



University of
Western Sydney

URBAN RESEARCH CENTRE

Western Sydney Resident Journeys to Work in 2006

For NSW Department of Planning

**Urban Research Centre
University of Western Sydney**

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Content

Source of Data, Notes and Definitions	1
Source of Data.....	1
Notes and definitions	2
Notes on Mode of Transport:	2
Summary	3
Duration of travel to work in GWS.....	5
Distance of travel to work in GWS	8
Mode of transport for the travel to work in GWS	11
Main destination of the travel to work in GWS.....	15
Annex	16

Source of Data, Notes and Definitions

Source of Data

The following table provides information about the Transport Data Centre's data characteristics and caveats.

Data Owner	Transport Data Centre - NSW Ministry of Transport
DataSet	Household Travel Survey (HTS)
Data Reference Year	2006
	Population weights based on estimated resident population (ERP) as at 30 June 2006.
Years pooled	(pooled data from 5 waves - 2002/03 to 2006/07 HTS weighted to June 30 2006 population)
Population Scope	Residents of occupied private dwellings in the GMA
Geographic coverage	Greater Metropolitan Area (GMA): Sydney SD, Illawarra SD & Newcastle SSD
Daytype	Provided for average weekday
Counts of	Counts refer to number of trips to work (linked) made by full-time workers
Sample Size	Refer to SampleCounts sheet : Total of 5918 individuals
Caution	Care should be taken with the interpretation of individual cells with a count of less than 1,000.
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The data has been sourced from the Transport Data Centre, NSW Ministry of Transport.

Unless otherwise stated, this is a study of full time workers. Part time workers have been removed from the 2006 Household Travel Survey data in order to provide a portrayal of the full time workforce.

Notes and definitions

The area of **Greater Western Sydney** referred to in this report is as defined in the Sydney Metropolitan Strategy of the Department of Planning (NSW Government) at <http://www.metrostrategy.nsw.gov.au/>

Trip to Work: For 80% of these trips, the origin is from the person's home. The rest may be from somewhere else if the person made other trips with a different purpose on the way to work.

GWS: Greater Western Sydney

GMA: Greater Metropolitan Area

The total count of commuters differs between tables due to variations in data collection or data processing by the Transport Data Centre.

Notes on Mode of Transport:

Not all of the Greater Western Sydney SLAs contained data on transport mode.

Where the trip to work uses more than one mode, the TDC allocates a **priority mode** based on the following hierarchy:

- Ferry
- Train
- Light rail/monorail
- Bus
- Vehicle driver
- Vehicle passenger
- Taxi
- Bicycle
- Walk
- Other

Annex

The Annex at the end of this document contains the analysed tables for the GMA from where data for the GWS was extracted.

Summary

Duration of travel to work in GWS for full time workers, per journey:

Duration (mins)	Total Commuters	% Commuters
up to 15	104010	28.81
>15-20	29982	8.31
>20-35	88036	24.39
>35-50	54769	15.17
> 50	84214	23.33
Total	361011	100.00

Estimated weighted average = 30.8 minutes

Distance of travel to work in GWS for full time workers, per journey:

Distance (km)	Total Commuters	% Commuters
< 5	47695	13.22
>5-10	60112	16.66
>10-15	50706	14.05
>15-25	84388	23.39
> 25	117942	32.69
Total	360843	100.00

Estimated weighted average = 17.8 kilometres

Mode of transport in GWS for full time workers, per journey:

Modes	Total Commuters	% Commuters
Bike	1454	0.40
Bus	6371	1.74
Ferry	143	0.04
Taxi	8168	2.23
Train	57873	15.82
Vehicle driver	261046	71.37
Vehicle passenger	22173	6.06
Walk	8541	2.34
Total	365769	

* Parramatta SLA was the only GWS SLAs having the opportunity for using the ferry to travel to work.

Main **destinations** travelling to for work in GWS (with more than 10.000 commuters, in rank order*):

1. Parramatta
2. Fairfield
3. Bankstown
4. Sydney Inner
5. Penrith
6. Liverpool
7. Auburn
8. Blacktown South-East
9. Baulkham Hills
10. Holroyd
11. Campbelltown
12. South Sydney

*Obtained from the *Origin-Destination by Duration of travel* table

Duration of travel to work in GWS

Summary

Duration (mins)	Total Commuters	% Commuters
up to 15	104010	28.81
>15-20	29982	8.31
>20-35	88036	24.39
>35-50	54769	15.17
> 50	84214	23.33
Total	361011	

Data for Great Western Sydney

Trip up to 15 mins

Origin SLAs	Total Commuters	% Commuters
Parramatta	12672	12.18
Bankstown	9869	9.49
Penrith	8689	8.35
Baulkham Hills	8324	8.00
Liverpool	7383	7.10
Campbelltown	7111	6.84
Holroyd	6708	6.45
Blacktown South-East	5515	5.30
Blacktown North	5172	4.97
Auburn	4871	4.68
Hawkesbury	3490	3.36
Blue Mountains	3372	3.24
Blacktown South-West	3183	3.06
Camden	2669	2.57
Wollondilly	1152	1.11
Fairfield	13830	13.30
Total	104010	100.00

Trip >15-20 mins

Origin SLAs	Total Commuters	% Commuters
Liverpool	4865	16.2
Fairfield	4067	13.6
Bankstown	3723	12.4
Penrith	3398	11.3
Parramatta	2782	9.3
Blacktown South-East	2137	7.1
Blacktown North	1936	6.5
Baulkham Hills	1839	6.1
Holroyd	1563	5.2
Hawkesbury	839	2.8
Blue Mountains	685	2.3
Auburn	655	2.2
Campbelltown	627	2.1
Blacktown South-West	325	1.1
Camden	291	1.0
Wollondilly	250	0.8
Total	29982	100.00

Trip >20-35 mins

Origin SLAs	Total Commuters	% Commuters
Liverpool	9688	11.00
Fairfield	9368	10.64
Parramatta	9118	10.36
Bankstown	8187	9.30
Penrith	7626	8.66
Blacktown South-East	6283	7.14
Blacktown North	6135	6.97
Baulkham Hills	5847	6.64
Holroyd	5762	6.55
Campbelltown	5724	6.50
Blacktown South-West	5686	6.46
Auburn	2664	3.03
Camden	2088	2.37
Blue Mountains	1549	1.76
Wollondilly	1391	1.58
Hawkesbury	920	1.05
Total	88036	100.00

