



OCTOBER 1998

New
Issue

1365.8

PUBLIC TRANSPORT USAGE AND MIGRATION PATTERNS

AUSTRALIAN
CAPITAL
TERRITORY

EMBARGO: 11:30AM (CANBERRA TIME) WED 14 APR 1999

CONTENTS

	<i>page</i>
Notes	2
 CHAPTERS	
1 Public transport usage	3
Main findings	3
List of tables	5
2 Migration patterns	10
Main findings	10
List of tables	12
 ADDITIONAL INFORMATION	
Explanatory notes	19
Technical notes	21
Standard errors	22
Glossary	23

- For more information about these and related statistics, contact Will Blythe on 02 6205 0032 or Zoe Rivers on 02 6207 0286, or refer to the back cover of this publication.

NOTES

ABOUT THIS PUBLICATION This publication contains results from the 1998 Australian Capital Territory (ACT) Supplementary Survey, Public Transport Usage and Migration Patterns, conducted throughout the ACT in October 1998. One aim of the survey was to collect information about public transport use, the particular purposes for that usage, and the frequency of usage by particular groups. The second part of the survey aimed to collect information on why people had moved to their current dwelling, on the nature of that occupancy, and to provide a measure of future intentions for those who intend to move in the near future.

ABBREVIATIONS

ACT Australian Capital Territory
MPS Monthly Population Survey
RSE Relative Standard Error

SYMBOLS AND OTHER USAGES

* subject to sampling variability (between 25% and 50% RSE)
** subject to sampling variability too high for most practical purposes
— nil or rounded to zero

Dalma Jacobs
Regional Director, Australian Capital Territory

CHAPTER 1

MAIN FINDINGS

PUBLIC TRANSPORT USAGE

In October 1998, within the Australian Capital Territory (ACT), about one in three persons (31.7%) reported using public transport in the four weeks prior to the survey. Of the total population in the ACT aged over five (272,248 persons), 86,188 persons reported using public transport.

The usage of public transport is not evenly distributed across age groups. Persons aged over five and under 25 reported a high usage of public transport with 47.3% using public transport in the last four weeks. This high usage of public transport services is not reflected in older age groups. Only 23.9% of persons aged 25 and over reported using public transport. Table 1.1 provides details of public transport usage across four broad age groups.

Of the 86,188 persons who reported using public transport, 73,203 persons (84.9%) reported using ACTION commuter buses, 20.6% reported using a taxi, and only 2.6% reported using other bus services. Table 1.2 provides a detailed breakdown of mode of public transport by age groups. It should be noted that these categories of mode of public transport can involve multiple responses. Persons surveyed, for example, may have reported using both ACTION buses and taxis for transport purposes.

In terms of frequency of usage, 37% of those persons who used ACTION buses in the last four weeks did so at least five days a week, while three out of four persons (74.9%) used the service at least once a week. Of those groups who used the ACTION bus service at least five days a week, the 15–24 year old age group had the highest proportion, with 52.4% using ACTION buses at least five days a week. Table 1.3 provides frequency of usage by four broad age groups.

Three out of every ten persons (30.3%) reporting use of ACTION commuter buses identified travel to school or place of education as their reason for usage. About one in five persons (21.3%) reported using ACTION buses for social purposes. The highest usage in terms of number of trips a week was in those groups who identified work and education as their reason for travel. Of people using ACTION commuter buses for school or educational purposes, 70.9% took six or more trips a week. Of people using ACTION commuter buses for work purposes 61.8% took six or more trips a week. Of people using ACTION commuter buses for social and shopping purposes most people took only one to five trips a week, at 80.9% and 87.6% respectively. Table 1.4 provides more detailed information across different age groups.

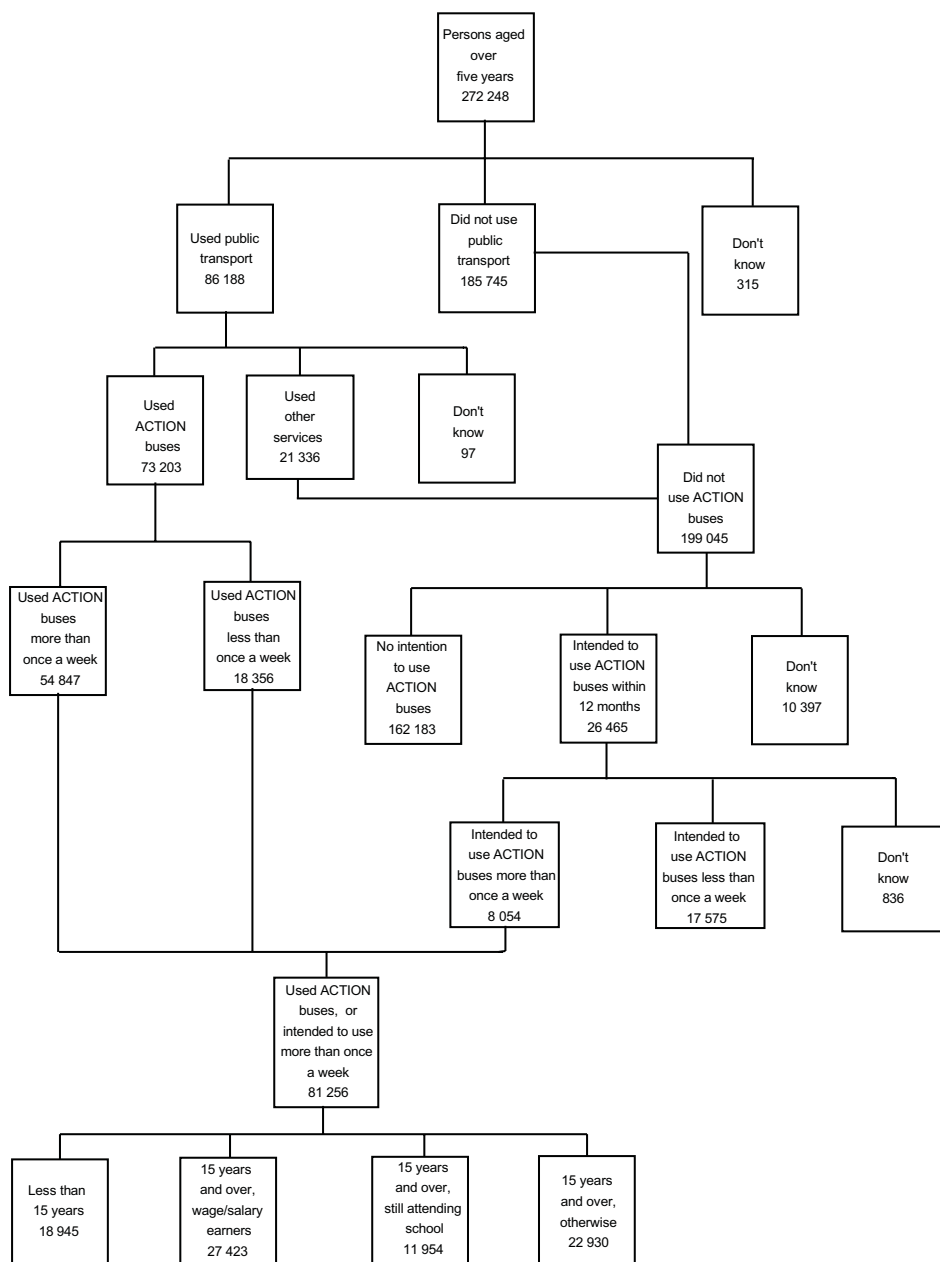
Of those persons who used ACTION buses and reported their working arrangements, about one out of five persons (20%) were engaged in casual employment. Table 1.5 provides detailed disaggregation of frequency of ACTION bus usage for permanent and casual workers by public and private employment.

