



# OVERSEAS ARRIVALS AND DEPARTURES

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) THURS 4 NOV 1999

## SEPTEMBER 1999 PRELIMINARY

	Sep 1999 '000s	% change between Aug 1999 and Sep 1999	Jan 1999 to Sep 1999 '000s	% change on previous corresponding period
<b>Short-term</b>				
Visitor arrivals				
Trend	393.9	1.8	..	..
Original	355.3	..	3,187.3	6.7

## AUGUST 1999 KEY FIGURES

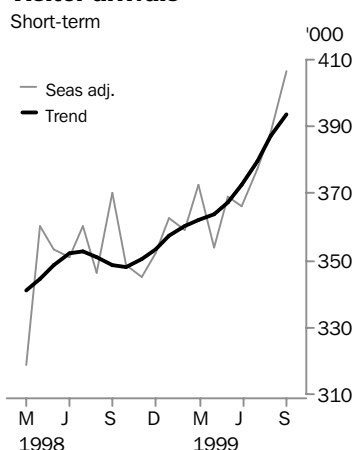
	Aug 1999 '000	% change between Jul 1999 and Aug 1999	Jul 1999 to Aug 1999 '000	% change on previous corresponding period
<b>Short-term</b>				
Visitor arrivals				
Trend	387.0	2.0	..	..
Original	355.6	..	2 831.9	6.3
Resident departures				
Trend	279.0	2.0	..	..
Original	281.1	..	2 063.7	2.9
<b>Permanent(a)</b>				
Arrivals	7.7	..	57.4	7.1
Departures	3.6	..	26.0	13.0
<b>Total permanent &amp; long-term(a)</b>				
Arrivals	21.2	..	194.2	4.3
Departures	16.2	..	122.9	-1.6

(a) Original

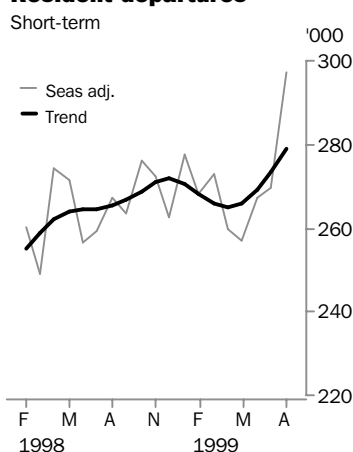
## KEY POINTS

- There were 3.2 million short-term visitor arrivals during the first nine months of 1999, 7% higher than the same period last year. The trend estimate increased for the 11th consecutive month during September 1999.
- Short-term resident departures reached 2.1 million for the eight months to August 1999, a 3% increase on the corresponding period for 1998.
- During the eight months to August the net gain of permanent and long-term arrivals over permanent and long-term departures amounted to 71,290 persons, 16% higher than for the same period ending August 1998 (61,260).
- During 1998-99 the short-term departure rate for residents aged 50-64 years was 223 per 1,000 population, compared to 93 per 1,000 for those aged 65 years or more. (For more information see special article on page 4).

### Visitor arrivals



### Resident departures



For further information about these and related statistics, contact Client Services in any ABS office as shown on the back of this publication, or Amanda Dobson on Canberra 02 6252 5640.

# NOTES

## FORTHCOMING ISSUES

ISSUE	EXPECTED RELEASE DATE
October	2 December 1999



## DATA NOTES

For data quality issues see Appendix 2 on page 21.



## CHANGES IN THIS ISSUE

There are no changes in this issue.



## TREND REVISIONS

Each time new seasonally adjusted estimates become available, trend estimates of short-term arrivals and departures are revised (see paragraph 19 of the Explanatory Notes).

The examples in the graphs below show two illustrative scenarios and the consequent revisions to previous trend estimates of visitor arrivals and resident departures.

### 1 The seasonally adjusted estimate for:

October visitor arrivals is 2.91% higher than September

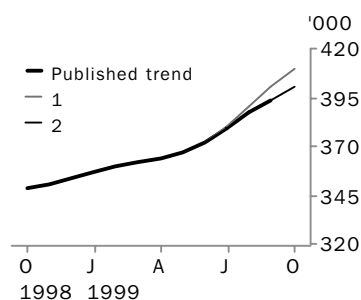
September resident departures is 3.37% higher than August

### 2 The seasonally adjusted estimate for:

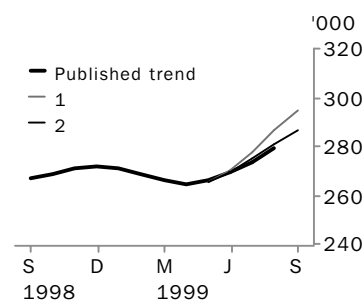
October visitor arrivals is 2.91% lower than September

September resident departure is 3.37% lower than August

**VISITOR ARRIVALS**



**RESIDENT DEPARTURES**



The percentage changes of 2.91% and 3.37% were chosen because they represent the average absolute monthly percentage changes between months for visitor arrivals and resident departures respectively over the last four years.

W. McLennan  
Australian Statistician

## ANALYSES AND COMMENTS

### SHORT-TERM MOVEMENTS

#### VISITOR ARRIVALS

There were an estimated 355,300 short-term visitor arrivals to Australia during September 1999 bringing the total number of visitor arrivals for the nine months to September to 3,187,300, 7% higher than the number of overseas visitors arriving for the same period to September 1998 (2,986,910).

The major source countries of visitor arrivals to Australia for the nine months to September 1999 were New Zealand and Japan, (each 17% of all arrivals), the United Kingdom (11%), the United States of America (9%) and Singapore (6%). Compared to the corresponding period ending September 1998, there was an increase in the number of visitor arrivals from the United Kingdom (up by 14%), the United States of America (up by 12%) and New Zealand (up by 3%). Japan was the only source country in the top ten to record a decline in visitor arrivals, falling by 7%, while Taiwan remained unchanged. All other Asian countries in the top ten source countries recorded an increase in arrivals, Korea (up by 70%), Malaysia (up by 26%), Indonesia (up by 9%) and Singapore (up by 4%).

#### RESIDENT DEPARTURES

There were 281,100 short-term departures of Australian residents in August 1999, bringing the total for the eight months to August 1999 to 2,063,700, an increase of 3% on the eight months to August 1998 (2,005,000). The main destinations of Australian residents during the eight months to August 1999 were New Zealand (15%), Indonesia, the United States of America, the United Kingdom (each 10%) and Singapore (5%).

During the eight months to August 1999;

299,600 Australian residents mainly visited New Zealand, an increase of 4%;

215,800 mainly visited the United States of America, an increase of 6%;

209,300 mainly visited Indonesia, a decrease of 1%;

207,100 mainly visited the United Kingdom, a decrease of 7%;

94,900 mainly visited Singapore, an increase of 19%; and

90,600 mainly visited Hong Kong, a decrease of 2%.

#### MAIN REASON FOR JOURNEY

Over half (56%) of all short-term visitors to Australia during the eight months to August 1999 stated on arrival that they had mainly come here for a holiday (1,574,200). A further 18% stated that they were visiting friends and relatives (516,200), 10% were on business trips (295,300), while 4% (122,100) arrived for educational purposes and 2% (68,500) arrived for a convention or conference.

#### MAIN STATE OF STAY

Overseas visitors departing Australia during the eight months to August 1999 stated that they had spent most of their time in New South Wales (42%), Queensland (29%), Victoria (14%) or Western Australia (10%). Compared to the eight months to August 1998, all of these States recorded higher visitor numbers, although the distribution of visitors between the States remained the same. (See Appendix 2 for Northern Territory data quality issues).

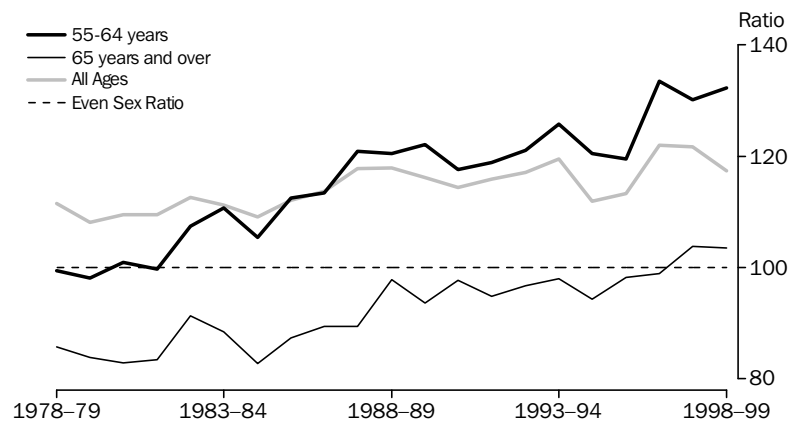
RETIREMENT AND NEAR RETIREMENT: SHORT-TERM RESIDENT DEPARTURES

During 1998–99, there were 3.2 million residents who departed short-term from Australia, of which 360,900 (11%) were aged 55–64 years, and 211,800 (7%) were aged 65 years and over. This article looks at departures by residents in the ages nearing retirement (55–64 years) and those in the retirement ages (65 years and over). These two groups differ substantially from one another in terms of their rates of departure, the ratio of males to females, their main reason for journey, and their intended median duration of stay.

In 1998–99, the departure rate of 55–64 year olds was 223 per 1,000 population, higher than in 1978–79 (108 per 1,000 population). The departure rate of residents aged 65 years and over also increased in the last two decades, from 60 per 1,000 population in 1978–79 to 93 per 1,000 population in 1998–99.

