dealers
2223	Financial Investment Advisers and Managers
2230	Human Resource and Training Professionals nfd
2231	Human Resource Professionals
2232	ICT Trainers
2233	Training and Development Professionals
2240	Information and Organisation Professionals nfd
2241	Actuaries, Mathematicians and Statisticians
2242	Archivists, Curators and Records Managers
2243	Economists
2244	Intelligence and Policy Analysts
2245	Land Economists and Valuers
2246	Librarians
2247	Management and Organisation Analysts
2249	Other Information and Organisation Professionals
2250	Sales, Marketing and Public Relations Professionals nfd
2251	Advertising and Marketing Professionals

Code	Code Description
2252	ICT Sales Professionals
2253	Public Relations Professionals
2254	Technical Sales Representatives
2300	Design, Engineering, Science and Transport Professionals nfd
2310	Air and Marine Transport Professionals nfd
2311	Air Transport Professionals
2312	Marine Transport Professionals
2320	Architects, Designers, Planners and Surveyors nfd
2321	Architects and Landscape Architects
2322	Surveyors and Spatial Scientists
2323	Fashion, Industrial and Jewellery Designers
2324	Graphic and Web Designers, and Illustrators
2325	Interior Designers
2326	Urban and Regional Planners
2330	Engineering Professionals nfd
2331	Chemical and Materials Engineers
2332	Civil Engineering Professionals
2333	Electrical Engineers
2334	Electronics Engineers
2335	Industrial, Mechanical and Production Engineers
2336	Mining Engineers
2339	Other Engineering Professionals
2340	Natural and Physical Science Professionals nfd
2341	Agricultural and Forestry Scientists
2342	Chemists, and Food and Wine Scientists
2343	Environmental Scientists
2344	Geologists and Geophysicists
2345	Life Scientists
2346	Medical Laboratory Scientists
2347	Veterinarians
2349	Other Natural and Physical Science Professionals
2400	Education Professionals nfd
2410	School Teachers nfd
2411	Early Childhood (Pre-primary School) Teachers
2412	Primary School Teachers
2413	Middle School Teachers (Aus) / Intermediate School Teachers (NZ)
2414	Secondary School Teachers
2415	Special Education Teachers
2420	Tertiary Education Teachers nfd
2421	University Lecturers and Tutors
2422	Vocational Education Teachers (Aus) / Polytechnic Teachers (NZ)
2490	Miscellaneous Education Professionals nfd
2491	Education Advisers and Reviewers

Code	Code Description
2492	Private Tutors and Teachers
2493	Teachers of English to Speakers of Other Languages
2500	Health Professionals nfd
2510	Health Diagnostic and Promotion Professionals nfd
2511	Dietitians
2512	Medical Imaging Professionals
2513	Occupational and Environmental Health Professionals
2514	Optometrists and Orthoptists
2515	Pharmacists
2519	Other Health Diagnostic and Promotion Professionals
2520	Health Therapy Professionals nfd
2521	Chiropractors and Osteopaths
2522	Complementary Health Therapists
2523	Dental Practitioners
2524	Occupational Therapists
2525	Physiotherapists
2526	Podiatrists
2527	Speech Professionals and Audiologists
2530	Medical Practitioners nfd
2531	Generalist Medical Practitioners
2532	Anaesthetists
2533	Specialist Physicians
2534	Psychiatrists
2535	Surgeons
2539	Other Medical Practitioners
2540	Midwifery and Nursing Professionals nfd
2541	Midwives
2542	Nurse Educators and Researchers
2543	Nurse Managers
2544	Registered Nurses
2600	ICT Professionals nfd
2610	Business and Systems Analysts, and Programmers nfd
2611	ICT Business and Systems Analysts
2612	Multimedia Specialists and Web Developers
2613	Software and Applications Programmers
2621	Database and Systems Administrators, and ICT Security Specialists
2630	ICT Network and Support Professionals nfd
2631	Computer Network Professionals
2632	ICT Support and Test Engineers
2633	Telecommunications Engineering Professionals
2700	Legal, Social and Welfare Professionals nfd
2710	Legal Professionals nfd
2711	Barristers

Code	Code Description
2712	Judicial and Other Legal Professionals
2713	Solicitors
2720	Social and Welfare Professionals nfd
2721	Counsellors
2722	Ministers of Religion
2723	Psychologists
2724	Social Professionals
2725	Social Workers
2726	Welfare, Recreation and Community Arts Workers
3000	Technicians and Trades Workers nfd
3100	Engineering, ICT and Science Technicians nfd
3110	Agricultural, Medical and Science Technicians nfd
3111	Agricultural Technicians
3112	Medical Technicians
3113	Primary Products Inspectors
3114	Science Technicians
3120	Building and Engineering Technicians nfd
3121	Architectural, Building and Surveying Technicians
3122	Civil Engineering Draftspersons and Technicians
3123	Electrical Engineering Draftspersons and Technicians
3124	Electronic Engineering Draftspersons and Technicians
3125	Mechanical Engineering Draftspersons and Technicians
3126	Safety Inspectors
3129	Other Building and Engineering Technicians
3130	ICT and Telecommunications Technicians nfd
3131	ICT Support Technicians
3132	Telecommunications Technical Specialists
3200	Automotive and Engineering Trades Workers nfd
3210	Automotive Electricians and Mechanics nfd
3211	Automotive Electricians
3212	Motor Mechanics
3220	Fabrication Engineering Trades Workers nfd
3221	Metal Casting, Forging and Finishing Trades Workers
3222	Sheetmetal Trades Workers
3223	Structural Steel and Welding Trades Workers
3230	Mechanical Engineering Trades Workers nfd
3231	Aircraft Maintenance Engineers
3232	Metal Fitters and Machinists
3233	Precision Metal Trades Workers
3234	Toolmakers and Engineering Patternmakers
3240	Panelbeaters, and Vehicle Body Builders, Trimmers and Painters nfd
3241	Panelbeaters
3242	Vehicle Body Builders and Trimmers

Code	Code Description
3243	Vehicle Painters
3300	Construction Trades Workers nfd
3310	Bricklayers, and Carpenters and Joiners nfd
3311	Bricklayers and Stonemasons
3312	Carpenters and Joiners
3320	Floor Finishers and Painting Trades Workers nfd
3321	Floor Finishers
3322	Painting Trades Workers
3330	Glaziers, Plasterers and Tilers nfd
3331	Glaziers
3332	Plasterers
3333	Roof Tilers
3334	Wall and Floor Tilers
3341	Plumbers
3400	Electrotechnology and Telecommunications Trades Workers nfd
3411	Electricians
3420	Electronics and Telecommunications Trades Workers nfd
3421	Airconditioning and Refrigeration Mechanics
3422	Electrical Distribution Trades Workers
3423	Electronics Trades Workers
3424	Telecommunications Trades Workers
3510	Food Trades Workers nfd
3511	Bakers and Pastrycooks
3512	Butchers and Smallgoods Makers
3513	Chefs
3514	Cooks
3600	Skilled Animal and Horticultural Workers nfd
3610	Animal Attendants and Trainers, and Shearers nfd
3611	Animal Attendants and Trainers
3612	Shearers
3613	Veterinary Nurses
3620	Horticultural Trades Workers nfd
3621	Florists
3622	Gardeners
3623	Greenkeepers
3624	Nurserypersons
3900	Other Technicians and Trades Workers nfd
3911	Hairdressers
3920	Printing Trades Workers nfd
3921	Print Finishers and Screen Printers
3922	Graphic Pre-press Trades Workers
3923	Printers
3930	Textile, Clothing and Footwear Trades Workers nfd

Code	Code Description
3931	Canvas and Leather Goods Makers
3932	Clothing Trades Workers
3933	Upholsterers
3940	Wood Trades Workers nfd
3941	Cabinetmakers
3942	Wood Machinists and Other Wood Trades Workers
3990	Miscellaneous Technicians and Trades Workers nfd
3991	Boat Builders and Shipwrights
3992	Chemical, Gas, Petroleum and Power Generation Plant Operators
3993	Gallery, Library and Museum Technicians
3994	Jewellers
3995	Performing Arts Technicians
3996	Signwriters
3999	Other Miscellaneous Technicians and Trades Workers
4000	Community and Personal Service Workers nfd
4110	Health and Welfare Support Workers nfd
4111	Ambulance Officers and Paramedics
4112	Dental Hygienists, Technicians and Therapists
4113	Diversional Therapists
4114	Enrolled and Mothercraft Nurses
4115	Indigenous Health Workers
4116	Massage Therapists
4117	Welfare Support Workers
4200	Carers and Aides nfd
4211	Child Carers
4221	Education Aides
4230	Personal Carers and Assistants nfd
4231	Aged and Disabled Carers
4232	Dental Assistants
4233	Nursing Support and Personal Care Workers
4234	Special Care Workers
4310	Hospitality Workers nfd
4311	Bar Attendants and Baristas
4312	Cafe Workers
4313	Gaming Workers
4314	Hotel Service Managers
4315	Waiters
4319	Other Hospitality Workers
4400	Protective Service Workers nfd
4410	Defence Force Members, Fire Fighters and Police nfd
4411	Defence Force Members - Other Ranks
4412	Fire and Emergency Workers
4413	Police

Code	Code Description
4420	Prison and Security Officers nfd
4421	Prison Officers
4422	Security Officers and Guards
4500	Sports and Personal Service Workers nfd
4510	Personal Service and Travel Workers nfd
4511	Beauty Therapists
4512	Driving Instructors
4513	Funeral Workers
4514	Gallery, Museum and Tour Guides
4515	Personal Care Consultants
4516	Tourism and Travel Advisers
4517	Travel Attendants
4518	Other Personal Service Workers
4520	Sports and Fitness Workers nfd
4521	Fitness Instructors
4522	Outdoor Adventure Guides
4523	Sports Coaches, Instructors and Officials
4524	Sportspersons
5000	Clerical and Administrative Workers nfd
5100	Office Managers and Program Administrators nfd
5111	Contract, Program and Project Administrators
5120	Office and Practice Managers nfd
5121	Office Managers
5122	Practice Managers
5210	Personal Assistants and Secretaries nfd
5211	Personal Assistants
5212	Secretaries
5300	General Clerical Workers nfd
5311	General Clerks
5321	Keyboard Operators
5400	Inquiry Clerks and Receptionists nfd
5410	Call or Contact Centre Information Clerks nfd
5411	Call or Contact Centre Workers
5412	Inquiry Clerks
5421	Receptionists
5500	Numerical Clerks nfd
5510	Accounting Clerks and Bookkeepers nfd
5511	Accounting Clerks
5512	Bookkeepers
5513	Payroll Clerks
5520	Financial and Insurance Clerks nfd
5521	Bank Workers
5522	Credit and Loans Officers (Aus) / Finance Clerks (NZ)