Trip >35-50 mins

Origin SLAs	Total Commuters	% Commuters
Baulkham Hills	6556	11.97
Parramatta	6025	11.00
Campbelltown	5853	10.69
Fairfield	4960	9.06
Penrith	4882	8.91
Bankstown	4418	8.07
Liverpool	4167	7.61
Blacktown North	3762	6.87
Blacktown South-East	2992	5.46
Holroyd	2332	4.26
Hawkesbury	1994	3.64
Blue Mountains	1808	3.30
Camden	1627	2.97
Blacktown South-West	1320	2.41
Auburn	1130	2.06
Wollondilly	943	1.72
Total	54769	100.00

Trip >50 mins

Origin SLAs	Total Commuters	% Commuters
Baulkham Hills	10436	12.39
Campbelltown	10354	12.29
Parramatta	8690	10.32
Bankstown	7370	8.75
Blacktown South-East	6151	7.30
Penrith	5580	6.63
Blacktown South-West	5449	6.47
Liverpool	5267	6.25
Fairfield	4869	5.78
Holroyd	4636	5.51
Auburn	3769	4.48
Blacktown North	2986	3.55
Blue Mountains	2882	3.42
Hawkesbury	2551	3.03
Wollondilly	1763	2.09
Camden	1461	1.73
Total	84214	100.00

Distance of travel to work in GWS

Summary

Distance (km)	Total Commuters	% Commuters
< 5	47695	13.22
>5-10	60112	16.66
>10-15	50706	14.05
>15-25	84388	23.39
> 25	117942	32.69
Total	360843	

Data for Great Western Sydney

Trips up to 5km

Origin SLAs	Total Commuters	% Commuters
Fairfield	8605	18.04
Parramatta	7275	15.25
Bankstown	4603	9.65
Liverpool	4492	9.42
Blacktown South-East	3281	6.88
Auburn	2977	6.24
Campbelltown	2871	6.02
Holroyd	2754	5.77
Penrith	2153	4.51
Baulkham Hills	2001	4.20
Blacktown South-West	1818	3.81
Blue Mountains	1713	3.59
Hawkesbury	1156	2.42
Camden	1122	2.35
Blacktown North	583	1.22
Wollondilly	291	0.61
Total	47695	100.00

Trips >5-10kms

Origin SLAs	Total Commuters	% Commuters
Parramatta	10001	16.64
Bankstown	7355	12.24
Baulkham Hills	6240	10.38
Fairfield	6209	10.33
Holroyd	5095	8.48
Liverpool	4598	7.65
Penrith	4266	7.10
Blacktown North	3099	5.16
Auburn	3080	5.12
Blacktown South-East	2479	4.12
Campbelltown	2092	3.48
Blacktown South-West	2017	3.36
Hawkesbury	1375	2.29
Camden	1373	2.28
Blue Mountains	604	1.00
Wollondilly	229	0.38
Total	60112	100.00

Trips >10-15 kms

Origin SLAs	Total Commuters	% Commuters
Fairfield	9365	18.47
Bankstown	5670	11.18
Parramatta	4652	9.17
Liverpool	4625	9.12
Baulkham Hills	4351	8.58
Penrith	4218	8.32
Holroyd	3836	7.57
Campbelltown	3132	6.18
Blacktown North	2709	5.34
Blacktown South-East	2545	5.02
Blue Mountains	1818	3.59
Auburn	1752	3.46
Hawkesbury	1023	2.02
Blacktown South-West	682	1.35
Camden	198	0.39
Wollondilly	130	0.26
Total	50706	100.00

Trips >15-25 kms

Origin SLAs	Total Commuters	% Commuters
Bankstown	9759	11.56
Parramatta	9673	11.46
Liverpool	8430	9.99
Baulkham Hills	7430	8.80
Blacktown North	7207	8.54
Fairfield	6922	8.20
Penrith	6191	7.34
Blacktown South-East	6165	7.31
Blacktown South-West	5651	6.70
Campbelltown	4102	4.86
Holroyd	3778	4.48
Auburn	3540	4.19
Camden	1802	2.14
Hawkesbury	1716	2.03
Blue Mountains	1207	1.43
Wollondilly	815	0.97
Total	84388	100.00

Trips > 25 kms

Origin SLAs	Total Commuters	% Commuters
Campbelltown	17473	14.81
Penrith	13347	11.32
Baulkham Hills	12982	11.01
Liverpool	9225	7.82
Blacktown South-East	8607	7.30
Parramatta	7692	6.52
Blacktown North	6397	5.42
Bankstown	6176	5.24
Fairfield	5992	5.08
Blacktown South-West	5796	4.91
Holroyd	5537	4.69
Blue Mountains	4782	4.05
Hawkesbury	4521	3.83
Wollondilly	4032	3.42
Camden	3644	3.09
Auburn	1739	1.47
Total	117942	100.00

Mode of transport for the travel to work in GWS

Summary

Modes	Total Commuters	% Commuters
Bike	1454	0.40
Bus	6371	1.74
Ferry*	143	0.04
Taxi	8168	2.23
Train	57873	15.82
Vehicle driver	261046	71.37
Vehicle passenger	22173	6.06
Walk	8541	2.34
Total	365769	

* Parramatta SLA was the only GWS SLA using the ferry to travel to work.