The ratio of males to females in these age groups has changed substantially in the last two decades. In 1978–79, the ratio of male to female departures of residents aged 55–64 years was almost even, but by 1998–99 males outnumbered females by 32%. Among residents aged 65 years and over departing in 1978–79, females outnumbered males by 14%, but in 1998–99 male departures were slightly higher. In the last two decades, for all main reasons for journey, the increase in departures of residents aged 55–64 years was greater for males than females. Amongst residents aged 65 years and over, while overall departures of males increased more than females, for business, convention/conference and employment trips female departures increased more than male departures.

SHORT-TERM RESIDENT DEPARTURES, SEX RATIO BY AGE, 1978–79—1998–99



MAIN REASON FOR JOURNEY

The most common main reason for journey of short-term resident departures varied between people aged 55–64 years and people aged 65 years and over. During 1998–99, taking a holidays was the main reason for journey of 45% of departing residents aged 55–64 years, compared to 50% of residents aged 65 years and over. These proportions however have decreased from 61% and 62% respectively in 1978–79.

The proportion of residents departing to visit friends or relatives was higher among people aged 65 years and over, and has also increased over time. In 1978–79, 20% of 55–64 year olds and 27% of people aged 65 years or more departed Australia to visit friends or relatives, compared to respectively 27% and 37% of these age groups in 1998–99.

## ANALYSES AND COMMENTS

### RETIREMENT AND NEAR RETIREMENT: SHORT-TERM RESIDENT DEPARTURES

**COUNTRY OF DESTINATION** The top four main destinations of residents aged 55–64 years departing Australia during 1998–99 were New Zealand (15%), the United Kingdom (13%), the United States (9%) and Indonesia (6%). For residents aged 65 years or more the United Kingdom (15%), New Zealand (14%), the United States (9%) and Singapore (5%) were the most popular destinations. These main destination countries have not changed substantially in the last twenty years for either group.

**Holiday** Apart from New Zealand, United Kingdom and the United States, the most popular holiday destinations for residents aged 55–64 years during 1998–99 were Indonesia (11%), Singapore (6%), Thailand (5%), Norfolk Island (5%) and Fiji (3%). For residents aged 65 years and over the most popular holiday destinations during 1998–99 were Norfolk Island (5%), Indonesia (4%), Singapore (4% each), Thailand (2%) and Malaysia (2%).

**Visiting Friends And Relatives** Apart from the United Kingdom, New Zealand and the United States the most popular main destinations in 1998–99 for residents aged 55–64 years, who were visiting friends or relatives, were Hong Kong (4%), and Greece, Italy, Germany and Singapore (3% each). Similarly, for residents aged 65 years and over, who were visiting friends or relatives during 1998–99, Italy (5%), Hong Kong (4%), and Canada, Viet Nam and Singapore (2% each) were popular main destinations.

**MEDIAN DURATION OF STAY** Overall, residents aged 65 years and over had a longer intended median duration of stay than residents aged 55–64 years. In 1998–99, these were 24 days for residents aged 65 years and over, and 20 days for residents aged 55–64 years. For residents aged 55–64 years, trips for employment purposes (35 days) had the longest intended median duration of stay, while for residents aged 65 years and over, journeys to visit friends or relatives (41 days) had the longest intended median duration of stay.

SHORT-TERM RESIDENT DEPARTURES, MEDIAN DURATION OF STAY BY AGE, 1998–99

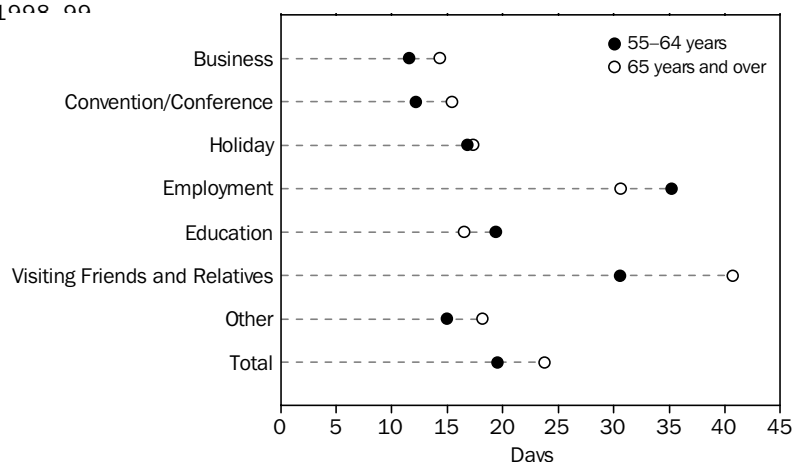


TABLE 1. TOTAL MOVEMENT — ARRIVALS: CATEGORY OF MOVEMENT

Period	Permanent arrivals Settlers	Long-term arrivals		Total permanent and long-term arrivals	Short-term arrivals(a) ( '000)			Total arrivals (a) ( '000)	
		Australian residents	Overseas visitors		Australian residents	Overseas visitors (Seasonally adjusted b)	Overseas visitors (Trend estimate c)		
<i>Year ended 31 December —</i>									
1996	92,500	80,000	88,830	261,340	2,695.5	4,164.8	..	..	7,121.7
1997	78,230	81,800	100,190	260,220	2,897.2	4,317.9	..	..	7,475.3
1998	81,070	75,320	112,000	268,380	3,143.9	4,167.2	..	..	7,579.5
<i>Year ended 30 June —</i>									
1997	85,750	80,170	95,080	261,000	2,786.0	4,252.7	..	..	7,299.7
1998	77,330	84,360	103,760	265,440	3,020.1	4,220.0	..	..	7,505.5
1999	84,140	67,910	119,890	271,950	3,191.6	4,288.0	..	..	7,751.6
<i>1998 —</i>									
July	7,430	5,870	15,950	29,250	295.1	372.3	360.4	352.5	696.7
August	6,940	4,650	7,790	19,380	271.0	323.7	346.4	351.0	614.1
September	6,680	5,100	7,220	19,000	285.9	323.9	370.0	348.6	628.7
October	6,920	5,280	8,300	20,490	355.8	354.8	348.5	348.1	731.0
November	6,550	5,960	6,370	18,870	251.4	367.9	345.1	350.1	638.2
December	7,380	10,670	5,890	23,930	199.3	457.6	352.4	353.4	680.9
<i>1999 —</i>									
January	7,930	5,750	18,230	31,910	371.5	351.0	362.6	357.2	754.3
February	6,930	5,360	20,790	33,080	221.7	398.6	359.3	360.2	653.4
March	7,100	5,250	8,090	20,440	226.3	389.0	372.4	362.0	635.7
April	6,650	4,360	8,030	19,040	248.7	334.1	353.7	363.8	601.9
May	6,920	4,360	6,420	17,710	234.2	298.1	368.9	367.1	550.0
June	6,730	5,300	6,820	18,850	230.8	317.1	366.0	372.4	566.7
July	7,420	6,480	18,100	31,990	314.3	388.5	377.4	379.4	734.8
August	7,680	5,690	7,790	21,160	268.5	355.6	388.6	387.0	645.3
September p	n.y.a	n.y.a	n.y.a	n.y.a	n.y.a	355.3	406.4	393.9	n.y.a

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) See paragraphs 14 and 15 of the Explanatory Notes. (c) See paragraphs 16 and 17 of the Explanatory Notes.

TABLE 2. TOTAL MOVEMENT — DEPARTURES: CATEGORY OF MOVEMENT

Period	Permanent departures	Long-term departures		Total permanent and long-term departures	Short-term departures(a) ( '000)			Total departures (a) ( '000)	
		Australian residents	Overseas visitors		Australian residents (Original)	Australian residents (Seasonally adjusted b)	Overseas visitors (Trend estimate c)		
<i>Year ended 31 December —</i>									
1996	28,480	70,960	58,820	158,260	2,732.0	..	..	4,110.8	7,001.1
1997	30,340	77,180	69,040	176,560	2,932.8	..	..	4,281.2	7,390.5
1998	33,430	81,060	65,110	179,600	3,161.1	..	..	4,150.2	7,490.9
<i>Year ended 30 June —</i>									
1997	29,860	73,780	62,970	166,610	2,837.2	..	..	4,217.0	7,220.8
1998	31,990	79,420	74,870	186,280	3,031.9	..	..	4,198.3	7,416.5
1999	35,180	82,860	57,420	175,460	3,188.7	..	..	4,279.1	7,643.3
<i>1998 —</i>									
June	3,370	5,650	7,500	16,510	282.3	256.5	264.4	299.2	598.0
July	2,520	6,410	5,550	14,470	271.1	259.1	264.7	323.7	609.2
August	3,060	7,870	4,140	15,070	265.6	267.4	265.4	371.3	651.9
September	2,250	5,310	3,990	11,550	313.5	263.3	266.8	296.3	621.4
October	2,480	5,620	3,570	11,660	268.0	276.2	268.9	337.3	616.9
November	2,470	5,460	5,160	13,090	256.5	272.4	271.1	365.3	634.8
December	3,210	6,660	8,610	18,480	318.1	262.4	271.8	374.7	711.3
<i>1999 —</i>									
January	4,640	12,010	4,630	21,270	232.7	277.7	270.8	448.6	702.6
February	2,870	7,070	3,960	13,890	198.5	268.4	268.3	362.8	575.1
March	3,160	7,390	4,640	15,180	268.9	272.7	265.7	381.6	665.6
April	3,140	7,060	3,590	13,790	244.3	260.0	264.8	381.7	639.8
May	2,730	6,480	4,090	13,290	262.4	256.7	265.9	319.2	594.9
June	2,680	5,540	5,500	13,720	289.3	267.1	269.0	316.7	619.7
July	3,170	6,810	5,620	15,600	286.6	269.7	273.4	336.0	638.2
August	3,650	7,710	4,790	16,150	281.1	297.3	279.0	402.0	699.3

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) See paragraphs 14 and 15 of the Explanatory Notes. (c) See paragraphs 16 and 17 of the Explanatory Notes.