Two out of three persons (66.4%) who intended to use ACTION buses and had not used these services at the time of the survey anticipated using the service less than once a week. Of the 8,053 persons who identified the reasons for intended use, 4,040 persons (50.2%) identified a change in work or education as the reason. Tables 1.6 and 1.7 provide more detailed information across four broad age groups.

Further disaggregation of the data above is available on request.

The structure of the population referred to in the public transport usage survey are summarised in the following diagram:

DIAGRAM 1 PUBLIC TRANSPORT USAGE (WITHIN LAST FOUR WEEKS) OCTOBER 1998



LIST OF TABLES

Page

1.1	Usage of public transport in the last 4 weeks	6
1.2	Mode of public transport used in the last 4 weeks	6
1.3	Persons who used public transport in the last 4 weeks	7
1.4	Number of trips on ACTION buses	7
1.5	Frequency of ACTION bus usage by working arrangements by employment sector	8
1.6	Frequency of intended use of ACTION buses by age	9
1.7	Reason for intended ACTION bus use by age	9

1.1

USAGE OF PUBLIC TRANSPORT IN THE LAST FOUR WEEKS(a)

Age	Public transport usage							
	Yes		No		Don't know		Total	
	no.	%	no.	%	no.	%	no.	%
5-14 years	17 918	40.7	26 053	59.1	**100	0.2	44 071	100.0
15-24 years	24 720	53.6	21 293	46.2	**117	0.3	46 130	100.0
25-55 years	32 644	23.6	105 596	76.4	—	—	138 240	100.0
55 years and over	10 907	24.9	32 803	74.9	**97	0.2	43 807	100.0
Total	86 188	31.7	185 744	68.2	315	0.1	272 248	100.0

(a) Persons aged five years and over.

1.2

MODE OF PUBLIC TRANSPORT USED IN THE LAST FOUR WEEKS(a)(b)

Age	Mode of transport										Total	
	ACTION commuter buses		Other bus services		Taxi		Other		Don't know			
	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%
5-14 years	16 223	22.2	1 598	72.3	**299	1.7	**98	7.1	—	—	17 918	20.8
15-24 years	22 214	30.3	**204	9.2	5 214	29.4	**117	8.6	—	—	24 720	28.7
25-34 years	9 758	13.3	—	—	4 510	25.4	—	—	—	—	12 707	14.7
35-44 years	8 217	11.2	—	—	2 954	16.6	**108	7.9	—	—	10 297	11.9
45-54 years	7 904	10.8	**103	4.7	2 457	13.8	**302	22.1	—	—	9 639	11.2
55-64 years	3 523	4.8	**110	5.0	*1 058	6.0	*449	32.8	—	—	4 470	5.2
65 years plus	5 364	7.3	**194	8.8	1 267	7.1	**294	21.5	**97	100.0	6 437	7.5
Total	73 203	100.0	2 210	100.0	17 759	100.0	1 367	100.0	**97	100.0	86 188	100.0

(a) Persons aged five years and over who used any form of public transport in the last four weeks.

(b) Includes multiple responses.

1.3 PERSONS WHO USED PUBLIC TRANSPORT IN THE LAST FOUR WEEKS(a)

Frequency of usage	Age									
	5-14 years		15-24 years		25-55 years		55 years and over		Total	
	no.	%	no.	%	no.	%	no.	%	no.	%
At least 5 days	6 624	40.8	11 640	52.4	7 461	28.8	1 331	15.0	27 057	37.0
3 days to less than 5 days a week	2 286	14.1	4 614	20.8	4 543	17.6	2 021	22.7	13 464	18.4
1 day to less than 3 days a week	2 850	17.6	2 789	12.6	6 071	23.5	2 615	29.4	14 326	19.6
1 day in 2 weeks to less than 1 day a week	1 288	7.9	*917	4.1	1 943	7.5	*925	10.4	5 072	6.9
1 day in a month to less than 1 day in 2 weeks	*981	6.0	1 576	7.1	1 783	6.9	*889	10.0	5 229	7.1
Less than 1 day in a month	2 194	13.5	*678	3.1	4 078	15.8	1 105	12.4	8 055	11.0
Total	16 223	100.0	22 214	100.0	25 879	100.0	8 887	100.0	73 203	100.0

(a) Persons aged five years and over who used an ACTION commuter bus in the last four weeks.

