

LABOUR FORCE EXPERIENCE

AUSTRALIA

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INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Labour Market Statistics Section on Canberra (02) 6252 7206, email <labour.statistics@abs.gov.au>.

NOTES

ABOUT THIS PUBLICATION

This publication presents information about the labour force experience of persons aged 15 years and over during the 12 months ending February 2011. It presents information about time spent in labour force activities, including episodes of working or looking for work, and time spent out of the labour force.

The statistics in this publication were compiled from data collected in the Labour Force Experience Survey conducted throughout Australia in February 2011 as a supplement to the Australian Bureau of Statistics (ABS) monthly Labour Force Survey (LFS).

For this publication, labour force activity over a 12-month period was determined from a more limited set of questions than is used in the monthly Labour Force Survey (LFS). For this reason, the terms *worked* and *looked for work* are used, rather than the more precisely defined terms *employed* and *unemployed*, as used in the LFS. In this survey, the concepts *worked* and *looked for work* are used to determine whether a person was *in the labour force during the year*. Therefore, this concept is also based on a more limited set of questions than the Labour Force Survey.

Labour force experience relates to a person's labour force activities over a 12-month period. Labour force activity consists of either working or looking for work.

This survey measured the number of weeks in which persons were engaged in these labour force activities during the year, the number of spells of looking for work during the year and the main activity of persons when not in the labour force.

IMPACT OF NATURAL DISASTERS

No significant operational difficulties were experienced in conducting the LFS in February 2011. A small number of households from the sample were not able to be enumerated due to either flood or cyclone damage to the dwelling, or road closures preventing access to the dwelling. The small amount of sample loss did not have a statistically significant impact on the estimates. For further information on how the ABS responded to the Queensland floods refer to the article Impact of the Floods on the Labour Force Survey in the January 2011 issue of *Labour Force*, *Australia* (cat. no. 6202.0).

CHANGES IN THIS ISSUE

Tables presenting data for persons aged 15–69 years have been removed from this issue as the scope of this survey has applied to all persons aged 15 years and over since 2007.

FUTURE ISSUES

As part of a review of supplementary surveys to the monthly LFS, this issue of Labour Force Experience may be the last.

ROUNDING

As estimates have been rounded, discrepancies may occur between sums of component items and totals.

Brian Pink

Australian Statistician

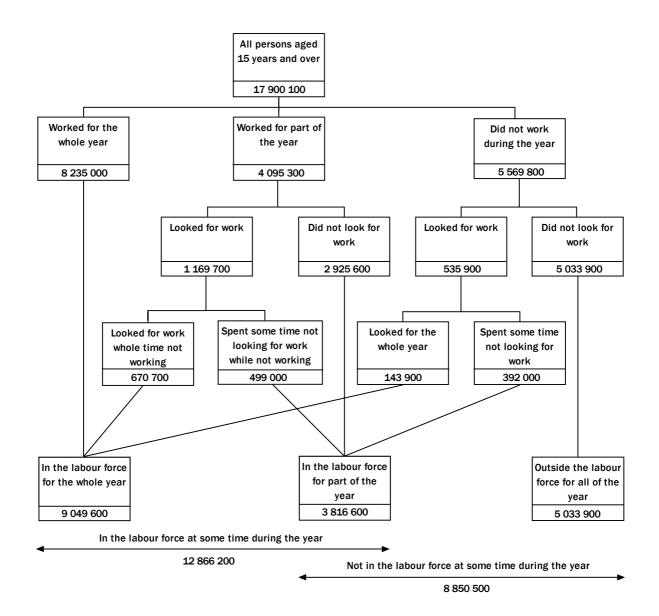
CONCEPTUAL FRAMEWORK

CONCEPTUAL FRAMEWORK

The following diagram illustrates the conceptual framework for the Labour Force Experience Survey. Persons aged 15 years and over were classified according to their labour force activity over a 12-month period, that is, whether they were working or looking for work.

The framework differentiates between persons who worked for the whole year, part of the year or did not work during the year. Persons who worked part of the year or did not work during the year were asked whether they looked for work during the year. Persons who looked for work were also asked about the time they spent looking for work.

Note that the terms *worked* and *looked for work* are not the same as the more precisely defined terms *employed* and *unemployed*, which are used in the monthly Labour Force Survey to describe current labour force status. See the Glossary for the definitions of these terms.



ALL PERSONS

In February 2011, there were 17.9 million persons aged 15 years and over. During the 12 months to February 2011, 75% of these persons did not change their labour force status. Other characteristics of persons aged 15 years and over at February 2011 included:

- 12.3 million persons worked at some time during the year, of whom 8.2 million (67%) spent the whole year working;
- 1.7 million persons looked for work at some time during the year, of whom 143,900 (8%) spent the whole year looking for work; and
- 8.9 million persons were classified as 'Not in the labour force' at some time during the year, of whom 5.0 million (57%) remained 'Not in the labour force' for the whole of this 12 month period.

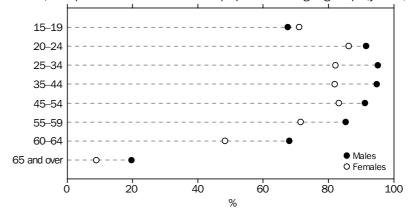
Participation in the labour force

There were 12.9 million persons aged 15 years and over who participated in the labour force at some time during the year ending February 2011 (78% of males and 66% of females). That is, 72% of Australians aged 15 years and over either worked or looked for work at some time during this period (the same as in 2009).

Of the persons who were in the labour force at some time during the 12 months ending February 2011, 70% spent the whole year in the labour force and 17% spent from 39 to under 52 weeks in the labour force.

The persons with the highest proportion of participation in the labour force at some time during the year ending February 2011 were those aged 20–34 years (89%), closely followed by 35–44 year olds (88%) and 45–54 year olds (87%).

LABOUR FORCE PARTICIPATION DURING THE YEAR ENDING FEBRUARY 2009, Proportion of the civilian population—Age group (years)—By sex



Participation for males was at a higher rate than females in all age groups except for those aged 15–19, where participation for females (71%) was at a slightly higher rate than for males (67%). Among males, the age group with the highest rate of participation was those aged 25–34 (95%), whilst for females it was those aged 20–24 (86%).

SUMMARY OF FINDINGS continued

PERSONS WHO WORKED AT SOME TIME DURING THE YEAR

Some 12.3 million persons aged 15 years and over worked at some time during the year ending February 2011. Of these, 6.6 million (54%) were males and 5.7 million (46%) were females. Approximately 70% of the males worked for the entire 52 weeks, compared to 63% of the females.

Of those persons who worked at some time during the year ending February 2011:

- 65% only worked full-time hours (77% of males and 50% of females);
- 26% only worked part-time hours (14% of males and 39% of females); and
- 10% worked a combination of full-time and part-time hours (9% of males and 11% of females).

Persons who worked only full-time during the year were more likely to work all year and less likely to change employers or businesses than those who only worked part-time.

The majority of persons (80%) who only worked full-time worked for the whole year, compared to 42% of persons who only worked part-time hours.

The majority of persons (79%) who worked at some time during the year ending February 2011 had only one employer or business during the 12 months. About 21% of persons who only worked part-time hours had two or more employers or businesses during the year, compared to 17% of persons who only worked full-time.

PERSONS WHO LOOKED FOR WORK AT SOME TIME DURING THE YEAR There were 1.7 million persons aged 15 years and over who looked for work at some time during the year ending February 2011 (906,800 males and 798,800 females). Of these, 69% also worked during the year.

Of those persons who looked for work at some time during this 12 month period:

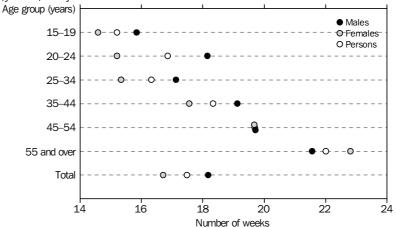
- 16% looked for work from 1 to under 4 weeks;
- 37% looked for work from 4 to under 13 weeks;
- 18% looked for work from 13 to under 26 weeks;
- 20% looked for work from 26 to under 52 weeks; and
- 8% looked for work the whole year.

For the majority of these persons (75%), the time spent looking for work during this 12 month period was over a single period or spell, however some persons had a number of spells of looking for work.

- 11% had 2 spells looking for work; and
- 14% had 3 or more spells looking for work.

PERSONS WHO LOOKED
FOR WORK AT SOME TIME
DURING THE YEAR continued





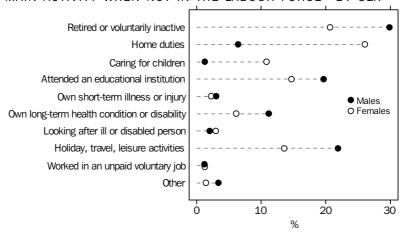
The mean duration of time spent looking for work was 17.5 weeks (up from 15.9 weeks in 2009). On average, females who looked for work spent less time doing so (16.7 weeks) than males (18.2 weeks). On average, those aged 55 years and over tended to spend the most time looking for work (22 weeks), while those aged 15–19 years spent the least time (15.2 weeks).

PERSONS WHO WERE NOT IN THE LABOUR FORCE AT SOME TIME DURING THE YEAR

There were 8.9 million persons aged 15 years and over who were outside the labour force at some time during the year ending February 2011. Of these:

- 58% were females;
- 57% remained outside the labour force for the whole of this 12 month period; and
- 24% were not in the labour force from 1 to under 13 weeks.

MAIN ACTIVITY WHEN NOT IN THE LABOUR FORCE—BY SEX



The main activities most commonly reported by persons while outside the labour force were:

- Retired or voluntarily inactive' (30% of males and 21% of females);
- 'Holiday, travel or leisure activities' (22% of males and 14% of females);
- 'Attended an educational institution' (20% of males and 15% of females); and
- 'Home duties' (6% of males and 26% of females).

