



Lower Hunter/ Lake Macquarie Region



Information about people, facilities, services and travel patterns to support the process of consultation with stakeholders

**Profile of OMBSCs 1, 2, 3 and 4
Lower Hunter/Lake Macquarie Region**

October 2009

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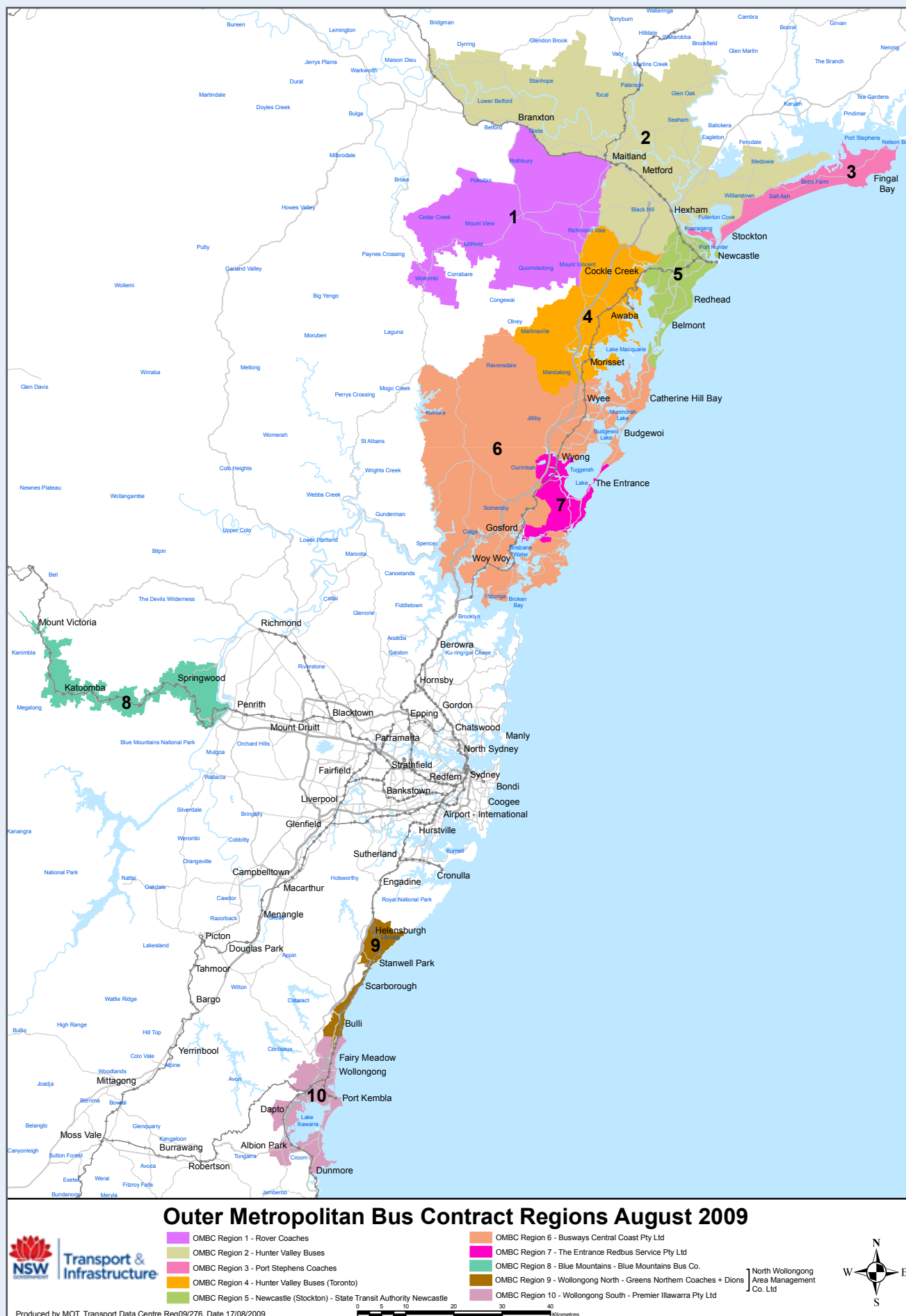
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NSW Transport and Infrastructure

Profile of OMBSCs 1, 2, 3 and 4: Lower Hunter/Lake Macquarie Region
October 2009



1. Introduction

This Profile is provided by NSW Transport & Infrastructure to support the planning and review of an integrated bus network in Outer Metropolitan Bus System Contract (OMBSC) Regions 1, 2, 3, and 4 (Lower Hunter/Lake Macquarie Region).

As an informed process of consultation between stakeholders, bus operators and NSW Transport & Infrastructure is a vital element of planning and reviewing an integrated bus network, this Profile provides stakeholders with relevant information about the people, facilities, services and travel patterns within the Lower Hunter/Lake Macquarie region.

While the information in this Profile is the best available at the time of publication, sources are not necessarily consistent. Readers are therefore advised to refer to original data when assessing any possible limitations to the information contained in this Profile.

Sources for the information provided in this Profile are listed in Appendix 7.

2. About Bus Reform

Bus Reform is about providing an efficient, statewide bus network that is integrated with other modes of transport, sets a standard level of services and fares, and continues to meet the changing needs of the community.

The 2003 Unsworth Review of Bus Services showed New South Wales did not have an effective bus network. Most bus routes were based on original school services and planning bus networks was the sole responsibility of bus operators. Any bus operating contracts that did exist were 'perpetual' and had few performance requirements.

In response to the findings of the Unsworth Review, NSW Government launched Bus Reform in January 2005 – immediately reducing the number of bus operating regions in New South Wales from 87 to 27 and, after a tendering process, appointing one bus operator – or a consortium of operators – to operate bus services in each new contract region.

As a result, there are now 15 contract regions in metropolitan Sydney, 10 in outer metropolitan Sydney, and two in rural and regional New South Wales. The boundaries of the new contract regions in New South Wales are defined for administrative purposes and, where possible, follow the boundaries of Local Government Areas (LGAs) and significant geographic features. Sometimes the boundaries cut across LGAs and other community areas, as well as through some people's travel patterns.

Bus operators appointed to each region have entered a seven-year contract with NSW Transport & Infrastructure, giving the government more control than it has ever had before over passenger bus transport services in the state.

Bus services in OMBSC 1 (Cessnock and surrounds) are provided by Rover Coaches, OMBSC 2 (Maitland and surrounds) by Hunter Valley Buses, OMBSC 3 (Port Stephens to Newcastle) by Port Stephens Coaches P/L and in OMBSC 4 (Western Lake Macquarie) by Hunter Valley Buses. Hunter Valley Buses is a division of Comfort Delgro Cabcharge.

3. Bus contract regions in the Lower Hunter/Lake Macquarie Region

OMBSC Regions 1, 2, 3, and 4 are in the Lower Hunter/Lake Macquarie region, approximately one hundred and twenty kilometres north of Sydney.

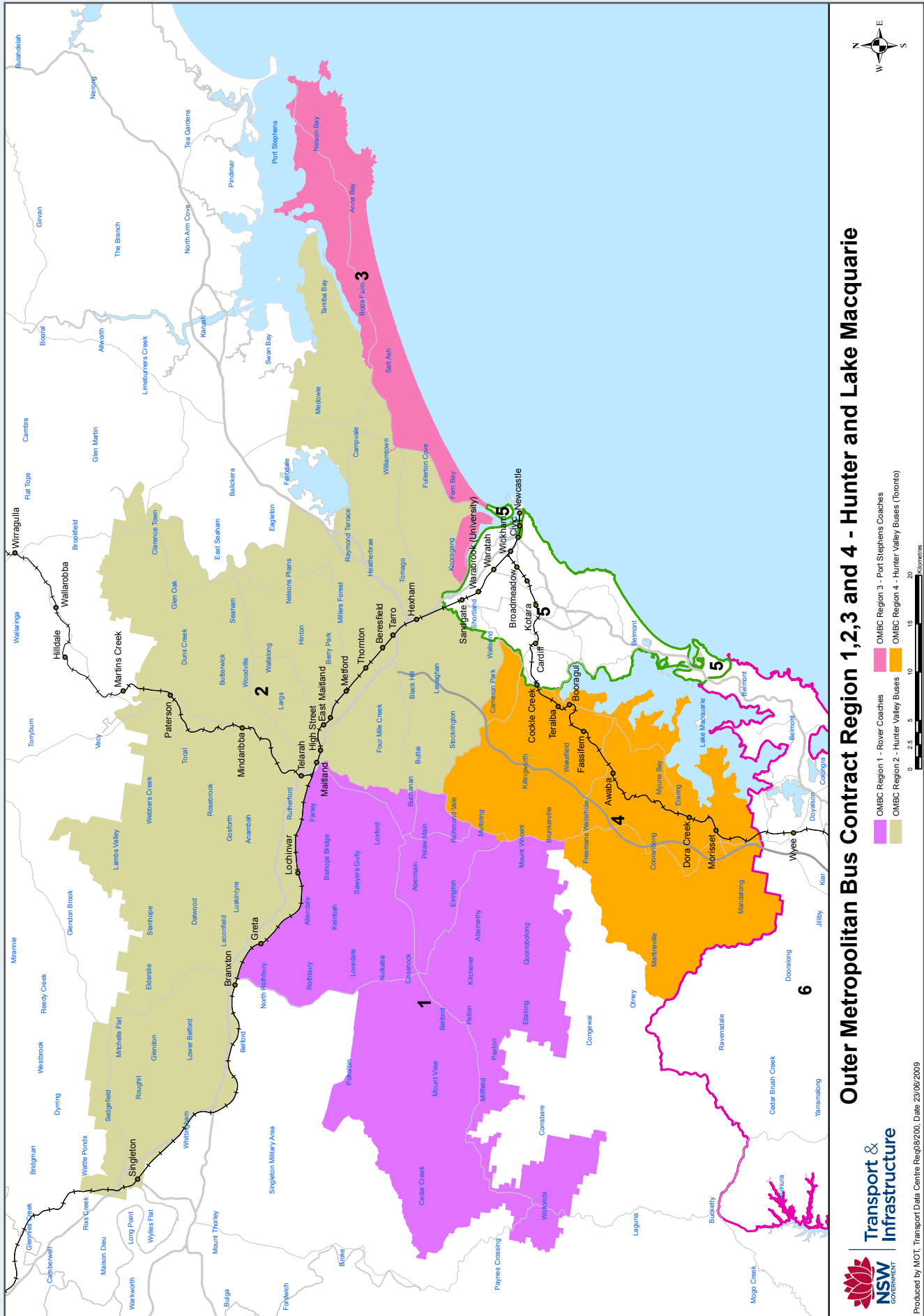
Location

OMBSC 1 is centred on the city of Cessnock and encompasses the area west of Maitland, south of Branxton, north of Wollombi and east of Coolawine Creek. OMBSC 2 is centred on Maitland and reaches to Singleton in the west, Lemon Tree Passage in the east, West Wallsend in the south and the localities of Clarence Town, Paterson and Lambs Valley in the north. OMBSC 3 stretches along the east coast from Port Stephens to Kooragang Island, north of the City of Newcastle with its western border running east of Tilligerry Creek and the RAAF's Williamtown Air Base (also Newcastle's regional airport). OMBSC 4 takes in the area west of Lake Macquarie with Morisset and Mandalong in the south, Martinsville in the west and West Wallsend in the north.

Land area and population density

Together, OMBSCs 1, 2, 3, and 4 cover an area of 3,400,540 hectares or 3,400.5 square kilometres and are home for 248,889 people (2006).

