

REPORT

Demographic and socio-economic analysis of Western Australia

Prepared for

The Joint Review of WA Community Legal Centres

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Perth WA 6842

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URS

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Prepared By URS Australia Pty Ltd
Shane Boladeras
Natural Resource Consultant
Level 3, The Hyatt Centre
20 Terrace Road
East Perth, WA 6004 Australia
Tel: 61 8 9221 1630

Reviewed By
Bruce Howard
Principal Resource Economist
Fax: 61 8 9221 1639

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Executive Summary

Community Legal Centres (CLCs) are non-profit organisations that provide legal and welfare services to members of the community. In Western Australia, there are 33 CLCs that are members of the Association of Community Legal Centres WA. Of these, 18 receive a total of approximately \$3 million funding through the Commonwealth Community Legal Services Program (CCLSP). The Commonwealth is undertaking a program of reviews of the CCLSP. The focus of the Review is on the distribution of community legal services throughout Western Australia, the range of services delivered and allocation of funding to services.

This report presents a demographic and socio-economic analysis of Western Australia and assesses the current and potential demand for Legal Aid and Community Legal Centre services throughout Western Australia.

Nineteen indicators covering population, income, unemployment, education, domestic violence, health, housing and transfer payments were investigated. Also used in assessing the current and potential demand for Legal Aid services was an Index of Relative Disadvantage, developed by the Australian Bureau of Statistics, and an Index of Demand developed by the Consultant Team. Data used in defining the indicators were available for the year 2000 or later, except for one indicator (Transfer Payments - 1998). Indicators were represented at a Local Government Authority (LGA) level, except for Health and Domestic Violence which were presented according to Regional Development Commission (RDC) boundaries.

The Western Australian population is spatially very heterogenous, with significant differences in the makeup and socio-economic status between individual communities. For example, the proportion of Indigenous persons ranged from 0.1 per cent in Claremont LGA to 83 per cent in Ngaanyatjarraku LGA. The spatial diversity across a range of indicators highlighted the value of this report for determining demand for services.

The Index of Demand for Legal Aid services was sorted by Regional and Metropolitan LGAs. The highest ranking Metropolitan LGAs were those in significant population centres (Kwinana, Belmont and Fremantle) and areas of high growth (Swan, Wanneroo and Stirling). Regional LGAs ranking highly on the Index of Demand were the rapidly growing areas to the south of Perth (Mandurah and Murray) and remote parts of the state with high numbers of Indigenous people (Kimberley, Ngaanyatjarraku, Upper Gascoyne, and Murchison).

Population estimates from 2001 to 2016 were calculated. Those LGAs with high levels of predicted population growth, and ranking highly in the Index of Demand for Legal Aid services, included Kwinana, Rockingham, Wanneroo, Swan, Stirling, Gosnells and Armadale. This is an important consideration in planning for future demand for Legal Aid services.

The indicator of domestic violence strongly highlighted the Kimberley, Pilbara, Goldfields-Esperance and Wheatbelt as RDC regions with high levels of domestic violence in 2001. The percentage of females reporting psychological distress was the highest in the Kimberley (16.2%) and Goldfields-Esperance (15.4%) regions. For males, the Peel region stood out, with 14.8 per cent reporting problems, almost twice the rate of incidence in most other regions.

1.1 The review of Community Legal Centres

Community Legal Centres (CLCs) are non-profit organisations that provide legal and welfare services to members of the community. In Western Australia, there are 33 CLCs that are members of the Association of Community Legal Centres WA. Of these, 18 receive a total of approximately \$3 million funding through the Commonwealth Community Legal Services Program (CCLSP).

The overarching purpose of the CCLSP is to deliver community legal services to disadvantaged persons in the Australian community. The Commonwealth, via the Attorney General's Department, is responsible for the Program at a national level. Legal Aid WA (the Client for this project) performs a function as State Program Manager in WA to administer the CCLSP funding and report to the Commonwealth.

The Commonwealth is undertaking a program of reviews of the CCLSP. The focus of the Review is on the distribution of community legal services throughout Western Australia, the range of services delivered and allocation of funding to services.

1.2 Context of this report within the Review

For the purposes of this report Legal Aid services are defined as legal services to the disadvantaged provided by CLCs and Legal Aid WA. By providing a range of holistic services, Legal Aid WA and CLCs can address the many often interrelated issues a client may have. By using a multidisciplinary team, Legal Aid WA and CLCs offer a comprehensive view of the law, legal system and the issues clients present with, not just a legal perspective and therefore, not just legal solutions.

To provide the above services effectively and efficiently, Legal Aid WA works at a strategic level with CLCs in areas where demand for such services is the highest.

The study reported here uses demographic and socio-economic data for WA communities in defining the location of current demand. The Report also documents future demand, based on population projections.

1.3 About this report

Section 1 presents the Executive Summary;

Section 2 gives an introduction to the project, its objectives and explains the methodology;

Section 3 contains the analysis of the individual Indicators of Demand for legal aid services;

Section 4 presents an 'Index of Demand', with communities ranked for their score using that index;

Section 5 presents the Report's conclusions;

Section 6 lists acknowledgement and references; and

Section 7 presents the limitations to the reporting.

1.4 Selecting Indicators of Demand

The Client recommended nineteen socio-economic indicators be used to assess the level of current and potential demand for Legal Aid services throughout Western Australia. These indicators and corresponding details are listed in Table 1 below.

Table 1: Socio-economic indicators relevant to demand for Legal Aid services

Indicator	Details	Year
Persons born overseas	Calculated as a percentage of the total population and also total numbers	2000
Indigenous persons	Calculated as a percentage of the total population and also total numbers	2000
Average Annual Growth Rate (AAGR) – 10 years	The AAGR from 1991 to 2001	2001
Average Annual Growth Rate (AAGR) – 5 years	The AAGR from 1996 to 2001	2001
Weekly individual income	Percentage of individuals earning less than \$400 per week	2000
Weekly household income	Percentage of household earning less than \$600 per week	2000
Weekly family income	Percentage of families earning less than \$600 per week	2000
Unemployment – Jun 02	Unemployment rate as at June 2002	2002
Unemployment – Dec 02	Unemployment rate as at December 2002	2002
Persons never attending school or only to Year 8	Percentage of people who never attended school or only attended up to and including Year 8	2000
State housing	Percentage of rented dwellings owned by the State Housing Authority	2000
Home ownership	Percentage of housing that is fully owned	2000
Transfer payments	Department of Social Security payment as a percentage of post tax income	1998
H-Index	Index of disadvantage developed by the Education Department*	1998
Life expectancy	Life expectancy (in years) at birth	2001
Mental health	Percentage of the population reporting mental health problems	2001
Psychological distress	Percentage of the population reporting psychological distress	2001
Domestic violence	Incidences of domestic violence**	2001
Population projections	Predicted population increases to 2006, 2011 and 2016, represented as actual increases and also percentage increase***	na
Disadvantage index	Index of relative disadvantage developed by the ABS	1996
Demand index	Index of demand for Legal Aid services developed by the consultant team, combining the majority of the indicators listed above (see Section 1.6)	na

* Each school in Western Australia is assigned an index of disadvantage from 1 to 10, with 10 being the most disadvantaged. Schools were grouped by LGA and the average, maximum and minimum index values used for the purpose of this report.

** Based on WA Police recorded crime for offences against the person (e.g. homicide, assault, sexual assault) only where they have included information for the “relation code”, which occurs usually when the alleged offender has been processed by police.

*** Population projections (for 2006, 2011 & 2016) are based on 1996 ABS Census data, however the projected increase in population is calculated based on real 2001 data. There are a small number of LGAs with actual 2001 populations already exceeding the projected value.

1.5 Geographical boundaries for data analysis

Local government boundaries were considered to be an appropriate scale for assessing individual indicators of socio-economic advantage/disadvantage. There are 142 LGAs covering the whole of Western Australia and these are listed in **Appendix G**. For all the indicators listed in Table 1, with the exception of health and domestic violence, data are presented at the Local Government Authority (LGA) level. For the health and domestic violence indicators, data were not available at the LGA level and are presented according to the Regional Development Commission (RDC) boundaries. Regional Development Commission boundaries are shown in **Appendix A**.

1.6 Developing an 'Index of Demand'

Indicators in Table 1 can be related to the current and predicted demand for legal aid services. Thus, using data for each indicator, LGAs can be ranked against that indicator for their demand for services. Three examples related to current and predicted demand are presented.

- LGAs were ranked from the lowest percentage of home ownership to the highest percentage. The logic is that a high level of home ownership indicates comparatively wealthy families or individuals which would have a lower demand for Legal Aid services. Conversely, a higher percentage of people resident in rental accommodation suggests less affluent communities with a high need for support from Legal Aid.
- Indigenous people have a demonstrated high need for support from government-funded legal services, including Legal Aid. Ranking LGAs for the number and percentage of Indigenous people provides an indication of the relative level of demand for services from this sector of the community.
- LGAs were ranked from greatest projected increase in population to lowest. Rapidly increasing population suggests a predicted increase in demand for services.