Data for Great Western Sydney

Vehicle driver

Origin SLAs	Total Commuters	% Commuters
Fairfield	27775	10.64
Baulkham Hills	26018	9.97
Parramatta	25681	9.84
Liverpool	25331	9.70
Bankstown	24433	9.36
Penrith	23093	8.85
Campbelltown	20137	7.71
Holroyd	14480	5.55
Blacktown North	14362	5.50
Blacktown South-East	14041	5.38
Blacktown South-West	9865	3.78
Blue Mountains	8604	3.30
Auburn	7730	2.96
Hawkesbury	7643	2.93
Camden	7095	2.72
Wollondilly	4758	1.82
Total	261046	100.00

Vehicle passenger

Origin SLAs	Total Commuters	% Commuters
Fairfield	3634	16.39
Penrith	3093	13.95
Parramatta	2831	12.77
Bankstown	2066	9.32
Blacktown South-West	2018	9.10
Campbelltown	1867	8.42
Blacktown North	1611	7.27
Liverpool	1579	7.12
Holroyd	1350	6.09
Baulkham Hills	587	2.65
Hawkesbury	475	2.14
Blacktown South-East	448	2.02
Blue Mountains	269	1.21
Camden	194	0.87
Auburn	151	0.68
Total	22173	100.00

Train

Origin SLAs	Total Commuters	% Commuters
Parramatta	6717	11.61
Campbelltown	6673	11.53
Blacktown South-East	6153	10.63
Bankstown	5444	9.41
Fairfield	4220	7.29
Holroyd	4214	7.28
Liverpool	4160	7.19
Penrith	3758	6.49
Baulkham Hills	3578	6.18
Auburn	3457	5.97
Blacktown South-West	3074	5.31
Blacktown North	2436	4.21
Blue Mountains	1425	2.46
Hawkesbury	1172	2.03
Wollondilly	740	1.28
Camden	652	1.13
Total	57873	100.00

Bus

Origin SLAs	Total Commuters	% Commuters
Parramatta	1999	31.38
Blacktown North	764	11.99
Fairfield	698	10.96
Blacktown South-West	680	10.67
Bankstown	601	9.43
Blacktown South-East	537	8.43
Auburn	445	6.98
Holroyd	428	6.72
Campbelltown	219	3.44
Total	6371	100.00

Ferry

Origin SLAs	Total Commuters	% Commuters
Parramatta	143	100.00

Taxi

Origin SLAs	Total Commuters	% Commuters
Bankstown	6914	84.65
Blacktown North	184	2.25
Parramatta	615	7.53
Penrith	455	5.57
Total	8168	100.00

Walk

Origin SLAs	Total Commuters	% Commuters
Parramatta	1462	17.12
Blacktown South-East	1458	17.07
Auburn	1118	13.09
Campbelltown	771	9.03
Fairfield	766	8.97
Bankstown	639	7.48
Blacktown North	584	6.84
Holroyd	529	6.19
Blacktown South-West	327	3.83
Liverpool	298	3.49
Baulkham Hills	251	2.94
Camden	196	2.29
Hawkesbury	142	1.66
Total	8541	100.00

Bike

Origin SLAs	Total Commuters	% Commuters
Blacktown South-East	439	30.19
Hawkesbury	360	24.76
Baulkham Hills	270	18.57
Bankstown	198	13.62
Auburn	187	12.86
Total	1454	100.00

Main destination of the travel to work in GWS

Summary

Destinations of the travel to work with more than 10.000 commuters (in rank order*) from the Great Western Sydney to:

- | | | | |
|----------------------|---------------------|----------------------------|-------------------------|
| 1. Parramatta | 5. Penrith | 8. Blacktown South- | 11. Campbelltown |
| 2. Fairfield | 6. Liverpool | East | 12. South Sydney |
| 3. Bankstown | 7. Auburn | 9. Baulkham Hills | |
| 4. Sydney Inner | | 10. Holroyd | |

*Obtained from the *Origin-Destination by Duration of travel* table. In **bold**, those GWS SLAs.

Data for Great Western Sydney

Destination SLAs	Total Commuters	% GWS Commuters	Destination SLAs	Total Commuters	% GWS Commuters
Parramatta	38149	10.57	Hurstville	1540	0.43
Fairfield	29177	8.08	Drummoyne	1460	0.40
Bankstown	25584	7.09	Sutherland Shire-West	1362	0.38
Sydney Inner	23991	6.65	Warringah	1272	0.35
Penrith	21348	5.91	Kogarah	1025	0.28
Liverpool	20763	5.75	Wollongong	887	0.25
Auburn	19895	5.51	Ku-Ring-Gai	814	0.23
Blacktown South-East	16852	4.67	Lane Cove	633	0.18
Baulkham Hills	16635	4.61	Hunters Hill	486	0.13
Holroyd	16478	4.56	Sutherland Shire-East	458	0.13
Campbelltown	12253	3.39	Wingecarribee	362	0.10
South Sydney	11721	3.25	Waverley	322	0.09
Blacktown South-West	9580	2.65	Central West	174	0.05
Sydney			Woollahra	84	0.02
Remainder	9469	2.62	Mosman	65	0.02
Hawkesbury	9280	2.57	Cessnock	0	0.00
Ryde	9184	2.54	Gosford	0	0.00
Blacktown North	7403	2.05	Kiama	0	0.00
Camden	5565	1.54	Lake Macquarie	0	0.00
North Sydney	5309	1.47	Maitland	0	0.00
Botany	4750	1.32	Manly	0	0.00
Strathfield	4366	1.21	Newcastle Inner	0	0.00
Hornsby	4083	1.13	Newcastle		
Blue Mountains	3840	1.06	Remainder	0	0.00
Willoughby	3645	1.01	Pittwater	0	0.00
Concord	3383	0.94	Port Stephens	0	0.00
Canterbury	3000	0.83	Shellharbour	0	0.00
Burwood	2751	0.76	Shoalhaven-PtA	0	0.00
Rockdale	2423	0.67	Shoalhaven-PtB	0	0.00
Ashfield	2027	0.56	Wyong	0	0.00
Randwick	1881	0.52	Act	0	0.00
Leichhardt	1875	0.52	Hunter SD Bal	0	0.00
Marrickville	1792	0.50	South Eastern	0	0.00
Wollondilly	1615	0.45	Total	361011	100.00

Annex

The Annex contains the analysed tables for GMA from where the data extraction for the GWS was done.