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	2007		2009		2011	
	'000	%	'000	%	'000	%
••••	MALES	• • • • •	• • • • • • • • •	• • • • •	• • • • • • • • •	• • • • •
In the labour force for the whole year	4 644.0	57.8	4 825.6	57.8	5 164.1	58.3
Worked for the whole year	4 239.0	52.7	4 384.6	52.5	4 658.8	52.6
Worked for part of the year(a) Worked for none of the year(b)	347.7 57.3	4.3 0.7	380.2 60.8	4.6 0.7	424.8 80.5	4.8 0.9
• , ,						
In the labour force for part of the year Worked for part of the year	1 564.2 1 448.1	19.5 18.0	1 695.9 1 544.0	20.3 18.5	1 715.1 1 558.0	19.4 17.6
Looked for work at some time	253.6	3.2	263.5	3.2	244.5	2.8
Did not look for work	1 194.5	14.9	1 280.4	15.3	1 313.6	14.8
Worked for none of the year	116.1	1.4	151.9	1.8	157.0	1.8
Not in the labour force all year	1 828.8	22.8	1 831.4	21.9	1 981.0	22.4
Total	8 037.0	100.0	8 352.9	100.0	8 860.1	100.0
In the lebeur ferre at some time during the year	0.000.4	77.0	0 504 5	70.4	0.070.4	77.0
In the labour force at some time during the year Worked at some time during the year	6 208.1 6 034.8	77.2 75.1	6 521.5 6 308.8	78.1 75.5	6 879.1 6 641.7	77.6 75.0
Looked for work at some time during the year	774.7	9.6	856.4	10.3	906.8	10.2
Not in the labour force at some time during the year	3 393.0	42.2	3 527.3	42.2	3 696.1	41.7
••••	FEMALE	s	• • • • • • • • •	• • • • •	• • • • • • • • •	• • • • •
In the labour force for the whole year	3 410.4	41.5	3 681.3	43.2	3 885.5	43.0
Worked for the whole year	3 132.9	38.1	3 376.9	39.6	3 576.2	39.6
Worked for part of the year(a)	229.4	2.8	247.5	2.9	245.9	2.7
Worked for none of the year(b)	48.1	0.6	56.9	0.7	63.4	0.7
In the labour force for part of the year	1 926.5	23.4	2 016.1	23.7	2 101.5	23.2
Worked for part of the year	1 702.2	20.7	1 810.0	21.2	1 866.5	20.6
Looked for work at some time	261.4	3.2	283.4	3.3	254.5	2.8
Did not look for work	1 440.8	17.5	1 526.5	17.9	1 612.0	17.8
Worked for none of the year	224.3	2.7	206.2	2.4	235.0	2.6
Not in the labour force all year	2 888.6	35.1	2 825.8	33.2	3 052.9	33.8
Total	8 225.5	100.0	8 523.2	100.0	9 040.0	100.0
In the labour force at some time during the year	5 336.9	64.9	5 697.5	66.8	5 987.0	66.2
Worked at some time during the year	5 064.5	61.6	5 434.4	63.8	5 688.6	62.9
Looked for work at some time during the year Not in the labour force at some time during the year	763.2 4 815.1	9.3 58.5	794.0 4 841.9	9.3 56.8	798.8 5 154.5	8.8 57.0
Not in the labour lorde at some time during the year	4 015.1	36.3	4 841.9	50.8	5 154.5	51.0
	PERSON	S	• • • • • • • • •	• • • • • •	• • • • • • • • • •	• • • • •
In the labour force for the whole year	8 054.4	49.5	8 506.9	50.4	9 049.6	50.6
Worked for the whole year	7 371.9	45.3	7 761.5	46.0	8 235.0	46.0
Worked for part of the year(a) Worked for none of the year(b)	577.1 105.4	3.5 0.6	627.7	3.7 0.7	670.7 143.9	3.7 0.8
• • • •			117.7			
In the labour force for part of the year Worked for part of the year	3 490.7 3 150.3	21.5 19.4	3 712.0 3 353.9	22.0 19.9	3 816.6 3 424.6	21.3 19.1
Looked for work at some time	515.0	3.2	547.0	3.2	499.0	2.8
Did not look for work	2 635.3	16.2	2 807.0	16.6	2 925.6	16.3
Worked for none of the year	340.4	2.1	358.1	2.1	392.0	2.2
Not in the labour force all year	4 717.4	29.0	4 657.1	27.6	5 033.9	28.1
Total	16 262.4	100.0	16 876.1	100.0	17 900.1	100.0
In the labour force at some time during the year	11 545.0	71.0	12 219.0	72.4	12 866.2	71.9
Worked at some time during the year	11 099.3	68.3	11 743.2	69.6	12 330.3	68.9
Looked for work at some time during the year	1 537.9	9.5	1 650.5	9.8	1 705.6	9.5
Not in the labour force at some time during the year	8 208.1	50.5	8 369.2	49.6	8 850.5	49.4

⁽a) Worked for part of the year, looked for work the rest of the (b) Looked for work for the whole of the year. year.

	Males	Females	Persons
	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
Time in the labour force during the year			
In the labour force during the year	6 879.1	5 987.0	12 866.2
1 to under 4 weeks	72.1	118.0	190.2
4 to under 13 weeks	197.8	278.6	476.5
13 to under 26 weeks	158.4	245.1	403.5
26 to under 39 weeks	231.2	324.4	555.6
39 to under 52 weeks	1 055.5	1 135.3	2 190.8
52 weeks	5 164.1	3 885.5	9 049.6
Not in the labour force all year	1 981.0	3 052.9	5 033.9
Time worked during the year			
Worked at some time during the year	6 641.7	5 688.6	12 330.3
1 to under 4 weeks 4 to under 13 weeks	65.4	83.1	148.5
13 to under 26 weeks	188.8 202.6	233.9 251.8	422.7 454.4
26 to under 39 weeks	332.2	364.2	696.4
39 to under 52 weeks	1 193.9	1 179.5	2 373.5
52 weeks	4 658.8	3 576.2	8 235.0
Worked for none of the year	2 218.5	3 351.3	5 569.8
Full-time or part-time status of time worked during the year			
Worked at some time during the year	6 641.7	5 688.6	12 330.3
All full-time	5 126.9	2 842.6	7 969.6
More full-time than part-time	369.1	284.4	653.5
Full-time same as part-time	26.4	44.7	71.1
More part-time than full-time	178.9	294.6	473.5
All part-time	940.3	2 222.3	3 162.6
Worked for none of the year	2 218.5	3 351.3	5 569.8
Number of employers/businesses during the year(a)			
One	5 284.1	4 502.9	9 787.0
Two	1 091.6	951.7	2 043.3
Three	190.7	171.1	361.8
Four or more	75.3	62.9	138.2
Time spent looking for work during the year			
Looked for work at some time during the year	906.8	798.8	1 705.6
1 to under 4 weeks	134.4	145.9	280.2
4 to under 13 weeks	339.9 169.3	299.4	639.3 304.5
13 to under 26 weeks 26 to under 39 weeks	100.1	135.3 96.4	304.5 196.5
39 to under 52 weeks	82.7	58.5	141.3
52 weeks	80.5	63.4	143.9
Did not look for work during the year	7 953.3	8 241.1	16 194.5
Number of spells of looking for work during the year			
None	7 953.3	8 241.1	16 194.5
One	673.2	609.4	1 282.6
Two	110.8	79.0	189.7
Three	65.7	64.9	130.7
Four or more	57.1	45.6	102.7
Total	8 860.1	9 040.0	17 900.1

⁽a) Excludes persons who had zero employers/businesses during the year.



ALL PERSONS, Personal characteristics—By labour force experience during the year ending February 2011—By sex

				Not in		
	In the labour		Looked for	the labour	Not	
	force at	Worked at	work at	force at	in the	
	some time	some time	some time	some time	labour	
	during the	during the	during the	during	force all	
	year	year	year	the year	year	Total(a)
	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •
		MALES				
Age group (years)						
15–19	508.5	422.9	168.5	585.8	244.9	753.4
20–24	757.3	708.7	169.7	329.6	70.2	827.5
25–34	1 524.4	1 490.6	219.0	379.2	79.1	1 603.4
35–44	1 467.4	1 441.6	143.1	348.6	81.8	1 549.2
45–54	1 377.0	1 356.8	115.9	355.2	133.5	1 510.5
55–59	567.1	555.4	50.4	211.8	97.8	664.9
60–64	413.4	403.3	32.2	303.7	194.4	607.7
65 and over	264.1	262.2	7.9	1 182.2	1 079.2	1 343.3
Marital status						
Married	4 319.5	4 265.8	367.8	1 943.3	1 128.2	5 447.7
Not married	2 559.7	2 375.9	539.0	1 752.8	852.8	3 412.4
Relationship in household						
Family member	5 797.1	5 603.6	725.9	2 986.8	1 554.0	7 351.1
Husband, wife or partner	4 295.2	4 244.4	361.9	1 915.6	1 106.3	5 401.5
With dependants	2 260.7	2 233.7	192.7	469.3	106.2	2 366.9
Without dependants	2 034.4	2 010.7	169.3	1 446.2	1 000.1	3 034.6
Lone parent	126.6	121.6	19.5	69.6	44.4	171.0
With dependants	81.4	77.1	16.9	34.6	17.7	99.1
Without dependants	45.2	44.4	*2.7	35.0	26.7	71.9
Dependent student	366.7	303.6	105.7	525.0	242.3	609.0
Non-dependent child	851.2	785.1	212.1	369.6	99.8	951.1
Other family person	157.4	148.9	26.6	107.0	61.1	218.5
Non-family member	1 019.1	981.5	165.6	637.5	375.8	1 394.9
Lone person	599.8	576.3	91.3	440.2	303.3	903.1
Not living alone	419.3	405.3	74.2	197.3	72.5	491.7
Relationship not determined	63.0	56.6	15.3	71.8	51.2	114.2
Total	6 879.1	6 641.7	906.8	3 696.1	1 981.0	8 860.1

estimate has a relative standard error of 25% to 50% and should be used with caution

⁽a) The sum of the components will be greater than the total, as it is possible for persons to be included in more than one category over the year.