1.6.1 Indicator selection

While Local Government Authorities can be ranked for relative demand for Legal Aid services, each LGA will rank differently for separate indicators. Multiple indicators are needed to develop a balanced and more complete overall measurement of relative demand for services. The 'Index of Demand' (also termed the Demand Index) developed by the Consultant Team used the following fourteen indicators:

- persons born overseas (real numbers and percentage of total population for each LGA);
- Indigenous persons (real numbers and percentage of total population for each LGA);
- annual average growth rate (AAGR) over the last 10 years (percentage for each LGA);
- AAGR over the last 5 years (percentage for each LGA);
- weekly individual income (percentage of people with an income of less than \$400 per week for each LGA);

-
- weekly household income (percentage of households with an income of less than \$600 per week for each LGA);
 - weekly family income (percentage of families with an income of less than \$600 per week for each LGA);
 - unemployment rate at June 2002 (percentage for each LGA);
 - unemployment rate at December 2002 (percentage for each LGA);
 - persons who have never attended school or have only reached Year 8 level (percentage for each LGA);
 - State housing (percentage of total houses for each LGA);
 - home ownership (percentage of total houses for each LGA);
 - monthly housing loan payments (percentage of houses where monthly repayments are less than \$600 per month for each LGA); and
 - DSS payments (as a percentage of income for each LGA).

Local Government Authorities were assigned a rank for their position against each of the above indicators from 1 (highest rank) to 142 (lowest rank). The higher the ranking indicates an expected higher demand for Legal Aid WA services. Where the indicator variable was the same for two or more LGAs, an equal rank was assigned. For example, Exmouth (S) and Geraldton (C) both had unemployment rates of 10.6 per cent in June 2002, therefore were both assigned a ranking of 10.

1.6.2 Calculating the Index of Demand

The simplest approach to developing an overall 'Index of Demand' involves an additive process across LGA rankings for those fifteen indicators judged to most relevant in defining current and predicted demand for services. For each LGA, the rank value for each indicator was added together to give a numerical total value. Indicators were not weighted when calculating the demand index, the raw ordinal rankings were added. In presenting the Demand Index, the lower the total additive value, the greater the estimated current and predicted demand for Legal Aid services.

Two forms of the Demand Index were developed. In the first form, the ranks used for the indicators presenting 'persons born overseas' and 'Indigenous persons', were determined according to the total number of persons. In the second form, the ranks were determined using the percentages of people in these categories for the respective LGA. In calculating the demand index, either the 'total number of persons' OR 'percentage of total population' method was used. The demand indices for both of these methods are listed in Section 3.

By analysing the demand index, and the index of relative disadvantage, population projections, and the health and domestic violence indicators the current and future demand for Legal Aid services across WA communities can be estimated.

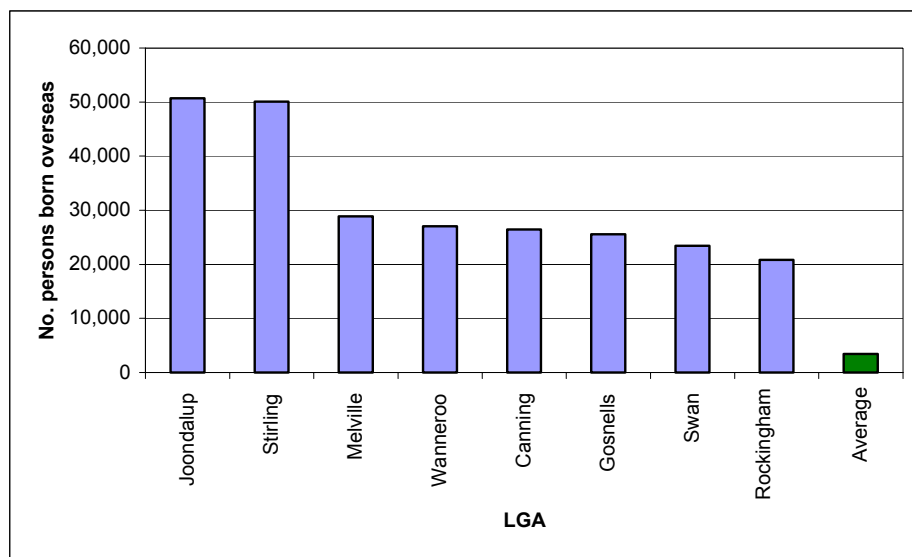
2.1 Population data

Population data are presented for the following indicators: ‘persons born overseas’, ‘Indigenous persons’ and ‘average annual growth rates for ten and five year periods’, with the eight highest ranking LGAs highlighted. As outlined in Section 1.6, the indicators ‘persons born overseas’ and ‘Indigenous persons’ are represented by total number of persons and by percentage of total LGA population. Data for all LGAs is contained within **Appendix J**.

Indicator: persons born overseas

The eight LGAs with the greatest number of persons born overseas is shown in Figure 1. On average there were 3,454 persons born overseas in each LGA and the maximum 50,686 in Joondalup.

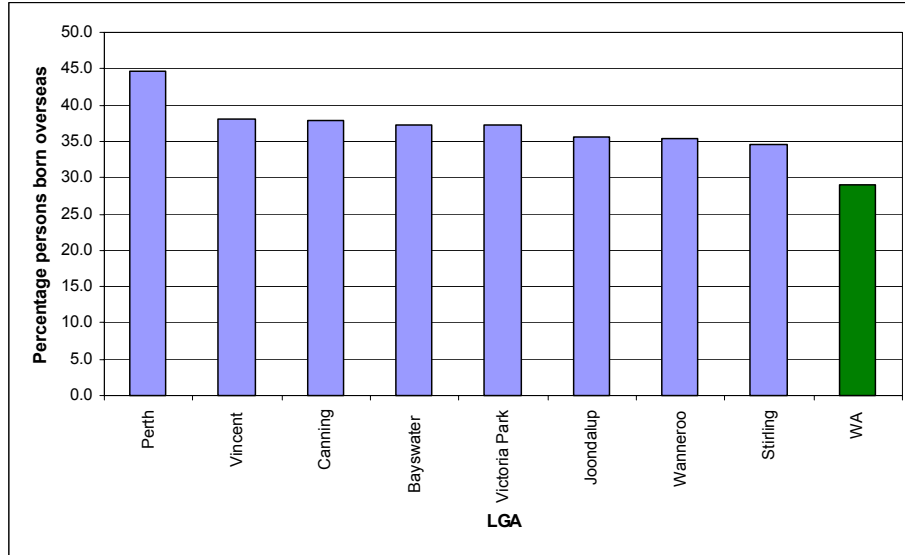
Figure 1: Number of persons born overseas



Source: ABS (2001)

The eight LGAs with the greatest percentage of persons born overseas is shown in Figure 2. Twenty nine per cent of the population of Western Australia are born overseas, with the highest percentage in the City of Perth (45 per cent) and 38 per cent in Vincent and Canning. Four LGAs appeared in the top eight for both the ‘number of persons’ and ‘percentage of persons’ analysis –Joondalup, Stirling, Wanneroo and Canning.

Figure 2: Percentage of persons born overseas

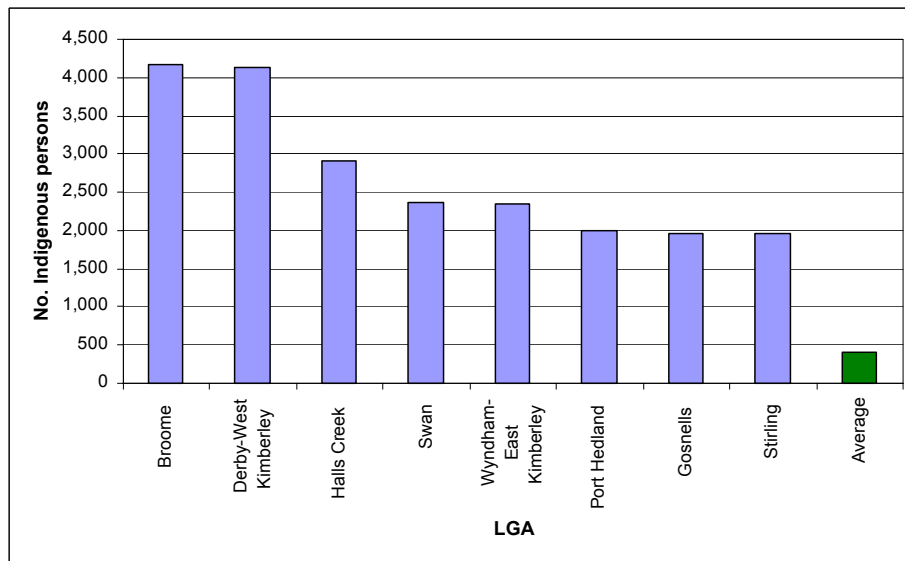


Source: ABS (2001)

Indicator: Indigenous persons

The eight LGAs with the highest number of Indigenous persons is shown in Figure 3. The average number of Indigenous persons in each LGA was 411, ranging from 0 to 4,179.