Code	Code Description
5523	Insurance, Money Market and Statistical Clerks
5610	Clerical and Office Support Workers nfd
5611	Betting Clerks
5612	Couriers and Postal Deliverers
5613	Filing and Registry Clerks
5614	Mail Sorters
5615	Survey Interviewers
5616	Switchboard Operators
5619	Other Clerical and Office Support Workers
5900	Other Clerical and Administrative Workers nfd
5910	Logistics Clerks nfd
5911	Purchasing and Supply Logistics Clerks
5912	Transport and Despatch Clerks
5990	Miscellaneous Clerical and Administrative Workers nfd
5991	Conveyancers and Legal Executives
5992	Court and Legal Clerks
5993	Debt Collectors
5994	Human Resource Clerks
5995	Inspectors and Regulatory Officers
5996	Insurance Investigators, Loss Adjusters and Risk Surveyors
5997	Library Assistants
5999	Other Miscellaneous Clerical and Administrative Workers
6000	Sales Workers nfd
6100	Sales Representatives and Agents nfd
6110	Insurance Agents and Sales Representatives nfd
6111	Auctioneers, and Stock and Station Agents
6112	Insurance Agents
6113	Sales Representatives
6121	Real Estate Sales Agents
6210	Sales Assistants and Salespersons nfd
6211	Sales Assistants (General)
6212	ICT Sales Assistants
6213	Motor Vehicle and Vehicle Parts Salespersons
6214	Pharmacy Sales Assistants
6215	Retail Supervisors
6216	Service Station Attendants
6217	Street Vendors and Related Salespersons
6219	Other Sales Assistants and Salespersons
6300	Sales Support Workers nfd
6311	Checkout Operators and Office Cashiers
6390	Miscellaneous Sales Support Workers nfd
6391	Models and Sales Demonstrators
6392	Retail and Wool Buyers

Code	Code Description
6393	Telemarketers
6394	Ticket Salespersons
6395	Visual Merchandisers
6399	Other Sales Support Workers
7000	Machinery Operators and Drivers nfd
7100	Machine and Stationary Plant Operators nfd
7110	Machine Operators nfd
7111	Clay, Concrete, Glass and Stone Processing Machine Operators
7112	Industrial Spraypainters
7113	Paper and Wood Processing Machine Operators
7114	Photographic Developers and Printers
7115	Plastics and Rubber Production Machine Operators
7116	Sewing Machinists
7117	Textile and Footwear Production Machine Operators
7119	Other Machine Operators
7120	Stationary Plant Operators nfd
7121	Crane, Hoist and Lift Operators
7122	Drillers, Miners and Shot Firers
7123	Engineering Production Workers
7129	Other Stationary Plant Operators
7210	Mobile Plant Operators nfd
7211	Agricultural, Forestry and Horticultural Plant Operators
7212	Earthmoving Plant Operators
7213	Forklift Drivers
7219	Other Mobile Plant Operators
7300	Road and Rail Drivers nfd
7310	Automobile, Bus and Rail Drivers nfd
7311	Automobile Drivers
7312	Bus and Coach Drivers
7313	Train and Tram Drivers
7321	Delivery Drivers
7331	Truck Drivers
7411	Storepersons
8000	Labourers nfd
8110	Cleaners and Laundry Workers nfd
8111	Car Detailers
8112	Commercial Cleaners
8113	Domestic Cleaners
8114	Housekeepers
8115	Laundry Workers
8116	Other Cleaners
8210	Construction and Mining Labourers nfd
8211	Building and Plumbing Labourers

Code	Code Description
8212	Concreters
8213	Fencers
8214	Insulation and Home Improvement Installers
8215	Paving and Surfacing Labourers
8216	Railway Track Workers
8217	Structural Steel Construction Workers
8219	Other Construction and Mining Labourers
8300	Factory Process Workers nfd
8310	Food Process Workers nfd
8311	Food and Drink Factory Workers
8312	Meat Boners and Slicers, and Slaughterers
8313	Meat, Poultry and Seafood Process Workers
8320	Packers and Product Assemblers nfd
8321	Packers
8322	Product Assemblers
8390	Miscellaneous Factory Process Workers nfd
8391	Metal Engineering Process Workers
8392	Plastics and Rubber Factory Workers
8393	Product Quality Controllers
8394	Timber and Wood Process Workers
8399	Other Factory Process Workers
8410	Farm, Forestry and Garden Workers nfd
8411	Aquaculture Workers
8412	Crop Farm Workers
8413	Forestry and Logging Workers
8414	Garden and Nursery Labourers
8415	Livestock Farm Workers
8416	Mixed Crop and Livestock Farm Workers
8419	Other Farm, Forestry and Garden Workers
8510	Food Preparation Assistants nfd
8511	Fast Food Cooks
8512	Food Trades Assistants
8513	Kitchenhands
8900	Other Labourers nfd
8910	Freight Handlers and Shelf Fillers nfd
8911	Freight and Furniture Handlers
8912	Shelf Fillers
8990	Miscellaneous Labourers nfd
8991	Caretakers
8992	Deck and Fishing Hands
8993	Handypersons
8994	Motor Vehicle Parts and Accessories Fitters
8995	Printing Assistants and Table Workers

Code	Code Description
8996	Recycling and Rubbish Collectors
8997	Vending Machine Attendants
8999	Other Miscellaneous Labourers
998	Inadequately described
&&&&	Not stated

4.8   Other variable codes

Other variable codes

Variable Name	Code	Code Description
(description)		
Income11	1	Under $200
	2	$200-$299
(weekly personal	3	3$300-$399
income)	4	$400-$599
	5	$600-$799
	6	$800-$999
	7	$1,000-$1,249
	8	$1,250-$1,499
	9	$1,500-$1,999
	10	$2,000 or more
	11	Not stated
Agegroup7	1	15 - 19
	2	20 - 29
	3	30 - 39
	4	40 - 49
	5	50 - 59
	6	60 - 64
	7	65+
Sex	1	Male
	2	Female

4.9   2011 Census form

Please use CAPITAL letters only.

Person 1
The *householder* if present, otherwise any adult member of the household.

Person 2
The *spouse or partner* of 'Person 1' if present, otherwise any person present.

2 Name of each person *including visitors* who spent the night of Tuesday, 9 August 2011 in this dwelling:

- Record details for all adults, children, babies and *visitors* present.
- Include any person who usually lives in this dwelling who returned on Wednesday, 10 August 2011, without having been counted elsewhere.
- *For all other cases of persons absent, please include them in Questions 52 and 53 ONLY.*

First or given name

First or given name

Surname or family name

Surname or family name

3 Is the person male or female?

- Mark one box for each person, like this: ▬

- ○ Male
- ○ Female

- ○ Male
- ○ Female

4 What is the person's date of birth (or age last birthday)?

Day   Month   Year

- Example for date of birth: 2 3 0 5 1 9 7 0
- If date of birth not known, give age last birthday.
- Example for age last birthday: 4 1 Years

Day   Month   Year

OR
Age last birthday
Years

Day   Month   Year

OR
Age last birthday
Years

5 What is the person's relationship to Person 1/Person 2?

- Examples of other relationships: SON-IN-LAW, GRAND-DAUGHTER, UNCLE, BOARDER.
- Remember to mark box like this: ▬

No answer required for Person 1

- ○ Husband or wife of Person 1
- ○ De facto partner of Person 1
- ○ Child of Person 1
- ○ Stepchild of Person 1
- ○ Brother or sister of Person 1
- ○ Unrelated flatmate or co-tenant of Person 1

Other relationship to Person 1 – please specify

6 What is the person's present marital status?

- 'Married' refers to registered marriages.
- Remember to mark box like this: ▬

- ○ Never married
- ○ Widowed
- ○ Divorced
- ○ Separated but not divorced
- ○ Married

- ○ Never married
- ○ Widowed
- ○ Divorced
- ○ Separated but not divorced
- ○ Married

7 Is the person of Aboriginal or Torres Strait Islander origin?

- For persons of both Aboriginal and Torres Strait Islander origin, mark both 'Yes' boxes.

- ○ No
- ○ Yes, Aboriginal
- ○ Yes, Torres Strait Islander

- ○ No
- ○ Yes, Aboriginal
- ○ Yes, Torres Strait Islander

8 Where does the person usually live?

- For persons who usually live in another country and who are visiting Australia for less than one year, mark 'Other country'.
- For other persons, 'usually live' means that address at which the person has lived or intends to live for a total of six months or more in 2011.
- For persons who now have no usual address, write 'NONE' in the 'Suburb/Locality' box.
- For boarders at boarding school, write the address of the boarding school or college.
- Remember to mark box like this: ▬

- ○ The address shown on the front of this form
- ○ Elsewhere in Australia – please specify address

Apartment/Flat/Unit number (if any)

Street number

Street name

Suburb/Locality

State/Territory   Postcode

- ○ Other country

- ○ The address shown on the front of this form
- ○ Elsewhere in Australia – please specify address

Apartment/Flat/Unit number (if any)

Street number

Street name

Suburb/Locality

State/Territory   Postcode

- ○ Other country

64

03

Person 3	Person 4	Person 5	Person 6
Any other person present in the household.	Any other person present in the household.	Any other person present in the household.	Any other person present in the household.

First or given name

Person 3	Person 4	Person 5	Person 6

Surname or family name

Person 3	Person 4	Person 5	Person 6

○ Male	○ Male	○ Male	○ Male
○ Female	○ Female	○ Female	○ Female

Day Month Year

OR

Age last birthday

___ Years

Person 3	Person 4	Person 5	Person 6
○ Child of both Person 1 and Person 2	○ Child of both Person 1 and Person 2	○ Child of both Person 1 and Person 2	○ Child of both Person 1 and Person 2
○ Child of Person 1 only	○ Child of Person 1 only	○ Child of Person 1 only	○ Child of Person 1 only
○ Child of Person 2 only	○ Child of Person 2 only	○ Child of Person 2 only	○ Child of Person 2 only
○ Brother or sister of Person 1	○ Brother or sister of Person 1	○ Brother or sister of Person 1	○ Brother or sister of Person 1
○ Unrelated flatmate or co-tenant of Person 1	○ Unrelated flatmate or co-tenant of Person 1	○ Unrelated flatmate or co-tenant of Person 1	○ Unrelated flatmate or co-tenant of Person 1

Other relationship to Person 1 – please specify

Person 3	Person 4	Person 5	Person 6
○ Never married	○ Never married	○ Never married	○ Never married
○ Widowed	○ Widowed	○ Widowed	○ Widowed
○ Divorced	○ Divorced	○ Divorced	○ Divorced
○ Separated but not divorced	○ Separated but not divorced	○ Separated but not divorced	○ Separated but not divorced
○ Married	○ Married	○ Married	○ Married

Person 3	Person 4	Person 5	Person 6
○ No	○ No	○ No	○ No
○ Yes, Aboriginal	○ Yes, Aboriginal	○ Yes, Aboriginal	○ Yes, Aboriginal
○ Yes, Torres Strait Islander	○ Yes, Torres Strait Islander	○ Yes, Torres Strait Islander	○ Yes, Torres Strait Islander

Person 3	Person 4	Person 5	Person 6
○ The address shown on the front of this form	○ The address shown on the front of this form	○ The address shown on the front of this form	○ The address shown on the front of this form
○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address

Apartment/Flat/Unit number (if any)

Street number

Street name

Suburb/Locality

State/Territory Postcode

Person 3	Person 4	Person 5	Person 6
○ Other country	○ Other country	○ Other country	○ Other country