1.4 NUMBER OF TRIPS ON ACTION BUSES(a)

Age	Number of trips a week									
	1-5 trips		6-10 trips		More than 10 trips		Not stated		Total	
	no.	%	no.	%	no.	%	no.	%	no.	%
Work										
15-24 years	1 681	42.5	1 822	46.1	*448	11.3	—	—	3 951	100.0
25-55 years	4 798	40.2	6 340	53.1	*793	6.6	—	—	11 931	100.0
55 years and over	—	—	*940	88.8	**118	11.2	—	—	*1 058	100.0
Total	6 478	38.2	9 102	53.7	1 359	8.0	—	—	16 940	100.0
School/place of education										
5-14 years	4 242	42.9	5 536	56.0	**102	1.0	—	—	9 880	100.0
15-24 years	2 073	17.5	8 849	74.8	*907	7.7	—	—	11 829	100.0
25-55 years	**207	29.3	*500	70.7	—	—	—	—	*707	100.0
Total	6 522	29.1	14 886	66.4	*1 008	4.5	—	—	22 416	100.0
Shopping										
5-14 years	*684	100.0	—	—	—	—	—	—	*684	100.0
15-24 years	2 968	93.6	**204	6.4	—	—	—	—	3 172	100.0
25-55 years	3 600	83.1	*605	14.0	**128	3.0	—	—	4 333	100.0
55 years and over	3 630	85.8	*502	11.9	**97	2.3	—	—	4 229	100.0
Total	10 882	87.6	1 310	10.5	**225	1.8	—	—	12 417	100.0
Social										
5-14 years	1 985	83.2	**300	12.6	**102	4.3	—	—	2 386	100.0
15-24 years	6 043	78.5	1 572	20.4	**87	1.1	—	—	7 701	100.0
25-55 years	2 834	78.9	*647	18.0	**112	3.1	—	—	3 593	100.0
55 years and over	1 904	90.7	**194	9.3	—	—	—	—	2 098	100.0
Total	12 766	80.9	2 713	17.2	**301	1.9	—	—	15 779	100.0
Other										
5-14 years	*402	100.0	—	—	—	—	—	—	*402	100.0
15-24 years	*888	54.4	*614	37.7	**129	7.9	—	—	1 631	100.0
25-55 years	2 310	81.1	**322	11.3	—	—	**216	7.6	2 849	100.0
55 years and over	1 404	93.5	—	—	**97	6.5	—	—	1 501	100.0
Total	5 003	78.4	*937	14.7	**226	3.5	**216	3.4	6 382	100.0

(a) Persons aged five years and over who used an ACTION commuter bus at least once a week.

1.5

FREQUENCY OF ACTION BUS USAGE BY WORKING ARRANGEMENTS BY EMPLOYMENT SECTOR(a)(b)

Employment	Frequency of use					
	Not used		At least 5 days a week		3 days to less than 5 days a week	
	no.	%	no.	%	no.	%
Employed casual basis						
Public						
Yes	—	—	**364	33.9	**214	20.0
No	1 254	8.1	5 660	36.7	1 476	9.6
Total(c)	1 254	7.6	6 024	36.6	1 691	10.3
Private						
Yes	**239	5.7	1 217	29.0	1 416	33.7
No	*418	6.5	1 944	30.3	*876	13.6
Total(c)	*658	6.2	3 160	29.8	2 292	21.6
Total						
Yes	**239	4.4	1 698	30.9	1 737	31.6
No	1 672	7.6	7 604	34.7	2 352	10.7
Total(c)	1 912	7.0	9 301	33.9	4 089	14.9
Employed permanent basis						
Public						
Yes	*1 057	7.4	5 183	36.5	1 366	9.6
No	**197	16.4	*478	39.8	**110	9.2
Total(c)	1 254	8.1	5 660	36.7	1 476	9.6
Private						
Yes	*418	7.3	1 827	32.0	*748	13.1
No	—	—	**117	24.8	**128	27.1
Total(c)	*418	6.5	1 944	30.3	*876	13.6
Total						
Yes	1 476	7.4	7 009	35.0	2 114	10.6
No	**197	11.8	*595	35.6	**238	14.3
Total(c)	1 672	7.6	7 604	34.7	2 352	10.7

Employment	Frequency of use					
	1 day to less than 3 days a week		Less than 1 day a week		Total	
	no.	%	no.	%	no.	%
Employed casual basis						
Public						
Yes	**186	17.3	**310	28.9	*1 074	100.0
No	2 217	14.4	4 799	31.1	15 406	100.0
Total(c)	2 403	14.6	5 109	31.0	16 480	100.0
Private						
Yes	*691	16.5	*635	15.1	4 199	100.0
No	1 615	25.2	1 568	24.4	6 421	100.0
Total(c)	2 306	21.7	2 203	20.7	10 620	100.0
Total						
Yes	*877	16.0	*945	17.2	5 496	100.0
No	3 832	17.5	6 470	29.5	21 932	100.0
Total(c)	4 710	17.2	7 416	27.0	27 428	100.0
Employed permanent basis						
Public						
Yes	2 107	14.8	4 494	31.6	14 207	100.0
No	**110	9.2	**305	25.4	1 200	100.0
Total(c)	2 217	14.4	4 799	31.1	15 406	100.0
Private						
Yes	1 259	22.1	1 458	25.5	5 711	100.0
No	**227	48.1	—	—	*472	100.0
Total(c)	1 615	25.2	1 568	24.4	6 421	100.0
Total						
Yes	3 366	16.8	6 057	30.3	20 021	100.0
No	**337	20.2	**305	18.2	1 672	100.0
Total(c)	3 832	17.5	6 470	29.5	21 932	100.0

(a) Employed wage or salary earners aged 15 years and over.