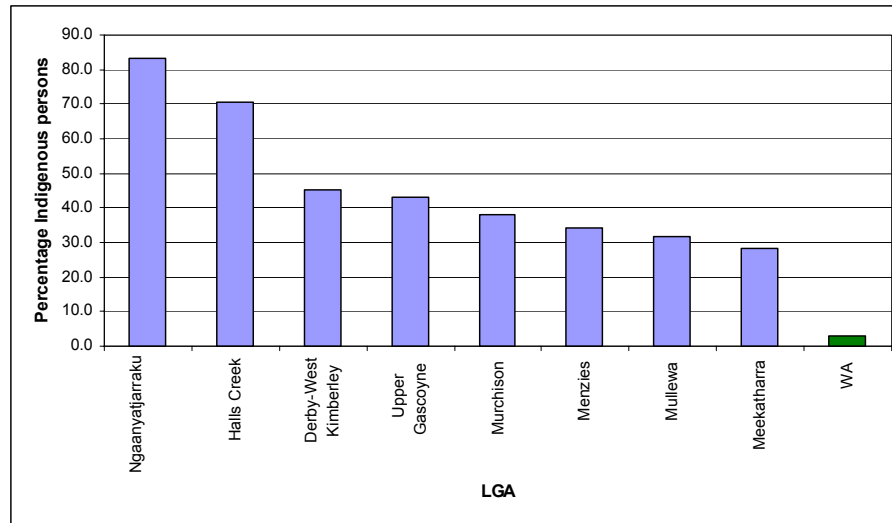
Figure 3: Number of indigenous persons



Source: ABS (2001)

The eight LGAs with the highest percentage of Indigenous persons is shown in Figure 3. There is quite a difference in the ranking of LGAs when done according to percentage as opposed to numbers. Local Government Authorities with the highest proportion of Indigenous persons occur primarily in rural and remote Western Australia. However, total population in many of these LGAs is low.

Figure 4: Percentage of Indigenous persons

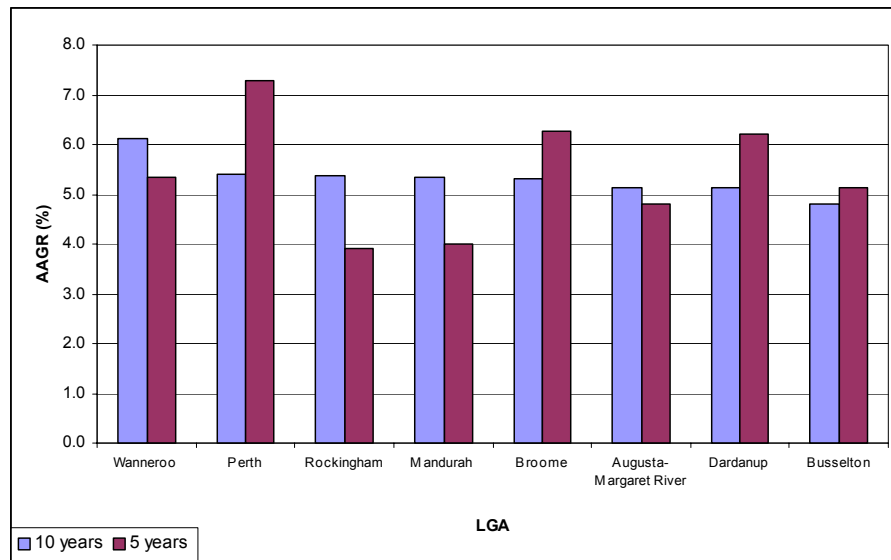


Source: ABS (2001)

Indicator: Average annual growth rates

Average annual growth rates from 1991 to 2001 and 1996 to 2001 for eight of the fastest growing LGAs are shown in Figure 5. The AAGR in the LGAs with a small population are more volatile because a small change in total population will have a greater effect on the percentage change in the total population. With low population LGAs excluded, it is evident that those shown in Figure 5 (Wanneroo, Perth, Rockingham, Mandurah, Broome, Augusta-Margaret River, Dardanup and Busselton) have experienced a high growth rate. Kwinana, Joondalup, Cockburn and Swan also had a high AAGR.

Figure 5: Average annual growth rates, 10 and 5 year periods



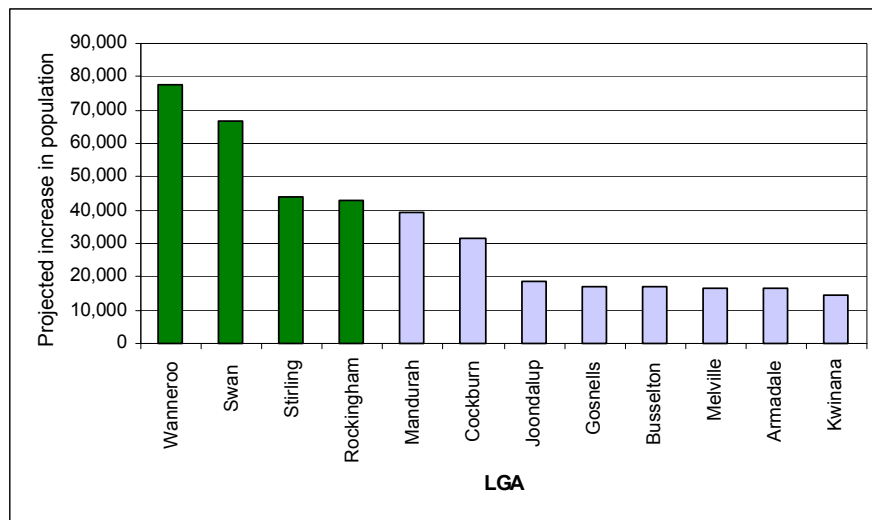
Source: Department of Local Government and Regional Development (2002)

2.2 Population projections

Actual population (2001) and population projections to 2006, 2011 and 2016 for 82 of the 142 LGAs are shown in **Appendix E**. Only 82 LGAs are listed as population projections cannot be calculated accurately where the population is less than or equal to 2,000. It must also be noted that population projections are based on 1996 ABS Census data and projections based on 2001 ABS Census data will not be available until the end of 2003.

Projected population change from 2001 to 2016 has been calculated and LGAs are ranked from largest projected increase in persons to the highest decrease. Projected percentage change in population has also been calculated and LGAs ranked accordingly, however this indicator was not used in calculating the Index of Demand for Legal Aid services. Figure 6 outlines the twelve suburbs with the greatest projected increase in population between 2001 and 2016.

Figure 6: Population projections



Source: Western Australia Tomorrow (2000)

2.3 Income and unemployment

There are three indicators of income status; weekly individual income, weekly household income and weekly family income. The eight LGAs with the lowest levels of income are presented and benchmarked against the average for Western Australia. Unemployment data are presented for the June and December 2002 quarters and the eight LGAs with the highest level of unemployment at these times are shown. Income and unemployment data for all the LGAs are shown in **Appendix J**.

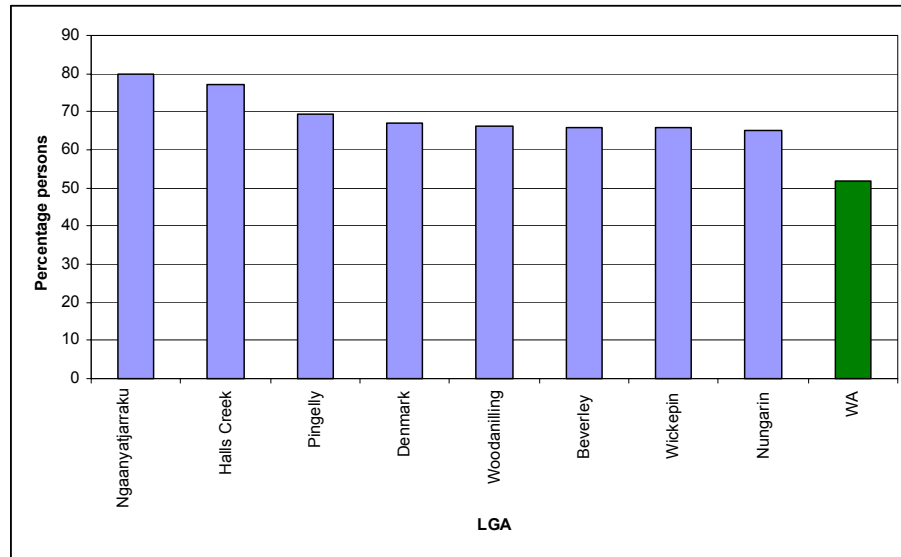
2.3.1 Income

All LGAs

Indicator: weekly individual income

Figure 7 shows the eight LGAs with the highest percentage of persons with a weekly income of less than \$400 per week. Across all LGAs this statistic ranged from 17 to 80 per cent and averaged 52 per cent across the whole of the state. Local Government Authorities with a high percentage of persons in this category were located in either the very remote parts of Western Australia, the Wheatbelt or the Great Southern. Respective LGAs include Ngaanyatjarraku and Halls Creek; Pingelly, Beverley, Wickpin, Kellerberrin and Nungarin; and Denmark and Woodanilling.