Duration of travel to work in the Great Metropolitan Area

Trips up to 15 mins in GMA

Origin SLAs	Commuters		
150 Ashfield	1820	5050 Maitland	4271
200 Auburn	4871	5150 Manly	1102
350 Bankstown	9869	5200 Marrickville	2734
500 Baulkham Hills	8324	5350 Mosman	842
751 Blacktown North	5172	5901 Newcastle Inner	1718
752 Blacktown South-East	5515	5902 Newcastle Remainder	14925
753 Blacktown South-West	3183	5950 North Sydney	10256
900 Blue Mountains	3372	6250 Parramatta	12672
1100 Botany	3005	6350 Penrith	8689
1300 Burwood	2470	6370 Pittwater	3384
1450 Camden	2669	6400 Port Stephens	2516
1500 Campbelltown	7111	6550 Randwick	8032
1550 Canterbury	3437	6650 Rockdale	6863
1720 Cessnock	2726	6700 Ryde	8154
1900 Concord	2179	6900 Shellharbour	5662
2550 Drummoyne	1607	6951 Shoalhaven-PtA	5232
2850 Fairfield	13830	6952 Shoalhaven-PtB	2565
3100 Gosford	7897	7070 South Sydney	12090
3800 Hawkesbury	3490	7100 Strathfield	1926
3950 Holroyd	6708	7151 Sutherland Shire-East	5416
4000 Hornsby	6075	7152 Sutherland Shire-West	4852
4100 Hunters Hill	471	7201 Sydney Inner	15396
4150 Hurstville	4578	7202 Sydney Remainder	5278
4400 Kiama	1740	8000 Warringah	9179
4450 Kogarah	5009	8050 Waverley	2788
4500 Ku-Ring-Gai	3168	8250 Willoughby	5835
4650 Lake Macquarie	10553	8350 Wingecarribee	3496
4700 Lane Cove	2286	8400 Wollondilly	1152
4800 Leichhardt	4244	8450 Wollongong	15148
4900 Liverpool	7383	8500 Woollahra	3523
		8550 Wyong	6552

Trip >15-20 mins in GMA

Origin SLAs	Commuters		
150 Ashfield	964	5902 Newcastle Remainder	3269
200 Auburn	655	5950 North Sydney	2426
350 Bankstown	3723	6250 Parramatta	2782
500 Baulkham Hills	1839	6350 Penrith	3398
751 Blacktown North	1936	6370 Pittwater	539
752 Blacktown South-East	2137	6400 Port Stephens	1435
753 Blacktown South-West	325	6550 Randwick	4688
900 Blue Mountains	685	6650 Rockdale	1941
1100 Botany	1145	6700 Ryde	2187
1300 Burwood	619	6900 Shellharbour	1581
1450 Camden	291	6951 Shoalhaven-PtA	940
1500 Campbelltown	627	6952 Shoalhaven-PtB	881
1550 Canterbury	3341	7070 South Sydney	3362
1720 Cessnock	774	7100 Strathfield	1474
1900 Concord	885	7151 Sutherland Shire-East	2133
2550 Drummoyne	648	7152 Sutherland Shire-West	1297
2850 Fairfield	4067	7201 Sydney Inner	2118
3100 Gosford	2594	7202 Sydney Remainder	1465
3800 Hawkesbury	839	8000 Warringah	2560
3950 Holroyd	1563	8050 Waverley	2443
4000 Hornsby	1217	8250 Willoughby	1918
4150 Hurstville	1054	8350 Wingecarribee	1127
4400 Kiama	179	8400 Wollondilly	250
4450 Kogarah	1357	8450 Wollongong	5635
4500 Ku-Ring-Gai	1744	8500 Woollahra	2747
4650 Lake Macquarie	5281	8550 Wyong	2195
4700 Lane Cove	685		
4800 Leichhardt	2253		
4900 Liverpool	4865		
5050 Maitland	833		
5150 Manly	320		
5200 Marrickville	2845		
5350 Mosman	734		

Trip >20-35 mins in GMA

Origin SLAs	Commuters		
150 Ashfield	2323	5050 Maitland	2312
200 Auburn	2664	5150 Manly	1475
350 Bankstown	8187	5200 Marrickville	6140
500 Baulkham Hills	5847	5350 Mosman	1532
751 Blacktown North	6135	5901 Newcastle Inner	567
752 Blacktown South-East	6283	5902 Newcastle Remainder	5405
753 Blacktown South-West	5686	5950 North Sydney	9858
900 Blue Mountains	1549	6250 Parramatta	9118
1100 Botany	1088	6350 Penrith	7626
1300 Burwood	2063	6370 Pittwater	2290
1450 Camden	2088	6400 Port Stephens	3224
1500 Campbelltown	5724	6550 Randwick	10169
1550 Canterbury	6450	6650 Rockdale	4947
1720 Cessnock	1265	6700 Ryde	7365
1900 Concord	2028	6900 Shellharbour	2283
2550 Drummoyne	1473	6951 Shoalhaven-PtA	1107
2850 Fairfield	9368	6952 Shoalhaven-PtB	1788
3100 Gosford	6591	7070 South Sydney	11905
3800 Hawkesbury	920	7100 Strathfield	3065
3950 Holroyd	5762	7151 Sutherland Shire-East	5561
4000 Hornsby	8365	7152 Sutherland Shire-West	7131
4100 Hunters Hill	702	7201 Sydney Inner	1058
4150 Hurstville	4462	7202 Sydney Remainder	1827
4400 Kiama	776	8000 Warringah	7249
4450 Kogarah	2470	8050 Waverley	4542
4500 Ku-Ring-Gai	6232	8250 Willoughby	5278
4650 Lake Macquarie	8971	8350 Wingecarribee	998
4700 Lane Cove	2679	8400 Wollondilly	1391
4800 Leichhardt	7150	8450 Wollongong	4664
4900 Liverpool	9688	8500 Woollahra	5032
		8550 Wyong	4688

Trip >35-50 mins in GMA

Origin SLAs	Commuters		
150 Ashfield	2427	5050 Maitland	1547
200 Auburn	1130	5150 Manly	1140
350 Bankstown	4418	5200 Marrickville	4019
500 Baulkham Hills	6556	5350 Mosman	1558
751 Blacktown North	3762	5901 Newcastle Inner	410
752 Blacktown South-East	2992	5902 Newcastle Remainder	1425
753 Blacktown South-West	1320	5950 North Sydney	5251
900 Blue Mountains	1808	6250 Parramatta	6025
1100 Botany	1256	6350 Penrith	4882
1300 Burwood	2769	6370 Pittwater	1658
1450 Camden	1627	6400 Port Stephens	1304
1500 Campbelltown	5853	6550 Randwick	6475
1550 Canterbury	3306	6650 Rockdale	3593
1720 Cessnock	1049	6700 Ryde	5421
1900 Concord	1989	6900 Shellharbour	192
2550 Drummoyne	921	6952 Shoalhaven-PtB	375
2850 Fairfield	4960	7070 South Sydney	8160
3100 Gosford	2025	7100 Strathfield	3260
3800 Hawkesbury	1994	7151 Sutherland Shire- East	2542
3950 Holroyd	2332	7152 Sutherland Shire- West	3681
4000 Hornsby	5384	7201 Sydney Inner	132
4100 Hunters Hill	338	7202 Sydney Remainder	1586
4150 Hurstville	2905	8000 Warringah	6662
4400 Kiama	344	8050 Waverley	3283
4450 Kogarah	3694	8250 Willoughby	5107
4500 Ku-Ring-Gai	5407	8350 Wingecarribee	1008
4650 Lake Macquarie	3099	8400 Wollondilly	943
4700 Lane Cove	1697	8450 Wollongong	2348
4800 Leichhardt	5454	8500 Woollahra	1665
4900 Liverpool	4167	8550 Wyong	1645