(b) Persons aged 15–24 years who were still attending school have been excluded.

(c) Totals include 'Don't know' responses.

1.6

FREQUENCY OF INTENDED USE OF ACTION BUSES BY AGE

Age	<i>Intended use</i>										<i>Total</i>	
	<i>At least 5 days a week</i>		<i>3 days to less than 5 days a week</i>		<i>1 day to less than 3 days a week</i>		<i>Less than 1 day a week</i>		<i>Don't know</i>			
	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%
5-14 years	1 890	34.5	*803	14.6	*597	10.9	2 098	38.3	**96	1.8	5 484	100.0
15-24 years	*560	18.5	**368	12.2	*431	14.3	1 666	55.1	—	—	3 026	100.0
25-55 years	*815	6.0	*831	6.1	*863	6.4	10 583	78.2	*434	3.2	13 526	100.0
55 years and over	**98	2.2	**97	2.2	*699	15.8	3 229	72.9	**306	6.9	4 430	100.0
Total	3 364	12.7	2 099	7.9	2 591	9.8	17 575	66.4	*836	3.2	26 465	100.0

(a) Persons who have not used an ACTION commuter bus in the last four weeks but intended in the next 12 months to use an ACTION commuter bus at least once a week.

1.7

REASON FOR INTENDED ACTION BUS USE BY AGE(a)

Age	<i>Reason</i>										<i>Total</i>	
	<i>Change in work/education</i>		<i>Cost</i>		<i>Personal reasons</i>		<i>Other</i>		<i>Don't know</i>			
	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%
5-14 years	2 292	56.7	—	—	*1 002	59.0	**397	20.0	—	—	3 289	40.8
15-24 years	*788	19.5	**258	20.4	**314	18.5	**239	12.1	—	—	1 360	16.9
25-55 years	*959	23.8	*505	39.9	**90	5.3	*954	48.1	**112	100.0	2 509	31.2
55 years and over	—	—	*503	39.7	**293	17.2	**394	19.8	—	—	*895	11.1
Total	4 040	100.0	1 266	100.0	1 699	100.0	1 984	100.0	**112	100.0	8 053	100.0

(a) Persons who have not used an ACTION commuter bus in the last four weeks but intended in the next 12 months to use an ACTION commuter bus at least once a week.

CHAPTER 2

MIGRATION PATTERNS

MAIN FINDINGS

In October 1998, there were 28,393 households (28.3%) renting their current dwelling out of 100,234 households within the (ACT). About 6 out of 10 households owned (31.2%) or were paying off their dwelling (30%). Tables 2.1 and 2.2 provide detailed information on dwelling ownership and occupancy by age and marital status.

The four reasons most often provided for moving to the current dwelling were: for family and social reasons (30.6%), the characteristics of the property (29.1%), proximity to work or education (25.4%), and to purchase the property (20.4%). Table 2.3 provides information on reasons for moving by duration in the present dwelling.

Persons in households who had moved to the present dwelling from overseas or another State or Territory most often gave proximity to work or education as the reason for moving to the present dwelling (49.6%). Tables 2.4 and 2.5 provide detailed information on reasons to move by origin, and information on those who have moved within the last three years.

For those intending to move in the next three years, the reasons most often provided for the intended move were: for family and social reasons (26.3%), proximity to work or education (22.5%), to purchase the property (22.1%), and the characteristics of the property (17.6%). This is similar to the pattern for reasons for moving to current dwelling.

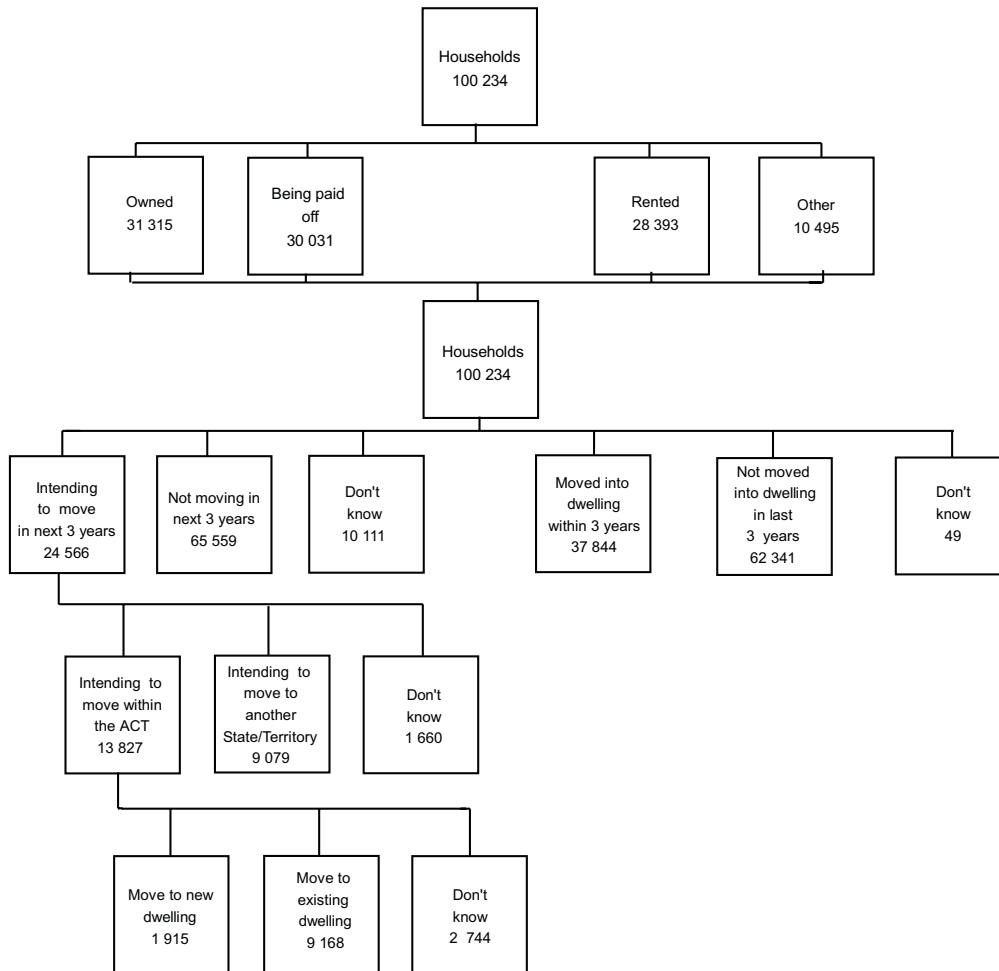
Those persons in households intending to move interstate most often gave the reasons for intended move as proximity to work or education (35.8%), and for family or social reasons (24.1%). Of those intending to move within the ACT in the next three years, only 1,915 (13.8%) intended to build or purchase a new dwelling. A further 19.8% did not know whether they would move to a new or an existing dwelling. However two out of three (66.3%) persons indicated that their households were intending to move to an existing dwelling. Tables 2.6, 2.7, 2.8, and 2.9 provide more detailed information on intention to move.

