

ASSISTED AND UNASSISTED MIGRANTS, AUGUST 1972

In August 1972 a survey was conducted, in conjunction with the quarterly population survey, in order to compare various characteristics of assisted migrants who arrived in Australia in 1947 or later with the same characteristics of other migrants and of persons born in Australia.

SUMMARY OF RESULTS

2. There were no marked differences in the labour force participation rates and unemployment rates of assisted migrants and unassisted migrants, except in the group "other females" (i.e. never married, widowed and divorced). Of assisted migrants in this group, 62.5% were in the labour force compared with 50.8% of the unassisted migrants. There were marked differences between the labour force participation rates for migrants arriving in Australia in 1947 or later and for other groups: these differences reflect the different age structures of these groups.

3. Of the migrants who arrived in Australia in 1947 or later, 59.3% were assisted (58.9% of the males and 59.9% of the females). Of those born in the U.K. or Ireland, 83.1% were assisted, compared with 22.4% of those born in Italy. The proportions for those born in other countries for which separate statistics are published in this bulletin varied between these extremes. Of the 1,153,500 assisted migrants, 998,000 (86.5%) were assisted by the Australian Government.

4. Overall, 86.5% of persons were covered by a hospital and/or medical expenditure assistance scheme in August 1972. The coverage rate for persons born in Australia was 87.6%, compared with 83.3% for those born outside Australia. Of the migrants who arrived in Australia in 1947 or later (coverage rate 81.9%), assisted migrants had a coverage rate of 84.0%, compared with a coverage rate of 78.5% for unassisted migrants. Similar patterns were evident for both males and females. Further detail on the coverage of hospital and medical expenditure assistance schemes was published in the bulletin *Persons Covered by Hospital and Medical Expenditure Assistance Schemes, August 1972 - Preliminary Statement* (Ref. No.17.7), released on 31 May 1973. A more detailed bulletin is to be released in the near future.

EXPLANATORY NOTES

Population Coverage

5. The survey was based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, etc.). It covered the whole of Australia. The estimates relate to all persons aged 15 years or over, except members of the permanent armed forces, national servicemen enlisted in the Regular Army Supplement and certain diplomatic personnel customarily excluded from census and estimated populations.

6. Persons who were patients in hospitals and sanatoria, or inmates of gaols, reformatories, etc., for whom, for the purposes of the survey, the institution was regarded as their dwelling, were not asked the survey questions. That is, survey questions were only asked of the non-institutional population.

Definitions

7. For the purposes of the survey the following definitions were used:

- (i) A *migrant* was a person included in the survey who was not born in Australia.
- (ii) An *assisted migrant* was a person:
 - (a) whose passage to Australia was organised through the Australian Immigration Scheme and who, as a result, received assistance with his or her fare (either from the Australian Government or from some other organisation or person); or
 - (b) who arrived in Australia not earlier than 1947 as a refugee.
- (iii) An *unassisted migrant* was a migrant who arrived in Australia not earlier than 1947 and who was not an assisted migrant (see (i) and (ii) above).

- (iv) The labour force category to which a person is assigned depends on his actual activity (i.e. whether working, looking for work, etc.) during a specified week, known as "survey week", which is the week immediately preceding that in which the interview takes place. The principal categories are the employed and unemployed, which together comprise the labour force, and the remainder, who are not in the labour force. Details of the classification are as follows:

- (a) *The labour force* comprises all persons who, during survey week, were employed or unemployed as defined in (b) and (c) below.
- (b) *Employed persons* comprise all those who, during survey week,
- . did any work for pay, profit, commission or payment in kind, in a job or business, or on a farm (including employees, employers and self-employed persons), or
 - . worked fifteen hours or more without pay in a family business (or farm), or
 - . had a job, business or farm, but were not at work because of illness, accident, leave, holiday or industrial dispute; or because of production hold-up due to bad weather, plant breakdown, etc.