				Not in		
	In the labour		Looked for	the labour	Not	
	force at	Worked at	work at	force at	in the	
	some time	some time	some time	some time	labour	
	during the	during the	during the	during	force all	
	year	year	year	the year	year	Total(a)
	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •			• • • • • • • •	• • • • • • • •	• • • • • • • •
		FEMALE	5			
Age group (years)						
15–19	507.3	425.1	170.0	561.1	207.4	714.7
20–24	677.8	641.9	130.7	400.5	108.3	786.1
25–34	1 297.3	1 244.1	175.7	736.5	282.3	1 579.6
35–44	1 293.9	1 237.6	147.3	686.3	286.7	1 580.6
45–54	1 291.6	1 244.3	125.6	584.2	261.3	1 552.9
55–59	483.5	467.5	31.7	313.6	192.6	676.1
60–64	300.2	294.5	14.0	424.8	322.0	622.2
65 and over	135.3	133.5	*3.8	1 447.6	1 392.4	1 527.8
Marital status						
Married	3 605.1	3 487.5	337.1	2 844.4	1 688.6	5 293.8
Not married	2 381.9	2 201.1	461.8	2 310.0	1 364.3	3 746.2
Relationship in household						
Family member	5 166.7	4 901.5	688.5	4 182.5	2 309.1	7 475.8
Husband, wife or partner	3 582.4	3 467.0	332.8	2 813.1	1 663.1	5 245.5
With dependants	1 786.2	1 708.0	178.2	1 175.5	513.0	2 299.2
Without dependants	1 796.2	1 759.1	154.6	1 637.7	1 150.1	2 946.2
Lone parent	514.6	466.8	102.9	451.7	268.0	782.6
With dependants	416.7	372.6	94.4	305.3	144.1	560.8
Without dependants	97.9	94.2	8.6	146.5	123.9	221.8
Dependent student	421.2	362.3	113.5	504.6	195.1	616.4
Non-dependent child	520.8	486.4	115.8	250.9	67.3	588.1
Other family person	127.7	119.0	23.5	162.2	115.5	243.3
Non-family member	778.6	749.7	102.1	894.1	678.7	1 457.3
Lone person	511.9	491.4	58.3	733.5	612.8	1 124.7
Not living alone	266.6	258.3	43.8	160.6	65.9	332.6
Relationship not determined	41.7	37.4	8.3	77.8	65.1	106.8
Total	5 987.0	5 688.6	798.8	5 154.5	3 052.9	9 040.0

estimate has a relative standard error of 25% to 50% and should be used with caution

⁽a) The sum of the components will be greater than the total, as it is possible for persons to be included in more than one category over the year.



ALL PERSONS, Personal characteristics—By labour force experience during the year ending February 2011—By sex continued

	In the labour		Looked for	Not in the labour	Not				
	force at	Worked at	work at	force at	in the				
	some time	some time	some time	some time	labour				
	during the	during the	during the	during	force all				
	year	year	year	the year	year	Total(a)			
	'000	'000	'000	'000	'000	'000			
PERSONS									
Age group (years)									
15–19	1 015.8	848.0	338.5	1 146.9	452.3	1 468.1			
20–24	1 435.1	1 350.7	300.4	730.1	178.5	1 613.6			
25–34	2 821.7	2 734.8	394.6	1 115.7	361.4	3 183.0			
35–44	2 761.3	2 679.3	290.4	1 034.9	368.5	3 129.8			
45–54	2 668.6	2 601.2	241.5	939.3	394.8	3 063.4			
55–59	1 050.6	1 022.9	82.2	525.4	290.4	1 341.0			
60–64	713.6	697.8	46.2	728.5	516.4	1 230.0			
65 and over	399.5	395.7	11.7	2 629.8	2 471.7	2 871.1			
Marital status									
Married	7 924.6	7 753.3	704.9	4 787.7	2 816.9	10 741.5			
Not married	4 941.6	4 577.0	1 000.8	4 062.8	2 217.1	7 158.6			
Relationship in household									
Family member	10 963.9	10 505.1	1 414.4	7 169.3	3 863.0	14 826.9			
Husband, wife or partner	7 877.5	7 711.5	694.7	4 728.7	2 769.5	10 647.0			
With dependants	4 047.0	3 941.7	370.9	1 644.8	619.2	4 666.2			
Without dependants	3 830.6	3 769.8	323.8	3 083.9	2 150.2	5 980.8			
Lone parent	641.2	588.4	122.5	521.3	312.4	953.6			
With dependants	498.2	449.8	111.2	339.9	161.7	659.9			
Without dependants	143.1	138.7	11.2	181.5	150.7	293.7			
Dependent student	787.9	665.8	219.2	1 029.6	437.4	1 225.4			
Non-dependent child	1 372.0	1 271.4	327.8	620.5	167.1	1 539.1			
Other family person	285.2	267.9	50.1	269.2	176.6	461.8			
Non-family member	1 797.6	1 731.2	267.7	1 531.6	1 054.5	2 852.2			
Lone person	1 111.7	1 067.7	149.6	1 173.7	916.1	2 027.9			
Not living alone	685.9	663.5	118.1	357.9	138.4	824.3			
Relationship not determined	104.7	94.0	23.6	149.6	116.4	221.1			
Total	12 866.2	12 330.3	1 705.6	8 850.5	5 033.9	17 900.1			

⁽a) The sum of the components will be greater than the total, as it is possible for persons to be included in more than one category over the year.



ALL PERSONS, Time in the labour force during the year ending February 2011—By age group—By sex

AGE GROUP (YEARS) 15-19 20-24 25-34 35-44 45-54 55-59 60-64 Total over '000 '000 '000 MALES Time in the labour force during the year In the labour force during the year 508.5 757.3 1 524.4 1 467.4 1 377.0 567.1 413.4 264.1 6 879.1 1 to under 4 weeks 27.5 16.2 *5.9 *3.6 *3.1 *3.7 *2.2 9.8 72.1 4 to under 13 weeks 91.1 31.9 18.0 12.2 8.7 *4.5 12.4 19.2 197.8 13 to under 26 weeks 23.9 51.0 26.8 14.8 12.4 7.8 9.8 11.8 158.4 26 to under 39 weeks 54.5 36.2 38.7 27.1 22.9 16.1 16.9 18.6 231.2 39 to under 52 weeks 116.8 148.3 213.6 209.0 174.5 67.9 1 055.5 81.9 43.6 52 weeks 167.6 497.9 1 200.7 1 155.3 161.2 5 164.1 Not in the labour force all year 244.9 70.2 79.1 81.8 133.5 97.8 194.4 1 079.2 1 981.0 827.5 753.4 1 549.2 1 510.5 664.9 607.7 8 860.1 Total 1 603.4 1 343.3 FFMALES Time in the labour force during the year 1 297.3 1 293.9 1 291.6 483.5 135.3 5 987.0 In the labour force during the year 507.3 677.8 300.2 7.9 *5.8 *3.4 118.0 1 to under 4 weeks 33.2 13.4 24.4 19.1 10.8 4 to under 13 weeks 38.4 50.3 42.0 10.9 278.6 79.8 31.8 44.8 13 to under 26 weeks 54.7 37.2 62.2 25.7 9.3 *6.8 *4.4 245.1 26 to under 39 weeks 48.6 41.0 86.9 68.0 38.4 16.0 17.7 7.8 324.4 39 to under 52 weeks 137.3 162.2 230.3 225.7 216.2 76.4 58.5 28.7 1 135.3 52 weeks 153.6 385.6 843.2 894.3 968.8 362.5 197.4 80.2 3 885.5 207.4 108.3 282.3 286.7 261.3 322.0 1 392.4 3 052.9 Not in the labour force all year 192.6 Total 714.7 786.1 676.1 622.2 1 527.8 9 040.0 PERSONS Time in the labour force during the year In the labour force during the year 1 015.8 1 435.1 2 821.7 2 761.3 2 668.6 1 050.6 713.6 399.5 12 866.2 1 to under 4 weeks 22.8 190.2 60.8 29.6 30.3 13.9 11.7 8.0 13.2 4 to under 13 weeks 170.9 70.3 68.2 54.2 40.5 15.8 26.5 30.0 476.5 13 to under 26 weeks 105.7 64.0 86.1 59.6 38.1 17.1 16.6 16.2 403.5 26 to under 39 weeks 103.1 77.2 125.7 95.1 555.6 61.3 32.1 34.6 26.4 39 to under 52 weeks 254.1 310.5 443.9 434.7 390.7 158.3 126.3 72.2 2 190.8 52 weeks 321.2 883.6 2 067.4 2 095.0 2 124.1 815.6 501.5 241.3 9 049.6 Not in the labour force all year 452.3 178.5 361.4 368.5 394.8 290.4 516.4 2 471.7 5 033.9 Total 1 468.1 1 613.6 3 183.0 3 129.8 3 063.4 1 341.0 1 230.0 2 871.1 17 900.1

^{*} estimate has a relative standard error of 25% to 50% and should be used with caution



PERSONS IN THE LABOUR FORCE AT SOME TIME DURING THE YEAR, Selected characteristics—February 2007 to February 2011