**TABLE 3. SHORT-TERM MOVEMENT(a) — ARRIVALS OF OVERSEAS VISITORS AND DEPARTURES OF AUSTRALIAN RESIDENTS BY INTENDED LENGTH OF STAY AND MAIN REASON FOR JOURNEY(b) ('000)**

	<i>Year ended</i>		<i>Quarter ended</i>		<i>Eight months to</i>		<i>Month of</i>	
	<i>31 December</i>		<i>30 June</i>		<i>August</i>		<i>August</i>	
	1997	1998	1998	1999	1998	1999	1998	1999
<b>ARRIVALS</b>								
<b>Intended length of stay</b>								
Under 1 week	1,363.2	1,171.2	310.7	299.4	787.6	792.0	92.8	106.5
1 and under 2 weeks	1,303.2	1,289.3	286.4	317.7	812.7	912.2	110.1	116.8
2 weeks and under 1 month	793.7	840.1	166.8	171.5	514.3	561.2	69.6	76.8
1 and under 2 months	379.5	388.6	72.9	65.6	237.3	235.3	23.9	25.8
2 and under 3 months	124.0	125.9	26.5	26.0	76.2	80.5	6.2	7.0
3 and under 6 months	167.4	167.2	34.1	35.1	104.2	111.4	10.3	11.5
6 and under 12 months	186.9	185.0	31.2	34.1	130.8	139.5	10.9	11.2
<b>Total(c)</b>	<b>4,317.9</b>	<b>4,167.2</b>	<b>928.7</b>	<b>949.3</b>	<b>2,663.0</b>	<b>2,831.9</b>	<b>323.7</b>	<b>355.6</b>
<b>Main reason for journey(b)</b>								
Convention/conference	112.6	105.7	21.5	28.1	61.0	68.5	8.2	9.3
Business	436.1	443.8	109.4	110.7	298.0	295.3	37.1	38.0
Visiting friends/relatives	817.6	865.5	190.2	173.9	520.6	516.2	56.0	56.7
Holiday	2,534.5	2,285.8	523.6	523.0	1,471.3	1,574.2	181.3	212.2
Employment	28.6	36.9	6.7	10.4	22.1	30.7	4.0	3.6
Education	143.5	138.6	20.7	25.7	112.0	122.1	8.2	7.5
Other and not stated(d)	245.0	291.0	56.5	77.6	178.0	225.0	28.8	28.3
<b>Total</b>	<b>4,317.9</b>	<b>4,167.2</b>	<b>928.7</b>	<b>949.3</b>	<b>2,663.0</b>	<b>2,831.9</b>	<b>323.7</b>	<b>355.6</b>
<b>DEPARTURES</b>								
<b>Intended length of stay</b>								
Under 1 week	339.5	386.0	97.5	100.7	257.5	260.2	30.3	38.3
1 and under 2 weeks	752.0	893.5	209.3	217.4	548.6	594.1	78.9	78.5
2 weeks and under 1 month	759.1	820.6	204.5	205.5	505.0	539.5	60.5	63.6
1 and under 2 months	539.3	531.0	140.3	129.4	318.9	314.5	48.6	51.9
2 and under 3 months	210.3	199.6	58.8	50.2	130.1	115.3	19.4	19.2
3 and under 6 months	184.6	177.6	65.9	54.3	130.7	125.8	14.3	16.7
6 and under 12 months	147.9	152.7	41.3	38.3	114.1	114.3	13.5	13.0
<b>Total(c)</b>	<b>2,932.8</b>	<b>3,161.1</b>	<b>817.6</b>	<b>795.9</b>	<b>2,005.0</b>	<b>2,063.7</b>	<b>265.6</b>	<b>281.1</b>
<b>Main reason for journey(b)</b>								
Convention/conference	113.0	116.4	32.9	39.5	75.5	96.6	10.8	14.5
Business	523.6	503.0	135.9	143.7	346.5	357.7	39.5	45.1
Visiting friends/relatives	697.4	753.3	201.4	197.2	457.3	496.5	54.2	62.6
Holiday	1,372.6	1,494.2	390.1	350.2	940.7	936.1	126.7	137.4
Employment	76.9	81.3	18.2	19.3	55.9	55.1	7.4	6.8
Education	41.8	41.0	9.6	8.6	24.7	26.4	3.1	3.5
Other and not stated(d)	107.4	172.0	29.4	37.4	104.4	95.3	23.9	11.2
<b>Total</b>	<b>2,932.8</b>	<b>3,161.1</b>	<b>817.6</b>	<b>795.9</b>	<b>2,005.0</b>	<b>2,063.7</b>	<b>265.6</b>	<b>281.1</b>

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) Data for September quarter 1998 has been revised. See Appendix 2 for more detail. (c) Includes not stated. (d) Includes 'Exhibition' from July 1998.

**TABLE 4. PERMANENT (SETTLER) ARRIVALS: COUNTRY OF BIRTH(a)**

<i>Country of birth(a)</i>	<i>Year ended</i>		<i>Quarter ended</i>		<i>Eight months to</i>		<i>Month of</i>	
	<i>31 December</i>		<i>30 June</i>		<i>August</i>		<i>August</i>	
	1997	1998	1998	1999	1998	1999	1998	1999
<b>Major group —</b>								
Oceania and Antarctica	17,360	19,950	4,560	5,700	12,920	16,010	1,660	1,920
Europe and the Former USSR	19,250	20,340	4,790	4,050	13,120	12,280	1,790	1,770
Middle East and North Africa	5,820	5,750	1,490	1,390	4,000	3,220	500	400
Southeast Asia	10,080	9,820	2,530	2,940	6,480	7,800	750	950
Northeast Asia	11,840	10,480	2,580	2,560	7,090	7,470	980	1,050
Southern Asia	5,390	5,080	1,290	1,480	3,450	4,040	510	720
The Americas	2,980	2,530	590	510	1,690	1,510	240	200
Africa (excluding North Africa)	5,480	7,080	1,740	1,660	4,780	4,980	520	670
<b>Total(b)</b>	<b>78,230</b>	<b>81,070</b>	<b>19,580</b>	<b>20,300</b>	<b>53,540</b>	<b>57,360</b>	<b>6,940</b>	<b>7,680</b>
<b>Major source countries —</b>								
Bosnia-Herzegovina	1,640	2,310	720	140	1,720	540	160	70
China	5,310	5,090	1,120	1,540	3,120	4,390	580	660
Fiji	1,360	1,300	290	400	790	1,200	150	230
Former USSR and Baltic States	1,320	950	200	190	570	540	80	80
Yugoslavia, Federal Republic of(c)	1,600	2,510	430	550	1,370	1,580	330	190
Hong Kong (SAR of China)	3,470	2,570	780	390	1,940	1,160	190	130
India	2,770	2,440	630	750	1,690	1,950	220	290
New Zealand	13,950	16,500	3,820	4,810	10,760	13,360	1,340	1,520
Philippines	2,880	2,960	680	810	1,870	2,250	250	310
South Africa	3,710	4,770	1,180	1,240	3,250	3,650	330	490
Taiwan	1,940	1,610	370	290	1,190	1,040	120	140
United Kingdom	9,010	8,820	2,000	2,010	5,690	6,070	740	940
United States of America	1,370	1,120	280	240	760	670	90	80
Viet Nam	2,310	2,390	770	480	1,640	1,240	180	120

(a) See paragraphs 6 and 7 of the Explanatory Notes. (b) Includes not stated. (c) Includes vague responses which cannot be coded to any other category.