65

		Person 1	Person 2

9　Where did the person usually live one year ago (at 9 August 2010)?

- If the person is less than one year old, leave blank.
- For persons who had no usual address on 9 August 2010, give the address at which they were then living.
- Remember to mark box like this: ▬

Person 1
- ○ Same as in question 8
- ○ Elsewhere in Australia – please specify address

Street number
[ ][ ][ ][ ][ ][ ][ ]

Street name
[grid]

Suburb/Locality
[grid]

State/Territory　Postcode
[ ][ ][ ]　[ ][ ][ ][ ]

- ○ Other country

Person 2
- ○ Same as in question 8
- ○ Elsewhere in Australia – please specify address

Street number
[ ][ ][ ][ ][ ][ ][ ]

Street name
[grid]

Suburb/Locality
[grid]

State/Territory　Postcode
[ ][ ][ ]　[ ][ ][ ][ ]

- ○ Other country

10　Where did the person usually live five years ago (at 9 August 2006)?

- If the person is less than five years old, leave blank.
- For persons who had no usual address on 9 August 2006, give the address at which they were then living.
- Remember to mark box like this: ▬

Person 1
- ○ Same as in question 8
- ○ Same as in question 9
- ○ Elsewhere in Australia – please specify address

Street number
[ ][ ][ ][ ][ ][ ][ ]

Street name
[grid]

Suburb/Locality
[grid]

State/Territory　Postcode
[ ][ ][ ]　[ ][ ][ ][ ]

- ○ Other country

Person 2
- ○ Same as in question 8
- ○ Same as in question 9
- ○ Elsewhere in Australia – please specify address

Street number
[ ][ ][ ][ ][ ][ ][ ]

Street name
[grid]

Suburb/Locality
[grid]

State/Territory　Postcode
[ ][ ][ ]　[ ][ ][ ][ ]

- ○ Other country

11　Is the person an Australian citizen?

- Remember to mark box like this: ▬

Person 1
- ○ Yes, Australian citizen
- ○ No

Person 2
- ○ Yes, Australian citizen
- ○ No

12　In which country was the person born?

- Remember to mark box like this: ▬

Person 1
- ○ Australia ▶ Go to 14
- ○ England
- ○ New Zealand
- ○ Italy
- ○ Vietnam
- ○ India
- ○ Scotland

Other – please specify
[grid]

Person 2
- ○ Australia ▶ Go to 14
- ○ England
- ○ New Zealand
- ○ Italy
- ○ Vietnam
- ○ India
- ○ Scotland

Other – please specify
[grid]

13　In what year did the person first arrive in Australia to live here for one year or more?

- For example, for arrival in 1974 write: [1][9][7][4] Year

Person 1
[ ][ ][ ][ ] Year
- ○ Will be in Australia less than one year

Person 2
[ ][ ][ ][ ] Year
- ○ Will be in Australia less than one year

14　Was the person's father born in Australia or overseas?

- Remember to mark box like this: ▬

Person 1
- ○ Australia
- ○ Overseas

Person 2
- ○ Australia
- ○ Overseas

15　Was the person's mother born in Australia or overseas?

- Remember to mark box like this: ▬

Person 1
- ○ Australia
- ○ Overseas

Person 2
- ○ Australia
- ○ Overseas

Person 3	Person 4	Person 5	Person 6
○ Same as in question 8	○ Same as in question 8	○ Same as in question 8	○ Same as in question 8
○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address
Street number	Street number	Street number	Street number
Street name	Street name	Street name	Street name
Suburb/Locality	Suburb/Locality	Suburb/Locality	Suburb/Locality
State/Territory Postcode	State/Territory Postcode	State/Territory Postcode	State/Territory Postcode
○ Other country	○ Other country	○ Other country	○ Other country
○ Same as in question 8	○ Same as in question 8	○ Same as in question 8	○ Same as in question 8
○ Same as in question 9	○ Same as in question 9	○ Same as in question 9	○ Same as in question 9
○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address	○ Elsewhere in Australia – please specify address
Street number	Street number	Street number	Street number
Street name	Street name	Street name	Street name
Suburb/Locality	Suburb/Locality	Suburb/Locality	Suburb/Locality
State/Territory Postcode	State/Territory Postcode	State/Territory Postcode	State/Territory Postcode
○ Other country	○ Other country	○ Other country	○ Other country
○ Yes, Australian citizen	○ Yes, Australian citizen	○ Yes, Australian citizen	○ Yes, Australian citizen
○ No	○ No	○ No	○ No
○ Australia ▶ Go to 14	○ Australia ▶ Go to 14	○ Australia ▶ Go to 14	○ Australia ▶ Go to 14
○ England	○ England	○ England	○ England
○ New Zealand	○ New Zealand	○ New Zealand	○ New Zealand
○ Italy	○ Italy	○ Italy	○ Italy
○ Vietnam	○ Vietnam	○ Vietnam	○ Vietnam
○ India	○ India	○ India	○ India
○ Scotland	○ Scotland	○ Scotland	○ Scotland
Other – please specify	Other – please specify	Other – please specify	Other – please specify
Year	Year	Year	Year
○ Will be in Australia less than one year	○ Will be in Australia less than one year	○ Will be in Australia less than one year	○ Will be in Australia less than one year
○ Australia	○ Australia	○ Australia	○ Australia
○ Overseas	○ Overseas	○ Overseas	○ Overseas
○ Australia	○ Australia	○ Australia	○ Australia
○ Overseas	○ Overseas	○ Overseas	○ Overseas

67

16 Does the person speak a language other than English *at home*?

- Mark one box only.
- If more than one language other than English, write the one that is spoken most often.
- Remember to mark box like this: ▬

Person 1:
- No, English only ▶ Go to 18
- Yes, Italian
- Yes, Greek
- Yes, Cantonese
- Yes, Arabic
- Yes, Mandarin
- Yes, Vietnamese
- Yes, other – please specify

Person 2:
- No, English only ▶ Go to 18
- Yes, Italian
- Yes, Greek
- Yes, Cantonese
- Yes, Arabic
- Yes, Mandarin
- Yes, Vietnamese
- Yes, other – please specify

17 How well does the person speak *English*?

- Remember to mark box like this: ▬

Person 1:
- Very well
- Well
- Not well
- Not at all

Person 2:
- Very well
- Well
- Not well
- Not at all

18 What is the person's ancestry?

- Provide up to two ancestries only.
- Examples of 'Other – please specify' are: GREEK, VIETNAMESE, HMONG, DUTCH, KURDISH, MAORI, LEBANESE, AUSTRALIAN SOUTH SEA ISLANDER.
- Remember to mark boxes like this: ▬
- (i) Visit www.abs.gov.au/censushelp for more information.

Person 1:
- English
- Irish
- Scottish
- Italian
- German
- Chinese
- Australian
- Other – please specify

Person 2:
- English
- Irish
- Scottish
- Italian
- German
- Chinese
- Australian
- Other – please specify

19 What is the person's religion?

- Answering this question is OPTIONAL.
- Examples of 'Other - please specify' are: SALVATION ARMY, HINDUISM, JUDAISM, HUMANISM.
- If no religion, mark the 'No religion' box.
- Remember to mark box like this: ▬

Person 1:
- Catholic
- Anglican (Church of England)
- Uniting Church
- Presbyterian
- Buddhism
- Greek Orthodox
- Islam
- Baptist
- Lutheran
- Other – please specify
- No religion

Person 2:
- Catholic
- Anglican (Church of England)
- Uniting Church
- Presbyterian
- Buddhism
- Greek Orthodox
- Islam
- Baptist
- Lutheran
- Other – please specify
- No religion

20 Does the person ever need someone to help with, or be with them for, self care activities?

- For example: doing everyday activities such as eating, showering, dressing or toileting
- (i) Visit www.abs.gov.au/censushelp for more information.

Person 1:
- Yes, always
- Yes, sometimes
- No

Person 2:
- Yes, always
- Yes, sometimes
- No

21 Does the person ever need someone to help with, or be with them for, body movement activities?

- For example: getting out of bed, moving around at home or at places away from home.

Person 1:
- Yes, always
- Yes, sometimes
- No

Person 2:
- Yes, always
- Yes, sometimes
- No

22 Does the person ever need someone to help with, or be with them for, communication activities?

- For example: understanding, or being understood by, others.

Person 1:
- Yes, always
- Yes, sometimes
- No

Person 2:
- Yes, always
- Yes, sometimes
- No

Person 3	Person 4	Person 5	Person 6
○ No, English only ▶ Go to 18	○ No, English only ▶ Go to 18	○ No, English only ▶ Go to 18	○ No, English only ▶ Go to 18
○ Yes, Italian	○ Yes, Italian	○ Yes, Italian	○ Yes, Italian
○ Yes, Greek	○ Yes, Greek	○ Yes, Greek	○ Yes, Greek
○ Yes, Cantonese	○ Yes, Cantonese	○ Yes, Cantonese	○ Yes, Cantonese
○ Yes, Arabic	○ Yes, Arabic	○ Yes, Arabic	○ Yes, Arabic
○ Yes, Mandarin	○ Yes, Mandarin	○ Yes, Mandarin	○ Yes, Mandarin
○ Yes, Vietnamese	○ Yes, Vietnamese	○ Yes, Vietnamese	○ Yes, Vietnamese
Yes, other – please specify	Yes, other – please specify	Yes, other – please specify	Yes, other – please specify

Person 3	Person 4	Person 5	Person 6
○ Very well	○ Very well	○ Very well	○ Very well
○ Well	○ Well	○ Well	○ Well
○ Not well	○ Not well	○ Not well	○ Not well
○ Not at all	○ Not at all	○ Not at all	○ Not at all

Person 3	Person 4	Person 5	Person 6
○ English	○ English	○ English	○ English
○ Irish	○ Irish	○ Irish	○ Irish
○ Scottish	○ Scottish	○ Scottish	○ Scottish
○ Italian	○ Italian	○ Italian	○ Italian
○ German	○ German	○ German	○ German
○ Chinese	○ Chinese	○ Chinese	○ Chinese
○ Australian	○ Australian	○ Australian	○ Australian
Other – please specify	Other – please specify	Other – please specify	Other – please specify

Person 3	Person 4	Person 5	Person 6
○ Catholic	○ Catholic	○ Catholic	○ Catholic
○ Anglican (Church of England)	○ Anglican (Church of England)	○ Anglican (Church of England)	○ Anglican (Church of England)
○ Uniting Church	○ Uniting Church	○ Uniting Church	○ Uniting Church
○ Presbyterian	○ Presbyterian	○ Presbyterian	○ Presbyterian
○ Buddhism	○ Buddhism	○ Buddhism	○ Buddhism
○ Greek Orthodox	○ Greek Orthodox	○ Greek Orthodox	○ Greek Orthodox
○ Islam	○ Islam	○ Islam	○ Islam
○ Baptist	○ Baptist	○ Baptist	○ Baptist
○ Lutheran	○ Lutheran	○ Lutheran	○ Lutheran
Other – please specify	Other – please specify	Other – please specify	Other – please specify

Person 3	Person 4	Person 5	Person 6
○ No religion	○ No religion	○ No religion	○ No religion

Person 3	Person 4	Person 5	Person 6
○ Yes, always	○ Yes, always	○ Yes, always	○ Yes, always
○ Yes, sometimes	○ Yes, sometimes	○ Yes, sometimes	○ Yes, sometimes
○ No	○ No	○ No	○ No