2007 20	
2007 20	09 2011
000 0	000' 000
	00 000
	• • • • • • • • •
PERSONS IN THE LABOUR FORCE AT SOME TIME DURING THE YEAR	
Sex	- 00-01
Males 6 208.1 6 521	
Females 5 336.9 5 697	7.5 5 987.0
Age groups (years)	
15–19 978.8 1 020	
20–24 1 296.0 1 338	
25–34 2 486.5 2 612	
35–44 2 619.1 2 716	
45–54 2 434.1 2 580 55–59 915.1 972	
60–64 530.6 643	
65 and over 285.0 334	
	.2 000.0
State or territory of usual residence	4.070.0
New South Wales 3 750.1 3 888	
Victoria 2 898.5 3 016 Oueensland 2 313.7 2 495	
Queensland 2 313.7 2 495 South Australia 848.0 905	
Western Australia 1 180.8 1 304	
Tasmania 255.0 270	
Northern Territory 91.0 121	
Australian Capital Territory 207.9 216	
Total 11 545.0 12 219	
	.0 12 866.2
PERSONS WHO WORKED AT SOME TIME DURING THE YEAR	.0 12 866.2
PERSONS WHO WORKED AT SOME TIME DURING THE YEAR Sex	.0 12 866.2
Sex	3.8 6 641.7
Sex 6 034.8 6 308 Females 5 064.5 5 434	3.8 6 641.7
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years)	3.8 6 641.7 4 5 688.6
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868	3.8 6 641.7 3.4 5 688.6 3.5 848.0
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years)	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532	5.8 6 641.7 5.4 5 688.6 5.5 848.0 6.9 1 350.7 7.0 2 734.8 7.0 2 679.3
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625 65 and over 280.4 329	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 5 064.5 5 434 15-19 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625 65 and over 280.4 329 State or territory of usual residence New South Wales 3 567.3 3 688 Victoria 2 785.8 2 895	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7 3.9 3 892.5 3.5 3 110.5
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625 65 and over 280.4 329 State or territory of usual residence New South Wales 3 567.3 3 688 Victoria 2 785.8 2 895 Queensland 2 241.1 2 423	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7 3.9 3 892.5 3.5 3 110.5 3.0 2 509.6
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625 65 and over 280.4 329 State or territory of usual residence Victoria 3 567.3 3 688 Victoria 2 785.8 2 895 Queensland 2 241.1 2 423 South Australia 814.1 868	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7 3.9 3 892.5 3.5 3 110.5 3.6 2 509.6 3.8 886.5
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 856.5 868 20-24 1 240.6 1 278 25-34 2 408.2 2 532 35-44 2 536.0 2 640 45-54 2 368.9 2 520 55-59 897.6 947 60-64 511.2 625 65 and over 280.4 329 State or territory of usual residence Victoria 2 785.8 2 895 Victoria 2 785.8 2 895 Queensland 2 241.1 2 423 South Australia 814.1 868 Western Australia 1 154.0 1 276	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7 3.9 3 892.5 3.10.5 3.0 2 509.6 3.8 886.5 3.3 1 324.8
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 15–19 856.5 868 20–24 1 240.6 1 278 25–34 2 408.2 2 532 35–44 2 536.0 2 640 45–54 2 368.9 2 520 55–59 897.6 947 60–64 511.2 625 65 and over 280.4 329 State or territory of usual residence New South Wales 3 567.3 3 688 Victoria 2 785.8 2 895 Queensland 2 241.1 2 423 South Australia 814.1 868 Western Australia 1 154.0 1 276 Tasmania 244.7 261	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7 3.9 3 892.5 3.1 10.5 3.0 2 509.6 3.8 886.5 3.3 1 324.8 3.3 261.5
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 15–19 856.5 868 20–24 1 240.6 1 278 25–34 2 408.2 2 532 35–44 2 536.0 2 640 45–54 2 368.9 2 520 55–59 897.6 947 60–64 511.2 625 65 and over 280.4 329 State or territory of usual residence New South Wales 3 567.3 3 688 Victoria 2 785.8 2 895 Queensland 2 241.1 2 423 South Australia 814.1 868 Western Australia 1 154.0 1 276 Tasmania 244.7 261 Northern Territory 89.6 118	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.6 2 679.3 3.9 2 601.2 3.6 1 022.9 3.4 697.8 3.3 395.7 3.9 3 892.5 3.1 10.5 3.0 2 509.6 3.8 886.5 3.3 1 324.8 3.3 261.5 3.3 124.5
Sex Males 6 034.8 6 308 Females 5 064.5 5 434 Age groups (years) 15–19 856.5 868 20–24 1 240.6 1 278 25–34 2 408.2 2 532 35–44 2 536.0 2 640 45–54 2 368.9 2 520 55–59 897.6 947 60–64 511.2 625 65 and over 280.4 329 State or territory of usual residence New South Wales 3 567.3 3 688 Victoria 2 785.8 2 895 Queensland 2 241.1 2 423 South Australia 814.1 868 Western Australia 1 154.0 1 276 Tasmania 244.7 261	3.8 6 641.7 3.4 5 688.6 3.5 848.0 3.9 1 350.7 3.0 2 734.8 3.0 2 601.2 3.1 102.9 3.2 601.2 3.3 395.7 3.9 3 892.5 3.1 10.5 3.0 2 509.6 3.8 886.5 3.1 324.8 3.3 261.5 3.3 124.5



PERSONS IN THE LABOUR FORCE AT SOME TIME DURING THE YEAR, Selected

characteristics—February 2007 to February 2011 continued

	2007	2009	2011
	1000	1000	1000
	'000	'000	'000
•••••		• • • • • • •	• • • • • •
PERSONS WHO LOOKED FOR WORK AT SOME TIME DURING THE YEAR			
Sex			
Males	774.7	856.4	906.8
Females	763.2	794.0	798.8
A to discount of south			
Age groups (years)	000.0	000.4	000 5
15–19	300.6	329.4	338.5
20–24	270.7	267.9	300.4
25–34	336.5	371.9	394.6
35–44	287.1	309.7	290.4
45–54	224.2	238.5	241.5
55–59	74.7	78.0	82.2
60–64	35.8	46.1	46.2
65 and over	8.3	8.9	11.7
State or territory of usual residence			
New South Wales	522.1	577.1	547.5
Victoria	386.2	413.6	414.8
Queensland	318.8	327.9	378.9
South Australia	116.2	122.8	126.9
Western Australia	129.8	146.7	162.1
Tasmania	34.0	27.4	38.8
Northern Territory	9.7	16.0	11.3
Australian Capital Territory	21.1	18.9	25.4
Total	1 537.9	1 650.5	1 705.6



PERSONS WHO WORKED AT SOME TIME DURING THE YEAR, Time worked and number of employers/businesses during the year—By full-time or part-time status—By sex

> FULL-TIME OR PART-TIME STATUS OF TIME WORKED DURING THE YEAR

	All full-time	More full-time than part-time	Full-time same as part-time	More part-time than full-time	All part-time '000	Total
	000	000	000	000	000	000
	MA	LES				
Time worked during the year						
1 to under 13 weeks	97.9	8.4	**0.1	*5.5	142.2	254.2
13 to under 26 weeks 26 to under 39 weeks	84.7 154.9	11.5 28.1	**0.5	10.3 22.5	95.6 124.3	202.6 332.2
39 to under 52 weeks	669.0	28.1 171.4	*2.5 *4.0	72.8	276.8	1 193.9
52 weeks	4 120.4	149.8	19.3	67.8	301.5	4 658.8
Number of employers/businesses during the year						
One	4 246.5	196.0	14.6	92.4	734.6	5 284.1
Two	746.1	122.9	7.5	60.9	154.1	1 091.6
Three	100.2	35.1	*3.9	18.1	33.4	190.7
Four or more	34.1	15.2	**0.4	7.5	18.1	75.3
Total	5 126.9	369.1	26.4	178.9	940.3	6 641.7
• • • • • • • • • • • • • • • • • • • •				• • • • • •	• • • • • • •	
	FEM	ALES				
Time worked during the year						
1 to under 13 weeks	90.7	7.2	*2.2	*2.7	214.2	317.0
13 to under 26 weeks	71.1	13.5	*1.8	11.1	154.2	251.8
26 to under 39 weeks	99.9	27.6	*3.0	24.3	209.4	364.2
39 to under 52 weeks	358.3	96.5	*2.6	90.1	632.0	1 179.5
52 weeks	2 222.7	139.6	35.0	166.5	1 012.5	3 576.2
Number of employers/businesses during the year						
One	2 378.7	154.7	30.2	184.1	1 755.2	4 502.9
Two	389.8	93.1	10.8	84.5	373.6	951.7
Three	53.3	27.1	*3.3	19.7	67.8	171.1
Four or more	20.9	9.5	**0.4	*6.3	25.7	62.9
Total	2 842.6	284.4	44.7	294.6	2 222.3	5 688.6
• • • • • • • • • • • • • • • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	
	PERS	SONS				
Time worked during the year						
1 to under 13 weeks	188.6	15.7	*2.3	8.1	356.4	571.1
13 to under 26 weeks	155.8	25.0	*2.3	21.4	249.8	454.4
26 to under 39 weeks	254.7	55.6	*5.5	46.8	333.7	696.4
39 to under 52 weeks	1 027.3	267.9	*6.6	162.9	908.8	2 373.5
52 weeks	6 343.1	289.3	54.4	234.3	1 314.0	8 235.0
Number of employers/businesses during the year	6 605 0	250.7	A A =	070 5	0.400.0	0.707.0
One	6 625.2	350.7	44.7 19.4	276.5	2 489.8	9 787.0
Two Three	1 135.9 153.5	216.0 62.1	18.4 7.2	145.4 37.8	527.7 101.2	2 043.3
Four or more	55.0	24.7	**0.8	13.8	101.2 43.9	361.8 138.2
Tour or more	55.0	24.1	0.0	15.6	45.9	130.2
Total	7 969.6	653.5	71.1	473.5	3 162.6	12 330.3

should be used with caution

estimate has a relative standard error of 25% to 50% and ** estimate has a relative standard error greater than 50% and is considered too unreliable for general use



PERSONS WHO LOOKED FOR WORK AT SOME TIME DURING THE YEAR, Selected labour force characteristics—By age group—By sex