A person who had a job but was temporarily laid off by his employer for the whole week without pay is excluded, and is classified in the tables as unemployed. A person who did some work during the week, however, before he either lost his job or was laid off, is classified as employed. A person who held more than one job is counted only once, in the job at which he worked most hours during survey week.

- (c) *Unemployed persons* comprise all those who, during survey week, did no work at all, and who either
- . did not have a job or business and were actively looking for work (including those who stated that they would have looked for work if they had not been temporarily ill or believed no work was available, or had not already made definite arrangements to start work in a new job after survey week), or
 - . were laid off from their jobs without pay for the whole week.

A person who either lost his job or was laid off *during* survey week, but did some work at his job during that week, is classified as employed.

- (d) *Persons not in the labour force* are all those who, during survey week, were not in the categories "employed" or "unemployed" as defined. This category therefore includes persons without a job, business or farm who were not actively looking for work, and who, during survey week, were either keeping house (unpaid), attending school, university, etc., retired or voluntarily idle, permanently unable to work or inmates of institutions. A person who worked less than fifteen hours without pay in a family business during survey week is also classified as not in the labour force.
- (v) *Persons covered by a hospital and/or medical expenditure assistance scheme* are persons who were covered by contributory hospital and medical benefits funds or non-contributory schemes such as the Pensioner Medical Service (but excluding the entitlement to free public ward treatment in Queensland hospitals – see below). A hospital and/or medical benefits fund is defined as "a non-profit organisation providing benefits towards the cost of meeting hospital and/or medical expenses; this organisation must be registered under the National Health Act". At the time of the survey there were 94 such organisations in Australia; 73 provided coverage for both hospital and medical expenses, 16 provided coverage for hospital expenses only and 5 provided coverage for medical expenses only. About one quarter of the funds restricted eligibility for membership by reference to employment, a particular profession, professional association or union. In Queensland, patients in public wards of hospitals are not charged any fee; however, in order to be insured against private ward hospital charges or medical expenses, many people join a hospital and/or medical benefits fund. For the purposes of this survey this entitlement to free public ward treatment has not been counted as an expenditure assistance scheme. Because of this circumstance, the proportion of persons covered by such schemes was lower in Queensland than elsewhere, being only 66.4 per cent, whereas in the rest of Australia coverage was 89.9 per cent, the combined figure for all Australia being 86.5 per cent.

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding.