Trip >50 mins in GMA

Origin SLAs	Commuters		
150 Ashfield	2055	5150 Manly	3353
200 Auburn	3769	5200 Marrickville	2967
350 Bankstown	7370	5350 Mosman	1244
500 Baulkham Hills	10436	5901 Newcastle Inner	102
751 Blacktown North	2986	5902 Newcastle Remainder	443
752 Blacktown South-East	6151	5950 North Sydney	787
753 Blacktown South-West	5449	6250 Parramatta	8690
900 Blue Mountains	2882	6350 Penrith	5580
1100 Botany	1413	6370 Pittwater	3159
1300 Burwood	1740	6400 Port Stephens	770
1450 Camden	1461	6550 Randwick	4293
1500 Campbelltown	10354	6650 Rockdale	4187
1550 Canterbury	6336	6700 Ryde	4315
1720 Cessnock	1144	6900 Shellharbour	1170
1900 Concord	1081	6952 Shoalhaven-PtB	566
2550 Drummoyne	1828	7070 South Sydney	2023
2850 Fairfield	4869	7100 Strathfield	1925
3100 Gosford	9148	7151 Sutherland Shire-East	6449
3800 Hawkesbury	2551	7152 Sutherland Shire-West	8212
3950 Holroyd	4636	7201 Sydney Inner	751
4000 Hornsby	10021	7202 Sydney Remainder	1336
4100 Hunters Hill	153	8000 Warringah	9211
4150 Hurstville	4578	8050 Waverley	2445
4400 Kiama	371	8250 Willoughby	1122
4450 Kogarah	2721	8350 Wingecarribee	1209
4500 Ku-Ring-Gai	3942	8400 Wollondilly	1763
4650 Lake Macquarie	2351	8450 Wollongong	5024
4700 Lane Cove	1159	8500 Woollahra	1140
4800 Leichhardt	746	8550 Wyong	4588
4900 Liverpool	5267	9030 Victoria	157
5050 Maitland	992	9040 Queensland	179
		9610 Hunter SD Bal	164

Distance of travel to work in the Great Metropolitan Area

Trips up to 5km in GMA

Origin SLAs	Commuters		
		5050 Maitland	1548
150 Ashfield	1358	5150 Manly	1460
200 Auburn	2977	5200 Marrickville	2650
350 Bankstown	4603	5350 Mosman	1184
500 Baulkham Hills	2001	5901 Newcastle Inner	1682
751 Blacktown North	583	5902 Newcastle Remainder	9363
752 Blacktown South-East	3281	5950 North Sydney	10959
753 Blacktown South-West	1818	6250 Parramatta	7275
900 Blue Mountains	1713	6350 Penrith	2153
1100 Botany	2224	6370 Pittwater	2810
1300 Burwood	1594	6400 Port Stephens	1245
1450 Camden	1122	6550 Randwick	5257
1500 Campbelltown	2871	6650 Rockdale	2020
1550 Canterbury	1792	6700 Ryde	3966
1720 Cessnock	780	6900 Shellharbour	2680
1900 Concord	1488	6951 Shoalhaven-PtA	2902
2550 Drummoynes	860	6952 Shoalhaven-PtB	319
2850 Fairfield	8605	7070 South Sydney	18194
3100 Gosford	4594	7100 Strathfield	1376
3800 Hawkesbury	1156	7151 Sutherland Shire-East	3424
3950 Holroyd	2754	7152 Sutherland Shire-West	2042
4000 Hornsby	2869	7201 Sydney Inner	16778
4100 Hunters Hill	320	7202 Sydney Remainder	7858
4150 Hurstville	2603	8000 Warringah	5740
4400 Kiama	1127	8050 Waverley	2421
4450 Kogarah	3844	8250 Willoughby	4095
4500 Ku-Ring-Gai	1590	8350 Wingecarribee	1192
4650 Lake Macquarie	3906	8400 Wollondilly	291
4700 Lane Cove	2210	8450 Wollongong	5442
4800 Leichhardt	5514	8500 Woollahra	5092
4900 Liverpool	4492	8550 Wyong	3160

Trips >5-10kms in GMA

Origin SLAs	Commuters		
150 Ashfield	2563	5050 Maitland	2602
200 Auburn	3080	5150 Manly	320
350 Bankstown	7355	5200 Marrickville	7770
500 Baulkham Hills	6240	5350 Mosman	2044
751 Blacktown North	3099	5901 Newcastle Inner	656
752 Blacktown South-East	2479	5902 Newcastle Remainder	8432
753 Blacktown South-West	2017	5950 North Sydney	12810
900 Blue Mountains	604	6250 Parramatta	10001
1100 Botany	2637	6350 Penrith	4266
1300 Burwood	1149	6370 Pittwater	723
1450 Camden	1373	6400 Port Stephens	563
1500 Campbelltown	2092	6550 Randwick	15633
1550 Canterbury	4463	6650 Rockdale	6800
1720 Cessnock	531	6700 Ryde	5930
1900 Concord	1155	6900 Shellharbour	2488
2550 Drummoyne	1912	6951 Shoalhaven-PtA	2946
2850 Fairfield	6209	6952 Shoalhaven-PtB	629
3100 Gosford	2638	7070 South Sydney	14258
3800 Hawkesbury	1375	7100 Strathfield	2536
3950 Holroyd	5095	7151 Sutherland Shire-East	3405
4000 Hornsby	3455	7152 Sutherland Shire-West	2834
4100 Hunters Hill	151	7201 Sydney Inner	525
4150 Hurstville	2886	7202 Sydney Remainder	1853
4400 Kiama	443	8000 Warringah	5897
4450 Kogarah	1943	8050 Waverley	6233
4500 Ku-Ring-Gai	2697	8250 Willoughby	7256
4650 Lake Macquarie	5940	8350 Wingecarribee	1563
4700 Lane Cove	2616	8400 Wollondilly	229
4800 Leichhardt	8243	8450 Wollongong	9665
4900 Liverpool	4598	8500 Woollahra	5908
		8550 Wyong	1770