	AGE GROUP (YEARS)							
		15–19	20-24	25–34	35–44	45–54	55 and over	Total
• • • • • • • • • • • • • • • • • • • •	• • • • •	MALES	• • • • •		• • • • •	• • • • •		• • • • • • •
Time spent looking for work during the year								
1 to under 4 weeks	'000	30.4	26.5	31.2	18.4	16.1	11.7	134.4
4 to under 13 weeks	'000	68.4	64.3	90.6	50.1	39.4	27.1	339.9
13 to under 26 weeks	'000	26.7	28.9	40.7	31.6	24.7	16.7	169.3
26 to under 39 weeks	'000	21.0	18.0	20.8	16.8	10.3	13.2	100.1
39 to under 52 weeks	'000	13.2	17.9	19.9	11.2	13.0	7.5	82.7
52 weeks	'000	8.7	14.2	15.7	15.1	12.4	14.4	80.5
Number of spells of looking for work during the year								
One	'000	129.0	133.5	168.3	96.9	80.1	65.3	673.2
Two	'000	15.0	14.6	24.9	24.5	19.3	12.4	110.8
Three	'000	14.6	10.7	11.0	11.9	10.5	7.0	65.7
Four or more	'000	9.9	10.9	14.7	9.9	*5.9	*5.8	57.1
Time worked during the year								
Worked at some time during the year	'000	82.9	121.1	185.2	117.3	95.8	66.9	669.3
1 to under 4 weeks	'000	7.3	*4.7	*4.7	*3.7	*2.7	**1.2	24.1
4 to under 13 weeks	'000	16.9	10.2	17.5	8.6	12.0	*6.6	71.8
13 to under 26 weeks	'000	19.6	19.1	23.9	15.4	7.1	9.4	94.6
26 to under 39 weeks	'000	22.6	26.7	43.4	31.4	22.6	18.7	165.3
39 to under 52 weeks	'000	16.5	60.4	95.8	58.4	51.4	31.0	313.5
Worked for none of the year	'000	85.5	48.6	33.7	25.8	20.1	23.7	237.5
Total	'000	168.5	169.7	219.0	143.1	115.9	90.6	906.8
Mean duration of time spent looking for work Median duration of time spent looking for work	wks wks	15.8 10	18.1 12	17.1 11	19.1 13	19.7 13	21.6 16	18.2 12
	FI	EMALES	;					
Time spent looking for work during the year								
1 to under 4 weeks	'000	32.5	23.6	33.8	30.6	17.9	7.5	145.9
4 to under 13 weeks	'000	77.0	53.2	68.1	45.4	42.7	13.1	299.4
13 to under 26 weeks	'000	23.1	23.3	31.0	25.6	23.6	8.5	135.3
26 to under 39 weeks	'000	17.3	15.6	20.8	21.9	14.1	*6.7	96.4
39 to under 52 weeks	'000	10.3	8.2	12.8	11.5	10.7	*5.0	58.5
52 weeks	'000	9.9	6.9	9.1	12.3	16.6	8.6	63.4
Number of spells of looking for work during the year								
One	'000	131.4	100.8	134.7	110.6	95.8	36.0	609.4
Two	'000	16.1	8.1	18.3	16.4	14.1	*5.9	79.0
Three	'000	12.3	15.5	13.4	11.7	*6.8	*5.2	64.9
Four or more	'000	10.2	*6.3	9.1	8.5	9.0	*2.4	45.6
Time worked during the year								
Worked at some time during the year	'000	87.8	94.9	122.5	91.1	78.3	26.0	500.4
1 to under 4 weeks	'000	*6.3	*3.3	7.9	*4.9	*4.2	**1.3	27.9
4 to under 13 weeks	'000	21.7	11.7	9.8	10.2	9.2	*5.9	68.5
13 to under 26 weeks	'000	15.9	12.9	19.0	19.5	11.1	*2.6	81.1
26 to under 39 weeks	'000	16.9	25.7	30.8	19.6	19.8	7.9	120.7
39 to under 52 weeks	'000	27.0	41.3	54.9	36.9	34.1	8.2	202.3
Worked for none of the year	'000	82.2	35.9	53.2	56.2	47.3	23.6	298.4
Total	'000	170.0	130.7	175.7	147.3	125.6	49.5	798.8
Mean duration of time spent looking for work	wks	14.6	15.2	15.3	17.6	19.7	22.8	16.7
Median duration of time spent looking for work	wks	8	10	10	12	13	17	10

should be used with caution

estimate has a relative standard error of 25% to 50% and ** estimate has a relative standard error greater than 50% and is considered too unreliable for general use



PERSONS WHO LOOKED FOR WORK AT SOME TIME DURING THE YEAR, Selected labour force characteristics—By age group—By sex continued

		AGE GROUP (YEARS)						
		15–19	20-24	25–34	35–44	45–54	55 and over	Total
	PE	ERSONS	· • • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • • •
Time spent looking for work during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks	1000 1000 1000	62.9 145.4 49.9	50.1 117.5 52.2	65.0 158.7 71.7	49.0 95.4 57.2	34.1 82.0 48.3	19.3 40.2 25.2	280.2 639.3 304.5
26 to under 39 weeks 39 to under 52 weeks 52 weeks	'000 '000	38.3 23.4 18.6	33.5 26.1 21.1	41.6 32.7 24.8	38.7 22.7 27.4	24.5 23.7 29.0	19.8 12.6 23.0	196.5 141.3 143.9
Number of spells of looking for work during the year One Two Three Four or more	1000 1000 1000 1000	260.4 31.1 26.9 20.1	234.3 22.7 26.2 17.2	303.1 43.3 24.5 23.8	207.5 40.9 23.6 18.4	176.0 33.4 17.3 14.9	101.3 18.3 12.2 8.2	1 282.6 189.7 130.7 102.7
Time worked during the year Worked at some time during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks	1000 1000 1000 1000 1000	170.7 13.5 38.6 35.6 39.5 43.6	216.0 7.9 21.8 32.1 52.4 101.7	307.7 12.6 27.4 42.9 74.1 150.7	208.4 8.6 18.8 34.9 51.0 95.2	174.1 6.9 21.1 18.2 42.4 85.4	92.8 *2.5 12.5 12.0 26.6 39.2	1 169.8 52.0 140.2 175.7 285.9 515.9
Worked for none of the year	'000	167.8	84.5	86.9	82.0	67.4	47.3	535.9
Total	'000	338.5	300.4	394.6	290.4	241.5	140.1	1 705.6
Mean duration of time spent looking for work Median duration of time spent looking for work	wks wks	15.2 9	16.9 10	16.3 10	18.3 13	19.7 13	22.0 16	17.5 12

^{*} estimate has a relative standard error of 25% to 50% and should be used with caution



PERSONS WHO WERE NOT IN THE LABOUR FORCE AT SOME TIME DURING THE YEAR, Main activity when not in the labour force—By time not in the labour force—By sex

TIME NOT IN THE LABOUR	
FORCE DURING THE YEAR	

	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	
	1 to	13 to	26 to	39 to		
	under	under	under	under		
	13	26	39	52	52	
	weeks	weeks	weeks	weeks	weeks	Total
	'000	'000	,000	'000	'000	'000
	MALES	3	• • • • • •	• • • • • •		• • • • • • • •
Main activity when not in the labour force						
Retired or voluntarily inactive	71.7	22.8	21.4	44.5	943.4	1 103.8
Home duties	73.3	16.3	14.9	12.0	121.0	237.5
Caring for children	17.3	*4.0	*5.7	*3.5	16.2	46.6
Attended an educational institution	82.7	55.0	100.6	170.5	318.4	727.2
Own short-term illness or injury	63.0	17.6	12.3	*4.3	15.7	112.9
Own long-term health condition or disability	11.5	8.8	11.2	17.8	363.7	413.1
Looking after ill or disabled person	7.3	*1.8	*4.3	*5.5	55.7	74.6
Holiday, travel, leisure activities	617.0	48.6	25.4	23.1	96.3	810.4
Worked in an unpaid voluntary job	*5.9	*2.8	*2.3	*3.6	30.0	44.5
Other	67.3	13.8	14.1	9.7	20.7	125.5
Total	1 017.0	191.5	212.1	294.5	1 981.0	3 696.1
•••••			• • • • • •	• • • • • •	• • • • • •	• • • • • • • •
	FEMALE	S				
Main activity when not in the labour force						
Retired or voluntarily inactive	40.9	9.9	10.6	22.8	982.7	1 066.8
Home duties	172.3	64.5	81.3	111.5	912.6	1 342.1
Caring for children	86.7	58.1	72.1	68.3	272.8	558.1
Attended an educational institution	111.7	58.6	102.8	177.0	307.4	757.4
Own short-term illness or injury	70.9	10.8	9.2	*3.9	21.5	116.4
Own long-term health condition or disability	11.7	*4.9	*5.8	12.6	281.7	316.7
Looking after ill or disabled person	17.8	*5.0	*5.4	8.4	117.0	153.6
Holiday, travel, leisure activities	535.9	34.3	20.3	16.5	94.5	701.5
Worked in an unpaid voluntary job	*6.6	*2.1	*1.8	*3.5	52.1	66.2
Other	38.6	10.2	7.7	8.4	10.7	75.6
Total	1 093.2	258.4	317.1	432.8	3 052.9	5 154.5
	PERSON	IS				
Main activity when not in the labour force						
Retired or voluntarily inactive	112.6	32.8	32.0	67.2	1 926.1	2 170.6
Home duties	245.6	80.8	96.2	123.5	1 033.5	1 579.6
Caring for children	104.0	62.2	77.8	71.7	288.9	604.7
Attended an educational institution	194.4	113.6	203.3	347.5	625.8	1 484.7
Own short-term illness or injury	133.9	28.4	21.5		37.2	229.2
Own long-term health condition or disability	23.2	13.7	17.0	30.4	645.4	729.7
Looking after ill or disabled person	25.1	*6.8	9.7	13.9	172.6	228.2
Holiday, travel, leisure activities	1 152.9	82.9	45.6	39.5	190.9	1 511.9
Worked in an unpaid voluntary job	12.5	*4.8	*4.1	7.1	82.1	110.7
Other	105.9	24.0	21.8	18.1	31.4	201.2
Total	2 110.2	449.9	529.2	727.3	5 033.9	8 850.5

estimate has a relative standard error of 25% to 50% and should be used with caution



${\tt POPULATIONS,\ State\ or\ territory\ of\ usual\ residence-By\ sex}$

• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • •	• • • • •	• • • • • •		
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.		
	'000	'000	'000	'000	'000	'000	'000	'000	'000		
	• • • • • • •	MALES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • •		
Population 1 All Persons	2 868.2	2 219.7	1 763.9	658.2	931.8	198.7	78.9	140.8	8 860.1		
Population 2 Persons in the labour force at some time during the year ending February 2011	2 175.5	1 751.0	1 378.0	493.7	752.8	143.8	66.5	117.9	6 879.1		
Population 3 Persons who worked at some time during the year ending February 2011	2 096.8	1 684.9	1 334.2	474.0	735.0	137.4	65.7	113.8	6 641.7		
Population 4 Persons who looked for work at some time during the year ending February 2011	287.0	217.2	205.7	67.7	89.8	19.9	5.6	14.0	906.8		
Population 5 Persons who were not in the labour force at some time during the year ending February 2011	1 191.1	914.4	751.7	297.9	365.2	90.7	27.5	57.6	3 696.1		
FEMALES											
Population 1 All Persons	2 956.9	2 276.9	1 796.1	678.5	902.9	205.2	77.9	145.6	9 040.0		
Population 2 Persons in the labour force at some time during the year ending February 2011	1 897.5	1 507.0	1 234.9	435.7	609.8	131.1	60.6	110.4	5 987.0		
Population 3 Persons who worked at some time during the year ending February 2011	1 795.7	1 425.6	1 175.4	412.6	589.8	124.2	58.8	106.6	5 688.6		
Population 4 Persons who looked for work at some time during the year ending February 2011	260.6	197.6	173.2	59.2	72.4	18.9	5.7	11.4	798.8		
Population 5 Persons who were not in the labour force at some time during the year ending February 2011	1 712.4	1 306.8	1 002.1	398.6	503.3	124.5	35.6	71.1	5 154.5		
	• • • • • • •	PERSON	s	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •		
Population 1 All Persons	5 825.1	4 496.7	3 560.1	1 336.7	1 834.6	403.9	156.8	286.4	17 900.1		
Population 2 Persons in the labour force at some time during the year ending February 2011	4 073.0	3 258.0	2 612.9	929.4	1 362.6	274.9	127.0	228.3	12 866.2		
Population 3 Persons who worked at some time during the year ending February 2011	3 892.5	3 110.5	2 509.6	886.5	1 324.8	261.5	124.5	220.3	12 330.3		
Population 4 Persons who looked for work at some time during the year ending February 2011	547.5	414.8	378.9	126.9	162.1	38.8	11.3	25.4	1 705.6		
Population 5 Persons who were not in the labour force at some time during the year ending February 2011	2 903.5	2 221.2	1 753.8	696.6	868.5	215.1	63.1	128.7	8 850.5		