TABLE 1. - NON-INSTITUTIONAL POPULATION (a), BY BIRTHPLACE AND EMPLOYMENT STATUS, AUGUST 1972

	Employed (b) (<i>'000</i>)	Unemployed (b)		Total labour force (b)		Not in the labour force (b) (<i>'000</i>)	Total (<i>'000</i>)
		Number (<i>'000</i>)	Per cent of labour force	Number (<i>'000</i>)	Per cent of population		
MALES							
Born in Australia	2,689.9	43.0	1.6	2,733.0	82.1	595.8	3,328.8
Born outside Australia -							
Arrived before 1947	89.2	*	*	90.5	56.3	70.2	160.8
Arrived in 1947 or later -							
Assisted (c)	545.2	12.9	2.3	558.1	91.6	51.4	609.5
Unassisted (c)	349.8	9.5	2.6	359.2	90.6	37.5	396.7
Total (d)	921.8	23.0	2.4	944.9	91.2	90.7	1,035.5
Total born outside Australia	1,011.1	24.3	2.4	1,035.4	86.5	160.9	1,196.3
Total males	3,701.0	67.4	1.8	3,768.4	83.3	756.8	4,525.1
MARRIED WOMEN							
Born in Australia	765.3	17.4	2.2	782.7	34.0	1,518.6	2,301.3
Born outside Australia -							
Arrived before 1947	18.1	*	*	18.4	23.0	61.8	80.2
Arrived in 1947 or later -							
Assisted (c)	198.3	5.7	2.8	204.0	47.0	230.2	434.2
Unassisted (c)	115.0	*	*	118.6	46.5	136.6	255.2
Total (d)	320.3	9.8	3.0	330.1	46.5	379.8	709.9
Total born outside Australia	338.3	10.1	2.9	348.5	44.1	441.6	790.1
Total married women	1,103.6	27.6	2.4	1,131.2	36.6	1,960.2	3,091.4
OTHER FEMALES (e)							
Born in Australia	555.6	20.9	3.6	576.5	47.0	650.2	1,226.7
Born outside Australia -							
Arrived before 1947	10.2	*	*	10.2	16.3	52.3	62.5
Arrived in 1947 or later -							
Assisted (c)	65.5	*	*	68.7	62.5	41.2	109.9
Unassisted (c)	41.5	*	*	43.6	50.8	42.2	85.8
Total (d)	108.6	5.5	4.8	114.1	57.3	84.9	198.9
Total born outside Australia	118.7	5.5	4.4	124.2	47.5	137.1	261.4
Total other females (e)	674.3	26.4	3.8	700.7	47.1	787.4	1,488.1
ALL FEMALES							
Born in Australia	1,320.9	38.3	2.8	1,359.2	38.5	2,168.8	3,528.0
Born outside Australia -							
Arrived before 1947	28.2	*	*	28.6	20.0	114.1	142.7
Arrived in 1947 or later -							
Assisted (c)	263.8	8.9	3.3	272.7	50.1	271.4	544.0
Unassisted (c)	156.5	5.7	3.5	162.2	47.6	178.8	340.9
Total (d)	428.9	15.3	3.4	444.1	48.9	464.7	908.8
Total born outside Australia	457.1	15.6	3.3	472.7	45.0	578.8	1,051.5
Total females	1,778.0	53.9	2.9	1,831.9	40.0	2,747.6	4,579.5
PERSONS							
Born in Australia	4,010.8	81.3	2.0	4,092.2	59.7	2,764.6	6,856.8
Born outside Australia -							
Arrived before 1947	117.4	*	*	119.1	39.3	184.3	303.4
Arrived in 1947 or later -							
Assisted (c)	808.9	21.9	2.6	830.8	72.0	322.8	1,153.5
Unassisted (c)	506.3	15.1	2.9	521.4	70.7	216.2	737.7
Total (d)	1,350.7	38.3	2.8	1,389.0	71.4	555.4	1,944.4
Total born outside Australia	1,468.1	40.0	2.7	1,508.1	67.1	739.7	2,247.8
Total persons	5,478.9	121.3	2.2	5,600.3	61.5	3,504.3	9,104.6

(a) Civilians aged 15 years and over. See page 1, paragraphs 5 and 6. (b) For definitions see page 2, paragraph 7(iv). (c) For definitions, see page 1, paragraph 7. (d) Includes persons for whom the answer to the question about assistance was "do not know". There were 29,300 males and 23,800 females (20,600 of them married) in this category. (e) Never married, widowed and divorced.

* Less than or based on a figure less than 4,000. See page 7, paragraph 3.