**TABLE 5. SHORT-TERM MOVEMENT(a) — ARRIVALS OF OVERSEAS VISITORS  
COUNTRY OF RESIDENCE(b)  
(’000)**

Country of residence(b)	Year ended		Quarter ended		Eight months to		Month of	
	31 December	1998	30 June	1999	August	1999	August	1999
	1997	1998	1998	1999	1998	1999	1998	1999
<b>OCEANIA &amp; ANTARCTICA —</b>								
Fiji	20.0	22.7	4.3	5.4	12.5	15.0	1.1	2.2
New Caledonia	21.8	23.7	4.7	5.3	16.7	17.3	1.3	1.9
New Zealand	685.7	709.4	184.9	179.6	458.2	463.0	66.6	72.8
Papua New Guinea	44.0	44.9	10.1	12.7	27.5	31.7	3.0	2.6
Other	31.2	36.4	6.8	8.8	20.2	23.0	2.7	2.0
<i>Total</i>	<i>802.6</i>	<i>837.0</i>	<i>210.8</i>	<i>211.8</i>	<i>535.3</i>	<i>550.1</i>	<i>74.7</i>	<i>81.5</i>
<b>EUROPE &amp; THE FORMER USSR —</b>								
Austria	19.6	16.9	2.1	2.3	10.3	10.1	1.5	1.4
Belgium	9.3	9.4	1.6	1.4	5.5	5.6	0.7	0.7
Denmark	17.0	18.2	2.9	2.7	10.9	11.1	0.7	0.9
Former USSR & Baltic States	9.0	9.5	1.6	1.6	5.7	5.3	0.5	0.7
France	40.0	43.0	6.6	8.0	26.0	30.6	4.2	4.5
Germany	128.9	127.4	21.9	23.5	78.8	82.6	8.8	9.1
Greece	9.1	8.4	1.4	1.7	4.3	4.7	0.6	0.7
Ireland	25.3	31.0	6.0	7.0	18.2	23.1	2.0	2.7
Italy	45.8	47.8	6.4	7.7	29.0	30.3	6.7	7.3
Netherlands	42.0	47.0	6.4	7.4	26.2	29.2	2.6	3.4
Norway	9.4	10.6	1.8	1.6	6.4	7.0	0.4	0.5
Spain	9.4	10.6	1.2	2.6	6.2	8.1	1.6	1.7
Sweden	24.0	26.8	3.4	3.7	13.9	15.4	1.1	1.1
Switzerland	38.6	40.3	5.8	5.9	22.4	24.0	2.2	2.2
United Kingdom	410.6	467.5	82.7	81.2	278.3	310.1	23.8	33.4
Other	36.1	37.1	5.0	6.1	20.0	22.5	2.3	2.4
<i>Total</i>	<i>874.2</i>	<i>951.5</i>	<i>156.9</i>	<i>164.4</i>	<i>561.9</i>	<i>619.6</i>	<i>59.7</i>	<i>72.4</i>
<b>MIDDLE EAST &amp; NORTH AFRICA —</b>								
Israel	10.6	11.0	2.0	2.4	6.7	8.0	0.8	1.0
Other	25.5	31.1	4.7	5.9	21.2	28.6	4.5	6.2
<i>Total</i>	<i>36.1</i>	<i>42.1</i>	<i>6.7</i>	<i>8.2</i>	<i>27.9</i>	<i>36.6</i>	<i>5.3</i>	<i>7.3</i>
<b>SOUTHEAST ASIA —</b>								
Brunei	6.8	7.7	1.9	1.5	4.8	4.2	0.4	0.4
Indonesia	160.4	93.0	22.3	22.4	60.7	67.8	6.5	6.0
Malaysia	143.7	112.1	28.8	35.4	68.7	88.5	7.4	10.0
Philippines	41.1	35.4	10.2	11.8	22.9	27.0	2.2	3.1
Singapore	239.3	247.1	76.1	70.4	154.1	157.0	14.1	16.9
Thailand	68.6	49.1	11.5	20.2	28.7	40.9	3.2	3.9
Other	9.4	11.8	2.6	2.7	7.7	7.9	1.0	0.7
<i>Total</i>	<i>669.2</i>	<i>556.2</i>	<i>153.3</i>	<i>164.5</i>	<i>347.6</i>	<i>393.2</i>	<i>34.8</i>	<i>41.1</i>
<b>NORTHEAST ASIA —</b>								
China	65.8	76.5	17.5	19.4	51.4	58.0	6.3	7.2
Hong Kong (SAR of China)	151.7	143.4	34.7	27.4	98.4	94.6	10.6	10.8
Japan	813.9	751.1	168.5	154.9	515.2	482.1	74.6	69.8
Korea	233.8	66.6	11.6	20.4	36.4	64.7	5.4	8.3
Taiwan	153.2	150.0	41.0	39.4	112.2	109.7	13.3	12.3
Other	2.4	3.0	0.5	0.7	1.9	2.3	0.3	0.3
<i>Total</i>	<i>1,420.9</i>	<i>1,190.7</i>	<i>273.8</i>	<i>262.2</i>	<i>815.6</i>	<i>811.3</i>	<i>110.5</i>	<i>108.8</i>
<b>SOUTHERN ASIA —</b>								
India	26.1	29.4	8.7	9.7	18.7	21.9	1.6	2.1
Other	11.7	13.4	2.9	2.9	8.1	9.8	0.8	1.2
<i>Total</i>	<i>37.8</i>	<i>42.8</i>	<i>11.6</i>	<i>12.6</i>	<i>26.8</i>	<i>31.8</i>	<i>2.5</i>	<i>3.3</i>
<b>THE AMERICAS —</b>								
Canada	64.8	71.7	12.4	12.3	44.2	47.9	4.4	4.6
United States of America	329.6	373.9	85.4	92.5	246.3	274.2	25.1	30.1
Other	25.8	28.0	4.4	6.2	17.3	20.3	1.6	1.7
<i>Total</i>	<i>420.1</i>	<i>473.6</i>	<i>102.2</i>	<i>111.0</i>	<i>307.8</i>	<i>342.5</i>	<i>31.0</i>	<i>36.4</i>
<b>AFRICA (excluding North Africa) —</b>								
South Africa	45.2	56.9	10.4	11.9	30.7	36.5	3.7	3.9
Other	11.1	14.0	2.4	2.2	8.1	8.0	1.1	0.6
<i>Total</i>	<i>56.2</i>	<i>70.9</i>	<i>12.8</i>	<i>14.1</i>	<i>38.8</i>	<i>44.6</i>	<i>4.9</i>	<i>4.6</i>
Not stated	0.8	2.5	0.6	0.6	1.4	2.3	0.3	0.4
<b>Total</b>	<b>4,317.9</b>	<b>4,167.2</b>	<b>928.7</b>	<b>949.3</b>	<b>2,663.0</b>	<b>2,831.9</b>	<b>323.7</b>	<b>355.6</b>

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) See paragraphs 6 and 7 of the Explanatory Notes.



**TABLE 6. SHORT-TERM MOVEMENT(a) — ARRIVALS OF OVERSEAS VISITORS  
COUNTRY OF RESIDENCE(b)  
(‘000)**

Country of residence(b)	Quarter ended 30 September			Nine months to September			Month of September	
	1998	1999p	% change	1998	1999p	% change	1998	1999p
<b>OCEANIA &amp; ANTARCTICA —</b>								
New Zealand	212.3	216.5	2.0	525.4	539.1	2.6	67.1	76.1
<i>Total</i>	<i>243.2</i>	<i>249.5</i>	<i>2.6</i>	<i>613.8</i>	<i>638.1</i>	<i>4.0</i>	<i>78.5</i>	<i>88.0</i>
<b>EUROPE &amp; THE FORMER USSR —</b>								
Germany	26.2	29.5	12.5	87.7	93.4	6.5	8.9	10.8
Italy	15.5	16.7	7.2	32.9	34.7	5.5	3.9	4.4
Netherlands	11.4	13.3	17.2	30.5	34.3	12.4	4.3	5.1
Sweden	4.9	5.1	4.7	16.0	17.4	9.2	2.1	2.0
Switzerland	9.2	9.9	7.7	26.1	28.0	7.2	3.7	4.0
United Kingdom	78.3	104.7	33.7	304.2	346.1	13.8	25.9	36.0
<i>Total</i>	<i>195.4</i>	<i>235.2</i>	<i>20.4</i>	<i>628.6</i>	<i>701.0</i>	<i>11.5</i>	<i>66.8</i>	<i>81.4</i>
<b>MIDDLE EAST &amp; NORTH AFRICA —</b>								
<i>Total</i>	<i>16.4</i>	<i>21.0</i>	<i>28.0</i>	<i>31.5</i>	<i>40.2</i>	<i>27.6</i>	<i>3.7</i>	<i>3.6</i>
<b>SOUTHEAST ASIA —</b>								
Indonesia	22.2	20.7	-7.1	67.5	73.3	8.6	6.8	5.5
Malaysia	29.1	34.6	18.7	81.7	103.2	26.3	13.0	14.8
Philippines	7.4	9.0	22.0	25.5	30.2	18.2	2.6	3.1
Singapore	44.5	54.4	22.3	170.0	177.4	4.3	15.9	20.4
Thailand	13.0	12.9	-0.5	34.4	44.7	30.1	5.7	3.8
<i>Total</i>	<i>120.9</i>	<i>135.7</i>	<i>12.2</i>	<i>393.1</i>	<i>442.2</i>	<i>12.5</i>	<i>45.5</i>	<i>49.1</i>
<b>NORTHEAST ASIA —</b>								
China	19.5	22.5	15.3	56.7	64.7	14.1	5.3	6.6
Japan	200.9	186.8	-7.0	574.9	535.5	-6.8	59.6	53.4
Korea	17.7	25.9	46.6	42.8	72.8	70.1	6.4	8.1
Taiwan	37.6	40.4	7.2	120.1	120.1	—	7.8	10.5
<i>Total</i>	<i>311.0</i>	<i>312.6</i>	<i>0.5</i>	<i>904.1</i>	<i>900.2</i>	<i>-0.4</i>	<i>88.4</i>	<i>88.9</i>
<b>THE AMERICAS —</b>								
Canada	15.2	16.0	5.0	49.2	53.8	9.3	5.0	5.9
United States of America	82.6	94.5	14.4	269.2	300.8	11.8	22.8	26.6
<i>Total</i>	<i>104.6</i>	<i>117.0</i>	<i>11.8</i>	<i>338.2</i>	<i>377.1</i>	<i>11.5</i>	<i>30.4</i>	<i>34.6</i>
<b>AFRICA (excluding North Africa) —</b>								
South Africa	14.7	13.8	-6.0	36.2	41.8	15.5	5.5	5.3
<i>Total</i>	<i>17.8</i>	<i>16.3</i>	<i>-8.7</i>	<i>45.3</i>	<i>50.7</i>	<i>11.9</i>	<i>6.5</i>	<i>6.1</i>
<b>Total</b>	<b>1,019.8</b>	<b>1,099.4</b>	<b>7.8</b>	<b>2,986.9</b>	<b>3,187.3</b>	<b>6.7</b>	<b>323.9</b>	<b>355.3</b>

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) See paragraphs 4, 6, and 7 of the Explanatory Notes.