Trips >10-15 kms in GMA

Origin SLAs	Commuters		
150 Ashfield	3370	5050 Maitland	911
200 Auburn	1752	5150 Manly	1604
350 Bankstown	5670	5200 Marrickville	4668
500 Baulkham Hills	4351	5350 Mosman	2078
751 Blacktown North	2709	5901 Newcastle Inner	67
752 Blacktown South-East	2545	5902 Newcastle Remainder	4114
753 Blacktown South-West	682	5950 North Sydney	3728
900 Blue Mountains	1818	6250 Parramatta	4652
1100 Botany	1602	6350 Penrith	4218
1300 Burwood	2298	6370 Pittwater	1199
1450 Camden	198	6400 Port Stephens	1005
1500 Campbelltown	3132	6550 Randwick	7786
1550 Canterbury	6090	6650 Rockdale	5075
1720 Cessnock	568	6700 Ryde	7998
1900 Concord	2318	6900 Shellharbour	1372
2550 Drummoyne	2195	6951 Shoalhaven-PtA	445
2850 Fairfield	9365	6952 Shoalhaven-PtB	958
3100 Gosford	3678	7070 South Sydney	2122
3800 Hawkesbury	1023	7100 Strathfield	3142
3950 Holroyd	3836	7151 Sutherland Shire-East	2265
4000 Hornsby	4306	7152 Sutherland Shire-West	3447
4100 Hunters Hill	889	7201 Sydney Inner	955
4150 Hurstville	3075	7202 Sydney Remainder	279
4400 Kiama	361	8000 Warringah	6050
4450 Kogarah	3443	8050 Waverley	3893
4500 Ku-Ring-Gai	6033	8250 Willoughby	5265
4650 Lake Macquarie	5516	8350 Wingecarribee	1049
4700 Lane Cove	2185	8400 Wollondilly	130
4800 Leichhardt	4251	8450 Wollongong	7228
4900 Liverpool	4625	8500 Woollahra	2220
		8550 Wyong	2248

Trips >15-25 kms in GMA

Origin SLAs	Commuters		
150 Ashfield	1768	5050 Maitland	1018
200 Auburn	3540	5150 Manly	4006
350 Bankstown	9759	5200 Marrickville	2438
500 Baulkham Hills	7430	5350 Mosman	605
751 Blacktown North	7207	5901 Newcastle Inner	150
752 Blacktown South-East	6165	5902 Newcastle Remainder	2463
753 Blacktown South-West	5651	5950 North Sydney	466
900 Blue Mountains	1207	6250 Parramatta	9673
1100 Botany	1095	6350 Penrith	6191
1300 Burwood	4327	6370 Pittwater	1578
1450 Camden	1802	6400 Port Stephens	1248
1500 Campbelltown	4102	6550 Randwick	3417
1550 Canterbury	8601	6650 Rockdale	6079
1720 Cessnock	1783	6700 Ryde	8282
1900 Concord	2984	6900 Shellharbour	2986
2550 Drummoyne	679	6951 Shoalhaven-PtA	516
2850 Fairfield	6922	6952 Shoalhaven-PtB	2069
3100 Gosford	4513	7070 South Sydney	2317
3800 Hawkesbury	1716	7100 Strathfield	4269
3950 Holroyd	3778	7151 Sutherland Shire-East	7234
4000 Hornsby	9663	7152 Sutherland Shire-West	6063
4100 Hunters Hill	304	7201 Sydney Inner	652
4150 Hurstville	7076	7202 Sydney Remainder	1264
4400 Kiama	482	8000 Warringah	12698
4450 Kogarah	4664	8050 Waverley	1908
4500 Ku-Ring-Gai	7471	8250 Willoughby	2129
4650 Lake Macquarie	6535	8350 Wingecarribee	1260
4700 Lane Cove	1001	8400 Wollondilly	815
4800 Leichhardt	1215	8450 Wollongong	2595
4900 Liverpool	8430	8500 Woollahra	746
		8550 Wyong	4472

Trips > 25 kms in GMA

Origin SLAs	Commuters		
150 Ashfield	531	5050 Maitland	2415
200 Auburn	1739	5200 Marrickville	1179
350 Bankstown	6176	5901 Newcastle Inner	184
500 Baulkham Hills	12982	5902 Newcastle Remainder	1096
751 Blacktown North	6397	5950 North Sydney	614
752 Blacktown South-East	8607	6250 Parramatta	7692
753 Blacktown South-West	5796	6350 Penrith	13347
900 Blue Mountains	4782	6370 Pittwater	4720
1100 Botany	347	6400 Port Stephens	4960
1300 Burwood	291	6550 Randwick	1562
1450 Camden	3644	6650 Rockdale	1557
1500 Campbelltown	17473	6700 Ryde	1270
1550 Canterbury	1919	6900 Shellharbour	1362
1720 Cessnock	2312	6951 Shoalhaven-PtA	470
1900 Concord	215	6952 Shoalhaven-PtB	2200
2550 Drummoyne	830	7070 South Sydney	649
2850 Fairfield	5992	7100 Strathfield	326
3100 Gosford	12830	7151 Sutherland Shire-East	5776
3800 Hawkesbury	4521	7152 Sutherland Shire-West	10788
3950 Holroyd	5537	7201 Sydney Inner	148
4000 Hornsby	10770	7202 Sydney Remainder	239
4150 Hurstville	1940	8000 Warringah	4473
4400 Kiama	998	8050 Waverley	1045
4450 Kogarah	1357	8250 Willoughby	515
4500 Ku-Ring-Gai	2701	8350 Wingecarribee	2614
4650 Lake Macquarie	8356	8400 Wollondilly	4032
4700 Lane Cove	247	8450 Wollongong	7689
4800 Leichhardt	625	8500 Woollahra	139
4900 Liverpool	9225	8550 Wyong	8018