Region code	Contractor	State Electorate	% of State Electorate in contract region
OMBSC 1	Rover Motors	Cessnock	52.8
		Maitland	6.2
OMBSC 2	Hunter Valley Buses (Comfort Delgro Cabcharge)	Maitland	81.6
		Cessnock	16.5
		Upper Hunter	1.3
		Port Stephens	25.8
		Wallsend	45.7
OMBSC 3	Port Stephens Coaches	Port Stephens	18.0
		Newcastle	3.6
OMBSC 4	Hunter Valley Buses (Comfort Delgro Cabcharge)	Lake Macquarie	38.2
		Cessnock	6.1
		Wallsend	5.7



3. Bus contract regions *continued...*

Local Government Areas (LGAs)

OMBSC 1 includes 40.6% of the Cessnock LGA and 10.7% of the Maitland LGA with very small parts of the Lake Macquarie (0.002%) and Singleton (0.006%) LGAs.

OMBSC 2 includes 89.3% of the Maitland LGA, 74.6% of the Port Stephens LGA, 57.8% of the Newcastle LGA, 7.07% of the Dungog LGA, 7% of the Singleton LGA, 4.6% of the Cessnock LGA and 1.4% of the Lake Macquarie LGA.

OMBSC 3 includes 39.9% of the Port Stephens LGA and 11.6% of the Newcastle LGA.

OMBSC 4 includes 69.9% of the Lake Macquarie LGA, 2.5% of the Cessnock LGA and 1.5% of the Newcastle LGA.

Suburbs

A list of suburbs in the Lower Hunter/Lake Macquarie contract areas (and their populations) is provided in Chapter 5 - The Population (page 15).

State Electorates

OMBSC 1 sits within the electorate of Cessnock and has a small area in the electorate of Maitland. The principal electorate in OMBSC 2 is Maitland and it has areas which are in the Cessnock, Upper Hunter, Port Stephens and Wallsend electorates. OMBSC 3 sits within the Port Stephens electorate with an extension into Newcastle. OMBSC 4 is mainly in the electorate of Lake Macquarie with its northern section entering the Cessnock and Wallsend electorates.

Key centres

Places well-served by public transport are usually key centres for employment, shopping, education, recreation and health. The NSW Government's Lower Hunter Regional Strategy defines three types of key centres:

Regional city

- Newcastle

Newcastle is the major centre in the Lower Hunter/Lake Macquarie region. It has a significant retail centre and business district, and will continue to increase in economic and employment strength. It provides high order administration services, education and health services, cultural and recreational facilities, and high density commercial and residential development.

Major regional centres

- Cessnock
- Maitland
- Raymond Terrace
- Charlestown

These major regional centres provide a concentration of residential dwellings, including medium and sometimes high density living, business employment, professional services, department stores, specialised shops, subregional road transport networks, and servicing for a number of surrounding districts.

Emerging major regional centres

- Morisset
- Glendale/Cardiff

3. Bus contract regions *continued...*

Employment lands

- Newcastle City Centre
- University of Newcastle, Callaghan
- Hunter Institute of Technology (Campuses at Belmont, Cessnock, Charlestown, Glendale, Hamilton, Kurri Kurri, Maitland and Newcastle)
- Carrington port facilities including grain silos and Forgacs dockyard
- Kooragang Island including cement works, CIG and coal loader
- Port Waratah coal loader, Tighes Hill
- Broadmeadow railway depot and Goninans

- Mayfield/Mayfield North heavy industrial area
- Gretley Quarry, Elmore Vale & Wallsend
- Readymix Quarry, Teralba
- Eraring power generation area & Myuna Bay colliery
- Singleton power generation and colliery area
- Winery and tourism sector, Pokolbin

Employment lands are factories, warehouses and offices, high tech manufacturing, transport logistics and major storage operations. The list also includes major educational and tourism employment lands.

4. Services and facilities

Education and learning

In OMBSCs 1, 2, 3, and 4 combined there are 113 government primary schools, 19 government secondary schools, 6 government schools for special purposes and one government 'community' school. There are 24 non-government primary schools, 5 non-government secondary schools and 11 non-government combined primary/secondary schools. Many students who live in OMBSCs 1, 2, 3, and 4 attend schools in OMBSC 5.

For students in OMBSCs 1, 2, 3 and 4 the University of Newcastle is the main tertiary education facility and is located in OMBSC 5. There are also eight campuses of the Hunter Institute of Technology in the Lower Hunter/Lake Macquarie area, four of which are in OMBSC 5 (see Appendix 3).

In 2006, 16.1% of people attended primary or secondary schools in OMBSCs 1, 2, 3, and 4, which was slightly higher than the average 15% across all Contract Regions and 15.1% for NSW. The 4.7% of the population undertaking tertiary education is lower than the 6.1% for NSW as a whole.

4. Services and facilities *continued...*

Percentage of residents in OMBSCs 1, 2, 3, and 4 attending an education centre, 2006

Education institution	% in OMBSCs 1, 2, 3 & 4	% in NSW
Pre school	1.9	1.7
Primary school	9.2	8.4
High school	6.9	6.7
Technical or further education	2.4	2.5
University or other tertiary	2.3	3.6
Other type of educational institution	0.4	0.6
Institution not stated	6.8	8.5
Not attending	70.2	67.9
Total	100.0%	100.0%

Source: 2006 Census

The schools in OMBSCs 1, 2, 3, and 4 are listed in Appendices 1 and 2.

Libraries

The nineteen public libraries in OMBSC 1, 2, 3, and 4 are listed in Appendix 4.

Hospitals

The six public hospitals and three private hospitals in OMBSCs 1, 2, 3, and 4 are listed below.

Region	Hospital	Suburb	Public or private?
OMBSC 1	Cessnock District	Cessnock	Public
	Kurri Kurri District	Kurri Kurri	Public
OMBSC 2	Maitland Hospital	Maitland	Public
	Maitland Private Hospital	Ashtonfield	Private
	Singleton District	Singleton	Public
OMBSC 3	Tomaree Community Hospital	Nelson Bay	Public
OMBSC 4	Morisset Mental Hospital	Morisset	Public
	Lake Macquarie Private	Gateshead	Private
	Toronto Private Hospital	Toronto	Private
	Lawrence Hargrave Private Hospital	Thirroul	Private

4. Services and facilities *continued...*

John Hunter Hospital in Rankin Park is the major referral facility for residents of the Lower Hunter/Lake Macquarie and is located in OMBSC 5 (Newcastle and environs). Other hospitals in OMBSC 5 which residents of OMBSCs 1, 2, 3, and 4 might access are the Royal Newcastle Centre in New Lambton, the James Fletcher Mental Hospital in Newcastle, the Calvary Mater in Waratah, the Hunter Valley Private Hospital in Shortland and the Warners Bay Private Hospital in Warners Bay.

Aged-care facilities

The 66 Aged Care Facilities in OMBSCs 1, 2, 3, and 4, including 'low care' hostels and retirement villages, and 'high care' nursing homes, are listed in Appendix 6.

Retail Shopping Centres

The three major regional shopping centres for the residents of OMBSCs 1, 2, 3, and 4 are situated in OMBSC 5:

- Westfield Kotara, Kotara
- Charlestown Square, Charlestown
- Stockland Glendale, Glendale

Eight sub-regional shopping centres serve residents in OMBSCs 1, 2, 3, and 4:

- Gowrie Street Mall, Singleton (OMBSC 2)
- Maitland Hunter Mall, Maitland (OMBSC 2)
- Raymond Terrace Marketplace, Raymond Terrace (OMBSC 2)
- Stockland Green Hills, East Maitland (OMBSC 2)
- Stockland Wallsend, Wallsend (OMBSC 2)
- Salamander Shopping Centre, Salamander Bay (OMBSC 3)
- Centro Lake Macquarie, Mount Hutton (OMBSC 5)
- Stockland Jesmond, Jesmond (OMBSC 5)

There are sixteen major neighbourhood shopping centres in OMBSCs 1, 2, 3, and 4.

- Cessnock Big W, Cessnock (OMBSC 1)
- Cessnock City Centre, Cessnock (OMBSC 1)
- Cessnock Marketplace, Cessnock (OMBSC 1)
- Cessnock Plaza, Cessnock (OMBSC 1)
- Kingsway Plaza, Kurri Kurri (OMBSC 1)
- Centro Raymond Terrace, Raymond Terrace (OMBSC 2)
- Gazebo Shopping Centre, Raymond Terrace (OMBSC 2)
- Maitland Marketplace, Maitland (OMBSC 2)
- Pender Place, Maitland (OMBSC 2)
- Thornton Shopping Centre, Thornton (OMBSC 2)
- Town Square Shopping Centre, Singleton (OMBSC 2)
- Cinema Mall, Nelson Bay (OMBSC 3)
- Cascade Walk, Nelson Bay (OMBSC 3)
- Edgeworth Town Mall (OMBSC 4)
- Morisset Square, Morisset (OMBSC 4)
- The Bay Centre, Bonnells Bay (OMBSC 4)

Information about the size, major tenants, car parking spaces and pedestrian visits of the major shopping centres for the region is provided in Appendix 5.

4. Services and facilities *continued...*

Recreation and culture

Outer Metropolitan Sydney Bus Contract Regions 1, 2, 3, and 4 offer a wide range of recreational and cultural facilities. Coastal areas occupy much of the landscape and there are many beaches, lakes and creeks where surf and water sports can be enjoyed as well as inland areas which feature vineyards and wineries that attract many visitors. There are four national parks (Watagans, Tomaree, Werakata and Hunter Wetlands), a number of conservation areas and more than three hundred parks, many of which include sporting facilities. There are also many places of interest that attract tourism (listed below):

Region	Place of Interest	Suburb
OMBSC 1	Aqua Golf and Putt Putt	Pokolbin
	Artalga Gallery	Rothbury
	Butterflies Gallery	Pokolbin
	Capercaillie Gallery	Lovedale
	Charlicia Alpacas	Rothbury
	Hunter Valley Gardens	Pokolbin
	Hunter Valley Tandem Skydiving Centre	Pokolbin
	Hunter Valley Wine Country Information Centre	Pokolbin
	Oakvale Museum	Pokolbin
	Ogishi Craft Centre	Rothbury
	Pelton Gallery	Pelton
	Pokolbin Horse Coaches	Pokolbin
	Potters Brewery	Nulkaba
	Rusa Park Zoo	Nulkaba
	Stringybark Gallery	Abermain
	Vineyard Pottery	Pokolbin
OMBSC 2	Airds of Lochinvar	Lochinvar
	Art Gallery	Maitland
	Buchanan Gallery	Buchanan
	Buttai Barn	Buttai
	Fighter World	Williamstown
	Foch Forum Gate	Tanilba Bay
	Glendoon Cottage	Morpeth
	Grossmann House	Maitland
	Haig Hexagon Gate	Tanilba Bay
	Historic Tomago House	Tomago

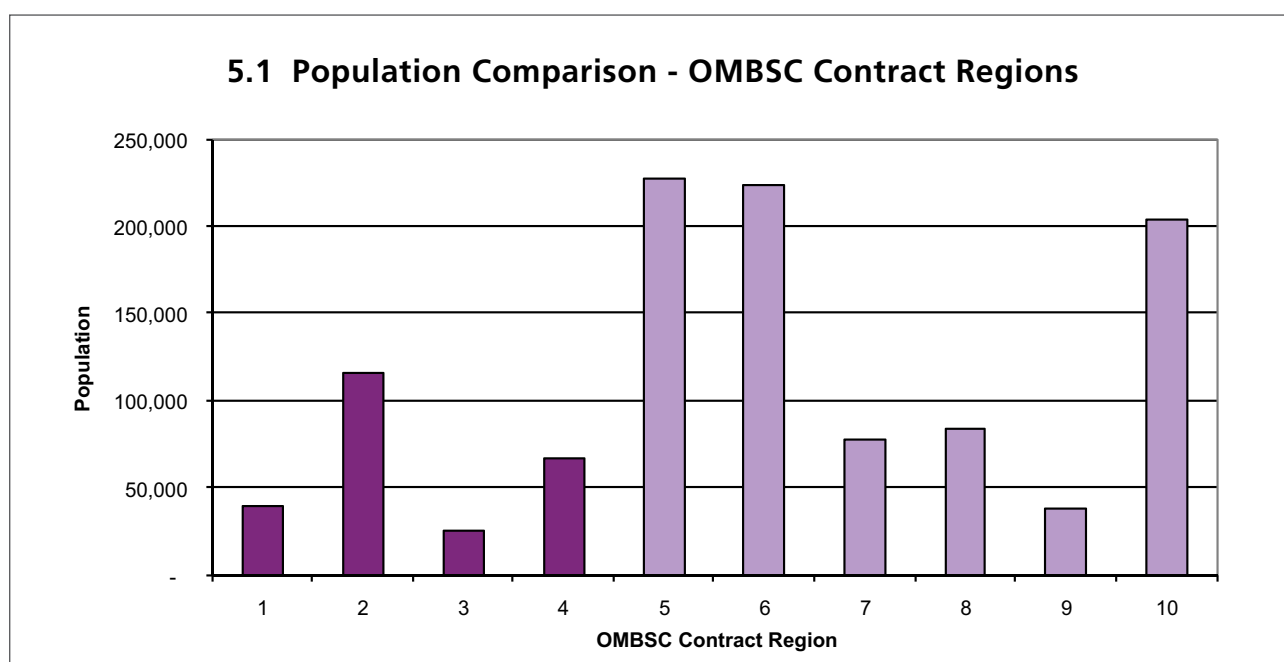
4. Services and facilities *continued...*