**TABLE 7. SHORT-TERM MOVEMENT(a) — DEPARTURES OF AUSTRALIAN RESIDENTS  
MAIN DESTINATION(b)  
(’000)**

Main destination(b)	Year ended		Quarter ended		Eight months to		Month of	
	31 December	1998	30 June	1999	August	1999	August	1999
	1997	1998	1998	1999	1998	1999	1998	1999
<b>OCEANIA &amp; ANTARCTICA —</b>								
Fiji	76.0	99.2	28.3	31.7	63.8	75.2	7.9	10.5
New Caledonia	14.4	12.4	3.0	3.1	7.0	6.8	0.8	0.7
New Zealand	406.9	470.1	102.5	100.2	289.2	299.6	36.8	39.2
Norfolk Island	22.9	27.7	6.3	6.1	16.5	16.5	2.2	2.2
Papua New Guinea	42.4	39.8	9.6	10.8	26.4	24.6	3.5	3.2
Vanuatu	24.3	32.3	6.5	6.8	18.6	18.9	3.5	3.3
Other	28.4	31.8	7.5	7.0	18.0	18.4	1.5	2.0
<i>Total</i>	<i>615.3</i>	<i>713.4</i>	<i>163.7</i>	<i>165.6</i>	<i>439.5</i>	<i>460.0</i>	<i>56.2</i>	<i>60.9</i>
<b>EUROPE &amp; THE FORMER USSR —</b>								
France	34.6	39.6	12.3	12.5	25.3	28.5	3.2	4.6
Germany	36.0	39.3	11.8	11.7	26.6	26.3	4.1	4.0
Greece	38.7	42.1	17.8	13.5	32.7	29.4	3.8	4.8
Ireland	21.1	20.9	6.0	6.5	13.6	14.8	2.5	2.3
Italy	62.5	63.0	21.9	23.0	43.5	44.9	7.1	5.9
Netherlands	14.6	18.8	7.1	5.7	13.4	12.0	1.7	2.1
Poland	6.4	7.2	3.0	2.9	5.3	5.5	0.8	0.7
Spain	9.5	12.9	4.8	4.9	8.8	10.2	0.9	1.9
Switzerland	9.7	11.6	3.2	3.1	7.6	8.0	1.4	0.9
United Kingdom	322.3	322.4	109.0	92.2	222.9	207.1	31.6	36.7
Other	83.7	93.7	35.8	26.5	70.5	62.1	10.4	10.7
<i>Total</i>	<i>639.1</i>	<i>671.6</i>	<i>232.7</i>	<i>202.6</i>	<i>470.2</i>	<i>448.6</i>	<i>67.7</i>	<i>74.8</i>
<b>MIDDLE EAST &amp; NORTH AFRICA —</b>								
Israel	10.2	9.6	2.8	2.3	6.0	5.5	0.6	0.8
Lebanon	18.8	18.1	5.4	6.6	13.3	15.1	1.8	1.7
Turkey	15.4	17.7	7.3	5.8	12.9	11.8	1.8	1.4
Other	23.9	27.9	5.9	7.3	16.1	21.0	2.0	2.1
<i>Total</i>	<i>68.3</i>	<i>73.3</i>	<i>21.4</i>	<i>21.9</i>	<i>48.3</i>	<i>53.5</i>	<i>6.2</i>	<i>6.0</i>
<b>SOUTHEAST ASIA —</b>								
Indonesia	310.7	349.6	74.2	69.4	212.0	209.3	34.5	30.6
Malaysia	98.4	111.9	26.2	27.8	70.9	74.7	9.0	10.2
Philippines	60.4	57.4	14.7	13.4	36.5	34.9	2.7	3.3
Singapore	105.1	122.6	29.5	33.7	79.5	94.9	10.7	12.4
Thailand	89.1	135.8	32.5	28.8	81.5	83.4	11.7	11.3
Viet Nam	43.3	48.2	10.5	12.4	28.2	35.5	2.9	2.4
Other	10.1	10.7	2.4	2.6	6.3	7.0	0.6	0.7
<i>Total</i>	<i>717.1</i>	<i>836.2</i>	<i>190.0</i>	<i>188.2</i>	<i>514.8</i>	<i>539.6</i>	<i>72.1</i>	<i>70.9</i>
<b>NORTHEAST ASIA —</b>								
China	72.3	82.0	20.8	19.0	49.2	49.4	5.7	5.5
Hong Kong (SAR of China)	156.2	147.4	33.8	34.3	92.8	90.6	10.8	11.7
Japan	56.4	56.1	12.9	16.7	33.1	39.0	3.2	3.1
Korea	16.9	17.6	5.0	4.6	11.3	11.3	1.3	1.3
Taiwan	35.0	33.1	7.5	6.5	20.5	19.3	2.9	2.4
Other	1.9	1.0	0.2	0.3	0.7	1.5	0.1	—
<i>Total</i>	<i>338.7</i>	<i>337.2</i>	<i>80.2</i>	<i>81.4</i>	<i>207.6</i>	<i>211.0</i>	<i>24.0</i>	<i>24.1</i>
<b>SOUTHERN ASIA —</b>								
India	37.0	39.1	6.3	6.1	19.2	20.5	1.6	1.6
Sri Lanka	12.9	11.5	2.6	2.6	6.2	6.9	1.0	0.8
Other	15.6	16.4	2.9	2.9	8.8	8.6	0.5	0.9
<i>Total</i>	<i>65.5</i>	<i>67.0</i>	<i>11.9</i>	<i>11.6</i>	<i>34.2</i>	<i>36.0</i>	<i>3.1</i>	<i>3.3</i>
<b>THE AMERICAS —</b>								
Canada	50.3	48.7	13.3	15.5	33.8	38.5	5.7	5.1
United States of America	351.9	322.7	84.9	88.0	203.1	215.8	22.3	28.2
Other	26.8	28.2	5.1	6.8	15.2	19.6	1.9	1.8
<i>Total</i>	<i>429.1</i>	<i>399.6</i>	<i>103.2</i>	<i>110.3</i>	<i>252.1</i>	<i>273.8</i>	<i>29.8</i>	<i>35.1</i>
<b>AFRICA (excluding North Africa) —</b>								
South Africa	29.9	29.3	6.5	6.2	18.4	19.5	2.7	3.4
Other	23.2	22.5	5.7	4.2	13.8	11.6	2.5	1.6
<i>Total</i>	<i>53.1</i>	<i>51.8</i>	<i>12.2</i>	<i>10.4</i>	<i>32.1</i>	<i>31.1</i>	<i>5.2</i>	<i>5.0</i>
Not stated	6.5	11.0	2.3	4.0	6.3	10.0	1.4	1.0
<b>Total</b>	<b>2,932.8</b>	<b>3,161.1</b>	<b>817.6</b>	<b>795.9</b>	<b>2,005.0</b>	<b>2,063.7</b>	<b>265.6</b>	<b>281.1</b>

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) See paragraphs 6 and 7 of the Explanatory Notes.

**TABLE 8. SHORT-TERM MOVEMENT(a) — DEPARTURES OF OVERSEAS VISITORS  
STATE/TERRITORY IN WHICH MOST TIME WAS SPENT  
(‘000)**

State/Territory in which most time was spent(b)	Year ended		Quarter ended		Eight months to		Month of	
	31 December		30 June		August		August	
	1997	1998	1998	1999	1998	1999	1998	1999
New South Wales	1,841.8	1,740.3	410.4	420.6	1,186.8	1,247.7	151.9	162.1
Victoria	584.6	597.4	129.8	143.7	390.2	424.9	44.2	49.3
Queensland	1,247.2	1,202.8	283.4	300.9	797.5	843.4	128.0	134.6
South Australia	91.5	94.5	21.5	24.6	62.4	70.4	6.6	8.7
Western Australia	400.1	403.9	98.8	101.0	264.5	283.9	29.5	36.5
Tasmania	26.8	24.9	5.0	5.9	16.2	19.7	0.8	1.5
Northern Territory	44.3	45.5	10.5	10.4	31.9	30.3	6.4	6.2
Australian Capital Territory	33.2	32.1	7.8	7.9	22.2	21.7	2.8	2.8
Other Territories(c)	11.8	2.6	1.0	0.5	2.3	2.0	0.1	0.2
<b>Total(d)</b>	<b>4,281.2</b>	<b>4,150.2</b>	<b>968.8</b>	<b>1,017.7</b>	<b>2,776.7</b>	<b>2,948.5</b>	<b>371.3</b>	<b>402.0</b>

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) Data for August to October 1998 inclusive has been revised. See Appendix 2 for more detail. (c) Not available prior to February 1995. Includes Territories of Christmas Island, Cocos (Keeling) Islands and Jervis Bay. (d) Includes not stated.