Person 3	Person 4	Person 5	Person 6
○ Yes, always	○ Yes, always	○ Yes, always	○ Yes, always
○ Yes, sometimes	○ Yes, sometimes	○ Yes, sometimes	○ Yes, sometimes
○ No	○ No	○ No	○ No

Person 3	Person 4	Person 5	Person 6
○ Yes, always	○ Yes, always	○ Yes, always	○ Yes, always
○ Yes, sometimes	○ Yes, sometimes	○ Yes, sometimes	○ Yes, sometimes
○ No	○ No	○ No	○ No

SAMPLE

69

		Person 1	Person 2
23	What are the reasons for the need for assistance or supervision shown in questions 20, 21 and 22? • Mark all applicable reasons. • Remember to mark boxes like this: ▬	○ No need for help or supervision ○ Short-term health condition (lasting less than six months) ○ Long-term health condition (lasting six months or more) ○ Disability (lasting six months or more) ○ Old or young age ○ Difficulty with English language ○ Other cause	○ No need for help or supervision ○ Short-term health condition (lasting less than six months) ○ Long-term health condition (lasting six months or more) ○ Disability (lasting six months or more) ○ Old or young age ○ Difficulty with English language ○ Other cause
24	Is the person attending a school or any other educational institution? • Include pre-school and external or correspondence students.	○ No ▶ Go to 26 ○ Yes, full-time student ○ Yes, part-time student	○ No ▶ Go to 26 ○ Yes, full-time student ○ Yes, part-time student
25	What type of educational institution is the person attending? • Mark one box only. • Include external or correspondence students. • Include secondary colleges and senior high schools under the 'Secondary school' category. • Remember to mark box like this: ▬ ⓘ Visit www.abs.gov.au/censushelp for more information about year equivalents	○ Pre-school **Infants/Primary school** ○ Government ○ Catholic ○ Other non-government **Secondary school** ○ Government ○ Catholic ○ Other non-government **Tertiary institution** ○ Technical or further educational institution (including TAFE Colleges) ○ University or other higher educational institution ○ Other educational institution	○ Pre-school **Infants/Primary school** ○ Government ○ Catholic ○ Other non-government **Secondary school** ○ Government ○ Catholic ○ Other non-government **Tertiary institution** ○ Technical or further educational institution (including TAFE Colleges) ○ University or other higher educational institution ○ Other educational institution

26 Only continue for persons aged 15 years or more

		Person 1	Person 2
27	What is the highest year of primary or secondary school the person has *completed*? • Mark one box only. • For persons who returned after a break to complete their schooling, mark the highest year completed when they last left. ⓘ Visit www.abs.gov.au/censushelp for more information about year equivalents	○ Year 12 or equivalent ○ Year 11 or equivalent ○ Year 10 or equivalent ○ Year 9 or equivalent ○ Year 8 or below ○ Did not go to school	○ Year 12 or equivalent ○ Year 11 or equivalent ○ Year 10 or equivalent ○ Year 9 or equivalent ○ Year 8 or below ○ Did not go to school
28	Has the person *completed* any educational qualification (including a trade certificate)? • Mark one box only. ⓘ Visit www.abs.gov.au/censushelp for more information on the treatment of AQF or vocational certificates.	○ No ▶ Go to 32 ○ No, still studying for first qualification ▶ Go to 32 ○ Yes, trade certificate/ apprenticeship ○ Yes, other qualification	○ No ▶ Go to 32 ○ No, still studying for first qualification ▶ Go to 32 ○ Yes, trade certificate/ apprenticeship ○ Yes, other qualification
29	What is the level of the *highest* qualification the person has *completed*? • For example: TRADE CERTIFICATE, BACHELOR DEGREE, ASSOCIATE DIPLOMA, CERTIFICATE II, ADVANCED DIPLOMA.	Level of qualification	Level of qualification
30	What is the main field of study for the person's *highest* qualification *completed*? • For example: PLUMBING, HISTORY, PRIMARY SCHOOL TEACHING, HAIRDRESSING, GREENKEEPING.	Field of study	Field of study
31	Did the person *complete* this qualification before 1998? • Remember to mark box like this: ▬	○ Yes, before 1998 ○ No, 1998 or later	○ Yes, before 1998 ○ No, 1998 or later

Person 3	Person 4	Person 5	Person 6
○ No need for help or supervision	○ No need for help or supervision	○ No need for help or supervision	○ No need for help or supervision
○ Short-term health condition (lasting less than six months)	○ Short-term health condition (lasting less than six months)	○ Short-term health condition (lasting less than six months)	○ Short-term health condition (lasting less than six months)
○ Long-term health condition (lasting six months or more)	○ Long-term health condition (lasting six months or more)	○ Long-term health condition (lasting six months or more)	○ Long-term health condition (lasting six months or more)
○ Disability (lasting six months or more)	○ Disability (lasting six months or more)	○ Disability (lasting six months or more)	○ Disability (lasting six months or more)
○ Old or young age	○ Old or young age	○ Old or young age	○ Old or young age
○ Difficulty with English language	○ Difficulty with English language	○ Difficulty with English language	○ Difficulty with English language
○ Other cause	○ Other cause	○ Other cause	○ Other cause
○ No ▶ Go to 26	○ No ▶ Go to 26	○ No ▶ Go to 26	○ No ▶ Go to 26
○ Yes, full-time student	○ Yes, full-time student	○ Yes, full-time student	○ Yes, full-time student
○ Yes, part-time student	○ Yes, part-time student	○ Yes, part-time student	○ Yes, part-time student
○ Pre-school	○ Pre-school	○ Pre-school	○ Pre-school
Infants/Primary school	**Infants/Primary school**	**Infants/Primary school**	**Infants/Primary school**
○ Government	○ Government	○ Government	○ Government
○ Catholic	○ Catholic	○ Catholic	○ Catholic
○ Other non-government	○ Other non-government	○ Other non-government	○ Other non-government
Secondary school	**Secondary school**	**Secondary school**	**Secondary school**
○ Government	○ Government	○ Government	○ Government
○ Catholic	○ Catholic	○ Catholic	○ Catholic
○ Other non-government	○ Other non-government	○ Other non-government	○ Other non-government
Tertiary institution	**Tertiary institution**	**Tertiary institution**	**Tertiary institution**
○ Technical or further educational institution (including TAFE Colleges)	○ Technical or further educational institution (including TAFE Colleges)	○ Technical or further educational institution (including TAFE Colleges)	○ Technical or further educational institution (including TAFE Colleges)
○ University or other higher educational institution	○ University or other higher educational institution	○ University or other higher educational institution	○ University or other higher educational institution
○ **Other educational institution**	○ **Other educational institution**	○ **Other educational institution**	○ **Other educational institution**

Only continue for persons aged 15 years or more

Person 3	Person 4	Person 5	Person 6
○ Year 12 or equivalent	○ Year 12 or equivalent	○ Year 12 or equivalent	○ Year 12 or equivalent
○ Year 11 or equivalent	○ Year 11 or equivalent	○ Year 11 or equivalent	○ Year 11 or equivalent
○ Year 10 or equivalent	○ Year 10 or equivalent	○ Year 10 or equivalent	○ Year 10 or equivalent
○ Year 9 or equivalent	○ Year 9 or equivalent	○ Year 9 or equivalent	○ Year 9 or equivalent
○ Year 8 or below	○ Year 8 or below	○ Year 8 or below	○ Year 8 or below
○ Did not go to school	○ Did not go to school	○ Did not go to school	○ Did not go to school
○ No ▶ Go to 32	○ No ▶ Go to 32	○ No ▶ Go to 32	○ No ▶ Go to 32
○ No, still studying for first qualification ▶ Go to 32	○ No, still studying for first qualification ▶ Go to 32	○ No, still studying for first qualification ▶ Go to 32	○ No, still studying for first qualification ▶ Go to 32
○ Yes, trade certificate/ apprenticeship	○ Yes, trade certificate/ apprenticeship	○ Yes, trade certificate/ apprenticeship	○ Yes, trade certificate/ apprenticeship
○ Yes, other qualification	○ Yes, other qualification	○ Yes, other qualification	○ Yes, other qualification
Level of qualification	Level of qualification	Level of qualification	Level of qualification
Field of study	Field of study	Field of study	Field of study
○ Yes, before 1998	○ Yes, before 1998	○ Yes, before 1998	○ Yes, before 1998
○ No, 1998 or later	○ No, 1998 or later	○ No, 1998 or later	○ No, 1998 or later

71

	Person 1	Person 2

32 For each female, how many babies has she ever given birth to?
- Include live births only.
- Exclude adopted, foster and step children.
- (i) Visit www.abs.gov.au/censushelp for more information.

Person 1	Person 2
Number of babies	Number of babies
None	None

33 What is the *total* of all wages/salaries, government benefits, pensions, allowances and other income the person *usually* receives?

- MARK ONE BOX ONLY.
- Do *not* deduct: tax, superannuation contributions, health insurance, amounts salary sacrificed, or any other automatic deductions.
- Include the following:

Pensions/Allowances	Other income
family tax benefit	interest
parenting payment	dividends
unemployment benefits	rents (exclude expenses of operation)
Newstart allowance	
rent assistance	business/farm income (exclude expenses of operation)
pensions	
student allowances	income from superannuation
maintenance (child support)	any other income
workers' compensation	**Wages/salaries**
any other pensions/allowances	regular overtime commissions and bonuses

- Information from this question provides an indication of living standards in different areas.
- (i) Visit www.abs.gov.au/censushelp for more information.

Person 1	Person 2
$2,000 or more per week ($104,000 or more per year)	$2,000 or more per week ($104,000 or more per year)
$1,500 - $1,999 per week ($78,000 - $103,999 per year)	$1,500 - $1,999 per week ($78,000 - $103,999 per year)
$1,250 - $1,499 per week ($65,000 - $77,999 per year)	$1,250 - $1,499 per week ($65,000 - $77,999 per year)
$1,000 - $1,249 per week ($52,000 - $64,999 per year)	$1,000 - $1,249 per week ($52,000 - $64,999 per year)
$800 - $999 per week ($41,600 - $51,999 per year)	$800 - $999 per week ($41,600 - $51,999 per year)
$600 - $799 per week ($31,200 - $41,599 per year)	$600 - $799 per week ($31,200 - $41,599 per year)
$400 - $599 per week ($20,800 - $31,199 per year)	$400 - $599 per week ($20,800 - $31,199 per year)
$300 - $399 per week ($15,600 - $20,799 per year)	$300 - $399 per week ($15,600 - $20,799 per year)
$200 - $299 per week ($10,400 - $15,599 per year)	$200 - $299 per week ($10,400 - $15,599 per year)
$1 - $199 per week ($1 - $10,399 per year)	$1 - $199 per week ($1 - $10,399 per year)
Nil income	Nil income
Negative income	Negative income

34 *Last week*, did the person have a full-time or part-time job of any kind?

- Mark one box only.
- A 'job' means any type of work including casual, temporary, or part-time work, if it was for one hour or more.
- Remember to mark box like this ▬
- (i) Visit www.abs.gov.au/censushelp for more information.