Region	Place of Interest	Suburb
OMBSC 3	Hunter Region Botanic Gardens	Tomago
	Maitland Gaol	East Maitland
	Maitlands Fallen Heros Monument	Maitland
	Monarch Historical Museum	Williamtown
	Morpeth Historical Town	Morpeth
	Morpeth Trading Post	Morpeth
	Old Courthouse	Minmi
	Sand Safaris	Williamtown
	Tanilba House	Tanilba Bay
	Tilligerry Habitat	Tanilba Bay
	Cruise Booking Centre	Nelson Bay
	Eyeneek Youneek	Bobs Farm
	Horizon Safaris	Salt Ash
	Horse Paradise	Williamtown
	Kurrara Outlook	Nelson Bay
	Nelson Bay Art Centre	Nelson Bay
	Nelson Head Historic Lighthouse	Nelson Bay
	Oakvale Farm and Fauna World	Salt Ash
	Port Stephens Information Centre	Nelson Bay
	Rambling Sands Horse Treks	Salt Ash
OMBSC 4	Sahara Horse Trails	Anna Bay
	Stephens Peak	Shoal Bay
	Toboggan Hill Park	Nelson Bay
	Catalina War Memorial	Rathmines
	Health Food Company	Cooranbong
	Lake Macquarie City Art Gallery	Booragul
	Lake Macquarie Live Steam Locomotive	Edgeworth
	RAAF Rathmines Memorial Museum	Rathmines
	Sir William Dobell House	Wangi Wangi
	South Sea Island Museum	Cooranbong
	The Stationmasters Cottage	Toronto
	Westlakes Retired Mineworkers Museum	Teralba

Source: Census 2006

5. The population

According to the 2006 Census, 248,889 people lived in OMBSCs 1, 2, 3, and 4 with 39,808 in OMBSC 1, 116,206 in OMBSC 2, 25,678 in OMBSC 3 and 67,197 in OMBSC 4. This population increased by 5.8% from 2001 to 2006.

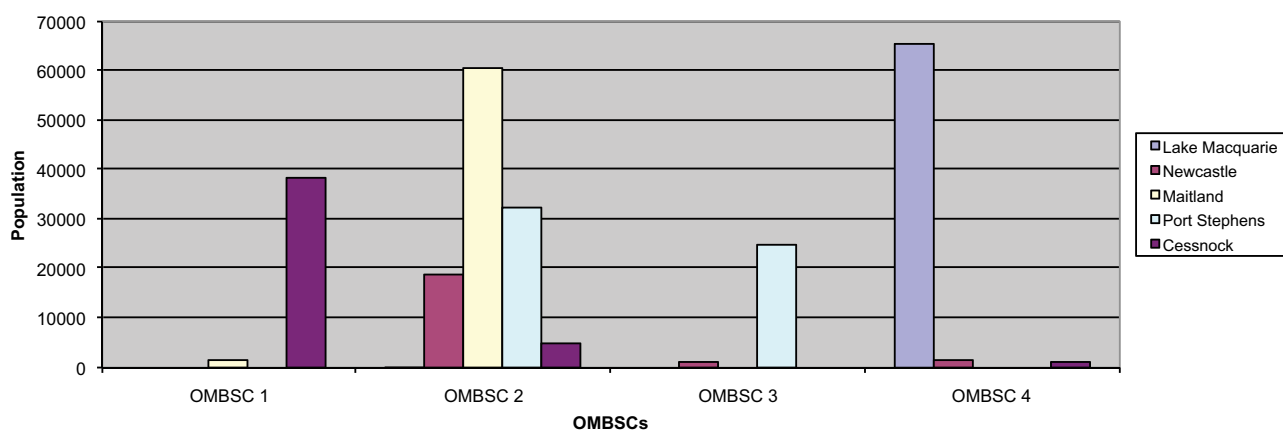


Population by LGA

96.4% of the population of OMBSC 1 (38,373 persons) is from Cessnock LGA and the remaining 3.6% (1,435 persons) is from Maitland LGA. 52% of the population of OMBSC 2 (60,429 persons) is from Maitland LGA with 27.8% (32,328 persons) from Port Stephens LGA, 15.9% (18,467 persons) from Newcastle LGA, 4% (4,630 persons) from Cessnock LGA and 0.3% (352 persons) from Lake Macquarie LGA. For OMBSC 3, 95.7% of the population (24,570 persons) comes from Port Stephens LGA and 4.3% (1,108 persons) comes from Newcastle LGA. 96.9% of the population of OMBSC 4 (65,125 persons) is from Lake Macquarie LGA with Newcastle LGA contributing 2% (1,315 persons) and Cessnock LGA 1.1% (757 persons).

5. The population *continued...*

5.2 LGA Population in OMBSC 1, 2, 3, & 4



Population of OMBSC 1, 2, 3 and 4 by suburb

Suburb	Population
Raymond Terrace	12,221
Wallsend	11,799
Cessnock - Bal	11,555
East Maitland	11,310
Rutherford	8,701
Thornton	8,385
Medowie	8,384
Maryland	7,609
Edgeworth	5,904
Singleton	5,779
Kurri Kurri	5,648
Toronto	5,166
Corlette	5,112
Singleton Heights	4,776
Metford	4,523
Cooranbong	4,477
Stockton	4,208
Salamander Bay	4,182
Anna Bay	4,116
Nelson Bay	4,111

Suburb	Population
Ashtonfield	3,785
Cameron Park	3,718
Woodberry	3,254
Weston	3,216
Beresfield	3,121
Morisset	3,110
Speers Point	3,106
Glendale	2,999
Aberglasslyn	2,868
Blackalls Park	2,775
Wangi Wangi	2,773
Bonnells Bay	2,762
Lemon Tree Passage	2,401
Abermain	2,337
Greta	2,323
Tenambit	2,298
Aberdare	2,176
Bolton Point	2,155
Telarah	2,139
Clarence Town	2,106

5. The population *continued...*

Suburb	Population
Huntermuir	2,085
Branxton	1,973
Bellbird	1,955
Bolwarra Heights	1,948
Fletcher	1,935
Barnsley	1,801
Rathmines	1,787
Shoal Bay	1,745
Coal Point	1,732
West Wallsend	1,605
Woodrising	1,568
Tarro	1,557
Fennell Bay	1,554
Holmesville	1,545
Arcadia Vale	1,517
Balcolyn	1,483
Fingal Bay	1,475
Teralba	1,462
Heddon Greta	1,430
Maitland	1,429
Booragul	1,428
Dora Creek	1,317
Lorn	1,299
Kilaben Bay	1,273
Bolwarra	1,258
Raworth	1,213
Nulkaba	1,212
Fishing Point	1,200
Ellalong	1,013
Gillieston Heights	965
Bellbird Heights	960
Brandy Hill	959
Carey Bay	958
Boolaroo	949

Suburb	Population
North Rothbury	944
Duns Creek	938
Windermere Park	915
Salt Ash	913
Morpeth	890
Balmoral	870
Wallalong	869
Darlington	841
Pelaw Main	834
Williamstown	825
Boat Harbour	812
Morisset Park	784
Mulbring	756
Stanford Merthyr	734
Minmi	731
Killingworth	720
Black Hill	701
Lower Belford	701
Buttaba	698
Nelsons Plains	698
Abernethy	693
Fullerton Cove	673
Paxton	670
Mirrabooka	661
Kearsley	648
Fassifern	600
South Maitland	578
Luskintyre	571
Glendon	560
Millfield	558
Woodville	552
Brightwaters	550
Quorrobolong	544
Lochinvar	496

5. The population *continued...*

Suburb	Population
Martinsville	494
Windella	485
Heatherbrae	481
Farley	479
Berry Park	443
Sunshine	425
Mandalong	418
Keinbah	413
Horseshoe Bend	409
Neath	389
Seaham	371
Hinton	367
Seahampton	352
Awaba	347
Kitchener	343
Paterson	343
Stanhope	329
Rothbury	309
Oakhampton Heights	293
Wollombi	267
Sawyers Gully	264
Millers Forest	262
Four Mile Creek	245
Bobs Farm	237
Mount View	237
Eraring	211
Gosforth	197
One Mile	187
Glenridding	175
Taylors Beach	166
Singleton Military Area	154
Hexham	151

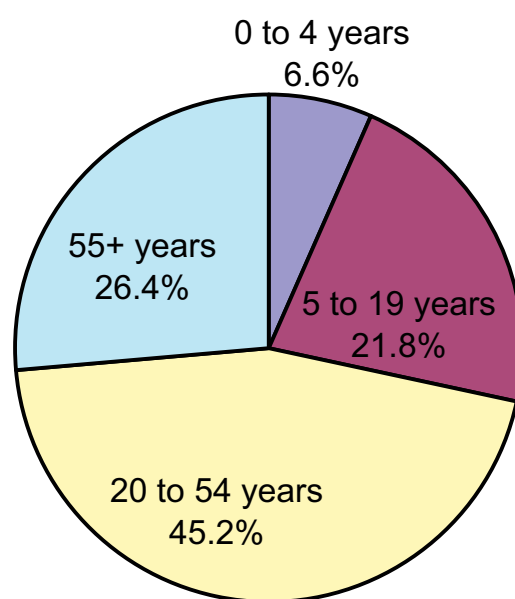
Suburb	Population
Loxford	130
Ryhope	110
Louth	104
Tomago	95

Population by age

Generally, the highest users of public transport are people aged between five and 19 years and people aged 55 years and over.

In 2006, 21.77% of the population in OMBSCs 1, 2, 3, and 4 was aged between 5 and 19 years and 26.38% of the population was aged 55 years and over. This is comparable with the age profile for all OMBSC contract regions which have an average of 20.73% of persons aged between 5 and 19 years and 27.36% of persons aged 55 years and over.