Figure 7: Percentage with weekly individual income less than \$400

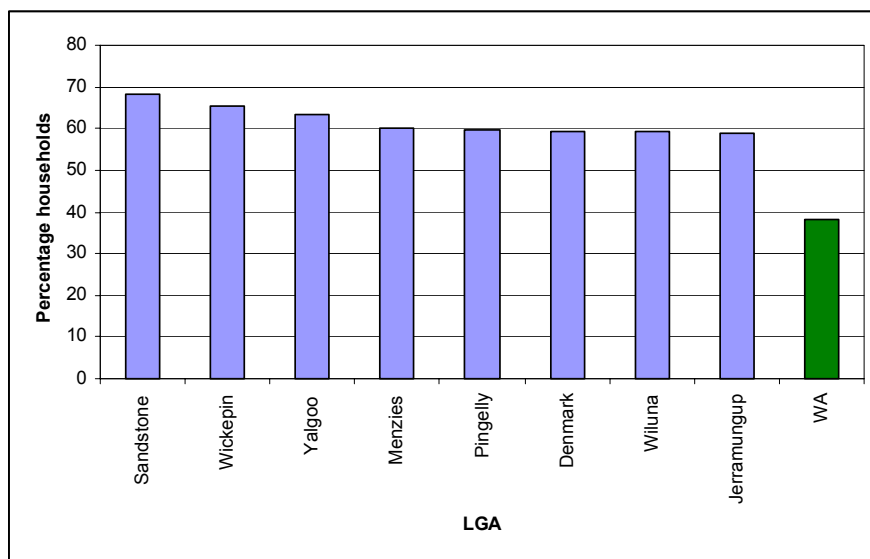


Source: ABS (2001)

Indicator: weekly household income

The eight LGAs with the highest percentage of households earning less than \$600 per week are presented in Figure 8. Across all LGAs the percentage of households in this category ranges from 12 to 68 per cent and for Western Australia overall, 38 per cent. Again, it is remote LGAs or those in the Wheatbelt or Great Southern that contain a larger percentage of households earning less than \$600 per week.

Figure 8: Percentage with weekly household income less than \$600

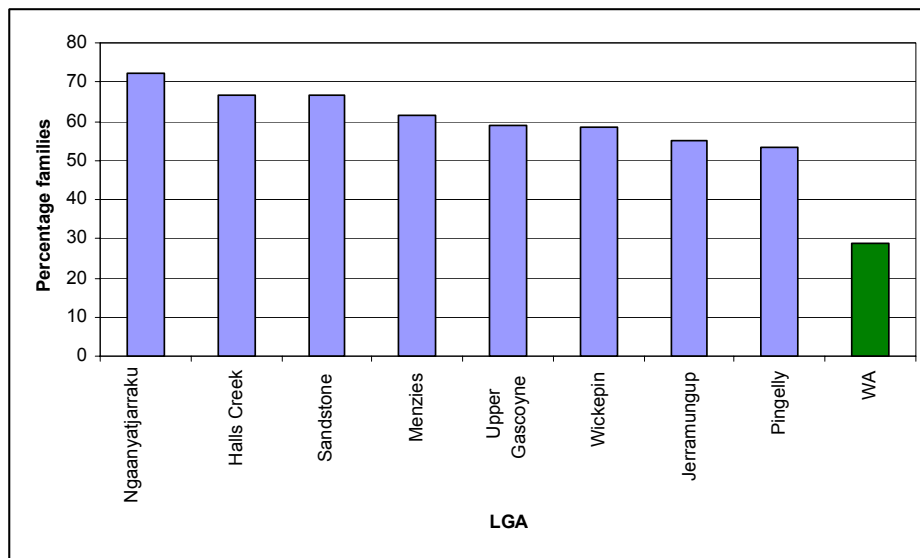


Source: ABS (2001)

Indicator: weekly family income

The eight LGAs with the highest percentage of families earning less than \$600 per week are illustrated in Figure 9. Across all LGAs the percentage of families in this bracket ranged from 9 to 72 per cent and for Western Australia overall, 29 per cent.

Figure 9: Percentage with weekly family income less than \$400



Source: ABS (2001)

As for the other income related indicators, it is the very remote LGAs or those in the Wheatbelt or Great Southern that contain a larger percentage of families earning less than \$600 per week. Eight LGAs appeared in two or more of the indicators – Ngaanyatjaraku, Halls Creek, Pingelly, Denmark, Wickiepin, Jerramungup, Menzies and Sandstone.

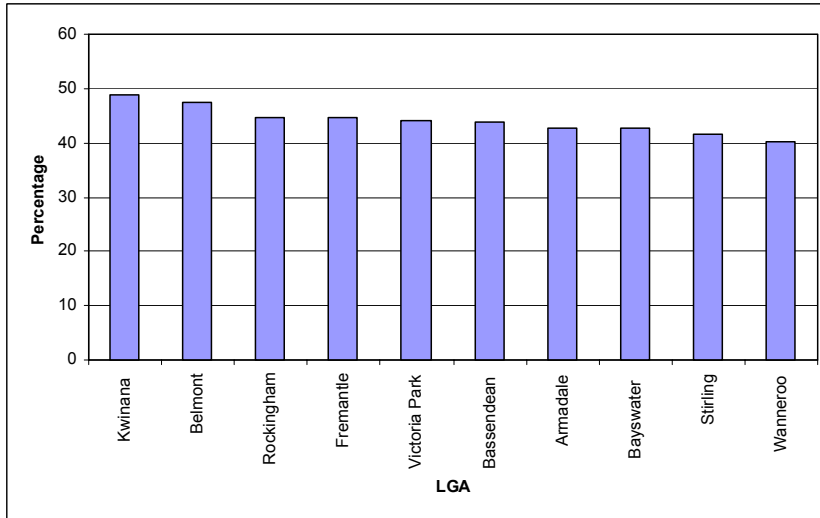
Indicator: income disadvantage

The percentage of individuals, families and households in each LGA whose income was below \$400, \$600 and \$400 per week respectively, were averaged across each LGA to determine the overall level of income disadvantage. When ranked in order of income disadvantage, the LGAs were split into Regional and Metropolitan (see **Appendix I** for ranking of all Regional and Metropolitan LGAs).

Metropolitan LGAs

Figure 10 shows the ten Metropolitan LGAs with the highest percentage of individuals / families / households who have a low income. Kwinana (49%), Belmont (47%), Rockingham (45%) and Fremantle (45%) are marginally the most disadvantaged LGAs, with the remaining LGAs ranging from 23 per cent (Peppermint Grove) to 44 per cent (Victoria Park).

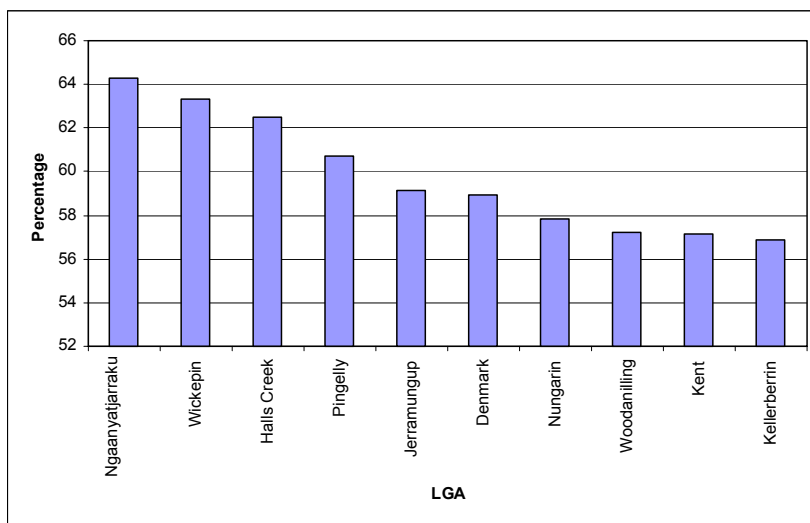
Figure 10: Income disadvantage in Metropolitan LGAs



Regional LGAs

Figure 11 shows the ten Regional LGAs with the highest percentage of individuals / families / households who have a low income. The four most disadvantaged Regional LGAs are Ngaanyatjaraku (64%), Wickepin (63%), Halls Creek (63%) and Pingelly (61%), having significantly higher percentages than the disadvantaged Metropolitan LGAs. The remaining LGAs ranged from 19 per cent (Leonora) to 59 per cent (Jerramungup).