Person 1	Person 2
Yes, worked for payment or profit	Yes, worked for payment or profit
Yes, but absent on holidays, on paid leave, on strike, or temporarily stood down	Yes, but absent on holidays, on paid leave, on strike, or temporarily stood down
Yes, unpaid work in a family business ▶ Go to 38	Yes, unpaid work in a family business ▶ Go to 38
Yes, other unpaid work ▶ Go to 46	Yes, other unpaid work ▶ Go to 46
No, did not have a job ▶ Go to 46	No, did not have a job ▶ Go to 46

35 In the main job held *last week*, was the person:

- Mark one box only.
- If the person had more than one job last week, then 'main job' refers to the job in which the person usually works the most hours.
- For all persons conducting their own business, including those with their own incorporated (e.g. Pty Ltd) company, as well as sole traders, partnerships and contractors, mark the second box.

Person 1	Person 2
Working for an employer? ▶ Go to 38	Working for an employer? ▶ Go to 38
Working in own business? ▶ Go to 36	Working in own business? ▶ Go to 36

36 Was the person's business:

- Mark one box only.
- Incorporated means a limited liability company.

Person 1	Person 2
Unincorporated?	Unincorporated?
Incorporated (e.g. Pty Ltd)?	Incorporated (e.g. Pty Ltd)?

37 Does the person's business employ people?

- Mark one box only.

Person 1	Person 2
No, no employees	No, no employees
Yes, 1 - 19 employees	Yes, 1 - 19 employees
Yes, 20 or more employees	Yes, 20 or more employees

38 In the main job held *last week*, what was the person's occupation?

- Give full title.
- For example: CHILDCARE AIDE, MATHS TEACHER, PASTRY COOK, TANNING MACHINE OPERATOR, APPRENTICE TOOLMAKER, SHEEP AND WHEAT FARMER.
- For public servants, provide official designation and occupation.
- For armed services personnel, provide rank and occupation.

Person 1	Person 2
Occupation	Occupation

72

Person 3	Person 4	Person 5	Person 6
Number of babies	Number of babies	Number of babies	Number of babies
○ None	○ None	○ None	○ None
○ $2,000 or more per week ($104,000 or more per year)	○ $2,000 or more per week ($104,000 or more per year)	○ $2,000 or more per week ($104,000 or more per year)	○ $2,000 or more per week ($104,000 or more per year)
○ $1,500 - $1,999 per week ($78,000 - $103,999 per year)	○ $1,500 - $1,999 per week ($78,000 - $103,999 per year)	○ $1,500 - $1,999 per week ($78,000 - $103,999 per year)	○ $1,500 - $1,999 per week ($78,000 - $103,999 per year)
○ $1,250 - $1,499 per week ($65,000 - $77,999 per year)	○ $1,250 - $1,499 per week ($65,000 - $77,999 per year)	○ $1,250 - $1,499 per week ($65,000 - $77,999 per year)	○ $1,250 - $1,499 per week ($65,000 - $77,999 per year)
○ $1,000 - $1,249 per week ($52,000 - $64,999 per year)	○ $1,000 - $1,249 per week ($52,000 - $64,999 per year)	○ $1,000 - $1,249 per week ($52,000 - $64,999 per year)	○ $1,000 - $1,249 per week ($52,000 - $64,999 per year)
○ $800 - $999 per week ($41,600 - $51,999 per year)	○ $800 - $999 per week ($41,600 - $51,999 per year)	○ $800 - $999 per week ($41,600 - $51,999 per year)	○ $800 - $999 per week ($41,600 - $51,999 per year)
○ $600 - $799 per week ($31,200 - $41,599 per year)	○ $600 - $799 per week ($31,200 - $41,599 per year)	○ $600 - $799 per week ($31,200 - $41,599 per year)	○ $600 - $799 per week ($31,200 - $41,599 per year)
○ $400 - $599 per week ($20,800 - $31,199 per year)	○ $400 - $599 per week ($20,800 - $31,199 per year)	○ $400 - $599 per week ($20,800 - $31,199 per year)	○ $400 - $599 per week ($20,800 - $31,199 per year)
○ $300 - $399 per week ($15,600 - $20,799 per year)	○ $300 - $399 per week ($15,600 - $20,799 per year)	○ $300 - $399 per week ($15,600 - $20,799 per year)	○ $300 - $399 per week ($15,600 - $20,799 per year)
○ $200 - $299 per week ($10,400 - $15,599 per year)	○ $200 - $299 per week ($10,400 - $15,599 per year)	○ $200 - $299 per week ($10,400 - $15,599 per year)	○ $200 - $299 per week ($10,400 - $15,599 per year)
○ $1 - $199 per week ($1 - $10,399 per year)	○ $1 - $199 per week ($1 - $10,399 per year)	○ $1 - $199 per week ($1 - $10,399 per year)	○ $1 - $199 per week ($1 - $10,399 per year)
○ Nil income	○ Nil income	○ Nil income	○ Nil income
○ Negative income	○ Negative income	○ Negative income	○ Negative income
○ Yes, worked for payment or profit	○ Yes, worked for payment or profit	○ Yes, worked for payment or profit	○ Yes, worked for payment or profit
○ Yes, but absent on holidays, on paid leave, on strike, or temporarily stood down	○ Yes, but absent on holidays, on paid leave, on strike, or temporarily stood down	○ Yes, but absent on holidays, on paid leave, on strike, or temporarily stood down	○ Yes, but absent on holidays, on paid leave, on strike, or temporarily stood down
○ Yes, unpaid work in a family business ▶ Go to 38	○ Yes, unpaid work in a family business ▶ Go to 38	○ Yes, unpaid work in a family business ▶ Go to 38	○ Yes, unpaid work in a family business ▶ Go to 38
○ Yes, other unpaid work ▶ Go to 46	○ Yes, other unpaid work ▶ Go to 46	○ Yes, other unpaid work ▶ Go to 46	○ Yes, other unpaid work ▶ Go to 46
○ No, did not have a job ▶ Go to 46	○ No, did not have a job ▶ Go to 46	○ No, did not have a job ▶ Go to 46	○ No, did not have a job ▶ Go to 46
○ Working for an employer? ▶ Go to 38	○ Working for an employer? ▶ Go to 38	○ Working for an employer? ▶ Go to 38	○ Working for an employer? ▶ Go to 38
○ Working in own business? ▶ Go to 36	○ Working in own business? ▶ Go to 36	○ Working in own business? ▶ Go to 36	○ Working in own business? ▶ Go to 36
○ Unincorporated?	○ Unincorporated?	○ Unincorporated?	○ Unincorporated?
○ Incorporated (e.g. Pty Ltd)?	○ Incorporated (e.g. Pty Ltd)?	○ Incorporated (e.g. Pty Ltd)?	○ Incorporated (e.g. Pty Ltd)?
○ No, no employees	○ No, no employees	○ No, no employees	○ No, no employees
○ Yes, 1 - 19 employees	○ Yes, 1 - 19 employees	○ Yes, 1 - 19 employees	○ Yes, 1 - 19 employees
○ Yes, 20 or more employees	○ Yes, 20 or more employees	○ Yes, 20 or more employees	○ Yes, 20 or more employees
Occupation	Occupation	Occupation	Occupation

73

39 **What are the main tasks that the person usually performs in the occupation reported at Question 38?**

- Give full details.
- For example: LOOKING AFTER CHILDREN AT A DAY CARE CENTRE, TEACHING SECONDARY SCHOOL STUDENTS, MAKING CAKES AND PASTRIES, OPERATING LEATHER TANNING MACHINE, LEARNING TO MAKE AND REPAIR TOOLS AND DIES, RUNNING A SHEEP AND WHEAT FARM.
- For managers, provide main activities managed.

Person 1 — Tasks or duties

Person 2 — Tasks or duties

40 **For the main job held *last week,* what was the employer's business name?**

- For self-employed persons, write name of business.
- For teachers, write name of school.

Person 1 — Business name

Person 2 — Business name

41 **For the main job held *last week,* what was the person's workplace address?**

- For persons who usually worked from home, write the home address.
- For persons with no fixed place of work:
  - if the person usually travels to a depot to start work, write the depot address;
  - otherwise write 'NONE' in 'Suburb/Locality' box.
- This information is used to calculate daytime populations and to plan transport activities.

(i) Visit **www.abs.gov.au/censushelp** for more information.

Person 1 — Street number / Street name / Suburb/Locality / State/Territory / Postcode / Building/Property name (if any)

Person 2 — Street number / Street name / Suburb/Locality / State/Territory / Postcode / Building/Property name (if any)

42 **Which best describes the *industry* or *business* of the *employer* at the location where the person works?**

- Mark one box only.
- Examples of 'Other – please specify' are: REPAIRS AND MAINTENANCE, EDUCATION, AGRICULTURE, FINANCE, TELECOMMUNICATIONS SERVICE.
- Remember to mark box like this: ▬

(i) Visit **www.abs.gov.au/censushelp** for more information.

Person 1:
- Manufacturing
- Wholesaling
- Retailing
- Accommodation
- Cafes, restaurants and take-aways
- Road freight transport
- House construction
- Health service
- Community care service
- Other – please specify

Person 2:
- Manufacturing
- Wholesaling
- Retailing
- Accommodation
- Cafes, restaurants and take-aways
- Road freight transport
- House construction
- Health service
- Community care service
- Other – please specify

43 **What are the *main* goods produced or *main* services provided by the employer's *business*?**

- Describe as fully as possible, using two words or more.
- For example: WHEAT AND SHEEP, BUS CHARTER, HEALTH INSURANCE, PRIMARY SCHOOL EDUCATION, CIVIL ENGINEERING CONSULTANCY SERVICE, HOUSE BUILDING, STEEL PIPES.