**TABLE 9. SHORT-TERM MOVEMENT(a) — ARRIVALS OF OVERSEAS VISITORS  
COUNTRY OF RESIDENCE(b) AND MAIN REASON FOR JOURNEY(c)**

Country of residence(b)	Eight months to August						Percentage change 1997 to 1999	Percentage change 1998 to 1999
	1997		1998		1999			
	(‘000)	%	(‘000)	%	(‘000)	%		
<b>Major group —</b>								
Oceania and Antarctica	515.2	18	535.3	20	550.1	19	7	3
Europe and the Former USSR	509.6	18	561.9	21	619.6	22	22	10
Middle East and North Africa	24.5	1	27.9	1	36.6	1	50	31
Southeast Asia	435.1	16	347.6	13	393.2	14	-10	13
Northeast Asia	975.6	35	815.6	31	811.3	29	-17	-1
Southern Asia	24.2	1	26.8	1	31.8	1	31	19
The Americas	274.2	10	307.8	12	342.5	12	25	11
Africa (excluding North Africa)	33.6	1	38.8	1	44.6	2	33	15
<b>Total(c)</b>	<b>2,792.7</b>	<b>100</b>	<b>2,663.0</b>	<b>100</b>	<b>2,831.9</b>	<b>100</b>	<b>1</b>	<b>6</b>
<b>Selected source countries(b) —</b>								
Germany	77.9	3	78.8	3	82.6	3	6	5
Hong Kong (SAR of China)	105.8	4	98.4	4	94.6	3	-11	-4
Indonesia	117.1	4	60.7	2	67.8	2	-42	12
Japan	550.0	20	515.2	19	482.1	17	-12	-6
Korea	166.8	6	36.4	1	64.7	2	-61	77
Malaysia	92.7	3	68.7	3	88.5	3	-5	29
New Zealand	442.7	16	458.2	17	463.0	16	5	1
Singapore	134.4	5	154.1	6	157.0	6	17	2
Taiwan	110.6	4	112.2	4	109.7	4	-1	-2
United Kingdom	236.5	8	278.3	10	310.1	11	31	11
United States of America	217.8	8	246.3	9	274.2	10	26	11
<b>Main reason for journey(d)</b>								
Convention/conference	73.7	3	61.0	2	68.5	2	-7	12
Business	288.0	10	298.0	11	295.3	10	3	-1
Visiting friends/relatives	479.2	17	520.6	20	516.2	18	8	-1
Holiday	1,653.9	59	1,471.3	55	1,574.2	56	-5	7
Employment	18.7	1	22.1	1	30.7	1	64	39
Education	119.8	4	112.0	4	122.1	4	2	9
Other and not stated(e)	159.4	6	178.0	7	225.0	8	41	26
<b>Total</b>	<b>2,792.7</b>	<b>100</b>	<b>2,663.0</b>	<b>100</b>	<b>2,831.9</b>	<b>100</b>	<b>1</b>	<b>6</b>

(a) Figures for short-term movement are based on a sample and are subject to sampling error. See paragraphs 9 and 10 of the Explanatory Notes for more detail. (b) See paragraphs 6 and 7 of the Explanatory Notes for more detail. (c) Includes not stated. (d) Data for September quarter 1998 has been revised. See Appendix 2 for more detail. (e) Includes 'Exhibition' from July 1998.

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication contains statistics of persons arriving in, and departing from, Australia, together with the major characteristics of travellers. More detailed statistics can be made available on request (see paragraph 21).

### SOURCE OF THE STATISTICS

**2** Persons arriving in, or departing from, Australia provide information in the form of incoming and outgoing passenger cards (see Appendix 1). Incoming persons also provide information in visa applications, apart from people travelling as Australian and New Zealand citizens. These and other information available to the Department of Immigration and Multicultural Affairs (DIMA) serve as a source for statistics of overseas arrivals and departures.

**3** As from July 1998, DIMA has revised incoming and outgoing passenger cards and associated procedures as well as computer systems. Following these changes, some questions on the passenger cards will no longer be compulsory and answers to these questions will no longer be checked by Customs officers. The question on marital status has been deleted. Data on marital status is derived from visa applications (only for certain visa classes) and is therefore not available for Australian or New Zealand citizens. The changes also affect the data for 'Previous country of residence' which is imputed for Australian and New Zealand citizens. For more information see the May 1998 issue of this publication.

**4** The preliminary estimates of visitor arrivals by country of residence (see Table 6, page 9) are based on data from DIMA's Travel and Immigration Processing System (TRIPS). The TRIPS system produces a limited range of data, including country of citizenship, which is used by ABS to produce preliminary estimates by country of usual residence. These preliminary estimates will be revised in the next issue of this publication, when final data is available. For more information see pages 3 and 4 of the June 1997 and the September 1998 issues of this publication.

### SCOPE

**5** The statistics in this publication relate to the number of movements of travellers rather than the number of travellers (i.e. multiple movements of individual persons during a given reference period are each counted separately). The statistics exclude the movements of operational air and ships' crew, of transit passengers who pass through Australia but are not cleared for entry, and of passengers on pleasure cruises commencing and finishing in Australia aboard ships not then engaged on regular voyages. Similarly, these statistics exclude those persons not travelling under standard visa conditions, such as 'boat people' and the 1999 intake of Kosovo refugees.

### COUNTRY CLASSIFICATION

**6** The classification of countries in this publication is the *Australian Standard Classification of Countries for Social Statistics* (ASCCSS). For more detailed information refer to the ABS publication *Australian Standard Classification of Countries for Social Statistics* (Cat. no. 1269.0).

**7** The statistics on country of birth, citizenship, residence or main destination have certain limitations because of reporting on passenger cards. For instance, United Kingdom includes England, Scotland and Wales. Similarly Korea includes both the Republic of Korea and the Democratic People's Republic of Korea.

## EXPLANATORY NOTES

### STATE AND TERRITORY CLASSIFICATION

**8** Following the 1992 amendment to the *Acts Interpretation Act* to include the Indian Ocean Territories of Christmas Island and the Cocos (Keeling) Islands as part of geographic Australia, population estimates commencing with the September quarter 1993 include estimates for these two territories. To reflect this change, another category of the State/Territory classification has been created, known as Other Territories. Other Territories includes Jervis Bay Territory, Christmas Island and the Cocos (Keeling) Islands.

### ESTIMATION METHOD

**9** Overseas arrival and departure statistics are derived from a combination of full enumeration and sampling. All permanent movements and all movements with a duration of stay of one year or more are fully enumerated. All movements with a duration of stay of less than one year are sampled. Statistics relating to these movements are therefore estimates which may differ from statistics which would have been obtained if details of all these movements had been processed.

**10** Since January 1997 variable sample skips have been used in the selection of records to be sampled. Separate skips are applied for each country of citizenship and the skips may vary for each processing month. Over a year about 3.5% of all short term movements are selected for sampling.

**11** The statistics in this publication have been rounded to the nearest 100 for short-term movements and to the nearest 10 for permanent and long-term movements. In tables showing both short-term and permanent and long-term movements the total movements have been rounded to the nearest 100. The sums of the components may, due to rounding, not add exactly to totals.

### CORRECTIONS AND IMPUTATIONS

**12** The imprecision due to sampling errors should not be confused with errors arising from imperfections in reporting, which may occur in any data collection, whether sampled or not. Every effort is made to minimise such errors, both through careful design of the passenger cards and through checks on the information once it is received. During the edit process some items are corrected where they conflict with other known information. Missing replies to certain items such as age and country of birth are also imputed by reference to other related items. Information on non-sampling errors appears in Appendix 2.

**13** Errors of this kind differ from discrepancies arising from the fact that certain information reflects the travellers' intentions at the time the passenger cards were completed. These intentions are, of course, subject to change. Particularly affected is the distinction between permanent and temporary movement and in the latter case, length of intended stay, country in which most time will be spent and main reason for journey.

## EXPLANATORY NOTES

### SEASONAL ADJUSTMENT AND TREND ESTIMATES

**14** Original and seasonally adjusted short-term overseas visitor arrivals and short-term Australian resident departures are shown in Tables 1 and 2 respectively. In the seasonally adjusted series, account has been taken of normal seasonal factors and trading day effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the effect of movement in the date of Easter which may, in successive years, affect figures for different months.

**15** Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series may be more clearly recognised. Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular month, such as the effect of major sporting and cultural events, changes in airfares and the fluctuation of \$A relative to other currencies. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

**16** The trend estimates for short-term overseas visitor arrivals and short-term Australian resident departures are shown in Tables 1 and 2 respectively. These trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months of the respective seasonally adjusted series except the first and last six months. Trend series are created for the last six months by applying surrogates of the Henderson weighted moving average to the seasonally adjusted series.

**17** While this technique enables smoothed data for the latest period to be produced, it does result in revisions to the smoothed series, principally of recent months, as additional observations become available. There may also be revisions as a result of the re-estimation of the seasonal factors. For further information, see *A Guide to Interpreting Time Series—Monitoring Trends, an Overview* (Cat. no. 1348.0).

### RELATED PUBLICATIONS

**18** Users of these statistics may also wish to refer to the following ABS publications:

- *Australian Demographic Statistics* (Cat. no. 3101.0)—issued quarterly
- *Migration, Australia* (Cat. no. 3412.0)—issued annually
- *Tourism Indicators, Australia* (Cat. no. 8634.0)—issued quarterly.

**19** Related statistics are also published by the Department of Immigration and Multicultural Affairs, the Department of Transport and Regional Services and the Bureau of Tourism Research.