Figure 11: Income disadvantage in Regional LGAs



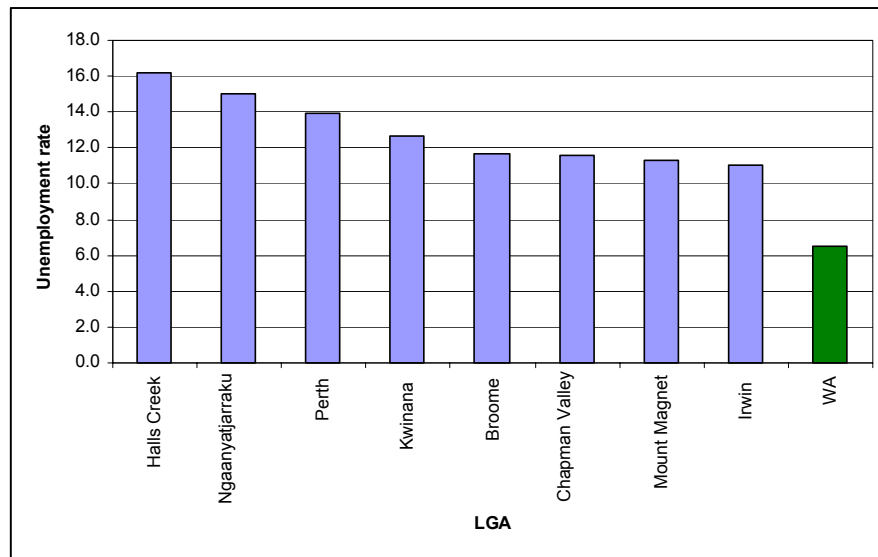
2.3.2 Unemployment

Indicator: unemployment

All LGAs

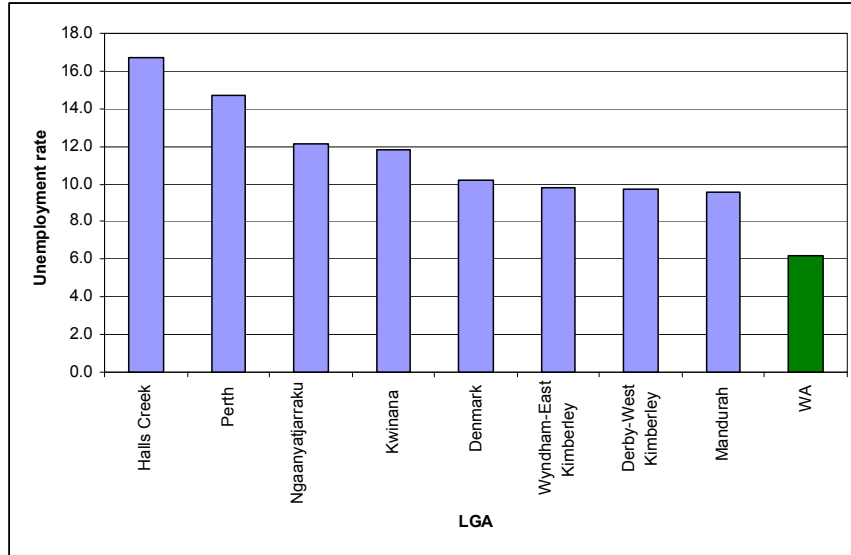
Unemployment levels for the eight LGAs with the highest rate of unemployment in June and December 2002 are illustrated in Figure 12 and Figure 13 respectively. The rate of unemployment across all LGAs in June 2002 varied from 0.5 to 16.2 per cent, compared to an average of 6.5 per cent for Western Australia overall. In December 2002 the rate of unemployment across all LGAs ranged from 0.5 to 16.7 per cent, in comparison to an average of 6.2 per cent for Western Australia.

Figure 12: LGAs with the highest unemployment rates, June 2002



Source: Department of Employment and Workplace Relation (2003)

Figure 13: LGAs with the highest unemployment rates, December 2002

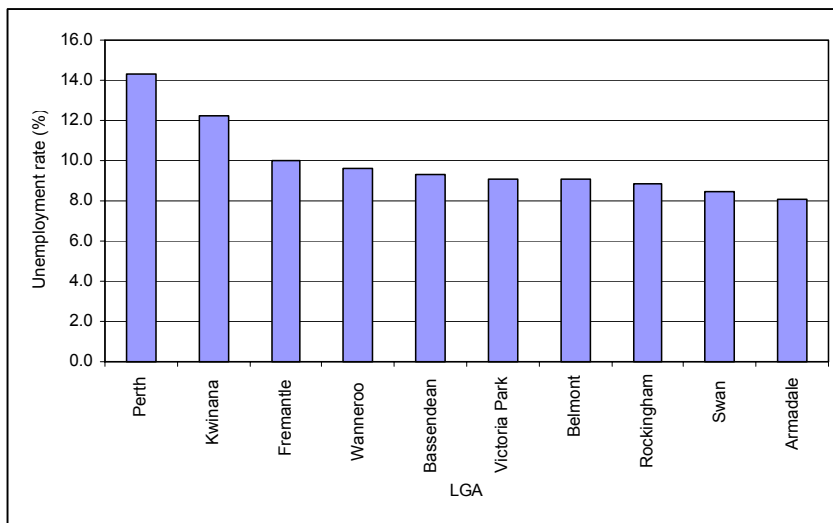


Source: Department of Employment and Workplace Relation (2003)

Metropolitan LGAs

Unemployment levels for the ten Metropolitan LGAs with the highest rate of unemployment across the June and December 2002 quarters are illustrated in Figure 14. Both the Perth and Kwinana LGAs have relatively high levels of unemployment at 14.3 and 12.3 per cent respectively. The remaining eight LGAs have unemployment rates of between 8.1 and 10.0 per cent.

Figure 14: Metropolitan LGAs with the highest unemployment rates, Jun and Dec 02

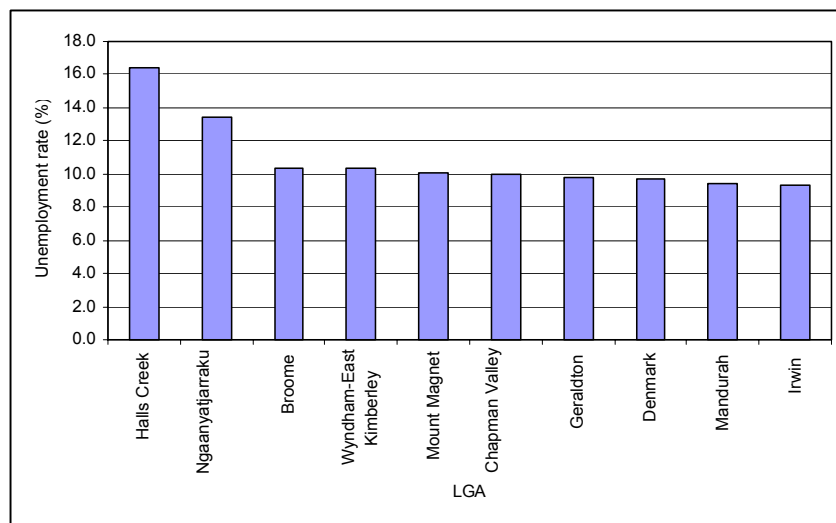


Source: Department of Employment and Workplace Relation (2003)

Regional LGAs

Unemployment levels for the ten Regional LGAs with the highest rate of unemployment across the June and December 2002 quarters are illustrated in Figure 15. Halls Creek and Ngaanyatjarraku experienced relatively high levels of unemployment compared to the remaining LGAs at 16.4 and 13.5 per cent respectively. The remaining eight LGAs have unemployment rates of between 9.3 and 10.4 per cent. The level of unemployment is higher in Regional Western Australia compared to Perth Metropolitan for the higher ranking LGAs, however not across the whole State. In June 2002, unemployment in Regional WA was 6.2 per cent and in Perth Metropolitan, 6.6 per cent.

Figure 15: Regional LGAs with the highest unemployment rates, Jun and Dec 02



Source: Department of Employment and Workplace Relation (2003)

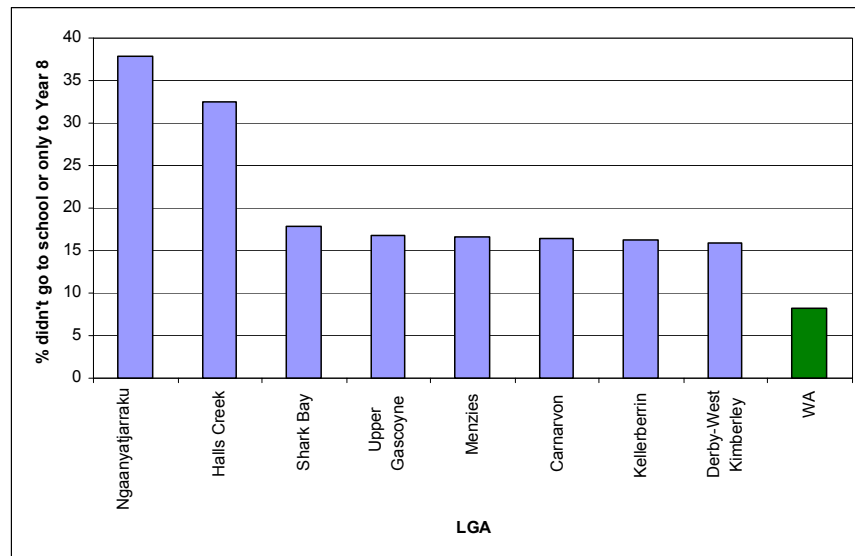
2.4 Education

The two indicators on the status of education in relation to demand for Legal Aid services are: ‘percentage of persons never attending school or only to Year 8’ and ‘the H-Index’. Average H-Index values and the maximum and minimum values for each LGA are illustrated in **Appendix F**. Data on the percentage of persons never attending school or only to Year 8, for all LGAs are shown in **Appendix J**.