There was a correlation between the length of time in a dwelling and ownership or occupancy status. About 9 out of 10 households (85.5%) where the dwelling was owned had been in the dwelling for more than three years. About two out of three households (65.3%) where the dwelling was being paid off had been in the dwelling for more than three years. This contrasts with households where the dwelling was rented, with 7 out of 10 households (68.9%) having been in the dwelling less than three years. Tables 2.10 and 2.11 provide more detailed information on ownership and occupancy status.

Some limited disaggregations of the data are available on request.

The structure of the population referred to in the migration survey are summarised in the following diagram:

DIAGRAM 2 MIGRATION PATTERNS OF ACT HOUSEHOLDS



LIST OF TABLES

Page

2.1	Dwelling ownership/occupancy by age	13
2.2	Dwelling ownership/occupancy by marital status	13
2.3	Duration in dwelling by reasons for moving	14
2.4	Origin by reasons for moving	14
2.5	Origin by length of time in dwelling	15
2.6	Time frame and reasons for intended move	15
2.7	Destination and reasons for intended move	16
2.8	Movement within the ACT by intended time frame	16
2.9	Reasons for intended move within the ACT	17
2.10	Time in dwelling	17
2.11	Reasons for moving to existing dwelling	18

2.1

DWELLING OWNERSHIP/OCCUPANCY BY AGE(a)

Age	Ownership of dwelling									
	Owned		Being paid off		Rented		Other(b)		Total	
	no.	%	no.	%	no.	%	no.	%	no.	%
18–24 years	*575	4.6	*1 051	8.5	5 110	41.2	5 668	45.7	12 403	100.0
25–34 years	2 695	10.3	9 026	34.4	11 756	44.8	2 750	10.5	26 227	100.0
35–44 years	5 269	23.3	11 548	51.2	5 066	22.4	*690	3.1	22 574	100.0
45–54 years	7 821	44.3	6 545	37.1	3 082	17.4	**214	1.2	17 663	100.0
55–64 years	6 997	74.0	*922	9.8	*1 095	11.6	**438	4.6	9 453	100.0
65 years plus	7 958	66.8	*938	7.9	2 283	19.2	*735	6.2	11 914	100.0
Total	31 315	31.2	30 031	30.0	28 393	28.3	10 495	10.5	100 234	100.0

(a) Persons aged 18 years and over.

(b) Includes persons occupying the dwelling under a life tenure scheme, rent free or pay board.

2.2

DWELLING OWNERSHIP/OCCUPANCY BY MARITAL STATUS(a)

Marital status	Ownership of dwelling									
	Owned		Being paid off		Rented		Other(b)		Total	
	no.	%	no.	%	no.	%	no.	%	no.	%
Married	23 860	41.5	23 554	40.9	9 615	16.7	**492	0.9	57 521	100.0
De facto	**438	9.9	*1 332	30.1	2 657	60.0	—	—	4 427	100.0
Separated	*929	30.1	*728	23.5	*1 181	38.2	**253	8.2	3 091	100.0
Divorced	1 762	28.9	*1 365	22.4	2 483	40.8	**482	7.9	6 092	100.0
Widowed	2 505	54.3	**255	5.5	*1 276	27.6	*580	12.6	4 617	100.0
Never married	1 821	7.4	2 796	11.4	11 181	45.7	8 689	35.5	24 487	100.0
Total	31 315	31.2	30 031	30.0	28 393	28.3	10 495	10.5	100 234	100.0

(a) Persons aged 18 years and over.

(b) Includes persons who occupy their dwelling under a life tenure scheme, rent free or pay board.

2.3 DURATION IN DWELLING BY REASONS FOR MOVING(a)(b)

Reasons	Duration in present dwelling				Total
	Less than a year	1 to less than 2 years	2 to 3 years	Don't know	
To purchase this dwelling	2 985	2 333	2 415	—	7 732
Characteristics of house/property	5 548	3 124	2 353	—	11 024
Proximity to work/place of education	4 710	2 817	1 956	**114	9 597
Cost	1 979	1 468	*614	—	4 061
Family/social reasons	5 585	3 550	2 454	—	11 588
Proximity to services	1 614	**495	**150	—	2 259
Neighbourhood characteristics	2 326	1 452	*873	—	4 650
Outside your control	*876	**318	**205	—	*1 399
Transfer	**315	**55	**358	—	*729
Other	*1 375	**256	—	—	1 631
Don't know	—	**48	**121	—	**169
Total	19 088	10 551	8 092	**114	37 844

(a) Number of people, including multiple responses.