EXPLANATORY NOTES

INTRODUCTION

- 1 The statistics in this publication were compiled from data collected in the Labour Force Experience Survey conducted throughout Australia in February 2011 as a supplement to the Australian Bureau of Statistics (ABS) monthly Labour Force Survey (LFS). Respondents to the LFS who fell within the scope of the supplementary survey were asked further questions.
- **2** The publication *Labour Force*, *Australia* (cat. no. 6202.0) contains information about survey design, sample redesign, scope, coverage and population benchmarks relevant to the monthly LFS, which also applies to supplementary surveys. It also contains definitions of demographic and labour force characteristics, and information about telephone interviewing which are relevant to both the monthly LFS and supplementary surveys.

CONCEPTS, SOURCES AND METHODS

3 The conceptual framework used in Australia's LFS aligns closely with the standards and guidelines set out in Resolutions of the International Conference of Labour Statisticians. Descriptions of the underlying concepts and structure of Australia's labour force statistics, and the sources and methods used in compiling these estimates, are presented in Labour Statistics: Concepts, Sources and Methods (cat. no. 6102.0.55.001).

SCOPE

- 4 The scope of the LFS is restricted to persons aged 15 years and over and excludes the following persons:
 - members of the permanent defence forces;
 - certain diplomatic personnel of overseas governments, customarily excluded from the Census and estimated populations;
 - overseas residents in Australia; and
 - members of non-Australian defence forces (and their dependants).
- **5** Students at boarding schools, patients in hospitals, residents of homes (e.g. retirement homes, homes for persons with disabilities), and inmates of prisons are excluded from all supplementary surveys.
- 6 This supplementary survey was conducted in both urban and rural areas in all states and territories, but excluded persons living in Indigenous communities in very remote parts of Australia. Visitors to private dwellings are also excluded from this survey.
- 7 The estimates in this publication relate to persons covered by the survey in February 2011. In the LFS, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection

in the survey. See Labour Force, Australia (cat. no. 6202.0) for more details.

- 8 Supplementary surveys are not conducted on the full LFS sample. Since August 1994 the sample for supplementary surveys has been restricted to no more than seven-eighths of the LFS sample.
- **9** The LFS sample size in February 2011 was approximately 33% larger than the sample size in February 2009. This is due to the re-instatement of sample that was reduced from the LFS and supplementary surveys from July 2008 to November 2009. Detailed information about the sample re-instatement is provided in Information Paper: Labour Force Survey Sample Design, Nov 2007 (Third edition) (cat. no. 6269.0).
- **10** The initial sample for the February 2011 LFS consisted of 36,250 private dwelling households and special dwelling units. Of the 29,124 private dwelling households and special dwelling units that remained in the survey after sample loss (e.g. households selected in the survey which had no residents in scope for the LFS, vacant or derelict dwellings and dwellings under construction), approximately 27,792 or 95.4%, were fully responding to the Labour Force Experience Survey. The number of completed interviews obtained from these private dwellings and special dwelling units (after taking into account scope and coverage exclusions) was 47,377.

COVERAGE

SAMPLE SIZE

EXPLANATORY NOTES continued

RELIABILITY OF THE ESTIMATES

- **11** Estimates in this publication are subject to sampling and non-sampling errors:
 - Sampling error is the difference between the published estimate and the value that would have been produced if all dwellings had been included in the survey. For more information see the Technical Note.
 - Non-sampling errors are inaccuracies that occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or 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 processing procedures.

SEASONAL FACTORS

12 The estimates are based on information collected in the survey month (February) and, due to seasonal factors, may not be representative of other months of the year.

CLASSIFICATIONS USED

- **13** Country of birth data are classified according to the *Standard Australian Classification of Countries (SACC), Second Edition, 2008* (cat. no. 1269.0).
- **14** Occupation data are classified according to the *ANZSCO—Australian and New Zealand Standard Classifications of Occupations, First Edition, Revision 1* (cat. no. 1220.0).
- **15** Industry data are classified according to *Australian and New Zealand Standard Industrial Classification (ANZSIC)*, 2006 (Revision 1.0) (cat. no. 1292.0).

COMPARABILITY OF TIME SERIES

16 The Labour Force Survey estimates, and estimates from the supplementary surveys, are calculated in such a way as to sum to independent estimates of the civilian population aged 15 years and over (population benchmarks). These population benchmarks are based on Estimated Resident Population (ERP) data. Generally, revisions are made to population benchmarks after each five-yearly Census of Population and Housing (Census); however, in the second half of 2010, revisions were applied to population benchmarks, including those used for the 2011 Labour Force Experience Survey, to take into account more up to date information about Net Overseas Migration (a component of the ERP). For more details on population benchmarks, see the Explanatory Notes in *Labour Force, Australia* (cat. no. 6202.0), and for details about the revisions made, see the article in the September 2010 issue of *Labour Force, Australia* (cat. no. 6202.0).

COMPARABILITY WITH
MONTHLY LFS STATISTICS

17 Due to differences in the scope and sample size of this supplementary survey and that of the monthly LFS, the estimation procedure may lead to some small variations between labour force estimates from this survey and those from the LFS.

PREVIOUS SURVEYS

18 Results of similar surveys, conducted in February 1969, 1973, 1975, 1976, 1977, annually from February 1979 to February 1989, annually from March 1990 to March 1994, and biennially in February from 1995, have been given in previous issues of the publication *Labour Force Experience*, *Australia* (cat. no. 6206.0) and the Standard Data Service *Labour Force Experience on Hardcopy*, *Australia* (cat. no. 6206.0.40.001).

ACKNOWLEDGEMENT

19 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

EXPLANATORY NOTES continued

RELATED PUBLICATIONS

- **20** ABS publications which may also be of interest include:
 - Career Experience, Australia (cat. no. 6254.0);
 - Job Search Experience, Australia (cat. no. 6222.0);
 - Labour Force, Australia (cat. no. 6202.0);
 - Labour Mobility, Australia (cat. no. 6209.0);
 - Labour Statistics: Concepts, Sources and Methods (cat. no. 6102.0.55.001);
 - Persons Not in the Labour Force, Australia (cat. no. 6220.0); and
 - Australian Labour Market Statistics (cat. no. 6105.0).
- **21** Current publications and other products released by the ABS are available from the *Statistics* page on the ABS website. The ABS also issues a daily Release Advice on the website which details products to be released in the week ahead.

ABBREVIATIONS

'000 thousand

ABS Australian Bureau of Statistics

ANZSCO Australian and New Zealand Standard Classification of Occupations

ANZSIC Australian and New Zealand Standard Industrial Classification

cat. no. Catalogue number

ERP estimated resident population

LFS Labour Force Survey

RSE relative standard error

SACC Standard Australian Classification of Countries

SE standard error

wks weeks

APPENDIX 1 POPULATIONS AND DATA ITEMS LIST

DATA AVAILABLE ON REQUEST

Population 4

Population 5

The ABS has a range of data available on request from the Labour Force Experience Survey. This section lists the data items and populations which relate to the survey. More detailed breakdowns of some data items may also be available on request.

The population(s) for a particular data item refers to the persons in the survey to whom the data relates. Where alternative output categories are available for the same data item, these are shown and the data item name is followed by a bracketed numeral (e.g. Country of birth (2)).

For more information about the ABS data available on request, contact Client Services Section in Canberra on (02) 6252 7400, or via email <information.consultancy@abs.gov.au>.

Population 1 All persons

Population 2 Persons in the labour force at some time during the year ending February 2011

Population 3 Persons who worked at some time during the year ending February 2011

Persons who looked for work at some time during the year ending February 2011

Persons who were not in the labour force at some time during the year ending February

Data items Populations ΑII

ΑII

State or territory of usual residence

New South Wales

Victoria

Oueensland

South Australia

Western Australia

Tasmania

2

5

Northern Territory

Australian Capital Territory

Area of usual residence

State capital city

Balance of state/territory

Region of usual residence 3 ΑII

Standard labour force dissemination regions

Sex ΑII

Males Females

Marital status ΑII

Married Not married

Relationship in household

Family member

Husband, wife or partner

With dependants

Without dependants

Lone Parent

With dependants

Without dependants

Dependent student

Non-dependent child

Other related individual

Non-family member

Lone person

Not living alone

Populations Data items Relationship in household cont. ΑII Relationship not determined 7A Country of birth and period of arrival ΑII Born in Australia Born overseas Arrived before 1971 Arrived 1971-1980 Arrived 1981-1990 Arrived 1991-2000 Arrived 2001 to survey date 7B Country of birth (1) ΑII Born in Australia Born overseas Born in main English-speaking countries Born in other than main English-speaking countries 7C Country of birth (2) ΑII Born in Australia Born overseas Oceania and Antarctica North-West Europe Southern and Eastern Europe North Africa and the Middle East South-East Asia North-East Asia Southern and Central Asia Americas Sub-Saharan Africa Age group (years) ΑII 15–19 20-24 25-34 35-44 45-54 55-59 60-64 65 and over Note: Age collected in single years Labour force status at February 2011 ΑII In the labour force Working Looking for work Not in the labour force 10 Status in employment at February 2011 ΑII Working at February 2011 **Employee** Employer Own account worker Contributing family worker Not working at February 2011 11 Full-time or part-time status at February 2011 Working at February 2011 Full-time Part-time Not working at February 2011