Indicator: Percentage of persons never attending school or only to Year 8

The eight LGAs with the highest proportion of persons never attending school or attending only to Year 8 are presented and benchmarked for the average across Western Australia. The percentage of persons by LGA ranged from 0.7 to 37.9 per cent and for Western Australia overall, 8.3 per cent.

Figure 16: Persons never attending school or attending only to Year 8



Source: ABS (2001)

Indicator: H-Index

The Department of Education has an index to measure the level of disadvantage in schools in Western Australia, called the ‘H-Index’. Each school is assigned an index value from 1 to 10, with 10 being the most disadvantaged and 1 the least. The Consultant Team calculated an average H-Index value for each LGA by averaging the index value for all schools within that LGA. The maximum and minimum H-Index value within each LGA was also calculated. Table 2 shows the average, maximum and minimum H-Index values for LGAs with averages index values of 9 or greater.

All of the LGAs listed in Table 2 are located in rural or remote Western Australia. Local Government Authorities located closer to the Perth area that had a high index value (greater than 6) included Kwinana, Belmont, Bunbury, Collie, Mandurah, Busselton, Bassendean and Wanneroo.

Table 2: H-Index value for top four ranking LGAs

LGA	Average	Minimum	Maximum
Carnarvon	10.0	10.0	10.0
Derby-West Kimberley	10.0	10.0	10.0
Halls Creek	10.0	10.0	10.0
Laverton	10.0	10.0	10.0
Menzies	10.0	10.0	10.0
Mullewa	10.0	10.0	10.0
Ngaanyatjarraku	10.0	10.0	10.0
Pingelly	10.0	10.0	10.0
Upper Gascoyne	10.0	10.0	10.0
Wiluna	10.0	10.0	10.0
Yalgoo	10.0	10.0	10.0
Wyndham-East Kimberley	9.8	9.0	10.0
Shark Bay	9.5	9.0	10.0
Beverley	9.0	9.0	9.0
Brookton	9.0	9.0	9.0
Broome	9.0	7.0	10.0
Cue	9.0	9.0	9.0
Meekatharra	9.0	8.0	10.0
Nannup	9.0	9.0	9.0
Waroona	9.0	9.0	9.0

Source: Department of Education (2003)

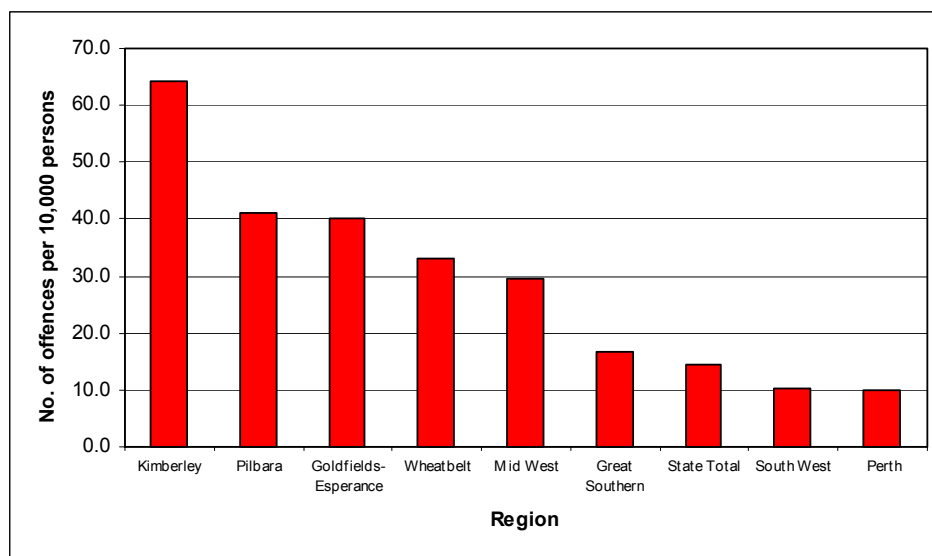
2.5 Domestic violence

Indicator: domestic violence

Data on domestic violence were obtained from the Crime Research Centre of the University of Western Australia. Incidences of domestic violence per 10,000 persons in each of the Regional Development Commission (RDC) regions are illustrated in Figure 17. Incidences of domestic violence are separated into offences by spouse and by family (see **Appendix B**). Incidences of domestic violence are based on WA Police-recorded crime for offences against the person (e.g. homicide, assault, sexual assault) only where they have included information for the 'relation code', which occurs usually when the alleged offender has been processed by police.

Incidence of domestic violence per 10,000 persons was the highest in the Kimberley (64.1), Goldfields-Esperance (40.0) and Pilbara (41.2).

Figure 17: Incidences of domestic violence, 2001



Source: Fernandez (2003)

NB: Statistics for the Gascoyne and Mid West regions have been combined and are represented as Mid West, also Peel and South West statistics were combined and represented as South West.

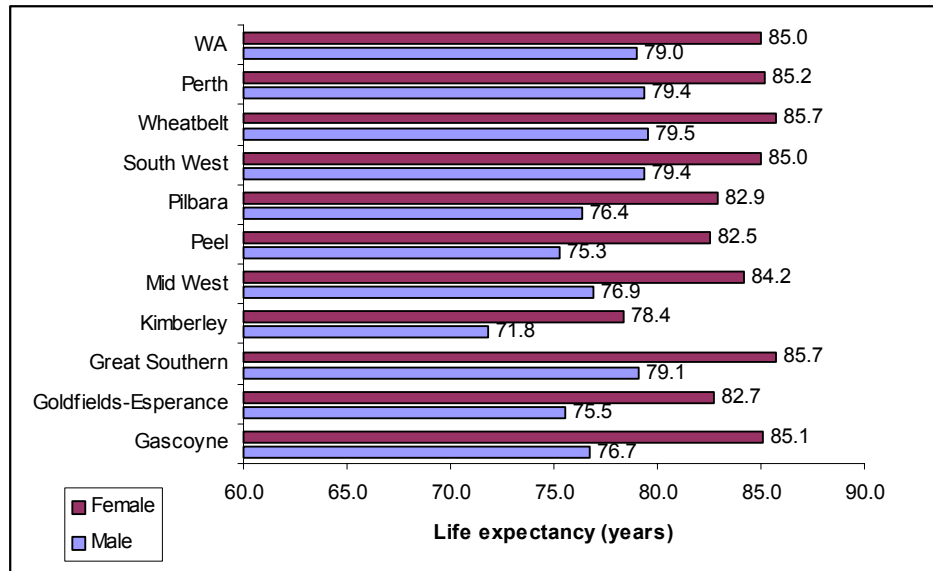
2.6 Health

The three indicators on the status of health in Western Australia that were investigated are: ‘life expectancy’, ‘mental health’ and ‘psychological distress’. These data were obtained from the Department of Health Western Australia and are for the year 2001. The original data were sourced for the *Indicators of Regional Development Report (2003)* prepared by URS for the Department of Local Government and Regional Development.

Indicator: life expectancy

Life expectancy is defined as the average number of years a person is expected to live if the current mortality conditions (i.e. age-specific mortality rates) prevailed throughout their lives. The values of life expectancy in Figure 18 are ‘experimental’ estimates and are indicative only. Life expectancy for both males and females is lowest in the Kimberley region, and highest in the agricultural regions of the Great Southern and Wheatbelt. For males, the Great Southern, South West and Wheatbelt regions recorded levels of life expectancy greater than the Western Australian average. For females, those same three regions along with the Gascoyne suggest a life expectancy greater than the State average.

Figure 18: Life expectancy, 2001



Source: Department of Health (2002)

In 1998, Indigenous WA females had a life expectancy at birth 6.8 years higher than equivalent Indigenous males (Table 3). At this time, life expectancy amongst Indigenous males and females was calculated to be 59.6 years and 66.4 years respectively. As shown in Table 3, there is a significant difference between life expectancy in the Indigenous and non-Indigenous sectors of the WA population.

Table 3: Indigenous life expectancy, 1998

	Males	Females
Indigenous	59.6	66.4
Non-Indigenous	76.4	82.1
Difference	- 16.8	- 15.7

Source: Department of Health (2002)

Indicator: mental health

The prevalence of mental health problems is shown in Table 4. More women than men are reported as having mental health problems, with the highest proportion being in the Goldfields-Esperance (17.9%) and the lowest in the Gascoyne (7.7%). Overall, males living in Regional Western Australia experience a lower reported level of mental health problems than those living in Metropolitan Perth, the exception being in the Kimberley where 12.9 per cent of males have recognised mental health problems. Ten per cent of males living in Perth Metropolitan reported having mental health problems.