TABLE 2. - ASSISTED AND UNASSISTED MIGRANTS (a) (b), BY BIRTHPLACE, AUGUST 1972

Birthplace and year of arrival	Assisted			Proportion of total migrants (b) (Per cent)	Unassisted (<i>'000</i>)	Not known whether assisted (<i>'000</i>)	Total migrants (b) (<i>'000</i>)
	By the Australian Government (<i>'000</i>)	By other organisations or persons (<i>'000</i>)	Total (<i>'000</i>)				
MALES							
Germany (Federal Republic)	24.5	*	26.3	71.1	8.7	*	37.0
Greece	17.7	5.6	23.3	33.1	45.7	*	70.4
Italy	24.7	5.2	29.9	21.7	103.6	4.5	138.1
Malta	19.7	*	20.1	77.6	4.0	*	25.9
Netherlands	33.0	*	33.9	63.4	16.9	*	53.5
New Zealand	*	*	*	*	22.2	*	24.0
U.K. and Ireland	280.5	19.0	299.5	82.5	57.6	6.1	363.1
Yugoslavia	28.9	8.9	37.8	59.6	21.3	4.3	63.4
Other	97.4	39.5	136.9	52.6	116.7	6.6	260.2
<i>Total</i>	<i>526.7</i>	<i>82.8</i>	<i>609.5</i>	<i>58.9</i>	<i>396.7</i>	<i>29.3</i>	<i>1,035.5</i>
Arrived in Australia -							
1947 to 1954	142.5	35.6	178.1	58.6	113.0	12.6	303.8
1955 to 1961	132.3	17.7	150.1	59.0	96.9	7.5	254.4
1962 to 1966	89.3	13.5	102.7	55.8	78.8	*	184.0
1967 to 1970	120.9	8.2	129.1	63.4	70.5	4.2	203.7
Jan. 1971 to Aug. 1972	41.8	7.7	49.5	55.2	37.6	*	89.6
FEMALES							
Germany (Federal Republic)	21.9	4.6	26.4	75.6	6.7	*	35.0
Greece	20.1	5.7	25.8	38.3	39.7	*	67.4
Italy	19.7	7.4	27.1	23.2	87.1	*	116.9
Malta	19.7	*	20.0	81.1	*	*	24.7
Netherlands	28.4	*	30.5	71.8	10.0	*	42.5
New Zealand	*	*	*	*	18.3	*	20.4
U.K. and Ireland	267.7	15.9	283.6	83.7	48.4	6.8	338.8
Yugoslavia	23.4	4.7	28.1	58.3	18.1	*	48.2
Other	70.2	30.6	100.8	46.9	109.2	5.0	214.9
<i>Total</i>	<i>471.2</i>	<i>72.8</i>	<i>544.0</i>	<i>59.9</i>	<i>340.9</i>	<i>23.8</i>	<i>908.8</i>
Arrived in Australia -							
1947 to 1954	114.2	25.0	139.2	59.9	81.0	12.3	232.5
1955 to 1961	119.0	18.2	137.2	58.6	91.3	5.5	234.0
1962 to 1966	89.5	13.9	103.4	58.9	70.3	*	175.5
1967 to 1970	108.2	8.8	117.0	65.2	60.0	*	179.5
Jan. 1971 to Aug. 1972	40.3	6.9	47.2	54.1	38.2	*	87.3
PERSONS							
Germany (Federal Republic)	46.4	6.4	52.8	73.3	15.4	*	72.0
Greece	37.8	11.3	49.1	35.6	85.5	*	137.8
Italy	44.4	12.7	57.0	22.4	190.7	7.2	255.0
Malta	39.4	*	40.1	79.3	7.3	*	50.6
Netherlands	61.5	*	64.4	67.1	27.0	4.6	96.0
New Zealand	*	*	*	*	40.5	*	44.5
U.K. and Ireland	548.1	34.9	583.0	83.1	106.0	12.9	701.9
Yugoslavia	52.3	13.6	65.9	59.1	39.4	6.3	111.5
Other	167.5	70.1	237.6	50.0	225.9	11.6	475.1
<i>Total</i>	<i>998.0</i>	<i>155.6</i>	<i>1,153.5</i>	<i>59.3</i>	<i>737.7</i>	<i>53.2</i>	<i>1,944.4</i>
Arrived in Australia -							
1947 to 1954	256.7	60.6	317.3	59.2	194.0	24.9	536.2
1955 to 1961	251.3	36.0	287.3	58.8	188.2	12.9	488.4
1962 to 1966	178.8	27.3	206.2	57.3	149.1	4.3	359.5
1967 to 1970	229.1	17.0	246.1	64.2	130.5	6.6	383.3
Jan. 1971 to Aug. 1972	82.1	14.6	96.7	54.7	75.8	4.4	176.9

(a) Non-institutional civilians aged 15 years and over. See page 1, paragraphs 5 and 6. (b) Excludes migrants who arrived in Australia before 1947. For definitions see page 1, paragraph 7.

