

**United Nations Statistics Division: Demographic Yearbook  
Questionnaire on Population Estimates  
Part 2: Metadata**

Reporting country: [Australia](#)  
Reporting year: 2009

**1. Coverage of data**

In order to clarify the exact composition of the population for which estimates were given in this questionnaire, please indicate below the disposition of each group listed. Please also specify the years to which description refers to.

|   |   |                          |                                     |
|---|---|--------------------------|-------------------------------------|
| Population group  | <p>Estimated total population for the following years 2009 - population estimates are based on the definition of a usual resident of Australia.</p> <p>Items (e), (g), (h), (j), (l) and (m) cannot be answered outright. They must take into consideration Australia's '12/16' rule for net overseas migration.</p> <p>Under the 12/16 month rule, overseas travellers must have been resident in Australia for a total period of 12 months or more during the 16 month follow-up period to be included in the estimated resident population. This rule therefore takes account of those persons who may have left Australia briefly and returned, while still being resident for 12 months out of 16. Similarly, it takes account of Australians who live most of the time overseas but periodically return to Australia for short periods.</p> |                          |                                     |
|   | Included  | Excluded                 | Not applicable                      |
| (a) Nomads  | <input type="checkbox"/>  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (b) Persons living in remote areas  | <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>            |
| (c) Military, naval and diplomatic personnel and their families located outside the country   | <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>            |
| (d) Merchant seamen and fishermen resident in the country but at sea at the time of the census (including those who have no place of residence other than their quarters aboard ship) | <input checked="" type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>            |
| (e) Civilian residents temporarily in another country as seasonal workers   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/>            |

|  |                          |                                     |                                     |
|--|--------------------------|-------------------------------------|-------------------------------------|
| (f) Civilian residents who cross a frontier daily to work in another country                   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (g) Civilian residents other than those in (c), (e), and (f) working in another country        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (h) Civilian residents other than those in (c)-(g), temporarily absent from the country        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (i) Foreign military, naval and diplomatic personnel and their families located in the country | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (j) Civilian aliens temporarily in the country as seasonal workers                             | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (k) Civilian aliens who cross a frontier daily to work in another country                      | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (l) Civilian aliens other than those in (i), (j), and (k) working in another country           | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (m) Civilian aliens other than those in (i)-(l), temporarily in country                        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (n) Transients on ships in harbour at the time of the census                                   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

## 2. Method of estimation

### 2.1 Total population

Estimates of total population for a country as a whole may be constructed by a variety of means. Please indicate by a check mark the method used in constructing the latest population estimate for 2009 (date) indicating the source of "base data" and the "method of time adjustment".

#### 2.1.1 Base Data

- (1) Continuous population register
- (2) Complete census taken 2006 (date)
- i) population actually enumerated
- ii) population adjusted to take account of 2.7 % underenumeration
- (3) Sample survey taken (date)
- (4) Partial census taken or partial registration (date)
- (Please describe: )
- (5) Non-censal count of (date)
- (Please describe method: )

(6) Conjectural estimate derived by means other than counting

(Please describe method: )

### 2.1.2 Method of time adjustment

(1) Base data secured annually through population register

(2) Applying statistics of births and deaths (natural increase), and migration

(i) Registered vital statistics

(ii) Vital statistics adjusted for incompleteness

(3) Applying statistics of births and deaths (natural increase), but no account taken of migration

(i) Registered vital statistics

(ii) Vital statistics adjusted for incompleteness

(4) Extrapolating mathematically from censuses taken  (date 1),  (date 2) and  (date 3). Please give formula:

(5) Applying an assumed rate of increase, not derived by mathematical extrapolation or interpolation but based on:

(i) Assumption with respect to mortality, fertility, migration

(ii) Assumption with respect to mortality, fertility, but no account taken of migration

(iii) Other assumed rate

Please give rate used, and describe how obtained:

(6) No time adjustment (base figure held constant)

(7) Other (Please explain: )

## 2.2 Population by age and sex

Estimates of population according to age and sex are assumed to be constructed on the same base data as are the total estimates. However, certain additional factors may affect age distributions estimated from census enumerations or from sample surveys. Please indicate below the adjustment(s) made in the basic age distribution used to construct estimates shown in Tables 2 and 4.

### 2.2.1 Adjustments in base

- (1) None-based on population actually enumerated at various ages or estimated from survey results.
- (2) Enumerated population or population estimated from survey results adjusted to take account of underenumeration at various age.
- (3) Base age distribution "smoothed", i.e., adjusted to remove effects of digit preference in age reporting.

**2.2.2 Method of time adjustment**

Distribution of estimated population according to age and sex may also be made by same methods as used to obtain the projection of the total figure, or it may be derived by distributing the estimate according to the percentage of population in each age-sex group at time of census.

Please indicate below the method used in constructing the age-sex distribution of the latest estimate shown in Table 2.

- (1) Applying actual or assumed natural increase and migration
- (2) Applying actual or assumed natural increase alone
- (3) Distributing the total estimate according to percentage of population in each age-sex group at time of census of sample survey
- (4) By other means (Please describe: )

**2.2.3 Disposition of unknown age**

If frequency in unknown age category of tables 2 and 4 is zero, please indicate below whether, in the preparation of the estimates:

- (1) An age has been assigned to persons for whom age did not appear in the census or sample survey.
- (2) Frequency in unknown age category has been distributed proportionately among known ages.
- (3) The frequency of unknown age appearing in the census or survey was zero.

**2.3 Urban and rural population, and the population of cities**

Please indicate below the method used in making post-censal estimates of urban and rural, and of city population.

|                                     | Urban/rual population    | City population          |
|-------------------------------------|--------------------------|--------------------------|
| (1) Continuous population registers | <input type="checkbox"/> | <input type="checkbox"/> |
| (2) Surveys, other than a census    | <input type="checkbox"/> | <input type="checkbox"/> |

|  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| (3) Extrapolation of percentage  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (4) Observed rate of growth, assumed to continue   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| (5) By other means (Please describe:<br>Regression models using symptomatic indicators of growth, constrained to state/territory populations ) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

### 3. Bibliography of Demographic Statistics

Please list publications that contain results of your latest population census or survey, and current statistics on population estimates:

Australian Demographic Statistics (cat. no. 3101.0)  
 Population by Age and Sex, Australian States and Territories (cat. no. 3201.0)  
 Census of Population and Housing: Basic Community Profiles, 2006 (cat. no. 2001.0)