Table 4: Percentage of population reporting mental health problem, 2001

	Gascoyne	Goldfields- Esperance	Great Southern	Kimberley	Mid West	Peel	Pilbara	South West	Wheatbelt	Perth Metro
Male	3.1	9.4	6.7	12.9	9.7	13.2	3.7	6.2	11.1	10.0
Female	7.7	17.9	16.0	13.2	13.3	14.9	8.5	13.5	13.3	15.2

Source: Department of Health (2002)

Indicator: psychological distress

Table 5 presents statistics for the percentage of people reporting psychological distress. It is evident that fewer males reported medium to very high levels of psychological distress across almost all regions compared with females. The Kimberley (16.2%) and Goldfields-Esperance (15.4%) regions reported the highest percentage of the female population reporting a medium to very high level of psychological stress – compared to a 11.9 per cent incidence in Perth. For males, the Peel region stands out, with 14.8 per cent reporting problems, which is almost twice the rate of incidence in most other regions, and 5.1 per cent higher than the incidence in the neighbouring Metropolitan area. The lowest levels of distress were reported in the Pilbara region with 8.5 per cent of females and 4.3 per cent of males reporting problems.

Table 5: Percentage of population reporting psychological distress, 2001

Situation	Sex	Gascoyne	Goldfields- Esperance	Great Southern	Kimberley	Mid West	Peel	Pilbara	South West	Wheatbelt	Perth Metro
Prevalence of feeling a medium to very high level of psychological distress	M	10.9	7.2	7.6	7.1	8.4	14.8	4.3	5	6.8	9.7
	F	7.7	15.4	8.5	16.2	10	11.5	8.5	9.1	11.2	11.9
Proportion having no sense of control over their lives most of the time	M	3.1	5.1	3.8	4.3	4.5	7.3	5.6	3.5	3	5
	F	2.6	3.4	2.1	5.9	3.3	2.6	3.8	1.6	3.3	4.5

Source: Department of Health (2002)

The region with the largest proportion of females feeling as if they have no control over their life most of the time was in the Kimberley (5.9%) and for males it was the Peel region (7.3%). Peel, Pilbara and Perth Metropolitan regions stand out as having a relatively high proportion of the population feeling they don't have control over their life most of the time.

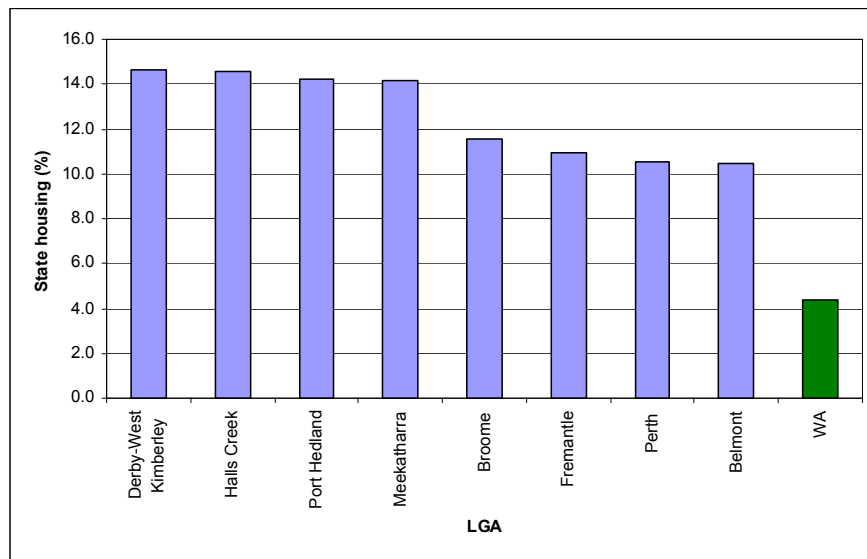
2.7 Housing

The two indicators on the status of housing in Western Australia in relation to demand for Legal Aid services are state housing and home ownership. Indicator data for all LGAs is contained within **Appendix J**.

Indicator: state housing

The eight LGAs with the highest proportion of state housing are illustrated in Figure 19. Across all LGAs state housing ranged from 0 to 14.6 per cent of housing. In Western Australia overall, 4.4 per cent of housing is state housing. Local Government Authorities in the Perth area showing levels of state housing at 6 per cent or higher were Fremantle, Perth, Belmont, Bassendean and Kwinana.

Figure 19: Percentage of housing as state housing

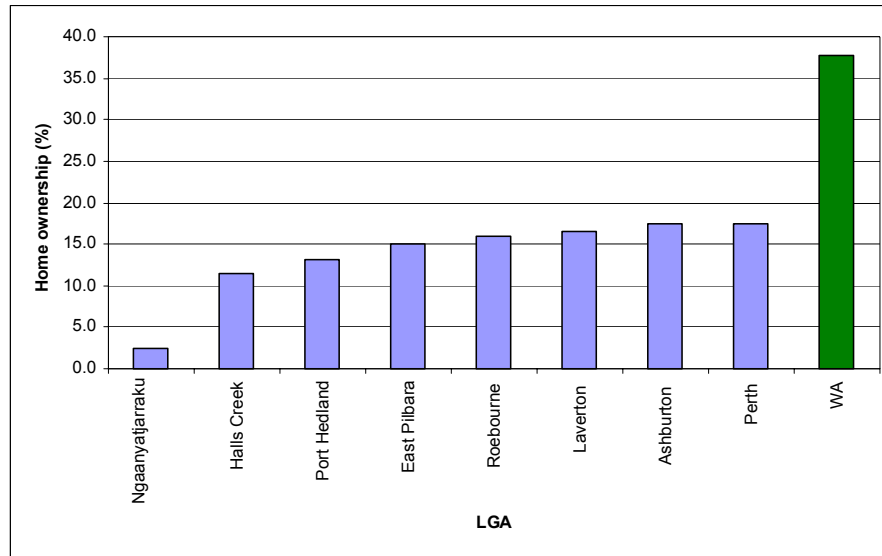


Source: ABS (2001)

Indicator: home ownership

The eight LGAs with the lowest percentage of homes owned outright are illustrated in Figure 20. The level of home ownership ranged from 2.5 to 66.2 per cent and for Western Australia as a whole was 37.7 per cent. There was little correlation between the level of home ownership and state housing with the exception of Perth, Halls Creek and Derby-West Kimberley which have low levels in the former and high levels in the latter statistic.

Figure 20: Percent of homes fully owned



Source: ABS (2001)

2.8 Transfer payments

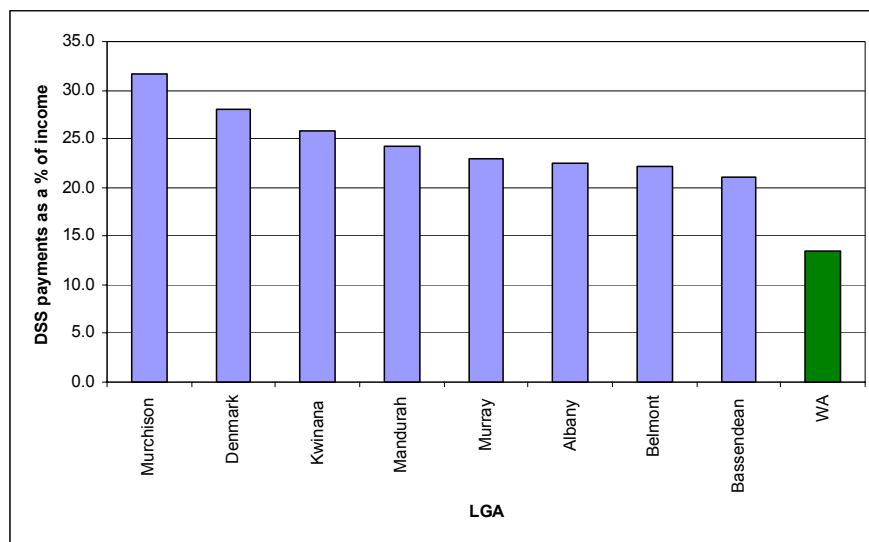
Indicator: transfer payments

The eight LGAs with the highest percentage of net personal income (after tax) derived from DSS payments are shown in Figure 21. These data are for 1998 and currently there is no subsequent updated report. Department of Social Security income includes primary payments, add-ons¹, rent assistance, and family payments received by clients and spouses for all recipients in the area. The percentage of income received as DSS payments at LGA scale ranged from 1.2 to 31.6 per cent. Across Western Australia 13.4 per cent of net personal income was derived from transfer payments from the Department of Social Security.

Local Government Authorities in or relatively close to the Perth vicinity where 18 per cent or more of net personal income was derived from DSS payments are: Kwinana, Mandurah, Belmont, Bassendean, Fremantle, Joondalup, Rockingham and Victoria Park.

¹ Pharmaceutical Allowance, Remote Area Allowance, Incentive Allowance, Disability Youth Supplement, Training Allowance, Living Away from Home Allowance, Home Based Maintenance Allowance.