**20** Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. Both are available from any ABS office or the ABS website.

## EXPLANATORY NOTES

ADDITIONAL STATISTICS AVAILABLE **21** As well as the statistics included in this and related publications, other relevant unpublished data are available for the following variables:

Citizenship (Nationality)  
 Country of birth  
 Age (Date of birth)  
 Sex  
 Marital status (not available for Australia or New Zealand citizens)  
 Category of travel  
 Permanent migrant  
     Previous/future country of residence  
     State of intended address/lived  
 Overseas visitor  
     Intended/actual length of stay  
     Main reason for journey  
     Country of residence  
     State of intended address/in which most time spent  
 Australian residents  
     Intended/actual time away from Australia  
     Country spent/intend to spend most time in  
     State of intended address/lived  
 Occupation (not available for short-term movements)  
 State of intended/actual address  
 Flight number or name of ship  
 Country of embarkation/disembarkation  
 Airport/Port of arrival/departure  
 Arrival/departure date  
 Whether intend to live in Australia for next 12 months (not available for short-term movements)

**22** This publication draws extensively on information provided by the Department of Immigration and Multicultural Affairs. This continued cooperation is very much appreciated: without it, the statistics published would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

SYMBOLS AND OTHER USAGES

—	nil or rounded to zero
..	not applicable
p	preliminary
n.a.	not available
n.f.d.	not further defined
n.y.a.	not yet available
r	revised

## GLOSSARY

<b>Australian resident</b>	Australian residence is self-defined as reported by travellers when completing Incoming and Outgoing Passenger Cards.
<b>Category of movement</b>	<p>Overseas Arrivals and Departures are classified according to length of stay (in Australia or overseas), recorded in months and days by travellers on passenger cards. There are three main <i>categories of movement</i>:</p> <ul style="list-style-type: none"><li>▪ permanent movements</li><li>▪ long-term movements</li><li>▪ short-term movements.</li></ul> <p>A significant number of travellers (i.e. overseas visitors to Australia on arrival and Australian residents going abroad) state exactly 12 months or one year as their intended period of stay. Many of them stay for less than that period and on their departure from, or return to, Australia are therefore classified as short-term. Accordingly in an attempt to maintain consistency between arrivals and departures, movements of travellers who report their actual or intended period of stay as being one year exactly are randomly allocated to long-term or short-term, in proportion to the number of movements of travellers who report their actual length of stay as up to one month more, or one month less, than one year.</p>
<b>Country of residence</b>	Country of residence refers to the country in which travellers regard themselves as living or as last having lived.
<b>Intended length of stay</b>	On arrival in Australia, all overseas visitors are asked to state their 'Intended length of stay in Australia'. On departure from Australia, all Australian residents are asked to state their 'Intended length of stay abroad'.
<b>Long-term arrivals</b>	<p>Long-term arrivals comprise:</p> <ul style="list-style-type: none"><li>▪ overseas visitors who intend to stay in Australia for 12 months or more (but not permanently); and</li><li>▪ Australian residents returning after an absence of 12 months or more overseas.</li></ul>
<b>Long-term departures</b>	<p>Long-term departures comprise:</p> <ul style="list-style-type: none"><li>▪ Australian residents who intend to stay abroad for 12 months or more (but not permanently); and</li><li>▪ overseas visitors departing who stayed 12 months or more in Australia.</li></ul>
<b>Main destination</b>	Australian residents travelling overseas are asked on departure for the name of the country in which they intend to spend most time.



## GLOSSARY

**Main reason for journey** On arrival in, or departure from, Australia all overseas visitors and Australian residents are asked to state their purpose of journey. From September 1994, all statistics relating to *main reason for journey* have been published using the following categories:

- convention/conference
- business
- visiting friends/relatives
- holiday
- employment
- education
- other

In tabulations of data collected before September 1994, the 'Other' category includes 'In transit' and the 'Holiday' category includes both 'Student vacation' and 'Accompanying business visitor'.

**Main State/Territory of stay** Overseas visitors are asked on departure for the name of the State or Territory in which they spent the most time.

**Overseas Arrivals and Departures (OAD)** Overseas Arrivals and Departures refer to the arrival or departure of Australian residents or overseas visitors, through Australian airports (or sea ports), which have been recorded on Incoming or Outgoing Passenger Cards. Statistics on Overseas Arrivals and Departures relate to the number of movements of travellers rather than the number of travellers (i.e. the multiple movements of individual persons during a given reference period are all counted).

**Permanent arrivals** Permanent arrivals (settlers) comprise:

- travellers who hold migrant visas (regardless of stated intended period of stay);
- New Zealand citizens who indicate an intention to settle; and
- those who are otherwise eligible to settle (e.g. overseas born children of Australian citizens).

This definition of settlers is used by the Department of Immigration and Multicultural Affairs. Prior to 1985 the definition of settlers used by the ABS was the stated intention of the traveller only. Numerically the effect of the change in definition is insignificant. The change was made to avoid the confusion caused by minor differences between data on settlers published separately by the ABS and the Department of Immigration and Multicultural Affairs.

**Permanent departures** Permanent departures are Australian residents (including former settlers) who on departure state that they intend to settle permanently in another country.

**Short-term arrivals** Short-term arrivals comprise:

- overseas visitors whose intended stay in Australia is less than 12 months; and
- Australian residents returning after an absence of less than 12 months overseas.

**Short-term departures** Short-term departures comprise:

- Australian residents who intend to stay abroad for less than 12 months; and
- overseas visitors departing who stayed less than 12 months in Australia.

## STANDARD ERRORS

### RELIABILITY OF ESTIMATES

**1** Estimates based on a sample are subject to sampling variability i.e. they may differ from those that would be obtained from full enumeration.

**2** The sampling error associated with any estimate can be estimated from the sample results and one measure so derived is the standard error. Given an estimate and the standard error on that estimate, there are about two chances in three that the sample estimate will differ by less than one standard error from the figure that would have been obtained from full enumeration, and about nineteen chances in twenty that the difference will be less than two standard errors. The relative standard error is the standard error on the estimate expressed as a percentage of the estimate.

**3** It would be impractical to publish estimates of standard errors for all figures in individual tables. However, the following tables of standard errors and relative standard errors give an indication of the magnitude of the sampling error associated with any estimate of a particular size for short-term and total movement.

### APPROXIMATE STANDARD ERRORS ON ESTIMATES FOR STRATIFIED SAMPLE

<i>Estimated number of persons</i>	<i>SHORT-TERM DEPARTURE OR ARRIVAL OF AUSTRALIAN RESIDENTS</i>		<i>SHORT-TERM ARRIVAL OR DEPARTURE OF OVERSEAS VISITORS</i>		<i>TOTAL ARRIVALS OR DEPARTURES</i>	
	<i>Standard error</i>	<i>Relative standard error</i>	<i>Standard error</i>	<i>Relative standard error</i>	<i>Standard error</i>	<i>Relative standard error</i>
	no.	%	no.	%	no.	%
10 000	550	6	490	5	550	6
5 000	450	9	330	7	410	8
2 000	280	14	230	11	250	13
1 000	200	20	150	15	170	17
750	180	24	140	19	150	20
500	130	26	110	22	125	25
400	120	30	100	25	115	29
300	110	36	84	28	97	32
200	90	45	70	35	80	40
100	63	63	49	49	56	56

**4** An example of the use of this table is as follows. If the estimate of the number of Australian resident departures for short-term visits abroad is 500, then the standard error on this estimate is 130 i.e. there are two chances in three that the actual number of Australian resident departures for short-term visits abroad will lie between 370 and 630 and nineteen chances in twenty that it will lie between 240 and 760.

**5** The larger the size of an estimate the smaller the relative standard error. For any estimate of greater than 10,000 the relative standard error will be less than 6%.

## STANDARD ERRORS

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### RELIABILITY OF ESTIMATES

*continued*

**6** The estimate of the difference between an estimate in two different periods or between different estimates from the same period is also subject to sampling error. The standard error on the difference between any two estimates which are subject to sampling error can be approximated by using the larger standard error of the estimates inflated by a factor of 1.4.

**7** An example of the use of this procedure is as follows. Assume the estimates of the number of arrivals to Australia from Taiwan during January 1994 and January 1995 are 1,500 and 750 respectively. The difference between the 1994 and 1995 figures is 750 and the standard errors on these estimates are approximately 190 and 140. The standard error on the difference is approximately 266 ( $1.4 \times 190$ ), and there are nineteen chances in twenty that the estimate of the difference between the two years will lie between 218 and 1,282.

# APPENDIX 1—PASSENGER CARDS (a)

## INCOMING CARD – FRONT

<p><b>Incoming passenger card • Australia</b></p> <p><b>PLEASE COMPLETE IN ENGLISH</b></p> <p>▶ Family/Surname _____</p> <p>▶ Given names _____</p> <p>▶ Passport number  <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>◆ Flight number or name of ship _____</p> <p>▶ Intended address in Australia          _____          State _____</p> <p>▶ Do you intend to live in Australia for the next 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>▶ If you are NOT an Australian citizen:          Do you suffer from tuberculosis? Yes <input type="checkbox"/> No <input type="checkbox"/>          Do you have any criminal conviction/s? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p><b>YOU MUST ANSWER EVERY QUESTION – IF UNSURE, <input checked="" type="checkbox"/> Yes</b></p> <p>▶ Are you bringing into Australia:</p> <p>1. Goods that may be prohibited or subject to restrictions, such as medicines, steroids, firearms, weapons of any kind or illicit drugs? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>2. More than 1125ml of alcohol or 250gm of tobacco products? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>3. Goods obtained overseas or purchased duty or tax free in Australia with a combined total price of more than AU\$400, including gifts? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>4. Goods/samples for business/commercial use? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>5. AU\$10,000 or more in Australian or foreign currency equivalent? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>6. Food of any kind, traditional medicines or herbs? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>7. Plants, parts of plants, wooden articles, seeds, bulbs, straw, nuts? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>8. Animals, birds, insects, fish, parts of animals – live or dead, equipment used with animals, meat, skins, feathers, bones, shells, coral, eggs, animal specimens, animal medicines, biological specimens or organisms? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>9. Soil, or articles with soil attached? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>▶ 10. Have you visited a farm outside Australia in the past 30 days? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>▶ 11. Have you been in Africa or South America in the last 6 days? Yes <input type="checkbox"/> No <input type="checkbox"/></p>
<p><b>DECLARATION</b>  <i>I declare the information I have given is true, correct and complete. I understand failure to answer any questions may have serious consequences.</i></p>	<p><b>YOUR SIGNATURE</b>          _____ DAY MONTH YEAR  <input type="text"/> <input type="text"/> <input type="text"/></p> <p style="text-align: right;"><b>TURN OVER THE CARD</b> ▶</p>