5.3 Age profile of population in OMBSC 1, 2, 3 & 4



5. The population *continued...*

Top 15 suburbs (in descending order) for residents aged 5-19 years	Top 15 suburbs (in descending order) for residents aged 55+
Bobs Farm	Fern Bay
Minmi	Shoal Bay
Killingworth	Carey Bay
Woodrising	Fingal Bay
Awaba	Morriset
Windella	Soldiers Point
Seaham	Neath
Brandy Hill	Eraring
Wallalong	Salamander Bay
Lower Belford	Nelson Bay
Woodberry	Williamtown
Kearsley	Booragul
Black Hill	One Mile
Quorrobolong	Louth
Singleton Military Area	Wollombi
Duns Creek	Tanilba Bay

Households in outer metropolitan contract regions

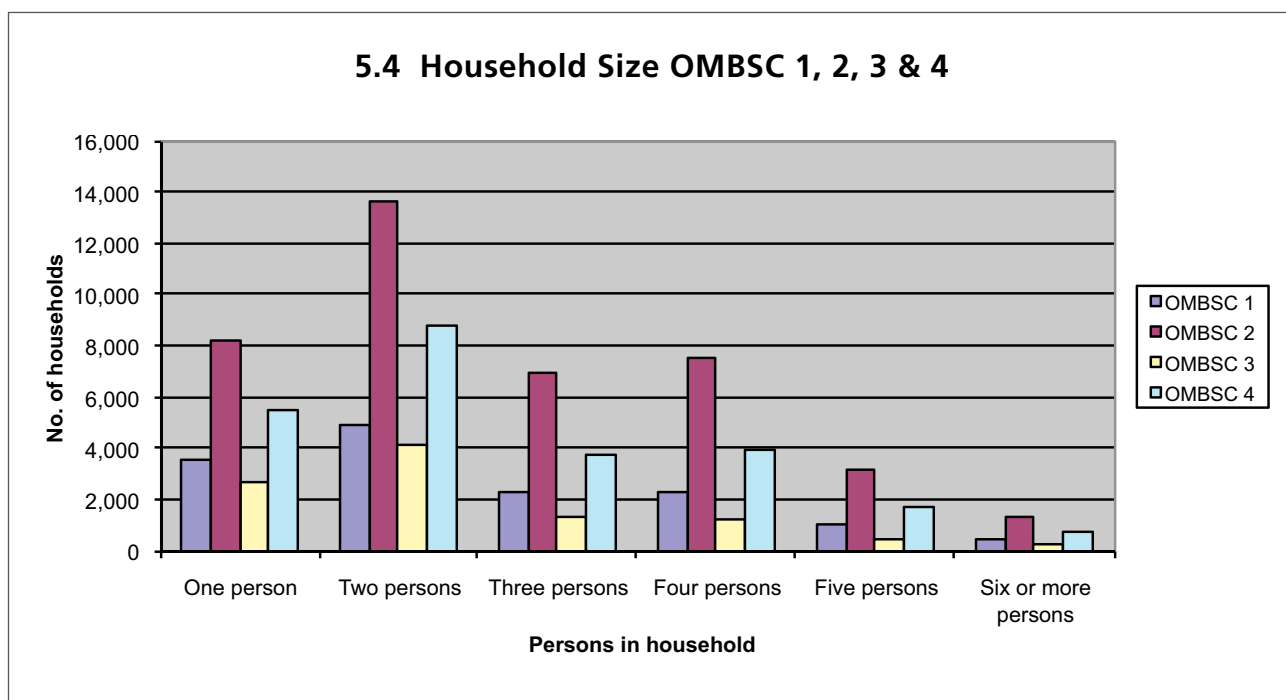
In 2006, there were 89,417 households in OMBSC 1, 2, 3, and 4 with 14,451 in OMBSC 1, 40,712 in OMBSC 2, 9,932 in OMBSC 3 and 24,322 in OMBSC 4.

The households in OMBSCs 1, 2, 3, and 4 comprise 21.85% of total households in Outer Metropolitan Bus System Contract Regions.

Household size

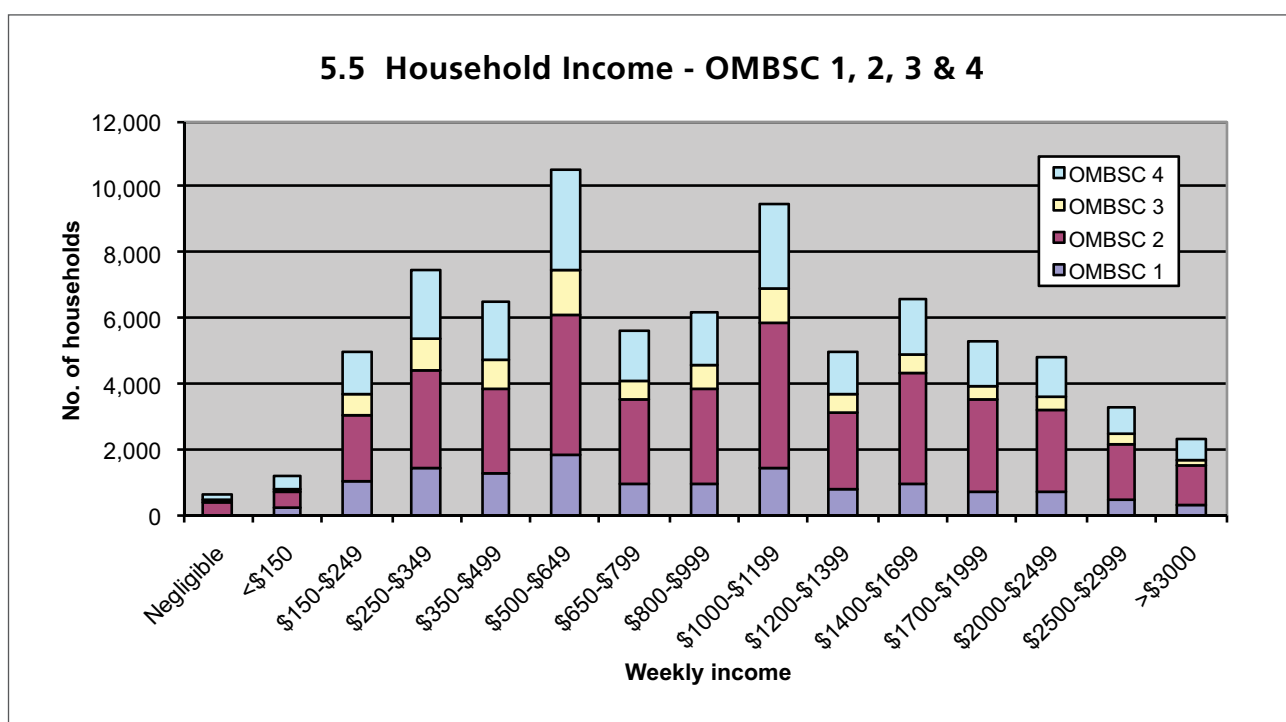
OMBSC 1, 2, 3, and 4 have a similar distribution of household types, with two person households being the most common. This is the same for all OMBSC regions.

5. The population *continued...*



Household income

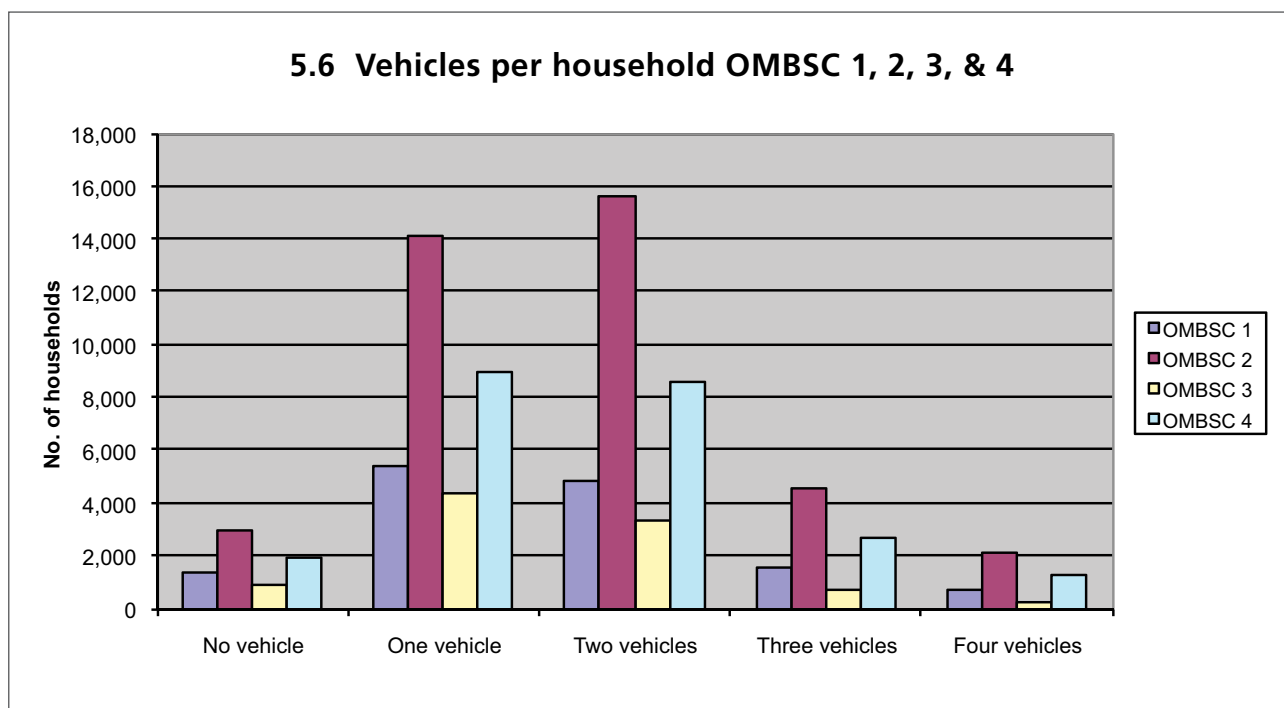
As can be seen from the chart below, there is a wide range and distribution of weekly incomes in households in OMBSCs 1, 2, 3, and 4. The average weekly income for households in the four regions during 2006 was approximately \$1000 which is only slightly less than the average household income across all Outer Metro Regions.



5. The population *continued...*

Vehicles per household

The number of vehicles per household in the Lower Hunter/Lake Macquarie region is consistent with the results for all OMBSC regions with the exception of OMBSC 2. All other regions had more households with one vehicle but OMBSC 2 has a higher number of two vehicle households.



Socio-economic disadvantage

The Australian Bureau of Statistics produces Socio-Economic Indexes for Areas (SEIFA) to describe relative advantage and disadvantaged people living in Australia. SEIFA includes variables such as the relative proportion of families with high incomes, people with a tertiary education, and employees in skilled occupations.

The SEIFA average is set at 1,000. Lower values are 'disadvantaged' and higher values are 'advantaged'. The SEIFA index scores for the four LGAs in the study area (2006) indicate they are all relatively disadvantaged. Cessnock LGA (915) is the lowest score, indicating the most disadvantage and Lake Macquarie has the highest score (984) indicating it has the least disadvantage of the four LGAs. Maitland LGA's SEIFA score is 975 and Port Stephens LGA is 970.

5. The population *continued...*

People receiving aged and disability pensions

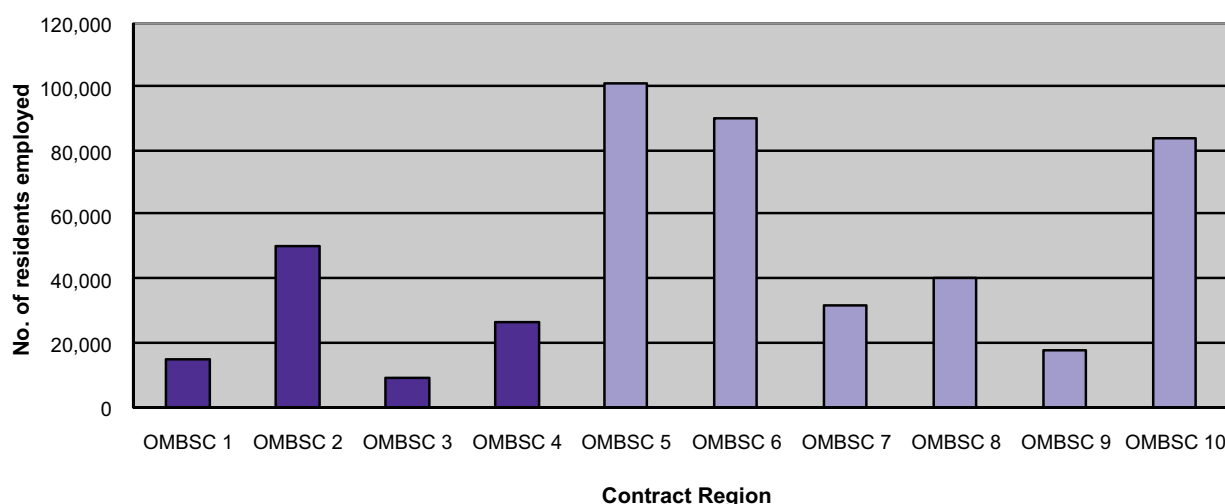
More than 67,700 people living in the LGAs in the Lower Hunter/Lake Macquarie area received pensions in 2008, 19.3% of the combined population of the Cessnock, Maitland, Port Stephens and Lake Macquarie LGAs. This is higher than the percentage of people receiving pensions in Outer Metropolitan LGAs combined (17.45%). In the Lower Hunter/Lake Macquarie, 71.4% of persons were receiving an aged pension and 27.6% received a disability support pension. The remaining 1% received a mixture of wife disability support pensions and wife aged pensions.