(b) Persons aged 18 years and over who had moved dwellings in the last three years (since October 1995).

2.4 ORIGIN BY REASONS FOR MOVING(a)(b)

Reasons	Where movement was from		Total
	Within the ACT	Another State/Territory or overseas	
To purchase this dwelling	6 877	*855	7 732
Characteristics of house/property	9 067	1 958	11 024
Proximity to work/place of education	4 250	5 347	9 597
Cost	3 458	*603	4 061
Family/social reasons	8 490	3 098	11 588
Proximity to services	1 949	**310	2 259
Neighbourhood characteristics	3 495	*1 156	4 650
Outside your control	*958	**441	*1 399
Transfer	**100	*629	*729
Other	*1 137	**494	1 631
Don't know	**98	**71	**169
Total	27 054	10 789	37 844

(a) Number of people.

(b) Persons aged 18 years and over who had moved dwellings in the last three years (since October 1995).

2.5 ORIGIN BY LENGTH OF TIME IN DWELLING(a)(b)

<i>Duration in dwelling</i>	<i>Where movement was from</i>		
	<i>Within the ACT</i>	<i>Another State/Territory or overseas</i>	<i>Total</i>
Less than 1 year	13 527	5 560	19 088
1 to less than 2 years	8 139	2 411	10 551
2-3 years	5 388	2 704	8 092
Don't know	—	**114	**114
Total	27 054	10 789	37 844

(a) Number of people.

(b) Persons aged 18 years and over who had moved dwellings in the last three years (since October 1995).

2.6 TIME FRAME AND REASONS FOR INTENDED MOVE(a)(b)

<i>Reasons</i>	<i>Time intending to move</i>				
	<i>Less than 1 year</i>	<i>1 to less than 2 years</i>	<i>2-3 years</i>	<i>Don't know</i>	<i>Total</i>
To purchase a home	2 404	*1 434	*825	*773	5 436
Characteristics of house/property	1 875	*1 180	*876	**387	4 318
Proximity to work/place of education	2 926	*1 401	*910	**298	5 536
Finishing education	**438	**252	**445	**149	*1 284
Retirement	**286	**340	**247	—	*873
Cost	*552	**203	**109	**171	*1 034
Family/social reasons	2 769	*1 190	*1 267	*1 225	6 450
Proximity to services	**110	**176	—	—	**286
Neighbourhood characteristics	*949	*662	**204	**315	2 129
Outside your control	*1 042	**48	—	**155	*1 245
Climate	**256	—	**351	**43	*651
Changing employment	*634	**222	—	**96	*953
Other	*652	**107	—	—	*758
Don't know	**100	**100	—	**55	**254
Total	12 332	5 661	3 772	2 801	24 566

(a) Number of people, including multiple responses.

(b) Persons aged 18 years and over who intend to move dwellings in the next three years (before October 2001).

2.7

DESTINATION AND REASONS FOR INTENDED MOVE(a)(b)

Reasons	Places intended to move to				Total
	Within the ACT	Another State/Territory or overseas	Don't know		
To purchase a home	4 354	*871	**211		5 436
Characteristics of house/property	4 018	**214	**86		4 318
Proximity to work/place of education	*1 383	3 248	*905		5 536
Finishing education	**348	*786	**149		*1 284
Retirement	**358	**515	—		*873
Cost	*863	—	**171		*1 034
Family/social reasons	3 760	2 188	**502		6 450
Proximity to services	**57	**229	—		**286
Neighbourhood characteristics	*1 199	*711	**219		2 129
Outside your control	*1 006	**184	**54		*1 245
Climate	—	*651	—		*651
Changing employment	**60	*796	**96		*953
Other	**371	**387	—		*758
Don't know	**100	**155	—		**254
Total	13 827	9 079	1 660		24 566

(a) Number of people, including multiple responses.

(b) Persons aged 18 years and over who intend to move dwellings in the next three years (before October 2001).

2.8

MOVEMENT WITHIN THE ACT BY INTENDED TIME FRAME(a)

Intended time frame	Type of dwelling							
	New		Existing		Don't know		Total	
	no.	%	no.	%	no.	%	no.	%
Less than 1 year	*1 132	15.3	5 082	68.6	*1 194	16.1	7 408	100.0
1 to less than 2 years	**328	9.7	2 212	65.8	*821	24.4	3 360	100.0
2–3 years	**306	20.8	*1 167	79.2	—	—	1 472	100.0
Don't know	**149	9.4	*708	44.6	*729	46.0	1 586	100.0
Total	1 915	13.8	9 168	66.3	2 744	19.8	13 827	100.0

(a) Persons aged 18 years and over who intend to move dwellings in the next three years (before October 2001).

2.9

REASONS FOR INTENDED MOVE WITHIN THE ACT(a)(b)

Reasons	Type of dwelling							
	New		Existing		Don't know		Total	
	no.	%	no.	%	no.	%	no.	%
To purchase a home	*1 072	24.6	2 081	47.8	*1 200	27.6	4 354	100.0
Characteristics of the house/property	*697	17.3	2 725	67.8	*596	14.8	4 018	100.0
Proximity to work/education	**167	12.0	*1 172	84.7	**45	3.2	*1 383	100.0
Finishing education	—	—	**348	100.0	—	—	**348	100.0
Retirement	—	—	**303	84.6	**55	15.4	**358	100.0
Cost	**43	5.0	*766	88.7	**54	6.3	*863	100.0
Family/social reasons	**410	10.9	2 608	69.4	*743	19.7	3 760	100.0
Proximity to services	—	—	**57	100.0	—	—	**57	100.0
Neighbourhood characteristics	—	—	*1 047	87.3	**153	12.7	*1 199	100.0
Outside your control	—	—	*806	80.2	**200	19.8	*1 006	100.0
Other	—	—	**371	100.0	—	—	**371	100.0
Don't know	—	—	—	—	**100	100.0	**100	100.0
Total	1 915	13.8	9 168	66.3	2 744	19.8	13 827	100.0

(a) Persons aged 18 years and over who intend to move dwellings in the next three years (before October 2001).