Person 1 — Goods produced/services provided

Person 2 — Goods produced/services provided

Person 3	Person 4	Person 5	Person 6
Tasks or duties	**Tasks or duties**	**Tasks or duties**	**Tasks or duties**
Business name	**Business name**	**Business name**	**Business name**
Street number	Street number	Street number	Street number
Street name	Street name	Street name	Street name
Suburb/Locality	Suburb/Locality	Suburb/Locality	Suburb/Locality
State/Territory Postcode	State/Territory Postcode	State/Territory Postcode	State/Territory Postcode
Building/Property name (if any)	Building/Property name (if any)	Building/Property name (if any)	Building/Property name (if any)

Person 3	Person 4	Person 5	Person 6
○ Manufacturing	○ Manufacturing	○ Manufacturing	○ Manufacturing
○ Wholesaling	○ Wholesaling	○ Wholesaling	○ Wholesaling
○ Retailing	○ Retailing	○ Retailing	○ Retailing
○ Accommodation	○ Accommodation	○ Accommodation	○ Accommodation
○ Cafes, restaurants and take-aways	○ Cafes, restaurants and take-aways	○ Cafes, restaurants and take-aways	○ Cafes, restaurants and take-aways
○ Road freight transport	○ Road freight transport	○ Road freight transport	○ Road freight transport
○ House construction	○ House construction	○ House construction	○ House construction
○ Health service	○ Health service	○ Health service	○ Health service
○ Community care service	○ Community care service	○ Community care service	○ Community care service
Other – please specify	Other – please specify	Other – please specify	Other – please specify
Goods produced/services provided	**Goods produced/services provided**	**Goods produced/services provided**	**Goods produced/services provided**

75

	Person 1	Person 2
44 *Last week,* how many hours did the person work in all jobs? • Add any overtime or extra time worked and subtract any time off. • Remember to mark box like this: ▬	☐☐ Hours worked ○ None	☐☐ Hours worked ○ None
45 How did the person get to work on Tuesday, 9 August 2011? • If the person used more than one method of travel to work, mark all methods used. • Remember to mark box like this: ▬	○ Train ○ Bus ○ Ferry ○ Tram (including Light Rail) ○ Taxi ○ Car – as driver ○ Car – as passenger ○ Truck ○ Motorbike or motor scooter ○ Bicycle ○ Walked only ○ Worked at home ○ Other ○ Did not go to work	○ Train ○ Bus ○ Ferry ○ Tram (including Light Rail) ○ Taxi ○ Car – as driver ○ Car – as passenger ○ Truck ○ Motorbike or motor scooter ○ Bicycle ○ Walked only ○ Worked at home ○ Other ○ Did not go to work

46 Did the person actively look for work at any time in the *last four weeks*?
• Examples of actively looking for work include: being registered with Centrelink as a job seeker; checking or registering with any other employment agency; writing, telephoning or applying in person to an employer for work; or advertising for work.
	○ No, did not look for work
	  ▶ Go to 48
	○ Yes, looked for full-time work
	○ Yes, looked for part-time work
		○ No, did not look for work
		  ▶ Go to 48
		○ Yes, looked for full-time work
		○ Yes, looked for part-time work

47 If the person had found a job, could the person have started work *last week*? • Remember to mark box like this: ▬	○ Yes, could have started work last week ○ No, already had a job to go to ○ No, temporarily ill or injured ○ No, other reason	○ Yes, could have started work last week ○ No, already had a job to go to ○ No, temporarily ill or injured ○ No, other reason
48 In the *last week* did the person spend time doing unpaid domestic work for their household? • Include all housework, food/drink preparation and cleanup, laundry, gardening, home maintenance and repairs, and household shopping and finance management. ⓘ Visit www.abs.gov.au/censushelp for more information.	○ No, did not do any unpaid domestic work in the last week ○ Yes, less than 5 hours ○ Yes, 5 to 14 hours ○ Yes, 15 to 29 hours ○ Yes, 30 hours or more	○ No, did not do any unpaid domestic work in the last week ○ Yes, less than 5 hours ○ Yes, 5 to 14 hours ○ Yes, 15 to 29 hours ○ Yes, 30 hours or more
49 In the *last two weeks* did the person spend time providing unpaid care, help or assistance to family members or others because of a disability, a long term illness or problems related to old age? • Recipients of Carer Allowance or Carer Payment should state that they provided unpaid care. • Ad hoc help or assistance, such as shopping, should only be included if the person needs this sort of assistance because of his/her condition. • Do not include work done through a voluntary organisation or group.	○ No, did not provide unpaid care, help or assistance ○ Yes, provided unpaid care, help or assistance	○ No, did not provide unpaid care, help or assistance ○ Yes, provided unpaid care, help or assistance
50 In the *last two weeks* did the person spend time looking after a child, *without pay*? • Only include children who were less than 15 years of age. • Mark all applicable responses.	○ No ○ Yes, looked after my own child ○ Yes, looked after a child other than my own	○ No ○ Yes, looked after my own child ○ Yes, looked after a child other than my own
51 In the *last twelve months* did the person spend any time doing voluntary work through an organisation or group? • Exclude anything you do as part of your paid employment or to qualify for a Government benefit. • Exclude working in a family business.	○ No, did not do voluntary work ○ Yes, did voluntary work	○ No, did not do voluntary work ○ Yes, did voluntary work

Person 3	Person 4	Person 5	Person 6

	Hours worked		Hours worked		Hours worked		Hours worked
○	None	○	None	○	None	○	None

Person 3	Person 4	Person 5	Person 6
○ Train	○ Train	○ Train	○ Train
○ Bus	○ Bus	○ Bus	○ Bus
○ Ferry	○ Ferry	○ Ferry	○ Ferry
○ Tram (including Light Rail)	○ Tram (including Light Rail)	○ Tram (including Light Rail)	○ Tram (including Light Rail)
○ Taxi	○ Taxi	○ Taxi	○ Taxi
○ Car – as driver	○ Car – as driver	○ Car – as driver	○ Car – as driver
○ Car – as passenger	○ Car – as passenger	○ Car – as passenger	○ Car – as passenger
○ Truck	○ Truck	○ Truck	○ Truck
○ Motorbike or motor scooter	○ Motorbike or motor scooter	○ Motorbike or motor scooter	○ Motorbike or motor scooter
○ Bicycle	○ Bicycle	○ Bicycle	○ Bicycle
○ Walked only	○ Walked only	○ Walked only	○ Walked only
○ Worked at home	○ Worked at home	○ Worked at home	○ Worked at home
○ Other	○ Other	○ Other	○ Other
○ Did not go to work	○ Did not go to work	○ Did not go to work	○ Did not go to work

Person 3	Person 4	Person 5	Person 6
○ No, did not look for work ▶ Go to 48	○ No, did not look for work ▶ Go to 48	○ No, did not look for work ▶ Go to 48	○ No, did not look for work ▶ Go to 48
○ Yes, looked for full-time work	○ Yes, looked for full-time work	○ Yes, looked for full-time work	○ Yes, looked for full-time work
○ Yes, looked for part-time work	○ Yes, looked for part-time work	○ Yes, looked for part-time work	○ Yes, looked for part-time work

Person 3	Person 4	Person 5	Person 6
○ Yes, could have started work last week	○ Yes, could have started work last week	○ Yes, could have started work last week	○ Yes, could have started work last week
○ No, already had a job to go to	○ No, already had a job to go to	○ No, already had a job to go to	○ No, already had a job to go to
○ No, temporarily ill or injured	○ No, temporarily ill or injured	○ No, temporarily ill or injured	○ No, temporarily ill or injured
○ No, other reason	○ No, other reason	○ No, other reason	○ No, other reason

Person 3	Person 4	Person 5	Person 6
○ No, did not do any unpaid domestic work in the last week	○ No, did not do any unpaid domestic work in the last week	○ No, did not do any unpaid domestic work in the last week	○ No, did not do any unpaid domestic work in the last week
○ Yes, less than 5 hours	○ Yes, less than 5 hours	○ Yes, less than 5 hours	○ Yes, less than 5 hours
○ Yes, 5 to 14 hours	○ Yes, 5 to 14 hours	○ Yes, 5 to 14 hours	○ Yes, 5 to 14 hours
○ Yes, 15 to 29 hours	○ Yes, 15 to 29 hours	○ Yes, 15 to 29 hours	○ Yes, 15 to 29 hours
○ Yes, 30 hours or more	○ Yes, 30 hours or more	○ Yes, 30 hours or more	○ Yes, 30 hours or more

Person 3	Person 4	Person 5	Person 6
○ No, did not provide unpaid care, help or assistance	○ No, did not provide unpaid care, help or assistance	○ No, did not provide unpaid care, help or assistance	○ No, did not provide unpaid care, help or assistance
○ Yes, provided unpaid care, help or assistance	○ Yes, provided unpaid care, help or assistance	○ Yes, provided unpaid care, help or assistance	○ Yes, provided unpaid care, help or assistance

Person 3	Person 4	Person 5	Person 6
○ No	○ No	○ No	○ No
○ Yes, looked after my own child	○ Yes, looked after my own child	○ Yes, looked after my own child	○ Yes, looked after my own child
○ Yes, looked after a child other than my own	○ Yes, looked after a child other than my own	○ Yes, looked after a child other than my own	○ Yes, looked after a child other than my own

Person 3	Person 4	Person 5	Person 6
○ No, did not do voluntary work	○ No, did not do voluntary work	○ No, did not do voluntary work	○ No, did not do voluntary work
○ Yes, did voluntary work	○ Yes, did voluntary work	○ Yes, did voluntary work	○ Yes, did voluntary work

77

Please answer the following questions for this dwelling

52 Are there any persons who usually live in this dwelling who were *absent* on Census Night (Tuesday, 9 August 2011)?

- 'Usually live' means that address at which the person has lived, or intends to live, for a total of six months or more in 2011.
- Remember to mark box like this: ▬

- ○ No, no-one absent ▶ Go to 54
- ○ Yes, someone absent ▶ Go to 53

53 For each person *absent*, complete the following questions:

- Remember to mark boxes like this: ▬

Name of each person who usually lives in this dwelling but was not here on the night of Tuesday, 9 August 2011.

First or given name	First or given name	First or given name
Surname or family name	Surname or family name	Surname or family name

Is the person male or female?
- Mark one box for each person absent

○ Male	○ Male	○ Male
○ Female	○ Female	○ Female

What is the person's date of birth (or age last birthday)?

- Example for date of birth:

Day	Month	Year
2 3	0 5	1 9 7 0

- If date of birth not known, give age last birthday.
- Example for age last birthday:

4 1   Years

Day Month Year	Day Month Year	Day Month Year
□□ □□ □□□□	□□ □□ □□□□	□□ □□ □□□□
OR	OR	OR
Age last birthday	Age last birthday	Age last birthday
□□□ Years	□□□ Years	□□□ Years

Is the person of Aboriginal or Torres Strait Islander origin?
- For persons of both Aboriginal and Torres Strait Islander origin, mark both 'Yes' boxes.

○ No	○ No	○ No
○ Yes, Aboriginal	○ Yes, Aboriginal	○ Yes, Aboriginal
○ Yes, Torres Strait Islander	○ Yes, Torres Strait Islander	○ Yes, Torres Strait Islander

Is the person a full-time student?

○ No	○ No	○ No
○ Yes	○ Yes	○ Yes

What is the person's relationship to Person 1/Person 2?
- Examples of other relationships: SON-IN-LAW, GRAND-DAUGHTER, UNCLE, BOARDER.

○ Husband or wife of Person 1	○ Husband or wife of Person 1	○ Husband or wife of Person 1
○ De facto partner of Person 1	○ De facto partner of Person 1	○ De facto partner of Person 1
○ Child of both Person 1 and Person 2	○ Child of both Person 1 and Person 2	○ Child of both Person 1 and Person 2
○ Child of Person 1 only	○ Child of Person 1 only	○ Child of Person 1 only
○ Child of Person 2 only	○ Child of Person 2 only	○ Child of Person 2 only
○ Unrelated flatmate or co-tenant of Person 1	○ Unrelated flatmate or co-tenant of Person 1	○ Unrelated flatmate or co-tenant of Person 1
Other relationship to Person 1 – please specify	Other relationship to Person 1 – please specify	Other relationship to Person 1 – please specify

54 How many registered motor vehicles owned or used by residents of this dwelling were garaged or parked at or near this dwelling on Census Night (Tuesday, 9 August 2011)?

- Include vans and company vehicles kept at home.
- Exclude motorbikes and motor scooters.