## INCOMING CARD – BACK

<p><b>PLEASE COMPLETE IN ENGLISH</b></p> <p>▶ In which country did you board this flight or ship?          _____</p> <p>◆ What is your usual occupation?          _____</p> <p>▶ Nationality as shown on passport          _____</p> <p><small>The information sought on this form is required to administer immigration, customs, quarantine, health, wildlife and currency laws of Australia and collection of this information is authorised by the legislation administered by the Australian border agencies. The responsible Australian persons or agencies will only disclose this information to those government bodies authorised to receive it under Australian law. The leaflet <i>Safeguarding your personal information</i> is available at Australian ports and airports.</small></p>	<p><b>PLEASE <input checked="" type="checkbox"/> AND ANSWER A OR B OR C</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>A Migrating permanently to Australia</b> <input type="checkbox"/></p> </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>B Visitor or temporary entrant</b> <input type="checkbox"/></p> <p>Years Months or Days  <input type="text"/> <input type="text"/> <input type="text"/></p> <p>▶ Your intended length of stay in Australia _____</p> <p>▶ Your country of residence _____</p> <p>▶ Your main reason for coming to Australia (X one only)</p> <p>Convention/conference <input type="checkbox"/> 1 Employment <input type="checkbox"/> 4 Holiday <input type="checkbox"/> 7              Business <input type="checkbox"/> 2 Education <input type="checkbox"/> 5 Other <input type="checkbox"/> 8              Visiting friends or relatives <input type="checkbox"/> 3 Exhibition <input type="checkbox"/> 6</p> </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>C Resident returning to Australia</b> <input type="checkbox"/></p> <p>▶ Country where you spent most time abroad              _____</p> </div> </div> <p style="text-align: right; font-weight: bold; font-size: small;">MAKE SURE YOU HAVE COMPLETED BOTH SIDES OF THIS CARD. PRESENT THIS CARD ON ARRIVAL WITH YOUR PASSPORT.</p>	<p style="text-align: right; font-size: x-small;">© Commonwealth of Australia 1998 15 (Design date 08/98)</p>
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## OUTGOING CARD

<p><b>Outgoing passenger card • Australia</b></p> <p><b>PLEASE COMPLETE IN ENGLISH</b></p> <p>▶ Family/Surname _____</p> <p>▶ Given names _____</p> <p>▶ Passport number  <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>▶ Flight number or name of ship _____</p> <p>▶ Country where you will get off this flight          _____</p> <p>▶ What is your usual occupation?          _____</p> <p>◆ Nationality as shown on passport          _____</p>	<p><b>PLEASE <input checked="" type="checkbox"/> AND ANSWER D OR E OR F</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>D Visitor or temporary entrant departing</b> <input type="checkbox"/></p> <p>▶ City or State where you spent most time              _____</p> </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>E Australian resident departing temporarily</b> <input type="checkbox"/></p> <p>▶ In which State did you live?              NSW <input type="checkbox"/> Vic <input type="checkbox"/> Qld <input type="checkbox"/>              SA <input type="checkbox"/> WA <input type="checkbox"/> Tas <input type="checkbox"/>              NT <input type="checkbox"/> ACT <input type="checkbox"/> Other <input type="checkbox"/></p> <p>▶ Intended length of stay overseas              Years Months or Days  <input type="text"/> <input type="text"/> <input type="text"/></p> <p>▶ Country where you will spend most time abroad              _____</p> <p>▶ Main reason for overseas travel (X one only)</p> <p>Convention/conference <input type="checkbox"/> 1 Employment <input type="checkbox"/> 5              Business <input type="checkbox"/> 2 Education <input type="checkbox"/> 6              Visiting friends or relatives <input type="checkbox"/> 3 Exhibition <input type="checkbox"/> 7              Holiday <input type="checkbox"/> 4 Other <input type="checkbox"/> 8</p> </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>F Australian resident departing permanently</b> <input type="checkbox"/></p> <p>▶ In which State did you live?              NSW <input type="checkbox"/> Vic <input type="checkbox"/>              Qld <input type="checkbox"/> SA <input type="checkbox"/>              WA <input type="checkbox"/> Tas <input type="checkbox"/>              NT <input type="checkbox"/> ACT <input type="checkbox"/>              Other <input type="checkbox"/></p> <p>▶ What is your country of future residence?              _____</p> </div> </div>	
<p><b>DECLARATION</b>  <i>I declare the information I have given is true, correct and complete.</i></p>	<p><b>YOUR SIGNATURE</b>          _____ DAY MONTH YEAR  <input type="text"/> <input type="text"/> <input type="text"/></p>	<p style="font-weight: bold; font-size: small;">PRESENT THIS CARD ON DEPARTURE WITH YOUR BOARDING PASS AND PASSPORT.</p>

(a) Revised card used from March 1999, see paragraphs 3 and 4 of the Explanatory Notes for more detail.

## APPENDIX 2 — DATA QUALITY ISSUES

### NON-RESPONSE RATES PRIOR TO IMPUTATION AUGUST 1999(a)

<i>OAD variables</i>	<i>Incoming Variables</i>	<i>Outgoing Variables</i>
Citizenship (Nationality)	0.25	0.27
Country of birth	0.05	0.04
Age (Date of birth)	0.00	0.00
Sex	0.00	0.00
Marital Status(b)	32.60	43.57
Category of Travel	1.41	0.45
Permanent migrant		
Previous/future country of residence	0.00	0.00
State of intended address/lived	n.a.	n.a.
Overseas visitor		
Intended/actual length of stay	2.00	0.02
Main reason for journey	3.91	..
Country of residence	n.a.	..
State of intended address/in which most time was spent	n.a.	n.a.
Australian residents		
Actual/Intended time away from Australia	0.00	0.94
Main reason for journey	..	2.29
Country spent/intend to spend most time in	n.a.	n.a.
State of intended address/lived	n.a.	n.a.
Occupation(c)	0.00	0.00
Flight number or name of ship	0.00	0.00
Country of embarkation/disembarkation	0.60	0.19
Airport/Port of arrival/departure	0.00	0.00
Arrival/departure date	0.00	0.00
Whether intend to live in Australia for next 12 months	1.31	..

(a) Non-response rates are unweighted.

(c) Not available for short-term movements.

(b) Not available for Australia or New Zealand

#### INTENDED LENGTH OF STAY / TIME AWAY FROM AUSTRALIA

Non-response rates are available for these data items from November 1998. For data prior to November 1998, imputation carried out as part of processing by the Department of Immigration and Multicultural Affairs (DIMA) has prevented reliable estimation of non-response rates for these two data items.

#### MAIN REASON FOR JOURNEY

Before the introduction of the redesigned passenger card in July 1998, 5% of short-term visitor arrivals, on average, were recorded as having a reason for journey of 'Other' or 'Not Stated'. This percentage rose to 14% for July, 16% in August and 29% in September 1998 as a result of processing problems. These problems have now been addressed by DIMA, with the percentage of 'Other' and 'Not Stated' dropping in October 1998 to 8% and 7% in November 1998.

From the January 1999 issue of this publication, published figures (Table 3 and Table 9 in this publication) referencing these three months have been revised. The revised data were calculated by estimating the number of persons responding 'Other / Not Stated' using past trends for each country of citizenship and proportionally allocating any persons in excess of the estimated 'Other / Not Stated' total amongst the remaining categories. 'Not Stated' rates are now separately available from February 1999 onwards.

#### STATE IN WHICH MOST TIME WAS SPENT

For the months of August 1998, September 1998 and October 1998, data entry problems experienced by DIMA caused an overstatement of the Northern Territory as the main State of stay with a corresponding understatement for the remaining States and Territories. These numbers have returned in November 1998 to levels more comparable with previous years, with DIMA indicating that they have instigated data quality procedures to address this issue.

## APPENDIX 2 — DATA QUALITY ISSUES

From the January 1999 issue of this publication, published figures (Table 8 in this publication) referencing these months have been revised. The revised data were calculated by estimating the number of persons indicating the Northern Territory as their main State of stay using past trends and proportionally allocating any persons in excess of these estimates amongst the remaining States and Territories.

### LONG-TERM MIGRATION

Long-term migration for departing overseas visitors and arriving Australian residents has fallen markedly between 1997/98 and 1998/99. Investigation into the cause(s) is continuing, however it may be due to the more precise method of determining duration of stay using the new passenger cards and/or the Asian economic crisis.

### SEPTEMBER 1998 PROCESSING

A problem was experienced in the processing of OAD data for movement dates between 6 September 1998 and 16 September 1998, following the introduction of changes to DIMA's input processing system. This problem may affect in the order of 10% of all September records used in estimation and result in incorrect details for citizenship, date of birth, sex and country of birth.

### DATA IMPUTATIONS

Data are imputed for certain variables when no responses are recorded on the respective passenger cards. These variables and the information used to impute for them are listed in the table below.

DATA ITEM	IMPUTATION
Category of travel	Includes references to citizenship (Australia, New Zealand, Other), corresponding migration visa, intended length of stay and whether intend to live in Australia for next 12 months
Intended length of stay	10 days
Country of residence	Country of departure, if it also matches country of citizenship
State lived / in which most time was spent	State of clearance



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