Mode of transport for the travel to work in GMA

Vehicle driver

Origin SLAs	Commuters		
		5150 Manly	2964
150 Ashfield	4840	5200 Marrickville	9985
200 Auburn	7730	5350 Mosman	3259
350 Bankstown	24433	5901 Newcastle Inner	1653
500 Baulkham Hills	26018	5902 Newcastle Remainder	20492
751 Blacktown North	14362	5950 North Sydney	9350
752 Blacktown South-East	14041	6250 Parramatta	25681
753 Blacktown South-West	9865	6350 Penrith	23093
900 Blue Mountains	8604	6370 Pittwater	8532
1100 Botany	4202	6400 Port Stephens	8219
1300 Burwood	4595	6550 Randwick	19233
1450 Camden	7095	6650 Rockdale	11507
1500 Campbelltown	20137	6700 Ryde	20461
1550 Canterbury	11962	6900 Shellharbour	10030
1720 Cessnock	6388	6951 Shoalhaven-PtA	5994
1900 Concord	4618	6952 Shoalhaven-PtB	5740
2550 Drummoyne	4173	7070 South Sydney	14725
2850 Fairfield	27775	7100 Strathfield	8312
3100 Gosford	18906	7151 Sutherland Shire-East	16467
3800 Hawkesbury	7643	7152 Sutherland Shire-West	17276
3950 Holroyd	14480	7201 Sydney Inner	3351
4000 Hornsby	21230	7202 Sydney Remainder	2112
4100 Hunters Hill	1019	8000 Warringah	23632
4150 Hurstville	10489	8050 Waverley	8580
4400 Kiama	2980	8250 Willoughby	9884
4450 Kogarah	9616	8350 Wingecarribee	6954
4500 Ku-Ring-Gai	15317	8400 Wollondilly	4758
4650 Lake Macquarie	26897	8450 Wollongong	26762
4700 Lane Cove	4537	8500 Woollahra	6888
4800 Leichhardt	8121	8550 Wyong	16232
4900 Liverpool	25331	9610 Hunter SD Bal	164
5050 Maitland	9186		

Vehicle passenger

Origin SLAs	Commuters		
150 Ashfield	101	5150 Manly	320
200 Auburn	151	5200 Marrickville	327
350 Bankstown	2066	5350 Mosman	186
500 Baulkham Hills	587	5901 Newcastle Inner	77
751 Blacktown North	1611	5902 Newcastle Remainder	2228
752 Blacktown South-East	448	5950 North Sydney	1035
753 Blacktown South-West	2018	6250 Parramatta	2831
900 Blue Mountains	269	6350 Penrith	3093
1100 Botany	634	6370 Pittwater	595
1300 Burwood	328	6400 Port Stephens	262
1450 Camden	194	6550 Randwick	1989
1500 Campbelltown	1867	6650 Rockdale	3160
1550 Canterbury	1243	6700 Ryde	1774
1720 Cessnock	291	6900 Shellharbour	224
1900 Concord	853	6951 Shoalhaven-PTA	496
2850 Fairfield	3634	6952 Shoalhaven-PtB	90
3100 Gosford	1296	7070 South Sydney	931
3800 Hawkesbury	475	7100 Strathfield	500
3950 Holroyd	1350	7151 Sutherland Shire-East	515
4000 Hornsby	333	7152 Sutherland Shire-West	794
4150 Hurstville	1589	7201 Sydney Inner	422
4400 Kiama	54	7202 Sydney Remainder	379
4450 Kogarah	1695	8000 Warringah	2349
4500 Ku-Ring-Gai	424	8050 Waverley	1099
4650 Lake Macquarie	2087	8250 Willoughby	645
4700 Lane Cove	802	8350 Wingecarribee	443
4800 Leichhardt	728	8450 Wollongong	2083
4900 Liverpool	1579	8500 Woollahra	575
		8550 Wyong	1917

Train

Origin SLAs	Commuters		
150 Ashfield	3162	4700 Lane Cove	894
200 Auburn	3457	4800 Leichhardt	561
350 Bankstown	5444	4900 Liverpool	4160
500 Baulkham Hills	3578	5050 Maitland	769
751 Blacktown North	2436	5200 Marrickville	5751
752 Blacktown South-East	6153	5950 North Sydney	4467
753 Blacktown South-West	3074	6250 Parramatta	6717
900 Blue Mountains	1425	6350 Penrith	3758
1100 Botany	368	6370 Pittwater	206
1300 Burwood	3558	6550 Randwick	1796
1450 Camden	652	6650 Rockdale	6622
1500 Campbelltown	6673	6700 Ryde	2496
1550 Canterbury	7626	6900 Shellharbour	322
1720 Cessnock	116	7070 South Sydney	5561
1900 Concord	1913	7100 Strathfield	2375
2550 Drummoyne	319	7151 Sutherland Shire-East	4445
2850 Fairfield	4220	7152 Sutherland Shire-West	6385
3100 Gosford	6350	7201 Sydney Inner	624
3800 Hawkesbury	1172	7202 Sydney Remainder	1639
3950 Holroyd	4214	8000 Warringah	1539
4000 Hornsby	7943	8050 Waverley	2389
4150 Hurstville	4963	8250 Willoughby	3669
4400 Kiama	215	8400 Wollondilly	740
4450 Kogarah	3253	8450 Wollongong	3072
4500 Ku-Ring-Gai	4316	8500 Woollahra	2316
4650 Lake Macquarie	550	8550 Wyong	1179