- □□ Motor vehicles
- ○ None

Please answer the following questions for this dwelling

55 How many bedrooms are there in this dwelling?

- If the dwelling is a bedsitter, mark the 'None' box like this: ▬

☐☐ Number of bedrooms
○ None

56 Is this dwelling:

- Include owners of caravans, manufactured homes or houseboats regardless of whether or not the site is owned.
- Remember to mark box like this: ▬

○ Owned outright? ▶ **Go to 59**
○ Owned with a mortgage? ▶ **Go to 58**
○ Being purchased under a rent/buy scheme?
○ Being rented?
○ Being occupied rent free?
○ Being occupied under a life tenure scheme?
○ Other?

57 If this dwelling is being rented, who is it rented from?

- For all state/territory specific Government housing authorities, mark second box. Some examples of Government housing authorities are: NSW Department of Housing, Office of Housing (VIC), Department of Communities, Housing and Homelessness Services (QLD), South Australian Housing Trust, Department of Housing (WA), Housing Tasmania, Territory Housing (NT), ACT Housing, Aboriginal Housing Authorities.
- Remember to mark box like this: ▬

○ Real estate agent
○ Government Housing Authority/Housing Department (Public Housing)
○ Parent/Other relative not in this dwelling
○ Other person not in this dwelling
○ Residential park (including caravan parks and marinas)
○ Employer – Government (including Defence Housing Authority)
○ Employer – Private
○ Housing co-operative; Community or Church Group

58 How much does your household pay for this dwelling?

- Include rent and mortgage repayments and site fees if the dwelling is a caravan or manufactured home in a caravan park or manufactured home estate.
- Exclude water rates, council rates, repairs, maintenance and other fees.
- Do not include cents.
- If no payments, please mark the 'Nil payments' box like this: ▬

$ ☐☐☐☐ per week
OR
$ ☐☐☐☐.00 per fortnight
OR
$ ☐☐☐☐.00 per month
○ Nil payments

59 Can the Internet be accessed at this dwelling?

- Include any Internet service regardless of whether or not paid for by the household.
- If more than one type of connection in dwelling, mark most frequently used type.
- Remember to mark box like this: ▬

○ No Internet connection
○ Yes, broadband connection (including ADSL, Cable, Wireless and Satellite connections)
○ Yes, dial-up connection (including analog modem and ISDN connections)
○ Other (include Internet access through mobile phones, etc)

60 Does each person in this household agree to his/her name and address and other information on this form being kept by the National Archives of Australia and then made publicly available after 99 years?

- Answering this question is OPTIONAL
- A person's name-identified information will not be kept where a person does not agree or the answer is left blank.
- ⓘ Visit www.abs.gov.au/censushelp for more information.

PLEASE CHECK WITH EACH PERSON BEFORE ANSWERING – LEAVE BLANK FOR THOSE PERSONS WHOSE VIEWS ARE NOT KNOWN TO YOU

Person 1	Person 2	Person 3	Person 4	Person 5	Person 6
○ Yes, agrees	○ Yes, agrees	○ Yes, agrees	○ Yes, agrees	○ Yes, agrees	○ Yes, agrees
○ No, does not agree	○ No, does not agree	○ No, does not agree	○ No, does not agree	○ No, does not agree	○ No, does not agree

61 Finished?

- Please check that the answers to Question 60 accurately reflect the view, where known, of each person in the household.
- Please make sure you have not missed any pages or questions.
- Please sign here.

Signature

Date

Thank you for completing this form. Australian Statistician

Collector's Use Only

CCF

Office Use Only

ME

- 1
- 2
- 3

TF
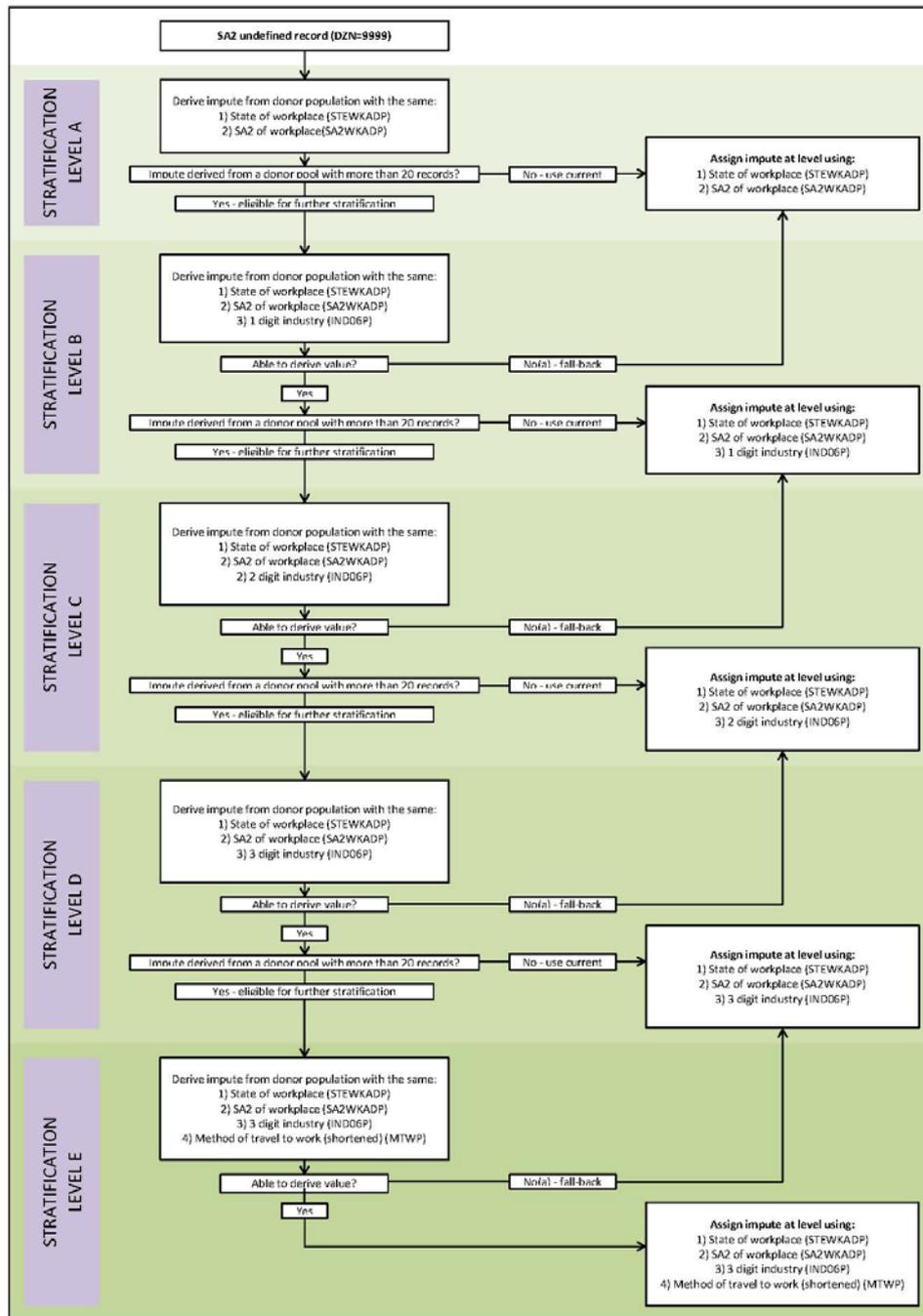
- 1

UO

- 1

4.10 Imputation flow diagrams
Figure A.1 process for deriving an impute for 'SA2' undefined record

SA2 undefined record (DZN=9999)

STRATIFICATION LEVEL A

Derive impute from donor population with the same:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}

Impute derived from a donor pool with more than 20 records? → No - use current

Yes - eligible for further stratification

Assign impute at level using:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}

STRATIFICATION LEVEL B

Derive impute from donor population with the same:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 1 digit industry {IND06P}

Able to derive value? → No(a) - fall-back

Yes

Impute derived from a donor pool with more than 20 records? → No - use current

Yes - eligible for further stratification

Assign impute at level using:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 1 digit industry {IND06P}

STRATIFICATION LEVEL C

Derive impute from donor population with the same:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
2) 2 digit industry {IND06P}

Able to derive value? → No(a) - fall-back

Yes

Impute derived from a donor pool with more than 20 records? → No - use current

Yes - eligible for further stratification

Assign impute at level using:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 2 digit industry {IND06P}

STRATIFICATION LEVEL D

Derive impute from donor population with the same:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 3 digit industry {IND06P}

Able to derive value? → No(a) - fall-back

Yes

Impute derived from a donor pool with more than 20 records? → No - use current

Yes - eligible for further stratification

Assign impute at level using:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 3 digit industry {IND06P}

STRATIFICATION LEVEL E

Derive impute from donor population with the same:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 3 digit industry {IND06P}
4) Method of travel to work {shortened} {MTWP}

Able to derive value? → No(a) - fall-back

Yes

Assign impute at level using:
1) State of workplace {STEWKADP}
2) SA2 of workplace {SA2WKADP}
3) 3 digit industry {IND06P}
4) Method of travel to work {shortened} {MTWP}

SA2 undefined imputation procedure

Base	Stratified by
State of wkpl | SA2 of wkpl	Industry | Method of travel to work

Footnotes

(a) Unable to derive value due to no corresponding donor records, or the candidate record lacking information required to support stratifying at this level (i.e. missing data)

Figure A.2 process for deriving an impute for 'capital city' undefined record
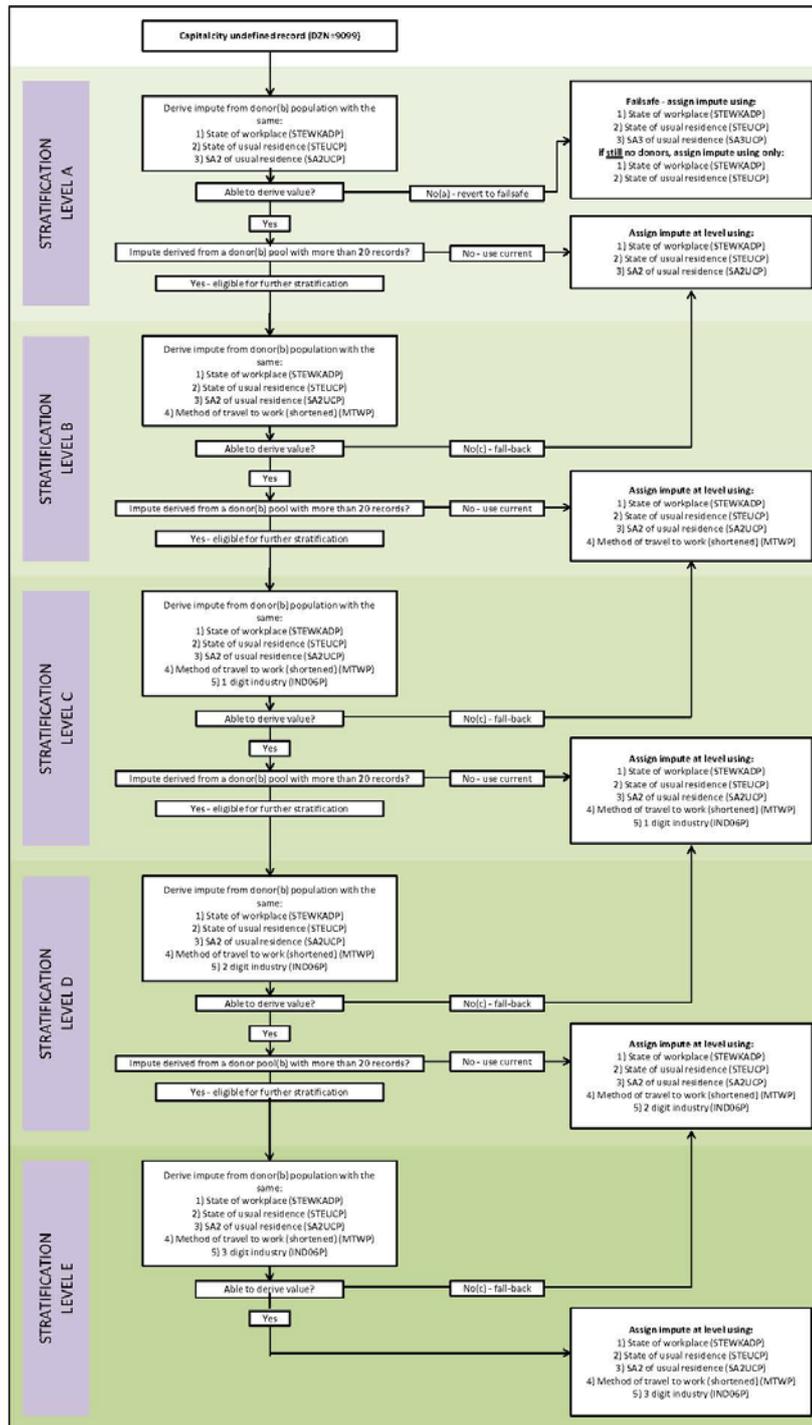
Capital city undefined imputation procedure