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Populations Data items 12 Industry at February 2011 ΑII Working at February 2011 Agriculture, forestry and fishing Mining Manufacturing Electricity, gas, water and waste supply Construction Wholesale trade Retail trade Accommodation and food services Transport, postal and warehousing Information media and telecommunications Financial and insurance services Rental, hiring and real estate services Professional, scientific and technical services Administrative and support services Public administration and safety Education and training Health care and social assistance Arts and recreation services Other services Not working at February 2011 13 Occupation at February 2011 All Working at February 2011 Managers Professionals Associated professionals Technicians and trades workers Advanced clerical and service workers Community and personal service workers Clerical and administrative workers Sales workers Machinery operators and drivers Labourers Not working at February 2011 14 Time in the labour force during the year All In the labour force during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks 52 weeks Not in the labour force all year 15 Time worked during the year All Worked at some time during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks 52 weeks Worked for none of the year 16 Time not in the labour force during the year ΑII Not in the labour force at some time during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks 52 weeks In the labour force for whole year

Populations Data items 17 Number of employers/ businesses during the year ΑII None One Two Three Four or more 18 Full-time or part-time status of time worked during the year Worked at some time during the year All full-time More full-time than part-time Full-time same as part-time More part-time than full-time All part-time Worked for none of the year 19 Time spent looking for work during the year All Looked for work at some time during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks 52 weeks Did not look for work during the year 20 Number of spells of looking for work during the year ΑII None One Two Three Four or more 21 Main activity when not in the labour force Not in the labour force at some time during the year Retired or voluntarily inactive Home duties Caring for children Attended an educational institution Own short-term illness or injury Own long-term health condition or disability Looking after ill or disabled person Holiday, travel or leisure activities Worked in an unpaid voluntary job Other In the labour force for whole year 22 Whether in the labour force at some time during the year ΑII In the labour force at some time during the year For whole year For part of year Not in the labour force all year 23 Whether looked for work at some time during the year ΑII Looked for work at some time during the year For whole year For part of year Did not look for work during the year 24 Whether worked at some time during the year ΑII Worked at some time during the year For whole year For part of year Worked for none of the year

Populations Data items 25 Time worked part-time during the year ΑII Worked part-time at some time during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks 52 weeks Did not work part-time during the year 26 Time worked full-time during the year ΑII Worked full-time at some time during the year 1 to under 4 weeks 4 to under 13 weeks 13 to under 26 weeks 26 to under 39 weeks 39 to under 52 weeks 52 weeks Did not work full-time during the year 27 Whether had an unpaid absence from work during the year ΑII Working at February 2011 With current employer for one year or more Had an unpaid absence from work Did not have an unpaid absence from work With current employer for less than one year Had an unpaid absence from work Did not have an unpaid absence from work Not working at February 2011 28 Time worked with current employer/business ΑII Working at February 2011 Under 12 months Under 3 months 3 to under 6 months 6 to under 9 months 9 to under 12 months 1 to under 2 years 2 to under 3 years 3 to under 5 years 5 to under 10 years 10 years and over 10 to under 20 years 20 years and over

Not working at February 2011

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APPENDIX 2 SUPPLEMENTARY SURVEYS

SUPPLEMENTARY SURVEYS

The Monthly Population Survey program collects data on particular aspects of the labour force. The following is an historical list of supplementary surveys to the monthly Labour Force Survey. Data from these surveys are available on request and can be obtained by contacting the ABS.

	cat. no.	Frequency	Latest issue
Monthly Population Supplementary Surveys			
Characteristics of Recent Migrants, Australia(a)	6250.0	Irregular	November 2010
Child Care, Australia	4402.0	Irregular	June 2008 (Reissue)
Child Employment, Australia	6211.0	Irregular	June 2006
Education and Work, Australia	6227.0	Annual	May 2010
Employee Earnings, Benefits, and Trade Union Membership, Australia	6310.0	Annual	August 2010
Forms of Employment, Australia	6359.0	Annual	November 2010
Job Search Experience, Australia	6222.0	Annual	July 2010
Labour Force Experience, Australia	6206.0	Biennial	February 2011
Labour Mobility, Australia	6209.0	Biennial	February 2010
Locations of Work, Australia	6275.0	Irregular	November 2008
Multiple Jobholding, Australia(b)	6216.0	Irregular	August 1997
Persons Not in the Labour Force, Australia	6220.0	Annual	September 2010
Underemployed Workers, Australia	6265.0	Annual	September 2010
Working Time Arrangements, Australia(c)	6342.0	Irregular	November 2009
Multi-Purpose Household Surveys			
Barriers and Incentives to Labour Force Participation, Australia	6239.0	Biennial	2008-2009
Retirement and Retirement Intentions, Australia	6238.0	Biennial	2008-2009
Work-Related Injuries, Australia	6324.0	Irregular	2009–2010

⁽a) This product replaces the publication Labour Force Status and Other Characteristics of Recent Migrants, Australia (cat. (c) This product replaces the publication Working Arrangements, no. 6250.0).

⁽b) Latest data available on request July 2001.

Australia (cat. no. 6342.0).

TECHNICAL NOTE DATA QUALITY

INTRODUCTION

- 1 Since estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability. That is, they may differ from those estimates that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three (67%) that a sample estimate will differ by less than one SE from the number that would have been obtained if all dwellings had been included, and about 19 chances in 20 (95%) that the difference will be less than two SEs. Another measure of the likely difference is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate.
- **2** Due to space limitations, it is impractical to print the SE of each estimate in the publication. Instead, a table of SEs is provided to enable readers to determine the SE for an estimate from the size of that estimate (see table T1). The SE table is derived from a mathematical model, referred to as the 'SE model', which is created using data from a number of past Labour Force Surveys. It should be noted that the SE model only gives an approximate value for the SE for any particular estimate, since there is some minor variation between SEs for different estimates of the same size.
- **3** The LFS sample size in February 2011 was approximately one-third higher than the sample size in February 2009. This is due to re-instatement of sample that was reduced from the LFS and supplementary surveys from July 2008 to November 2009. Detailed information about the sample re-instatement is provided in *Information Paper: Labour Force Survey Sample Design, Nov 2007 (Third edition)* (cat. no. 6269.0).

CALCULATION OF STANDARD ERRORS

4 An example of the calculation and the use of SEs in relation to estimates of persons is as follows. Table 1 shows that the estimated number of persons aged 15 years and over in the labour force for part of the year was 3,816,600. Since this estimate is between 2,000,000 and 5,000,000, table T1 shows that the SE for Australia will be between 17,050 and 28,450 and can be approximated by interpolation using the following general formula:

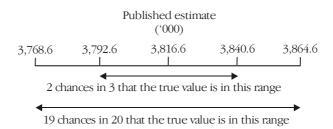
$$= lower SE + \left(\left(\frac{size \ of \ estimate - lower \ estimate}{upper \ estimate - lower \ estimate} \right) \times (upper \ SE - lower \ SE) \right)$$

$$= 17,050 + \left(\left(\frac{3,816,600 - 2,000,000}{5,000,000 - 2,000,000} \right) \times (28,450 - 17,050) \right)$$

= 24,000 (rounded to the nearest 100)

SE of estimate

5 There are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 3,792,600 to 3,840,600, and about 19 chances in 20 that the value will fall within the range 3,768,600 to 3,864,600. This example is illustrated in the diagram below:



TECHNICAL NOTE DATA QUALITY continued

CALCULATION OF STANDARD ERRORS continued

6 In general, the size of the SE increases as the size of the estimate increases. Conversely, the RSE decreases as the size of the estimate increases. Very small estimates are thus subject to such high RSEs that their value for most practical purposes is unreliable. In the tables in this publication, only estimates with RSEs of 25% or less are considered reliable for most purposes. Estimates with RSEs greater than 25% but less than or equal to 50% are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high SEs and should be used with caution. Estimates with RSEs of greater than 50%, preceded by a double asterisk (e.g. **0.3), are considered too unreliable for general use and should only be used to aggregate with other estimates to provide derived estimates with RSEs of less than 25%. Table T2 presents the levels at which estimates have RSEs of 25% and 50%.

MEANS AND MEDIANS

- **7** The RSEs of estimates of mean and median duration of time spent looking for work are obtained by first finding the RSE of the estimate of the total number of persons contributing to the estimate (see table T1) and then multiplying the resulting number by the following factors:
 - mean duration of time spent looking for work (weeks): 0.93
 - median duration of time spent looking for work (weeks): 1.04
- **8** The following is an example of the calculation of SEs where the use of a factor is required. Table 7 shows that the estimated number of males aged 15 years and over who looked for work at some time during the year was 906,800 with a median duration of time spent looking for work of 12 weeks. The SE of 906,800 can be calculated from table T1 (by interpolation) as 11,100. To convert this to an RSE we express the SE as a percentage of the estimate, or 11,100/906,800 = 1.2%.
- **9** The RSE of the estimate of median duration of time spent looking for work for males aged 15 years and over is calculated by multiplying this number (1.2%) by the appropriate factor shown in paragraph 7 (in this case 1.04): $1.2 \times 1.04 = 1.2\%$. The approximate SE of this estimate of median duration of time spent looking for work for males aged 15 years and over is therefore 1.2% of 12 weeks, i.e. about 0.1 weeks. Therefore, there are two chances in three that the median duration of time spent looking for work for males aged 15 years and over that would have been obtained if all dwellings had been included in the survey would have been within the range 11.9 weeks to 12.1 weeks, and about 19 chances in 20 that it would have been within the range 11.8 weeks to 12.2 weeks.
- **10** Mean and median estimates produced from population estimates smaller than the values in T2 have RSEs larger than 25% and should be used with caution. Table T2 also indicates the size of population estimates that would produce means and medians with RSEs greater than 50%, which are considered too unreliable for general use.