Bus

Origin SLAs	Commuters		
150 Ashfield	714	5200 Marrickville	1787
200 Auburn	445	5350 Mosman	1187
350 Bankstown	601	5901 Newcastle Inner	333
500 Baulkham Hills	2301	5902 Newcastle Remainder	783
751 Blacktown North	764	5950 North Sydney	4834
752 Blacktown South-East	537	6250 Parramatta	1999
753 Blacktown South-West	680	6370 Pittwater	1000
1100 Botany	2072	6400 Port Stephens	768
1300 Burwood	213	6550 Randwick	8681
1500 Campbelltown	219	6650 Rockdale	241
1550 Canterbury	1041	6700 Ryde	2287
1900 Concord	101	7070 South Sydney	6616
2550 Drummoyne	869	7100 Strathfield	253
2850 Fairfield	698	7152 Sutherland Shire-West	227
3950 Holroyd	428	7201 Sydney Inner	139
4000 Hornsby	727	7202 Sydney Remainder	1704
4100 Hunters Hill	491	8000 Warringah	5500
4500 Ku-Ring-Gai	309	8050 Waverley	1728
4650 Lake Macquarie	234	8250 Willoughby	2067
4700 Lane Cove	1597	8450 Wollongong	150
4800 Leichhardt	7125	8500 Woollahra	1577
5150 Manly	2160	8550 Wyong	260

Ferry

Origin SLAs	Commuters		
1900 Concord	131	5950 North Sydney	1909
2550 Drummoyne	381	6250 Parramatta	143
4100 Hunters Hill	154	6370 Pittwater	186
4700 Lane Cove	222	7151 Sutherland Shire-East	306
4800 Leichhardt	242	8000 Warringah	185
5150 Manly	1083	8050 Waverley	553
5350 Mosman	826	8500 Woollahra	593

Taxi

Origin SLAs	Commuters		
350 Bankstown	184	5950 North Sydney	615
751 Blacktown North	237	6250 Parramatta	455
1100 Botany	392	6350 Penrith	230
3100 Gosford	239	6550 Randwick	786
4150 Hurstville	275	6700 Ryde	222
4800 Leichhardt	63	7070 South Sydney	568
5150 Manly	304	7100 Strathfield	115
5200 Marrickville	139	7202 Sydney Remainder	325
		8500 Woollahra	156

Bike

Origin SLAs	Commuters		
150 Ashfield	179	5350 Mosman	186
200 Auburn	187	5901 Newcastle Inner	45
350 Bankstown	198	5902 Newcastle Remainder	717
500 Baulkham Hills	270	5950 North Sydney	365
752 Blacktown South-East	439	6550 Randwick	301
1100 Botany	240	6700 Ryde	203
1550 Canterbury	147	7070 South Sydney	967
1900 Concord	133	7151 Sutherland Shire-East	150
2550 Drummoyne	242	7201 Sydney Inner	225
3100 Gosford	409	8000 Warringah	548
3800 Hawkesbury	360	8050 Waverley	150
4450 Kogarah	255	8350 Wingecarribee	173
5200 Marrickville	435	8450 Wollongong	386
		8500 Woollahra	138

Walk

Origin SLAs	Commuters		
150 Ashfield	593	4900 Liverpool	298
200 Auburn	1118	5150 Manly	559
350 Bankstown	639	5200 Marrickville	283
500 Baulkham Hills	251	5350 Mosman	267
751 Blacktown North	584	5901 Newcastle Inner	690
752 Blacktown South-East	1458	5902 Newcastle Remainder	1247
753 Blacktown South-West	327	5950 North Sydney	6003
1300 Burwood	964	6250 Parramatta	1462
1450 Camden	196	6370 Pittwater	512
1500 Campbelltown	771	6550 Randwick	874
1550 Canterbury	852	6900 Shellharbour	312
1720 Cessnock	163	6951 Shoalhaven-PtA	789
1900 Concord	411	6952 Shoalhaven-PtB	345
2550 Drummoyne	494	7070 South Sydney	8174
2850 Fairfield	766	7100 Strathfield	92
3100 Gosford	1053	7151 Sutherland Shire-East	217
3800 Hawkesbury	142	7152 Sutherland Shire-West	489
3950 Holroyd	529	7201 Sydney Inner	14693
4000 Hornsby	829	7202 Sydney Remainder	5332
4150 Hurstville	260	8000 Warringah	1108
4400 Kiama	162	8050 Waverley	1002
4450 Kogarah	434	8250 Willoughby	2996
4500 Ku-Ring-Gai	130	8350 Wingecarribee	267
4650 Lake Macquarie	486	8450 Wollongong	369
4700 Lane Cove	455	8500 Woollahra	1862
4800 Leichhardt	2724	8550 Wyong	81

Main destination of the travel to work in GMA

Destination SLAs	Commuters		
		753 Blacktown South-West	10271
7201 Sydney Inner	147472	1900 Concord	9714
7070 South Sydney	59902	3800 Hawkesbury	9670
6250 Parramatta	52538	7152 Sutherland Shire-West	9457
7202 Sydney Remainder	49837	6951 Shoalhaven-PtA	9143
5950 North Sydney	42714	6400 Port Stephens	8856
350 Bankstown	36577	8500 Woollahra	8656
8250 Willoughby	32814	4500 Ku-Ring-Gai	7820
6700 Ryde	32800	4450 Kogarah	7765
8450 Wollongong	31959	751 Blacktown North	7740
2850 Fairfield	31953	1300 Burwood	7550
5902 Newcastle Remainder	27444	4700 Lane Cove	7176
1100 Botany	26841	5050 Maitland	7142
200 Auburn	26066	6900 Shellharbour	6598
4900 Liverpool	25712	8350 Wingecarribee	6547
6350 Penrith	22600	150 Ashfield	5960
500 Baulkham Hills	22351	1450 Camden	5952
3100 Gosford	21228	6370 Pittwater	5848
4650 Lake Macquarie	20237	8050 Waverley	5646
8000 Warringah	19479	1720 Cessnock	4355
3950 Holroyd	18858	2550 Drummoyne	4123
752 Blacktown South-East	18718	900 Blue Mountains	3840
6550 Randwick	17563	5150 Manly	3426
4000 Hornsby	16659	6952 Shoalhaven-PtB	3354
1500 Campbelltown	14669	5350 Mosman	2861
8550 Wyong	14499	8400 Wollondilly	2787
6650 Rockdale	12891	9610 Hunter SD Bal	2731
7151 Sutherland Shire-East	12694	4400 Kiama	2494
4800 Leichhardt	12632	4100 Hunters Hill	1653
5200 Marrickville	12439	9999 Unknown	396
4150 Hurstville	11382	9645 South Eastern	364
5901 Newcastle Inner	11291	9080 Act	248
7100 Strathfield	10992	9640 Central West	174
1550 Canterbury	10845	Total	1106973