Base	Stratified by
State of wkpl | State of UR | SA2 of UR	Method of travel to work | Industry

Footnotes

(a) In a very small proportion of cases (less than 1%), there were no donors in the same SA2 as the candidate record from which to derive information. In such cases, the procedure reverted to a failsafe of assigning imputes using SA3 of UR as opposed to SA2 of UR. In even fewer cases (less than 10 nationally), there were no donor records at the SA3 of UR level. In these cases, SA3 was removed as a base restriction in the imputation entirely.

(b) Donor records for this dump codes are only those whose workplace was in a state or territory capital city. All other records are discarded from the donor population.

(c) Unable to derive value due to no corresponding donor records, or the candidate record lacking information required to support stratifying at this level (i.e. missing data)

**Figure A.3 process for deriving an impute for 'state' undefined record**
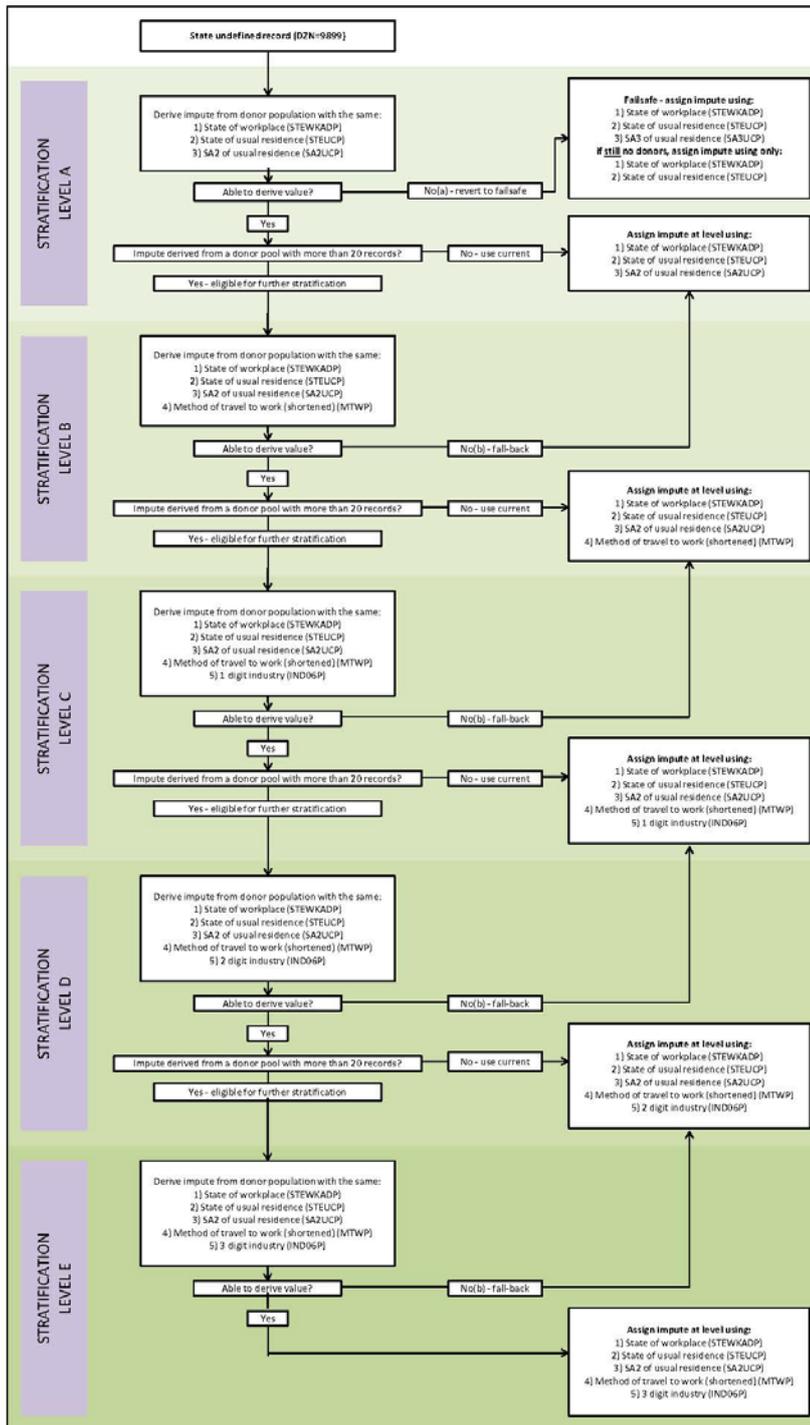
State undefined imputation procedure

Base | Stratified by
State of wkpl | State of UR | SA2 of UR | Method of travel to work | Industry

Footnotes

(a) In a very small proportion of cases (less than 1%), there were no donors in the same SA2 as the candidate record from which to derive information. In such cases, the procedure reverted to a failsafe of assigning imputes using SA3 of UR as opposed to SA2 of UR. In even fewer cases (less than 10 nationally), there were no donor records at the SA3 of UR level. In these cases, SA3 was removed as a base restriction in the imputation entirely.
(b) Unable to derive value due to no corresponding donor records, or the candidate record lacking information required to support stratifying at this level (i.e. missing data)

Figure A.4 process for deriving an impute for 'not stated' undefined record
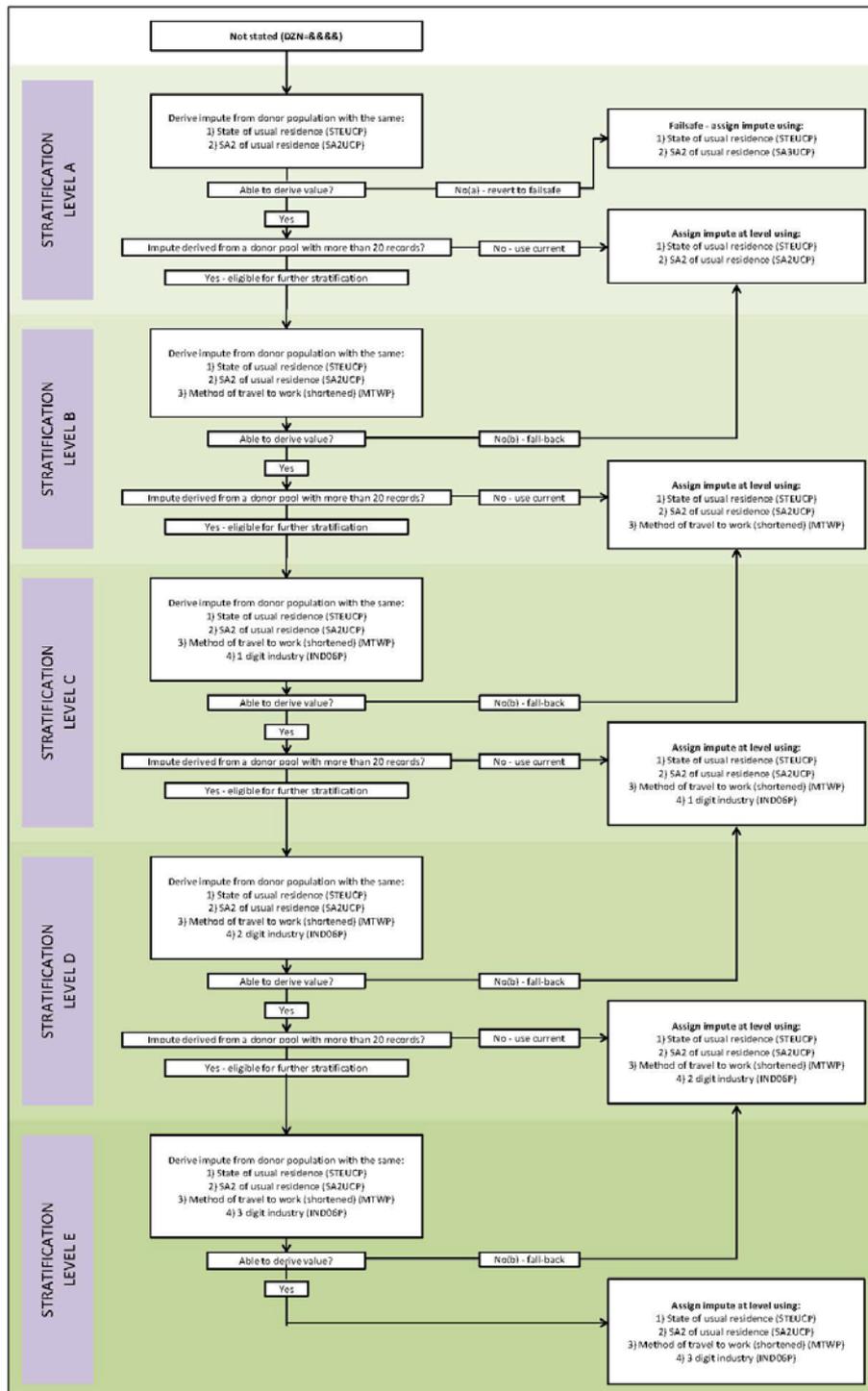
Not stated imputation procedure

Base	Stratified by
State of UR | SA2 of UR	Method of travel to work | Industry

Footnotes

(a) In a very number of cases, there were no donors in the same SA2 as the candidate record from which to derive information. In such cases, the procedure reverted to a failsafe of assigning imputes using SA3 of UR as opposed to SA2 of UR.

(b) Unable to derive value due to no corresponding donor records, or the candidate record lacking information required to support stratifying at this level (i.e. missing data)