TECHNICAL NOTE DATA QUALITY continued

PROPORTIONS AND PERCENTAGES

11 Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the RSE of a proportion is given below. This formula is only valid when x is a subset of y: $RSE\left(\frac{x}{v}\right) = \sqrt{\left[RSE(x)\right]^2 - \left[RSE(y)\right]^2}$

12 Considering the example above, of the 3,816,600 persons aged 15 years and over in the labour force for part of the year, 499,000, or 13.1%, looked for work at some time during the year. The SE of 499,000, may be calculated by interpolation as 8,300. To convert this to an RSE we express the SE as a percentage of the estimate, or 8,300/499,000 = 1.7%. The SE for 3,816,600 was calculated previously as 24,000, which converted to an RSE is 24,000/3,816,600 = 0.6%. Applying the above formula, the RSE of the proportion is:

 $RSE = \sqrt{(1.7)^2 - (0.6)^2} = 1.6\%$

- **13** The SE for the proportion, 13.1%, of persons aged 15 years and over who looked for work at some time during the year is 0.2 percentage points, calculated as (13.1/100)x1.6. There are about two chances in three that the proportion of persons aged 15 years and over who looked for work at some time during the year is between 12.9% and 13.3%, and 19 chances in 20 that the proportion is within the range 12.7% to 13.5%.
- **14** Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their SEs and the relationship (correlation) between them. An approximate SE of the difference between two estimates (x-y) may be calculated by the following formula: $SE(x-y) = \sqrt{[SE(x)]^2 + [SE(y)]^2}$
- **15** While this formula will only be exact for differences between separate and uncorrelated characteristics or subpopulations, it is expected to provide a good approximation for all differences likely to be of interest in this publication.

DIFFERENCES

TECHNICAL NOTE DATA QUALITY continued

STANDARD ERRORS

T1 STANDARD ERRORS OF ESTIMATES

									AUST.	
Size of estimate	NSW	Vic.	Qld.	SA	WA	Tas.	NT	ACT	SE	RSE
(persons)	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	290	290	220	180	220	110	80	100	110	110.0
200	400	380	320	240	290	160	120	170	190	95.0
300	470	440	390	280	340	190	150	210	260	86.7
500	580	540	500	340	420	240	190	270	380	76.0
700	660	620	580	390	480	270	230	300	480	68.6
1,000	760	710	680	450	550	310	260	330	610	61.0
1,500	900	830	810	530	640	360	310	360	780	52.0
2,000	1 010	930	910	590	710	390	340	390	920	46.0
2,500	1 100	1 000	1 000	650	800	400	350	400	1 050	42.0
3,000	1 200	1 100	1 050	700	850	450	400	450	1 150	38.3
3,500	1 250	1 150	1 100	700	900	450	400	450	1 250	35.7
4,000	1 300	1 200	1 200	750	900	500	450	450	1 350	33.8
5,000	1 450	1 300	1 250	800	1 000	500	450	500	1 500	30.0
7,000	1 650	1 500	1 450	900	1 150	600	550	600	1 700	24.3
10,000	1 850	1 700	1 600	1 050	1 300	700	700	700	2 000	20.0
15,000	2 150	1 950	1 800	1 200	1 500	850	1 000	850	2 350	15.7
20,000	2 400	2 200	1 950	1 350	1 650	1 000	1 250	1 000	2 550	12.8
30,000	2 800	2 550	2 250	1 550	1 900	1 250	1 750	1 250	2 900	9.7
40,000	3 100	2 800	2 500	1 800	2 100	1 500	2 250	1 500	3 150	7.9
50,000	3 350	3 050	2 750	2 000	2 300	1 700	2 650	1 650	3 400	6.8
100,000	4 250	4 000	3 750	3 000	3 400	2 400	4 650	2 250	4 300	4.3
150,000	5 000	4 850	4 600	3 850	4 450	2 850	6 350	2 500	5 000	3.3
200,000	5 750	5 650	5 400	4 550	5 350	3 200	7 950	2 650	5 600	2.8
300,000	7 250	7 250	6 850	5 550	6 750	3 700	10 850	2 800	6 650	2.2
500,000	10 150	10 050	9 250	7 000	8 600	4 250		2 800	8 350	1.7
1,000,000	15 100	15 250	13 200	8 900	10 950	4 850			11 750	1.2
2,000,000	20 350	22 550	17 700	10 600	12 700				17 050	0.9
5,000,000	25 900	36 100	23 900	11 900	13 250				28 450	0.6
10,000,000	27 750	49 750	27 950						37 950	0.4
15,000,000									42 850	0.3
20,000,000									45 650	0.2

^{..} not applicable

T2 POPULATION LEVELS AT WHICH ESTIMATES HAVE RSES OF 25% AND 50%

	NSW	Vic.	Qld.	SA	WA	Tas.	NT	ACT	Australia	
	no.	no.	no.	no.	no.	no.	no.	no.	no.	
• • • • • • • • • • • • • • • • • • • •		• • • • • •		• • • • • •	• • • • • •	• • • • •	• • • • • •		• • • • • •	
		25%	RSE							
Mean duration of time spent looking for work	5 600	5 000	4 000	1 900	3 000	1 100	400	1 300	5 900	
Median duration of time spent looking for work	6 300	5 500	5 100	2 500	3 800	1 400	700	1 500	7 200	
All other estimates	6 300	5 400	5 100	2 600	3 500	1 400	1 100	1 400	6 800	
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •		• • • • • •	
		50%	RSE							
Mean duration of time spent looking for work	1 800	1 600	1 300	600	1 000	300	100	500	1 400	
Median duration of time spent looking for work	2 000	1 800	1 700	800	1 200	400	200	600	1 800	
All other estimates	2 000	1 800	1 700	800	1 200	500	300	600	1 600	

GLOSSARY

Born in Australia

Includes persons born in Australia, Norfolk Island and Australian External Territories.

Employed

Persons aged 15 years and over who, during the reference week:

- worked for one hour or more for pay, profit, commission or payment in kind, in a job
 or business or on a farm (comprising employees, employers and own account
 workers); or
- worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or
- were employees who had a job but were not at work and were:
 - away from work for less than four weeks up to the end of the reference week;
 - away from work for more than four weeks up to the end of the reference week and received pay for some or all of the four week period to the end of the reference week;
 - away from work as a standard work or shift arrangement;
 - on strike or locked out;
 - on workers' compensation and expected to return to their job; or
- were employers or own account workers who had a job, business or farm, but were not at work.

Industry of main job

An industry is a group of businesses or organisations that undertake similar economic activities to produce goods and/or services. In this publication, industry of main job refers to ANZSIC Division as classified according to the *Australian and New Zealand Standard Industrial Classification (ANZSIC)*, 2006 (Revision 1.0) (cat. no. 1292.0).

In the labour force at some time during the year

Persons who had worked or looked for work for one week or more during the year. Note that the specific criteria used to determine whether persons were employed or actively looked for work, according to the LFS, were not applied.

In the labour force for the whole year

Persons who had either worked or looked for work every week for the whole year. Note that the specific criteria used to determine whether persons were employed or actively looked for work, according to the LFS, were not applied.

In the labour force for part of the year

Persons who had either worked or looked for work for one week or more during the year, but had some weeks when neither activity was undertaken. Note that the specific criteria used to determine whether persons were employed or actively looked for work, according to the LFS, were not applied.

Looked for work at some time during the year

Persons who looked for work for one week or more during the year. Note that the specific criteria used to determine whether persons actively looked for work, according to the LFS, were not applied.

Main English-speaking countries

The list of main English-speaking countries provided here is not an attempt to classify countries on the basis of whether or not English is the predominant or official language of each country. It is a list of the main countries from which Australia receives, or has received, significant numbers of overseas settlers who are likely to speak English. These countries comprise the United Kingdom, the Republic of Ireland, New Zealand, Canada, South Africa and the United States of America.

Main job

The job in which most hours are usually worked.

Mean duration of time spent looking for work

Obtained by dividing the aggregate number of weeks a group has been looking for work by the number of persons in that group.

Median duration of time spent looking for work

The duration which divides persons who looked for work into two equal groups, one comprising of persons whose time spent looking for work during the year is above the median, and the other, persons whose time spent looking is below it.

Non-family member

Persons for whom there is no identified couple relationship, parent-child relationship, or other blood relationship with any of the other usual residents of the household. They may live within a family household, or they may form a non-family household either as a lone person or a group household.

GLOSSARY continued

Not in the labour force at some	
time during the year	

Persons who had neither worked nor looked for work for one week or more during the year. Note that the specific criteria used to determine whether persons were employed or actively looked for work, according to the LFS, were not applied.

Number of employers/businesses during the year

The number of employers/businesses for which persons worked during the year.

Number of spells of looking for work during the year

The number of different periods, including the current period, during which persons were not working but were looking for a job.

Occupation of main job

An occupation is a collection of jobs that are sufficiently similar in their title and tasks, skill level and skill specialisation which are grouped together for the purposes of classification. In this publication, occupation of main job refers to Major Group as defined by the *ANZSCO — Australian Standard Classification of Occupations, First Edition, Revision 1* (cat. no. 1220.0).

Time in the labour force during the year

The total number of weeks persons reported having either worked or looked for work during the previous year. Note that the specific criteria used to determine whether persons were employed or actively looked for work, according to the LFS, were not applied.

Time not in the labour force during the year

The total number of weeks persons reported having neither worked nor looked for work during the previous year. Note that the specific criteria used to determine whether persons were employed or actively looked for work, according to the LFS, were not applied.

Time spent looking for work during the year

The total number of weeks persons spent looking for work, while not working.

Time worked during the year

The total number of weeks persons reported having either worked or been on paid leave. Periods of one week or more on strike or time off without pay are not classified as time worked.

Time worked full time during the year

The total number of weeks persons reported as having either worked or been on paid leave during the year, minus any weeks during the year where they reported working part time.

Time worked part time during the year

The response given by a respondent to the question 'For how many weeks did you work part time?'.

Unemployed

Persons aged 15 years and over who were not employed during the reference week, and:

- had actively looked for full time or part time work at any time in the four weeks up to the end of the reference week and were available for work in the reference week; or
- were waiting to start a new job within four weeks from the end of the reference week and could have started in the reference week if the job had been available then.

Worked

Activity in a job, business or farm, for pay, profit, commission or payment in kind; or any activity in a family business that contributed to the operation of that business although no payment was received. Includes being absent, but on paid leave, from such activity. Note that the specific criteria used to determine whether persons were employed, according to the LFS, were not applied.

Worked at some time during the year

Persons who reported having worked and/or been on paid leave for one week or more during the year.

Worked for part of the year

Persons who reported having worked and/or been on paid leave for part of the year.

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