0.5% of persons in the Cessnock, Maitland, Port Stephens and Lake Macquarie LGAs were receiving a Carer Payment in 2008.

6. The workforce

There were 101,588 employed residents in OMBSCs 1, 2, 3 and 4 in 2006. Of the ten Outer Metropolitan contract regions OMBSCs 1 and 3 were ranked 9th and 10th respectively in the number of employed residents with OMBSC 4 ranked 7th and OMBSC 2 ranked 4th. OMBSC 5 (Newcastle) which is situated next to OMBSCs 1, 2, 3 and 4 has the highest number of employed persons.

6.1 Comparison of Numbers of Employed Residents in OMBSC Contract Areas

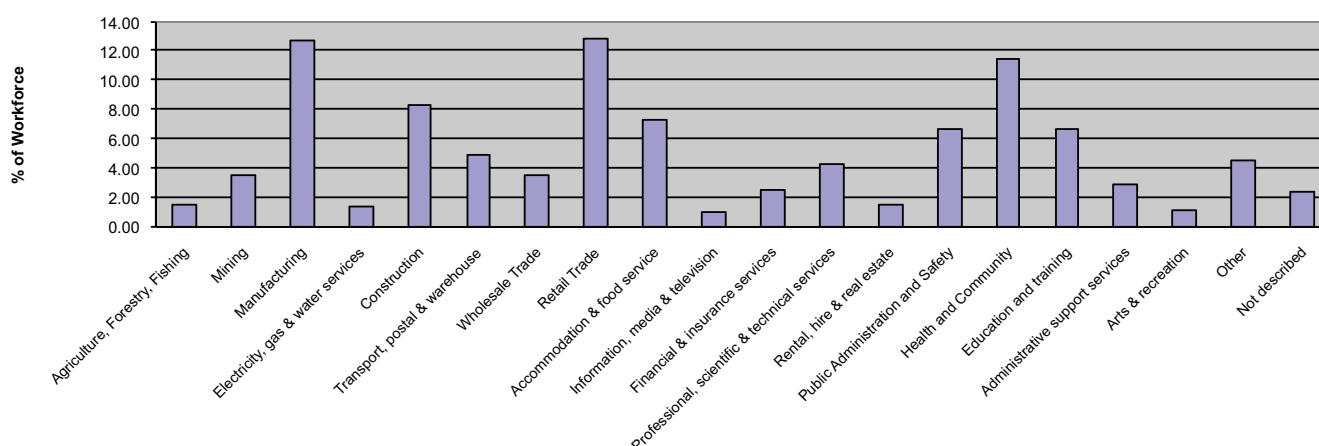


6. The workforce *continued...*

Industries and occupations

The top industry/occupation for OMBSCs 1, 2, 3 & 4 was the retail sector with 12.82% of employed persons doing that type of work. This was followed by the manufacturing sector (12.64%), health and community sector (11.46%), construction sector (8.27%), accommodation and food service sector (7.27%) and education and training sector (6.61%).

6.2 Industry and Occupation of Residents in Lower Hunter/Lake Macquarie Contract Regions



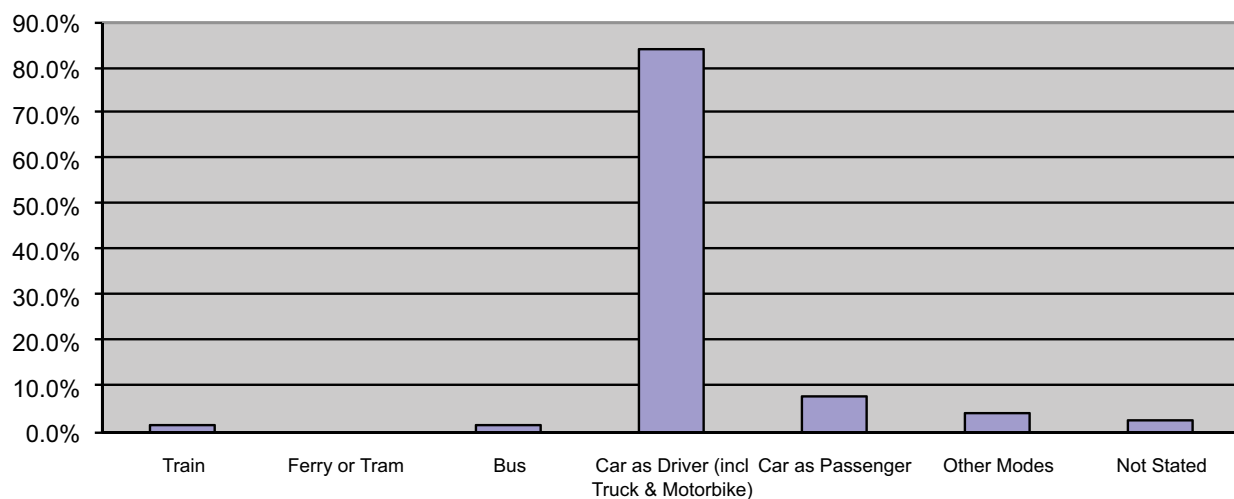
Journeys to work – mode share

For journeys to work originating in the Outer Metro Bus regions numbered 1-4 in the Lower Hunter/Lake Macquarie area, more than 90% of all persons went to work in a private motor vehicle either as driver or passenger. Only 1.1% of persons journeyed to work by rail and 1.4% by bus. The remainder of persons either used other modes (eg walking or cycling) did not state their mode of travel, worked from home or did not go to work. This was a lower level of public transport use in comparison to results for the Outer Metropolitan Area where 86.4% of persons originated their journey to work in a private motor vehicle, 5.1% by train and 1.3% by bus.

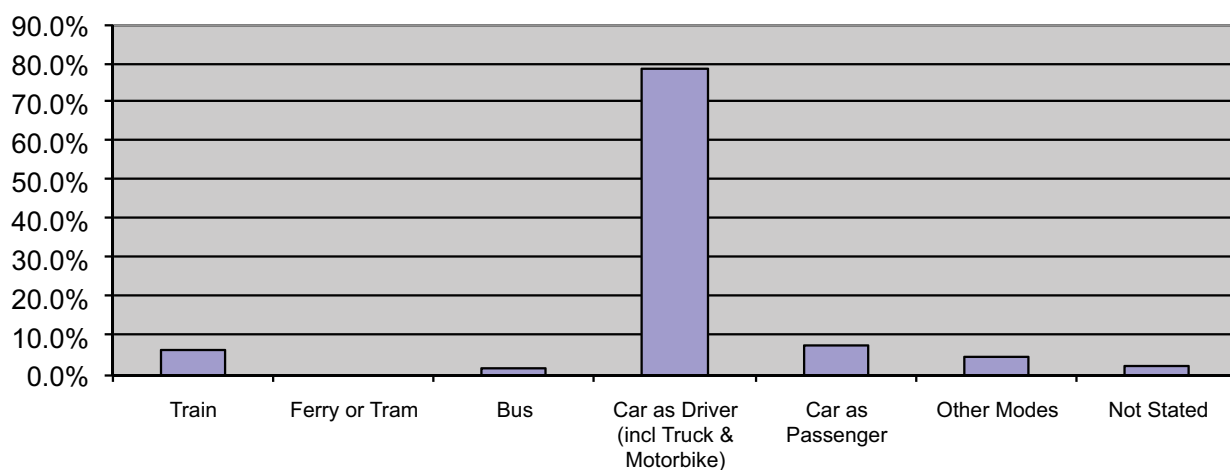
2.6% of workers who commenced their journeys to work in the Lower Hunter/Lake Macquarie areas used public transport. This compares with 13.8% in the Blue Mountains, 14.2% in the Central Coast and 6.4% in the North and South Wollongong area.