(b) Includes multiple responses.

2.10

TIME IN DWELLING(a)

Time in dwelling	Ownership of dwelling									
	Owned		Being paid off		Rented		Other		Total	
	no.	%	no.	%	no.	%	no.	%	no.	%
Less than 1 year	*1 255	6.6	4 397	23.0	11 345	59.4	2 091	11.0	19 088	100.0
1 to less than 2 years	*946	9.0	3 359	31.8	5 456	51.7	*789	7.5	10 551	100.0
2-3 years	2 345	29.0	2 546	31.5	2 771	34.2	*430	5.3	8 092	100.0
More than 3 years	26 769	42.9	19 614	31.5	8 773	14.1	7 186	11.5	62 341	100.0
Don't know	—	—	**114	69.7	**49	30.3	—	—	**163	100.0
Total	31 315	31.2	30 031	30.0	28 393	28.3	10 495	10.5	100 234	100.0

(a) Persons aged 18 years and over.

2.11 REASONS FOR MOVING TO EXISTING DWELLING(a)(b)

Reasons	Ownership of dwelling									
	Owned		Being paid off		Rented		Other		Total	
	no.	%	no.	%	no.	%	no.	%	no.	%
To purchase this dwelling	1 551	20.1	5 963	77.1	**111	1.4	**106	1.4	7 732	100.0
Characteristics of house/property	1 470	13.3	3 379	30.7	5 928	53.8	**248	2.2	11 024	100.0
Proximity to work/education	**382	4.0	1 980	20.6	6 864	71.5	**371	3.9	9 597	100.0
Cost	*565	13.9	*587	14.5	2 521	62.1	**387	9.5	4 061	100.0
Family/social reasons	1 744	15.0	*1 423	12.3	5 704	49.2	2 717	23.4	11 588	100.0
Proximity to services	**49	2.2	**417	18.5	1 792	79.4	—	—	2 259	100.0
Neighbourhood characteristics	*620	13.3	*1 071	23.0	2 959	63.6	—	—	4 650	100.0
Outside your control	**99	7.1	**100	7.1	*1 201	85.8	—	—	*1 399	100.0
Other	**99	6.1	**382	23.4	*1 009	61.9	**141	8.7	1 631	100.0
Don't know	—	—	**48	28.6	**121	71.4	—	—	**169	100.0
Total	4 546	12.0	10 416	27.5	19 571	51.7	3 310	8.7	37 844	100.0

(a) Persons aged 18 years and over who moved in the last three years (since October 1995).

(b) Includes multiple responses.

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains results from the 1998 ACT Supplementary Survey, Public Transport Usage and Migration Patterns. This survey was conducted at the request of the ACT Government throughout the ACT during October 1998 as a supplement to the Monthly Population Survey (MPS).

2 Information for Public Transport Usage was collected for each person aged five years and over in each household who is a usual resident of a private dwelling. The information was collected from any responsible adult. The information collected included trip purpose (work, education, shopping, social and other), how many trips are made, age and sex of commuter, whether employed in the private or public sector, if employed on a casual or permanent basis, or whether they work shifts.

3 Information for Migration Patterns was randomly collected about the selected person in the household, from any responsible adult. Selection of this person was based on the person in the household aged 18 and over with the next birthday. The information collected included the employment, housing, reasons for moving, and an indication of the possible intentions to migrate within or outside the ACT.

4 The survey was conducted using only the private dwellings included in the MPS. The MPS was conducted during the two weeks commencing 12 October 1998.

5 Information was sought from approximately 2,578 persons, all of whom fully responded.

SCOPE

6 The Public Transport Usage section of the survey was conducted for all persons aged five years and over, while the Migration Patterns section of the survey was conducted for all persons aged 18 years and over who were usual residents of private dwellings, except:

- members of the Australian permanent defence forces;
- certain diplomatic personnel of overseas governments customarily excluded from census and estimated populations;
- overseas visitors holidaying in Australia; and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

7 Residents of non-private dwellings such as hotels, motels, caravan parks, prisons, hospitals, boarding schools, etc. (included in MPS) were excluded from this survey.

COVERAGE

8 In the survey, coverage rules were applied which aimed to ensure that each person was associated with only one dwelling, and hence had only one chance of selection in the survey.

RELATED PUBLICATIONS

9 Users may wish to refer to the following publications which contain information related to the survey topic:

Demography, Australian Capital Territory (Cat. no. 3311.8)

Regional Statistics, Australian Capital Territory (Cat. no. 1313.8)

Australian Capital Territory in Focus (Cat. no. 1307.8)

Migration, Australia (Cat. no. 3412.0)

Travel to Work and Educational Institutions, Australian Capital Territory, 1995 (Cat. no. 9201.8.40.001)

TECHNICAL NOTES

ESTIMATION PROCEDURE

1 Estimates derived from this survey were obtained using a complex ratio estimation procedure. This procedure ensured that the survey estimates conformed to an independently estimated distribution of population by age, sex, and part of State or Territory distribution among respondents. The procedure also ensured that household estimates conform to an independently estimated distribution of households by certain household characteristics (number of adults and children in the household) rather than to the distribution among responding households.

RELIABILITY OF ESTIMATES

2 Estimates in this publication are subject to non-sampling and sampling errors.

Non-sampling errors

3 Non-sampling errors may arise as a result of errors in the reporting, recording or processing of the data and can occur even if there is a complete enumeration of the population. Non-sampling errors can be introduced through: inadequacies in the questionnaire, non-response, inaccurate reporting by respondents, errors in the application of survey procedures, inaccurate recording of answers, and errors in data entry and processing.