* Less than or based on a figure less than 4,000. See page 7, paragraph 3.

TABLE 3. — ASSISTED AND UNASSISTED MIGRANTS (a), BY OCCUPATION, AUGUST 1972

Occupation group	Assisted (a)		Unassisted (a)		Total (b)	
	Number ('000)	Proportion (Per cent)	Number ('000)	Proportion (Per cent)	Number ('000)	Proportion (Per cent)
MALES						
Professional, technical and related workers	47.7	8.7	36.4	10.4	86.0	9.3
Administrative, executive and managerial workers	28.3	5.2	26.0	7.4	54.9	6.0
Clerical workers	33.9	6.2	14.6	4.2	49.4	5.4
Sales workers	29.3	5.4	21.1	6.0	51.7	5.6
Farmers, fishermen, timbergetters, etc.	16.6	3.0	13.4	3.8	31.2	3.4
Transport and communication workers	29.4	5.4	21.2	6.1	52.3	5.7
Tradesmen, production-process workers and labourers, n.e.c. (c)	329.8	60.5	194.3	55.5	542.3	58.8
Service, sport and recreation workers	30.2	5.5	22.7	6.5	54.0	5.9
<i>Total</i>	<i>545.2</i>	<i>100.0</i>	<i>349.7</i>	<i>100.0</i>	<i>921.8</i>	<i>100.0</i>
FEMALES						
Professional, technical and related workers	26.8	10.2	20.9	13.4	49.2	11.5
Administrative, executive and managerial workers	4.0	1.5	*	*	7.2	1.7
Clerical workers	67.0	25.4	33.3	21.3	102.4	23.9
Sales workers	31.1	11.8	16.4	10.5	48.3	11.3
Farmers, fishermen, timbergetters, etc.	*	*	5.1	3.3	9.0	2.1
Transport and communication workers	7.2	2.7	*	*	9.9	2.3
Tradesmen, production-process workers and labourers, n.e.c. (c)	72.2	27.4	52.1	33.3	126.5	29.5
Service, sport and recreation workers	51.8	19.6	23.2	14.8	76.4	17.8
<i>Total</i>	<i>263.8</i>	<i>100.0</i>	<i>156.5</i>	<i>100.0</i>	<i>428.9</i>	<i>100.0</i>
PERSONS						
Professional, technical and related workers	74.5	9.2	57.3	11.3	135.2	10.0
Administrative, executive and managerial workers	32.3	4.0	29.2	5.8	62.1	4.6
Clerical workers	100.9	12.5	48.0	9.5	151.8	11.2
Sales workers	60.5	7.5	37.5	7.4	100.0	7.4
Farmers, fishermen, timbergetters, etc.	20.3	2.5	18.5	3.7	40.2	3.0
Transport and communication workers	36.5	4.5	23.5	4.7	62.2	4.6
Tradesmen, production-process workers and labourers, n.e.c. (c)	402.0	49.7	246.4	48.7	668.8	49.5
Service, sport and recreation workers	82.0	10.1	45.9	9.1	130.4	9.7
<i>Total</i>	<i>808.9</i>	<i>100.0</i>	<i>506.3</i>	<i>100.0</i>	<i>1,350.7</i>	<i>100.0</i>

(a) Non-institutional employed civilians aged 15 years and over. See page 1, paragraphs 5 and 6. Excludes migrants who arrived in Australia before 1947. For definitions see page 1, paragraph 7. (b) Includes employed persons for whom the answer to the question about assistance was "do not know". There were 26,900 employed males and 8,600 employed females in this category. (c) Includes miners and quarrymen.

* Less than or based on a figure less than 4,000. See page 7, paragraph 3.