6. The workforce *continued...*

6.3 Journey to Work Mode Share from Lower Hunter/Lake Macquarie LGAs

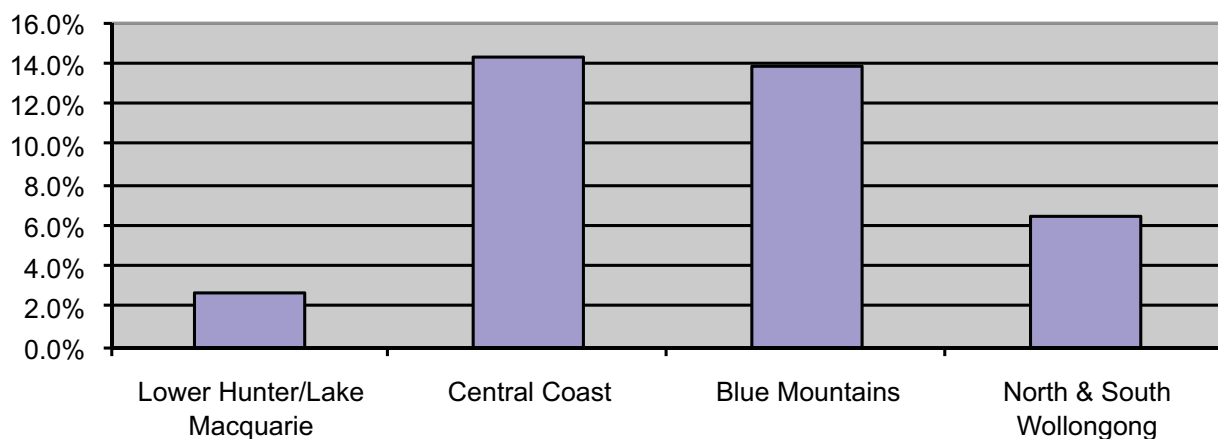


6.4 Journey to Work Mode Share from All Outer Metro LGAs



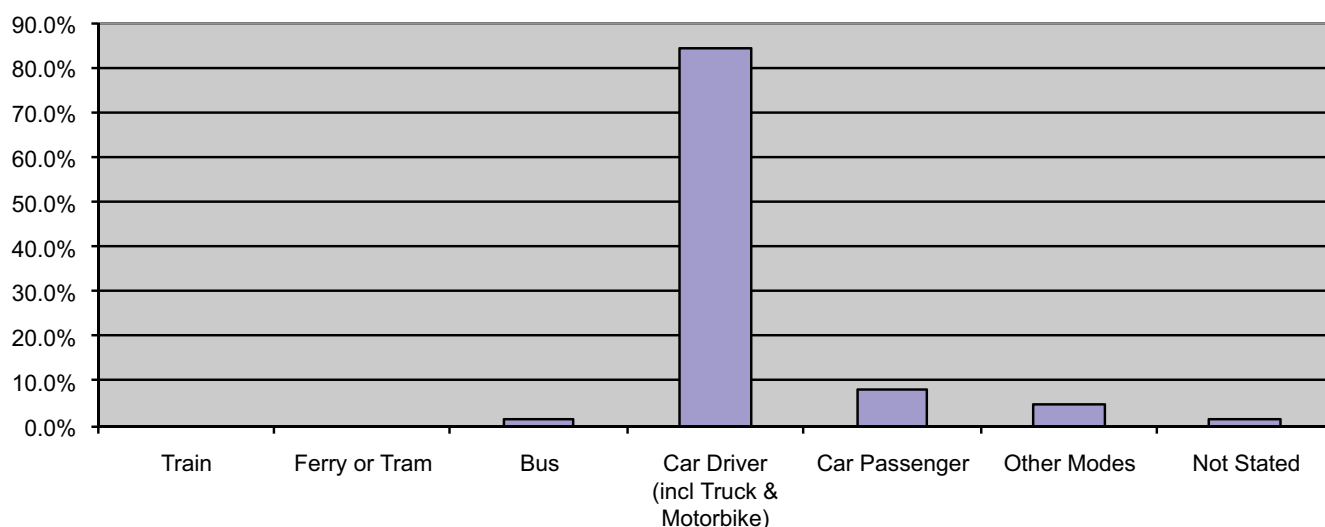
6. The workforce *continued...*

6.5 Public Transport Journeys (%) from Outer Metro LGAs



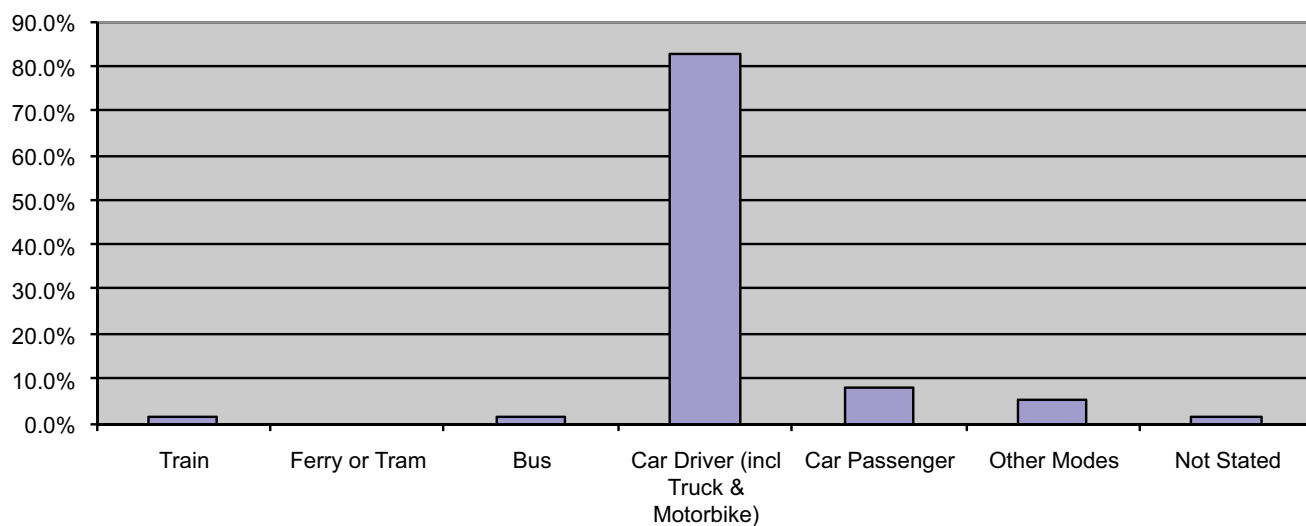
For journeys to work where the destination was in the Lower Hunter/Lake Macquarie areas, more than 90% of people used private motor vehicles either as driver or passenger. Only 0.2% of persons used rail and 1.2% used buses. This was comparable with results for the Outer Metropolitan Area as a whole for private vehicle use where 90.2% of persons completed their journey to work in a private motor vehicle. However, there was a considerably lower use of public transport with only 1.5% using trains or buses compared to 5.4% in the Blue Mountains, 4.5% in the Central Coast and 3.2% in the North and South Wollongong area.

6.6 Journey to Work Mode Share to Lower Hunter/Lake Macquarie LGAs

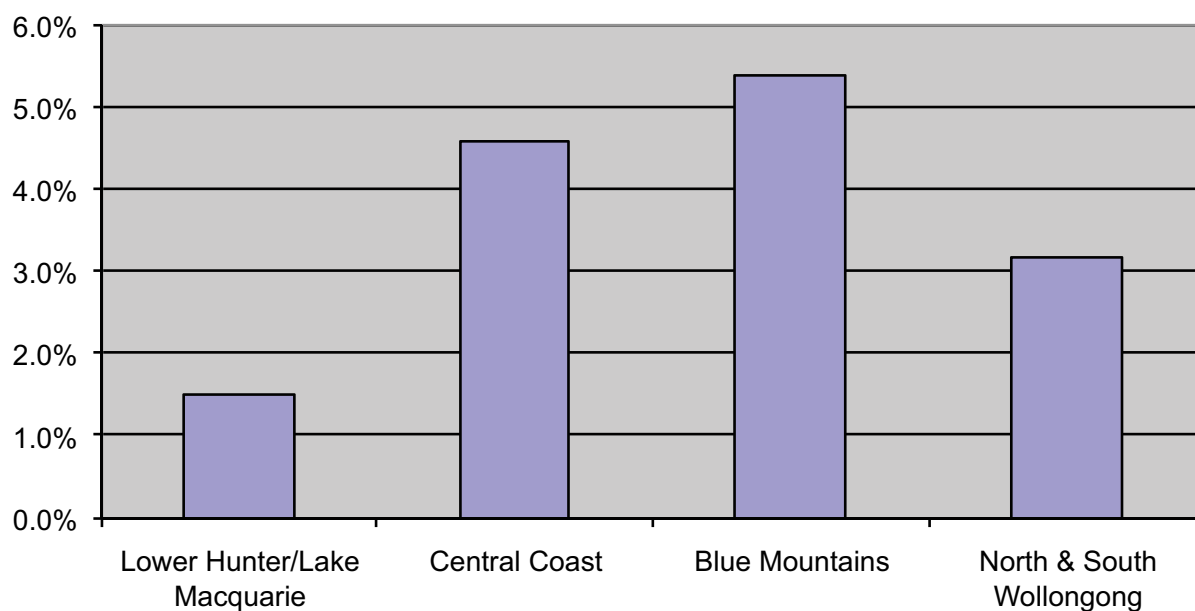


6. The workforce *continued...*

6.7 Journey to Work Mode Share to Outer Metro LGAs



6.8 Public Transport Journeys (%) to Work to Outer Metro LGAs

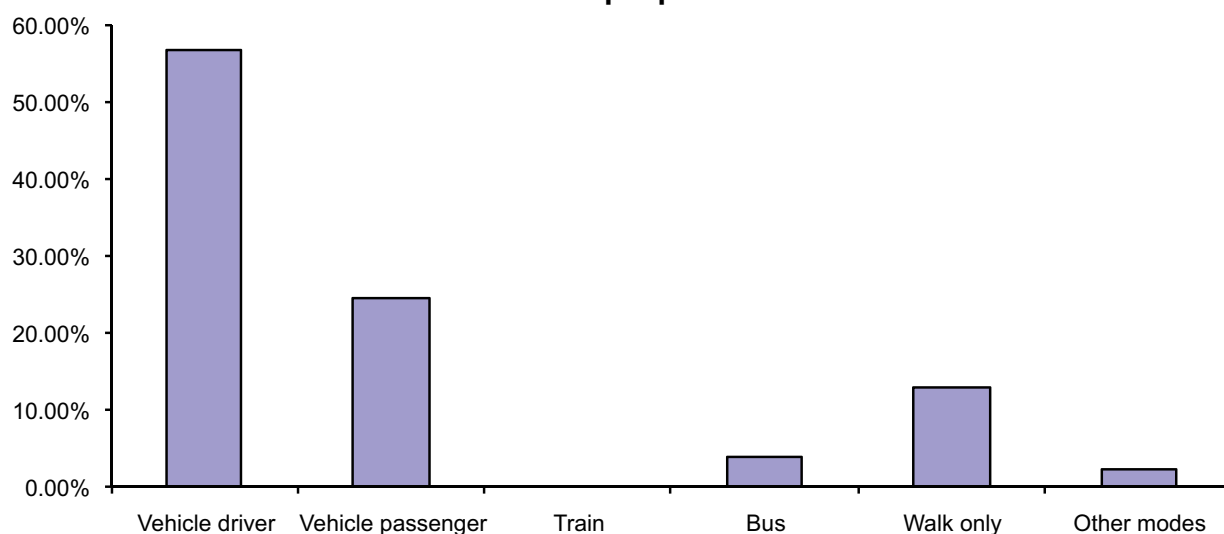


7. Transport

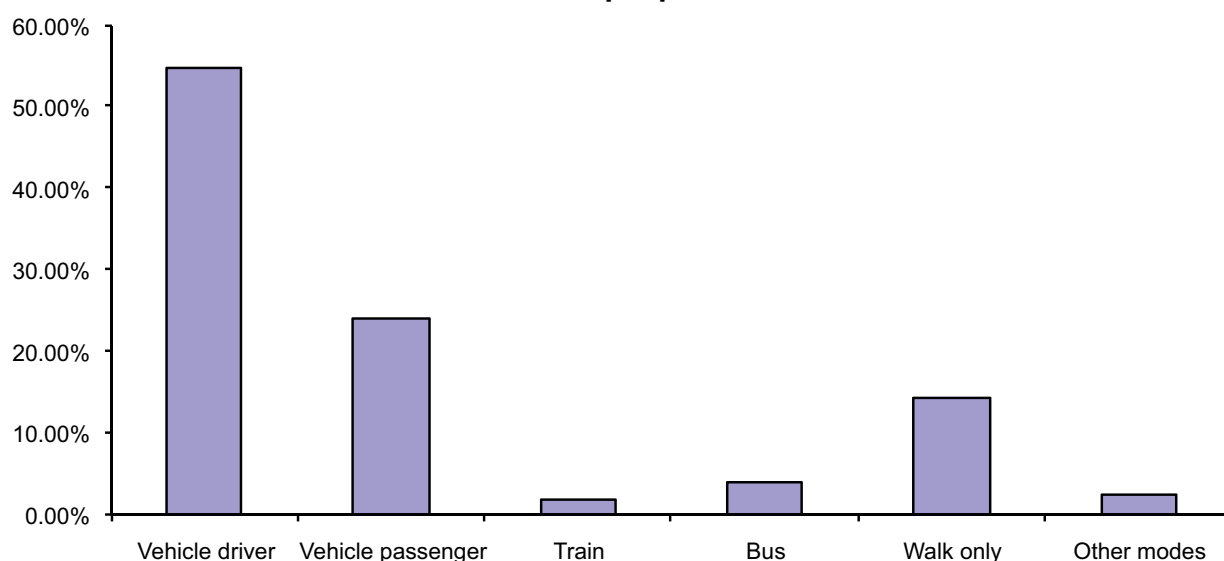
Mode share

According to the Household Travel Survey, the modes used for transport trips taken in the Lower Hunter/Lake Macquarie area are comparable with the modes of trips taken in the entire Outer Metropolitan Area although the percentage of trips made in private motor vehicles by drivers and passengers is slightly higher.