4 It is difficult to measure the size of non-sampling errors and the extent of these errors could vary considerably in significance from survey to survey and from question to question. However, every effort is made in the design of the survey and development of survey procedures to minimise the effect of these errors.

Sampling error

5 Sampling error is the error which occurs by chance because the data were only obtained from a sample, not the entire population.

STANDARD ERRORS

ESTIMATES OF SAMPLING ERROR

1 One measure of the likely difference which would be expected between the estimate based on a sample and the figure that would have been obtained from a complete collection is the standard error, see the following table.

2 There are about two chances in three (67%) that an estimate will differ by less than one standard error from that which would have been obtained if all households had been included in the survey. There are about 19 chances in 20 (95%) that the difference will be less than two standard errors.

3 A standard error expressed as a percentage of the estimate is known as the 'relative error'. For example, if an estimate of 1,000 persons has a standard error of 250, then the estimate has a relative standard error of $250/1,000 \times 100 = 25\%$. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling.

4 Estimates below 1,100 persons for transport usage, and 1,450 for migration patterns, have been included in this data report but are subject to high relative standard errors (more than 25%) and should be used with care as they may not be sufficiently reliable for most purposes. Estimates below 400 persons for transport usage, and 520 for migration patterns, have been included in this data report but are subject to very high relative standard errors (more than 50%) and therefore have sampling variability too high for most practical purposes.

5 A more detailed explanation of standard errors can be found in the Technical Notes of *Labour Force, Australia* (Cat. no. 6203.0).

STANDARD ERRORS OF ESTIMATES OF PERSONS

Size of estimate (persons)	Standard error of the estimates	Relative standard errors
no.	no.	%
100	140	134.3
200	170	81.6
300	190	61.3
500	220	43.0
1 000	270	26.8
1 500	310	20.4
2 000	340	16.8
3 000	390	12.9
5 000	470	9.3
7 000	530	7.5
10 000	600	6.0
15 000	700	4.6
20 000	780	3.9
50 000	1 200	2.2
100 000	1 500	1.5
200 000	2 100	1.0
300 000	2 500	0.8

GLOSSARY

ACTION commuter buses	Regular bus services provided by ACTION, including 'regular' school buses which provide a commuter service for school children.
Being paid off	Refers to situations where the person and/or the person's spouse/partner is currently making repayments on a mortgage or loan for the dwelling in which he/she is living or is in a purchase agreement in relation to that dwelling.
Employment on a casual basis	Where the worker is not eligible for paid holiday leave. They will most likely be paid a casual loading. This is an upward adjustment, usually 15%, of the award rate of pay to compensate a casual employee for the lack of paid leave, and possibly other conditions (e.g. not paid on public holidays).
Main purpose	The purpose for which ACTION buses are used most.
New/existing dwelling	A new dwelling is considered to be a dwelling built recently and has not had previous occupants. An existing dwelling is one that has had previous occupants.
Other bus services	Services provided by other bus companies (commuter and non-commuter), and ACTION bus services that provide door to door service for non-commuter purposes, such as Total Care Buses and School Excursion buses.
Owned outright	A category which is used for respondents who have bought the dwelling (individually or jointly) and have paid off all mortgages or loans secured against it. It may be noted that a dwelling may be owned outright by more than one person.
Permanent job	Defined as one in which there no limitations or reservations expressed as to the length of the period of employment. This would not include a position where the employee is 'on probation'.
Public service	Refers to all government departments and agencies at all levels of government in the ACT. Some agencies have been corporatised by the ACT legislative assembly but they still remain in the public sector.
Public transport	Includes all modes of transporting people via 'public means'. These include: bus (ACTION, private bus lines, community bus services, etc), or taxi travel able to be used by a member of the public. In the ACT, the main modes available are bus and taxi.
Rented	Used for respondents (or their spouse/partner) who give money to another person/organisation in return for lodgings in the dwelling.
Social	Refers to any activity a person does for entertainment or recreational purposes, including visiting family or friends, going to the movies, playing sport, etc.

Transport For the purpose of this survey, transport is the means of travel.

Trip A trip means a transport from origin to destination. A return journey counts as another trip. A break in the trip to change buses for travel purposes is counted as one trip. However, if the break in the trip is for a specific purpose such as to do the shopping, it is counted as two trips.

SELF-HELP ACCESS TO STATISTICS

DIAL-A-STATISTIC For current and historical Consumer Price Index data, call 1902 981 074.
For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400.
These calls cost 75c per minute.

INTERNET www.abs.gov.au

LIBRARY A range of ABS publications is available from public and tertiary libraries Australia wide. Contact your nearest library to determine whether it has the ABS statistics you require.

WHY NOT SUBSCRIBE?

PHONE +61 1300 366 323

FAX +61 3 9615 7848

CONSULTANCY SERVICES

ABS offers consultancy services on a user pays basis to help you access published and unpublished data. Data that are already published and can be provided within 5 minutes is free of charge. Statistical methodological services are also available. Please contact:

<i>City</i>	<i>By phone</i>	<i>By fax</i>
Canberra	02 6252 6627	02 6207 0282
Sydney	02 9268 4611	02 9268 4668
Melbourne	03 9615 7755	03 9615 7798
Brisbane	07 3222 6351	07 3222 6283
Perth	08 9360 5140	08 9360 5955
Adelaide	08 8237 7400	08 8237 7566
Hobart	03 6222 5800	03 6222 5995
Darwin	08 8943 2111	08 8981 1218

POST Client Services, ABS, PO Box 10, Belconnen ACT 2616

EMAIL client.services@abs.gov.au



2136580010981
ISBN 0 642 27588 2

RRP \$18.00