TABLE 4. — NON-INSTITUTIONAL POPULATION (a) : COVERAGE OF HOSPITAL AND MEDICAL EXPENDITURE ASSISTANCE SCHEMES (b), BY BIRTHPLACE, AUGUST 1972

	Covered (<i>'000</i>)	Not covered (<i>'000</i>)	Total (<i>'000</i>)	Per cent covered
MALES				
Born in Australia	2,841.8	487.0	3,328.8	85.4
Born outside Australia —				
Arrived before 1947	146.1	14.7	160.8	90.9
Arrived in 1947 or later —				
Assisted (c)	501.3	108.2	609.5	82.2
Unassisted (c)	303.0	93.7	396.7	76.4
Total (d)	828.5	207.0	1,035.5	80.0
Total born outside Australia	974.6	221.7	1,196.3	81.5
Total males	3,816.4	708.7	4,525.1	84.3
FEMALES				
Born in Australia	3,165.8	362.2	3,528.0	89.7
Born outside Australia —				
Arrived before 1947	133.5	9.2	142.7	93.6
Arrived in 1947 or later —				
Assisted (c)	467.9	76.2	544.1	86.0
Unassisted (c)	276.3	64.7	340.9	81.0
Total (d)	763.2	145.6	908.8	84.0
Total born outside Australia	896.7	154.8	1,051.5	85.3
Total females	4,062.5	517.0	4,579.5	88.7
PERSONS				
Born in Australia	6,007.6	849.2	6,856.8	87.6
Born outside Australia —				
Arrived before 1947	279.5	23.9	303.4	92.1
Arrived in 1947 or later —				
Assisted (c)	969.1	184.4	1,153.5	84.0
Unassisted (c)	579.2	158.4	737.7	78.5
Total (d)	1,591.7	352.6	1,944.4	81.9
Total born outside Australia	1,871.3	376.5	2,247.8	83.3
Total persons	7,878.9	1,225.7	9,104.6	86.5

(a) Civilians aged 15 years and over. See page 1, paragraphs 5 and 6. (b) For definition see page 2, paragraph 7(v). For further detail on the coverage of hospital and medical expenditure assistance schemes see page 1, paragraph 4. (c) For definitions see page 1, paragraph 7. (d) See note (d) to Table 1.

TECHNICAL NOTE

Estimation procedure

Estimates derived from the quarterly population survey are obtained by using a ratio estimation procedure. This procedure ensures that survey estimates conform to the independently estimated distribution of the population by age and sex, rather than the age and sex distribution within the sample itself.

Reliability of the estimates

2. Since the estimates in this bulletin are based on a sample, they may differ from the figures that would have been obtained from a complete census using the same questionnaires and procedures. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample, and not the whole population, was enumerated. There are about two chances in three that a sample estimate will differ by less than one standard error from the figures that would have been obtained from a comparable complete enumeration, and about nineteen chances in twenty that the difference will be less than two standard errors. A table of standard errors which is intended to be of general application is given below.

STANDARD ERRORS OF ESTIMATES

Size of estimate (Persons)	Approximate standard error of estimates		Size of estimate (Persons)	Approximate standard error of estimates	
	Persons	Per cent of estimate		Persons	Per cent of estimate
4,000	750	19	100,000	3,000	3
5,000	850	17	200,000	4,000	2
10,000	1,100	11	500,000	5,000	1
20,000	1,400	7	1,000,000	5,500	0.6
50,000	2,000	4	2,000,000	8,000	0.4

3. In the tables in this bulletin only estimates of 4,000 or over have been shown, as smaller estimates would be subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. Although, in some cases, figures for these small components can be derived by subtraction, they should not be regarded as reliable.

4. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. Percentages calculated from figures in this bulletin have generally somewhat lower standard errors (proportionally) than have the estimates which form the numerators of the percentages, particularly where the percentages are large.

5. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

J.P. O'NEILL
Commonwealth Statistician

Commonwealth Bureau of Census and Statistics
Canberra, A.C.T. 2600

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning Mr I. Neville on 63 9111 extension 2347 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