7.1 - % Mode Share of Trips by Residents in Lower Hunter/Lake Macquarie LGAs for all purposes



7.2 - % Mode Share of Trips by Residents in Outer Metro LGAs for all purposes

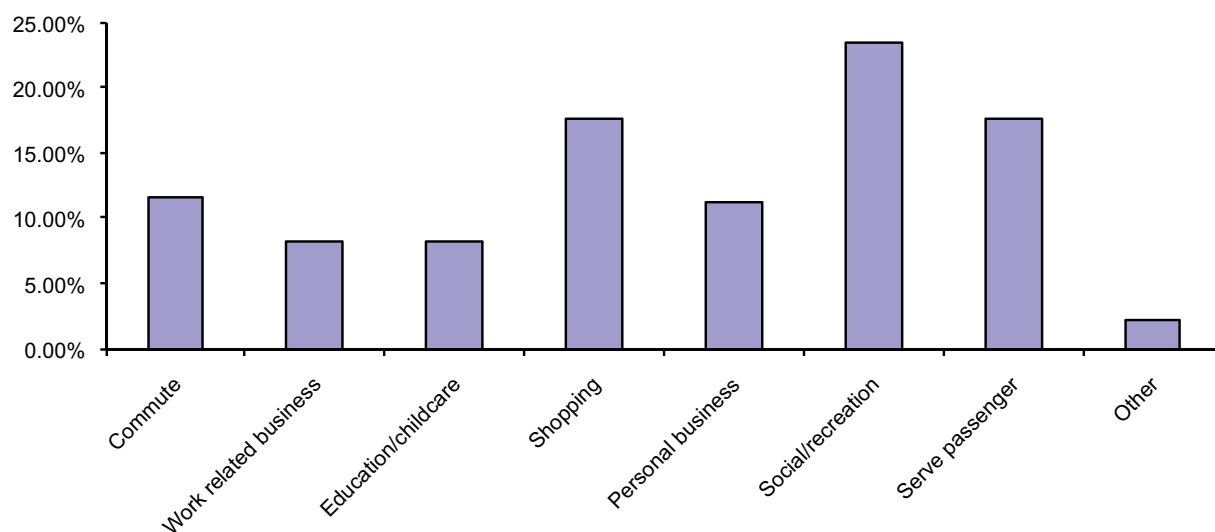


7. Transport *continued...*

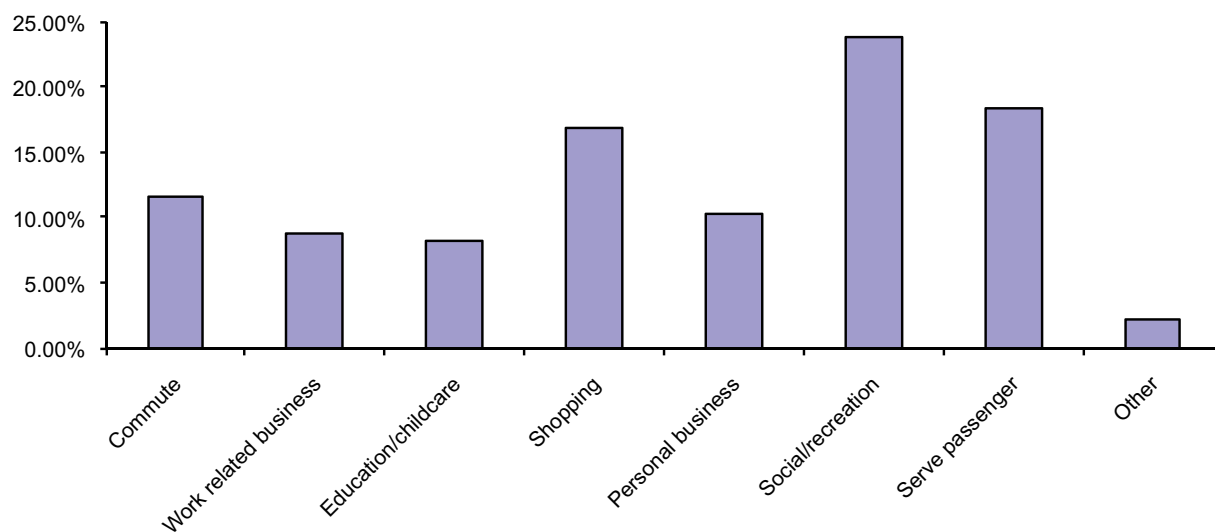
Purpose of Travel

According to the Household Travel Survey, the purpose of transport trips taken in the Lower Hunter/Lake Macquarie area is comparable with the purposes of trips taken in the entire Outer Metropolitan Area.

7.3 - % Trips by Purpose for Residents of Lower Hunter/Lake Macquarie LGAs



7.4 - % of Trips by Purpose for Residents in all Outer Metro LGAs



7. Transport *continued...*

Bus services

Bus services in OMBSC 1 (Cessnock and surrounds) are provided by Rover Coaches, OMBSC 2 (Maitland and surrounds) by Hunter Valley Buses, OMBSC 3 (Port Stephens to Newcastle) by Port Stephens Coaches P/L and in OMBSC 4 (Western Lake Macquarie) by Hunter Valley Buses. Hunter Valley Buses is a division of Comfort Delgro Cabcharge.

Lower Hunter/Lake Macquarie Bus Network

Region 1

Route	Description
160	Cessnock – Newcastle
162	Cessnock – Kearsley Loop
164	Maitland – Cessnock Via Kurri Kurri
165	West Cessnock Hoppa
166	Cessnock – Bellbird
167	Nulkaba Hoppa Via Hunter Valley Gardens
168	Cessnock – Millford
169	Cessnock City Centre – Cessnock Hospital – East Cessnock
171	Kurri Kurri – Weston

Region 2

Route	Description
125	Stockton – Fern Bay – Newcastle
134	Lemon Tree Passage – Fern Bay – Newcastle
135	Raymond Terrace – Medowie – Stockton
137	Lemon Tree Passage – Salt Ash – Lemon Tree Passage
140	Raymond Terrace – Lakeside – Newcastle
141	Raymond Terrace – Riverview Bridge – Phillip Road
181	Woodberry – Rutherford Via Maitland, Greenhills, Metford
182	Singleton Heights – Woodberry Via Nth Rothbury, Branxton, Maitland, Greenhills, Metford
183	Regiment Road – Tenambit via Maitland & Greenhills
184	Maitland – Chambers St
185	Maitland – Gresford Via Bolwarra, Largs, Woodville & Paterson
186	Thornton – Ashtonfield – Greenhills

7. Transport *continued...*

Route	Description
187	Greenhills – Rathluba Loop – Wilton Drive Loop
188	Ashtonfield – Greenhills
192	Maitland – South Maitland Via Maitland Showground
260	The Meadows – Minmi – Fletcher – Maryland – Wallsend
402	Singleton – Darlington Via Singleton Heights Shops and Hunterview
403	Singleton – Singleton Heights via Hunterview Estate

Region 3

Route	Description
130	Port Stephens – Newcastle
131	Soldiers Point – Fingal Bay
136	Port Stephens – Raymond Terrace

Region 4

Route	Description
265	John Hunter Hospital – Seahampton
266	John Hunter Hospital – Seahampton
267	John Hunter Hospital – Seahampton
270	Toronto – University – BHP – John Hunter Hospital
271	Toronto – University – BHP – John Hunter Hospital
272	Toronto – University – BHP – John Hunter Hospital
274	Toronto – Coal Point, Via Kilaben Bay & Carey Bay
275	Toronto – Wangi Via Awaba, Rathmines, Arcadia Vale
276	Toronto – Wangi Via Awaba, Rathmines, Arcadia Vale
278	Morisset–Morisset Peninsula & Return
278/9	Morisset – Morisset Peninsula & Return
279	Morisset – Morisset Peninsula & Return
280	Morisset – Cooranbong
8610	Toronto – Fassifern Train Service

7. Transport *continued...*

Ticket sales for customer groups during 2007/08 were:

- Adults – 11.5%
- All concessions – 39.2%
- Pensioner Excursions – 22.5%
- Free and Pre-paid – 26.7%.

Rail services

There are two railway lines operating in the Lower Hunter/Lake Macquarie area. These are the Hunter Line and the Newcastle / Central Coast line. There are 34 rail stations located in the Lower Hunter/Lake Macquarie area. There are no stations located in OMBSC Regions 1 and 3 (Cessnock and Port Stephens); 15 stations in Region 2 (Maitland and surrounds) and 6 stations in Region 4 (Western Lake Macquarie). A further 13 stations are located in Region 5 (Newcastle) which is adjacent to the study area and serviced by Newcastle Buses.

Station	OMBSC region	Ranking by 24 hour Passenger count *
Newcastle	5	133
Broadmeadow	5	153
Hamilton	5	154
Civic	5	155
Morisset	4	161
Warabrook	5	169
Cardiff	5	178
Maitland	2	181
Fassifern	4	190
Victoria St	2	193
Beresfield	2	196
Waratah	5	196
Wickham	5	201
Thornton	2	207
Telarah	2	212
Metford	2	225
East Maitland	2	242
Booragul	4	242
High St	2	244
Dora Creek	4	246

7. Transport *continued...*

Station	OMBSC region	Ranking by 24 hour Passenger count *
Adamstown	5	249
Teralba	4	252
Awaba	4	259
Cockle Creek	5	263
Kotara	5	263
Sandgate	5	263
Hexham	2	268
Branxton	2	276
Tarro	2	276
Lochinvar	2	283
Greta	2	293
Mindaribba	2	293
Oakhampton	2	293
Sulphide Junction	5	293

* As some stations have the same passenger count, multiple stations may have the same ranking.

Ferry Services

Newcastle Ferries operate a ferry service from Newcastle to Stockton which is located in Region 3.

- The 5 minute trip on the ferry operates every 20-30 minutes as follows:
- 5:30am - 11:00pm Monday to Saturday, later on Friday and Saturday evenings; and
- 8:30am - 10:00pm on Sundays.

Community transport services

Community Transport services are non-profit passenger services for people who cannot use existing private or mainstream public transport systems for reasons of age, health, disability or geographic isolation from public transport.

Volunteers and paid community transport staff use safe, modern and reliable buses, minibuses and cars (often with wheelchair access) to deliver clients to medical appointments, social outings, shopping and other personal business.

Applicants for community transport services are assessed on a case-by-case basis, although as services are limited, eligibility does not guarantee a service can be provided.

7. Transport *continued...*

Community transport services are funded by the Department of Ageing, Disability and Home Care, and administered by NSW Transport & Infrastructure. Bookings must be made at least 48 hours in advance.

Three community transport operators are located in the Lower Hunter/Lake Macquarie with all three located in OMBSC 6 but providing services also in OMBSC 7:

- Coastwide Community Transport Inc (25 Kirrawee Road, Gosford, 2250)
- Bungree Aboriginal Association Inc (48 Victoria Ave, Toukley, 2263)
- Community Transport (Lower Hunter/Lake Macquarie) Inc (Beryl Street Community Centre, 2 Dan Close, Gorokan, 2263)

For more information visit www.transport.nsw.gov.au/lact or telephone 02 8836 3178.

8. Appendices

APPENDIX 1: Government schools in OMBSCs 1, 2, 3, and 4

The government primary and secondary schools in the Lower Hunter/Lake Macquarie region are listed below.

Primary

School Name	Enrolments
Aberdeen Public School	195
Abermain Public School	230
Anna Bay Public School	453
Arcadia Vale Public School	98
Ashtonfield Public School	348
Awaba Public School	37
Bellbird Public School	252
Belltrees Public School	16
Beresfield Public School	334
Biraban Public School	143
Black Hill Public School	60
Blackalls Park Public School	235
Blandford Public School	40
Bobs Farm Public School	36
Bolwarra Public School	284
Bonnells Bay Public School	382
Boolaroo Public School	46
Booragul Public School	246
Branxton Public School	340
Broke Public School	49
Cessnock East Public School	183
Cessnock Public School	354
Cessnock West Public School	371
Clarence Town Public School	179
Coal Point Public School	274
Congewai Public School	8
Cooranbong Public School	188
Dora Creek Public School	129

8. Appendices *continued...*

School Name	Enrolments
Dungog Public School	256
Edgeworth Public School	509
Ellalong Public School	108
Ellerston Public School	24
Eraring Public School	39
Fassifern Public School	57
Fennell Bay Public School	239
Fern Bay Public School	30
Gillieston Public School	93
Glen William Public School	34
Glendale East Public School	191
Glendore Public School	406
Grahamstown Public School	374
Gresford Public School	90
Greta Public School	196
Hinton Public School	100
Iona Public School	42
Irrawang Public School	256
Kearsley Public School	138
King Street Public School	504
Kitchener Public School	80
Kurri Kurri Public School	688
Laguna Public School	39
Largs Public School	73
Lochinvar Public School	65
Maitland East Public School	541
Maitland Public School	367
Martindale Public School	17
Martins Creek Public School	10
Maryland Public School	466
Medowie Public School	280
Metford Public School	347
Milbrodale Public School	12
Millers Forest Public School	34

8. Appendices *continued...*

School Name	Enrolments
Millfield Public School	64
Minmi Public School	123
Morisset Public School	223
Morpeth Public School	175
Mount Kanwary Public School	48
Mount Pleasant Public School	64
Mulbring Public School	93
Murrurundi Public School	60
Muswellbrook Public School	588
Muswellbrook South Public School	399
Nillo Infants School	52
Nulkaba Public School	393
Paterson Public School	102
Paxton Public School	61
Pelaw Main Public School	164
Rathmines Public School	299
Raymond Terrace Public School	393
Rouchel Public School	7
Rutherford Public School	592
Salt Ash Public School	89
Sandy Hollow Public School	50
Scone Public School	475
Seaham Public School	240
Shoal Bay Public School	289
Singleton Heights Public School	559
Singleton Public School	476
Soldiers Point Public School	309
Speers Point Public School	147
Stanford Merthyr Infants School	60
Tanilba Bay Public School	461
Tarro Public School	121
Telarah Public School	521
Tenambit Public School	343
Teralba Public School	81

8. Appendices *continued...*

School Name	Enrolments
Thornton Public School	620
Tomaree Public School	375
Toronto Public School	191
Vacy Public School	79
Wangi Wangi Public School	133
West Wallsend Public School	203
Weston Public School	176
Williamtown Public School	12
Wirreanda Public School	576
Wollombi Public School	6
Woodberry Public School	236
Wyee Public School	238

Secondary

School	Enrolments
Cessnock High School	591
Dungog High School	719
Francis Greenway High School	689
Glendale High School	770
Hunter River High School	672
Irrawang High School	966
Kurri Kurri High School	772
Lake Macquarie High School	512
Maitland Grossmann High School	1050
Maitland High School	811
Morisset High School	886
Mount View High School	1069
Muswellbrook High School	688
Rutherford High School	943
Scone High School	479
Singleton High School	1202
Tomaree High School	1178
Toronto High School	869
West Wallsend High School	554

8. Appendices *continued...*

Other (Schools for Specific Purposes)

School	Enrolments
Cameron Park School	30
Five Islands School	11
Glendon School	52
Hunter River Community School	46
Wakefield School	27
Woodberry Learning Centre	18

Source: NSW Dept of Education and Training 2009.

APPENDIX 2: Non-government schools in OMBSCs 1, 2, 3, and 4

Non-government schools in the Lower Hunter/Lake Macquarie region are listed below.

Primary

School	Enrolments	Suburb
Adventist Primary School Toronto	28	Toronto
Brightwaters Christian College	19	Brightwaters
Cessnock Christian School	182	Cessnock
Holy Cross Primary School	126	Glendale
Holy Spirit Infants School	81	Abermain
Holy Spirit Primary School	128	Kurri Kurri
Medowie Christian School	352	Medowie
Our Lady Of Lourdes Primary School	255	Tarro
Singleton Christian College	194	Singleton
St Brigid's Primary School	98	Branxton
St Brigid's Primary School	427	Raymond Terrace
St Catherine's Catholic College	298	Singleton
St John The Baptist Primary School	254	Maitland
St John Vianney Primary School	87	Morisset
St Joseph's Primary School	320	Kilaben Bay
St Joseph's Primary School	411	East Maitland

8. Appendices *continued...*

School	Enrolments	Suburb
St Mary's Infants School	84	Greta
St Michael's Primary School	294	Nelson Bay
St Patrick's Primary School	214	Lochinvar
St Patrick's Primary School	314	Cessnock West
St Paul's Primary School	377	Rutherford

Secondary

School	Enrolments	Suburb
All Saints College (St Josephs Campus)	661	Lochinvar Nsw
All Saints College (St Marys Campus)	640	Maitland
All Saints College (St Peters Campus)	879	Maitland
St Joseph's High School	607	Aberdeen
St Paul's High School	862	Booragul

Combined Primary/Secondary

School	Enrolments	Suburb
Avondale School	958	Cooranbong
Bishop Tyrrell Anglican College	718	Fletcher
Christadelphian Heritage College	90	Cooranbong
Hunter Valley Grammar School	976	Ashtonfield
Lake Macquarie Christian College	427	Fassifern
Linuwel School Ltd	136	East Maitland
M.E.T. School	27	East Maitland
Maitland Christian School	549	Metford
St Catherine's Catholic College	456	Singleton
St Philip's Christian College - Port Stephens	665	Salamander Bay
The Newcastle Rudolf Steiner School	141	Glendale

Source: NSW Dept of Education and Training 2009

8. Appendices *continued...*

APPENDIX 3: Universities, TAFEs and Colleges

The university and college campuses available to residents of Contract Regions 1, 2, 3, & 4 are listed below:

Education centre	Suburb
University of Newcastle	Callaghan *
Hunter Institute of Technology	Belmont *
Hunter Institute of Technology	Cessnock
Hunter Institute of Technology	Charlestown *
Hunter Institute of Technology	Glendale
Hunter Institute of Technology	Hamilton *
Hunter Institute of Technology	Kurri Kurri
Hunter Institute of Technology	Maitland
Hunter Institute of Technology	Newcastle *
St John's Theological College	Morpeth

* Campuses are in OMBSC 5 Source: Census 2006

APPENDIX 4: Libraries

The libraries in OMBSCs 1, 2, 3, and 4 are:

Region	Library	Suburb
OMBSC 1	Cessnock City Library	Cessnock
	Kurri Kurri library	Kurri Kurri
OMBSC 2	Beresfield library	Beresfield
	East Maitland library	East Maitland
	Maitland City Library	Maitland
	Raymond Terrace library	Raymond Terrace
	Rutherford library	Rutherford
	Thornton library	Thornton
OMBSC 3	Nelson Bay Library	Nelson Bay
	Tomaree	Salamander Bay
OMBSC 4	Edgeworth library	Edgeworth
	Morisset Library	Morisset
	Toronto library	Toronto
	Wangi Wangi library	Wangi Wangi
	West Wallsend Library	West Wallsend

8. Appendices *continued...*

APPENDIX 5: Major shopping centres in OMBSCs 1, 2, 3, and 4

Westfield Kotara, Kotara

Pedestrian estimate (pa): 6,669,510
Size of centre: 68,382 sq m
Open/Enclosed car bays: 1,298 / 1,736
Major tenants: David Jones, Kmart, Target, Woolworths, Coles, Toys 'R' Us, Borders.

Charlestown Square, Charlestown

Pedestrian estimate (pa): 11,420,000
Size of centre: 50,600 sq m
Open car bays: 2,500
Major tenants: Myer, Big W, Target, Coles, Woolworths.

Stockland Glendale, Glendale

Pedestrian estimate (pa): 4,306,979
Size of centre: 51,731 sq m
Open car bays: 2,338
Major tenants: Target, Chemistworks, A-Mart All Sports, Aldi, K-Mart, Coles, Woolworths, Best & Less.

Centro Lake Macquarie, Mount Hutton

Pedestrian estimate (pa): no estimate available
Size of centre: 16,919 sq m
Open/Enclosed car bays: 854 / 99
Major tenants: Big W, Woolworths

Gowrie Street Mall, Singleton

Pedestrian estimate (pa): 2,300,000
Size of centre: 11,118 sq m
Open car bays: 560
Major tenants: Big W, Woolworths

Maitland Hunter Mall, Maitland

Pedestrian estimate (pa): no estimate available
Size of centre: 14,234 sq m
Open/Enclosed car bays: 179 / 517
Major tenants: Kmart, Bi-Lo.

Raymond Terrace Marketplace, Raymond Terrace

Pedestrian estimate (pa): 3,389,000
Size of centre: 15,172 sq m
Open/Enclosed car bays: 47 / 606
Major tenants: Big W, Woolworths

Salamander Shopping Centre, Salamander Bay

Pedestrian estimate (pa): 3,800,000
Size of centre: 22,247 sq m
Open car bays: 1,120
Major tenants: K-Mart, Woolworths, Bi-Lo, Target

Stockland Green Hills, East Maitland

Pedestrian estimate (pa): 5,300,000
Size of centre: 27,995 sq m
Open/Enclosed car bays: 1000 / 600
Major tenants: Big W, Woolworths, Coles, Best & Less, Dan Murphy's

Stockland Jesmond, Jesmond

Pedestrian estimate (pa): 4,777,537
Size of centre: 21,298 sq m
Open/Enclosed car bays: 769 / 143
Major tenants: Big W, Woolworths, Go-Lo

8. Appendices *continued...*

Stockland Wallsend, Wallsend

Pedestrian estimate (pa): 2,900,000

Size of centre: 11,731 sq m

Open car bays: 670

Major tenants: Coles, Aldi

Source: NSW/ACT Shopping Centre Directory – Property Council of Australia

APPENDIX 6: Aged care facilities in OMBSCs 1, 2, 3, and 4

Region	Name	Suburb
OMBSC 1	Abernethy Nursing Home and Jacaranda Grove Retirement Village	Cessnock
	Allandale Aged Care Facility	Cessnock
	Cessnock House	Cessnock
	Cessnock Masonic Retirement Village	Cessnock
	Kurri Kurri Nursing Home and Masonic Village	Kurri Kurri
	Oakwood Village Retirement Village	Gillieston Heights
	Southwood Park Retirement Village	Neath
OMBSC 2	Ashton Gardens Retirement Village	East Maitland
	Maitland Nursing Home	Rutherford
	Oban Nursing Home	Raymond Terrace
	Tanilba Shores Village Aged Care	Tanilba Bay
	Greenhills Church of Christ Retirement Village & Nursing Home	East Maitland
	Largs Aged Care Complex	Largs
OMBSC 3	Mount Carmel Retirement Village	Oakhampton
	Fingal Haven Village	Fingal Bay
	Harbourside Haven Retirement Village	Shoal Bay
	Salamander Bay Retirement Village	Salamander Bay
	Sea Winds Village	Anna Bay
OMBSC 4	Ambleside Retirement Village	Morisset Park
	Amelia Place Retirement Village	Cooranbong
	Avondale Retirement Village	Cooranbong
	Bay Village Estate Retirement Village Morisset	Morisset

8. Appendices *continued...*

Region	Name	Suburb
OMBSC 4 <i>cont...</i>	Bonnells Bay Nursing Home	Morisset
	Bonnells Bay Village Estate	Morisset
	C A Brown Anglican Retirement Village	Booragul
	C A Brown Anglican Village Nursing Home	Booragul
	Carey Bay Nursing Home & Retirement Village	Carey Bay
	Charles Harrison Memorial Nursing Home	Cooranbong
	Don Geddes Catalina Memorial Nursing Home	Rathmines
	Elmore Glen	Elmore Vale
	Fig Tree Point Aged Care Facility	Toronto
	Hawkins Masonic Retirement Village	Edgeworth
	Henry Kendell Bayside Retirement Village	Morisset
	Lakeside Lodge Nursing Home	Teralba
	Macquarie Retirement Care Services	Bolton Point
	Rosedale Village	Cooranbong
	The Grange Retirement Village	Morisset
	Toronto Village Nursing Home	Toronto
	Westlakes Miners Retirement Village & Nursing Home	Teralba
	Woodlands Retirement Village	Wallsend

APPENDIX 7: Sources of information and presentation of data

The main sources of information found in this document are:

- Australian Bureau of Statistics – 2006 Census of Population & Housing
- CityRail – Compendium of CityRail Travel Statistics (April 2006): Train Station Passenger Counts
- Local Council websites: LGA profile information
- Federal Department of Health website: Aged Care data
- NSW Department of Education & Training 2008/09
- Property Council of Australia – NSW/ACT Shopping Centre Directory 2008
- NSW Department of Planning – City of Cities: A plan for Sydney's future (December 2005) – Centres
- Transport Data Centre (NSWTI) – Household Travel Survey, Journey to Work data, Facilities data, Geographic data
- Centrelink Pension Data



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