Figure 21: DSS payments as a percentage of income



Source: Bray and Mudd (1998)

2.9 Index of Relative Disadvantage

Indicator: Index of Relative Disadvantage

The index of relative disadvantage is an index developed by the Australian Bureau of Statistics and is based on 1996 data. The top 50 disadvantaged suburbs and LGAs in Western Australia are shown in **Appendix C**. The top fifteen disadvantaged LGAs and suburbs as listed by the ABS index of relative disadvantage are shown in Table 6.

Table 6: Index of Relative Disadvantage, top 15 suburbs and LGAs

Rank	Suburbs	LGA
1	East Rockingham	Ngaanyatjarraku
2	Karawara	Derby-West Kimberley
3	Coodanup	Halls Creek
4	Lockridge	Laverton
5	Balga	Upper Gascoyne
6	Coolbellup	Menzies
7	Midvale	Cue
8	Girrawheen	Kwinana
9	Koongamia	Murchison
10	Medina	Nannup
11	Mandurah	Sandstone
12	Willagee	Wiluna
13	Calista	Belmont
14	Midland	Waroona
15	Westminster	Gingin

Source: ABS (1996)

Index of Demand

The Index of Demand for legal aid services was developed as outlined in Section 1.6. Local Government Authorities were sorted separately for those in Regional Western Australia and those in the Perth Metropolitan area. The total ranks and scores for all the Metropolitan and Regional LGAs are presented in **Appendix D**. As discussed in Section 1.6, two forms of the Index were developed, one using numbers of people, and the other using percentages for ‘persons born overseas’ and ‘Indigenous persons’.

The Total Rank for Metropolitan and region LGAs is little influenced by the choice of methods, with two Metropolitan LGAs only listed in one column (Rockingham and Vincent – see Table 7) and three Regional LGAs only listed in one column (Carnarvon, Busselton and Nannup – see Table 8).

It is likely that the unweighted additive method has led to an over-representation of the less populous LGAs based on those indicators scored by percentage only (e.g unemployment rate, low income percentage etc.). Overall (Metropolitan and Regional LGAs combined) it suggests that demand for legal aid services is highest in the Kimberley, remote parts of the state and in rapidly growing peri-urban areas.

Metropolitan LGAs

The 15 highest total-ranking Metropolitan LGAs are shown in Table 7. The LGAs with greatest demand for Legal Aid services included those with large populations such as Kwinana, Belmont and Fremantle and also LGAs with high population growth, such as Swan, Wanneroo and Stirling.

Table 7: Index of demand for Legal Aid services – Metropolitan LGAs

Total Rank	Number of persons	Total score	Percentage	Total score
1	Kwinana (T)	463	Kwinana (T)	494
2	Belmont (C)	520	Belmont (C)	563
3	Fremantle (C)	640	Fremantle (C)	696
4	Victoria Park (T)	700	Victoria Park (T)	745
5	Rockingham (C)	726	Bassendean (T)	778
6	Wanneroo (C)	735	Perth (C)	781
7	Swan (C)	739	Wanneroo (C)	807
8	Bayswater (C)	750	Swan (C)	818
9	Perth (C)	751	Bayswater (C)	823
10	Bassendean (T)	755	Cockburn (C)	856
11	Cockburn (C)	780	Armadale (C)	885
12	Armadale (C)	824	Gosnells (C)	898
13	Gosnells (C)	824	Stirling (C)	962
14	Stirling (C)	855	Vincent (T)	997
15	Canning (C)	971	Canning (C)	1,058

Regional LGAs

The 15 highest total-ranking Regional LGAs in Table 8. Two of the four LGAs in the Kimberley head both lists of LGAs with a high Index of Demand, plus some large Regional centres such as Mandurah, Murray, Geraldton and Albany. Other LGAs with an high estimated demand include very sparsely populated shires such as Upper Gascoyne, Ngaanyatjarraku and Murchison LGAs, and several rural LGAs with relatively low populations including Irwin, Pingelly, Toodyay and Denmark.

Table 8: Index of demand for Legal Aid services – Regional LGAs

Total Rank	Number of persons	Total score	Percentage	Total score
1	Halls Creek (S)	248	Halls Creek (S)	299
2	Derby-West Kimberley (S)	431	Derby-West Kimberley (S)	450
3	Mandurah (C)	470	Murchison (S)	471
4	Geraldton (C)	531	Mandurah (C)	565
5	Murchison (S)	556	Geraldton (C)	601
6	Denmark (S)	623	Upper Gascoyne (S)	614
7	Albany (C)	633	Denmark (S)	625
8	Murray (S)	638	Ngaanyatjarraku (S)	650
9	Ngaanyatjarraku (S)	646	Pingelly (S)	663
10	Upper Gascoyne (S)	661	Irwin (S)	671
11	Irwin (S)	672	Toodyay (S)	679
12	Northam (T)	675	Murray (S)	684
13	Toodyay (S)	691	Nannup (S)	690
14	Carnarvon (S)	716	Northam (T)	700
15	Busselton (S)	719	Albany (C)	710

4.1 Spatial diversity

The Western Australian population is spatially very heterogenous. There are significant differences in the makeup and socio-economic status between individual communities. Thus local government authorities like Ngaanyatjarraku with 83 per cent Indigenous residents and a remote location are very different from western suburbs in Perth. Similarly, rapidly growing areas in the peri-urban fringe such as Wanneroo and Mandurah are in contrast to areas in the eastern Wheatbelt where the population is declining. This spatial diversity across a range of socio-economic indicators highlights the value of an analysis such as conducted in this study in determining trends for services.

4.2 Index of Demand for Legal Aid services

When combining both lists in Table 7 (Metropolitan LGAs), 16 LGAs are highlighted as being those with the highest estimated demand for Legal Aid services. These include significant population centres in the Metropolitan area (Kwinana, Belmont and Fremantle) and areas of high growth (Swan, Wanneroo and Stirling).

When combining both lists in Table 8 (Regional LGAs), 17 LGAs are highlighted as having the highest estimated demand for Legal Aid services. These include the rapidly growing areas to the south of Perth (Mandurah, Murray), and remote parts of the state with high numbers of Indigenous people (Kimberley, Upper Gascoyne and Murchison, Ngaanyatjarraku). The list also includes some major Regional centres, such as Albany, Geraldton and Northam. While this distribution needs to be checked against the current location of Legal Aid Centres shown in **Appendix H**, it is worth considering two important elements that have contributed to the Index, but that may need a separate consideration for their impact on service needs.

4.3 Population growth

The calculation of the Index of Demand for Legal Aid services has under-weighted the raw impact of rapidly growing populations on service needs. The projected increase in population from 2001 to 2016 for some significant centres is as follows: Wanneroo (77,843), Swan (66,694), Stirling (43,739), Rockingham (42,894), Mandurah (39,280), Cockburn (31,383), Joondalup (18,532), Gosnells (17,148), Busselton (16,940), Melville (16,715), Armadale (16,692), Kwinana (14,488). All of these LGAs except Joondalup and Melville occur in the lists of the top fifteen LGAs for estimated Legal Aid demand shown in Table 7. This is an important consideration in planning for future demand for Legal Aid services.

4.4 One-parent families with dependent children

At the 2001 Census there were 39,064 one-parent families with dependent children in the Perth-Mandurah region. This represented 11.2 per cent of all families and had increased from 9.8 per cent of all families in 1991. The parent in the majority (86.1%) of these families was female (ABS 2002).

More than 20 per cent of families were lone parent families in the eastern suburbs of Koongamia, Stratton and Lockeridge; the northern suburbs of Girrawheen and Balga; Hilton and Willagee, south of the Swan River; and further south in Medina and Coodanup (ABS 2002).

Data on one-parent families with dependent children were not included in the Index of Demand analysis, however areas of high percentages of one-parent families with dependent children also contain a high proportion of low income households and often government-owned rented dwellings. There was one indicator of weekly individual income, one indicator of weekly family income and an indicator of government-owned rented dwellings included in the Index of Demand for Legal Aid services.

4.5 Indigenous disadvantage

The data presented in this report highlights the socio-economic disadvantage experienced by Indigenous communities. There is a positive correlation between the percentage of Indigenous people in an LGA and relatively high measures of socio-economic disadvantage, including indicators dealing with life expectancy, health, education, housing and employment and income levels. The numbers and percentage of Indigenous people in an LGA should be an important separate factor in guiding strategic planning for Legal Aid services.

5.1 Acknowledgements

URS Australia Pty Ltd and the Consultant Team acknowledge with gratitude the assistance provided by the following people in assisting in the production and review of this report.

- Allison Currie, Secretariat CLC Review – CLC Funding Program, Legal Aid Western Australia.
- Lea Anderson, Co-ordinator Women’s Law Centre WA.

5.2 References

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URS Sustainable Development has prepared this report for the use of Legal Aid Western Australia in accordance with the usual care and thoroughness of the consulting profession. It is based on generally accepted practices and standards at the time it was prepared. No other warranty, expressed or implied, is made as to the professional advice included in this report. It is prepared in accordance with the scope of work and for the purpose outlined in the Proposal dated 21 May 2003.

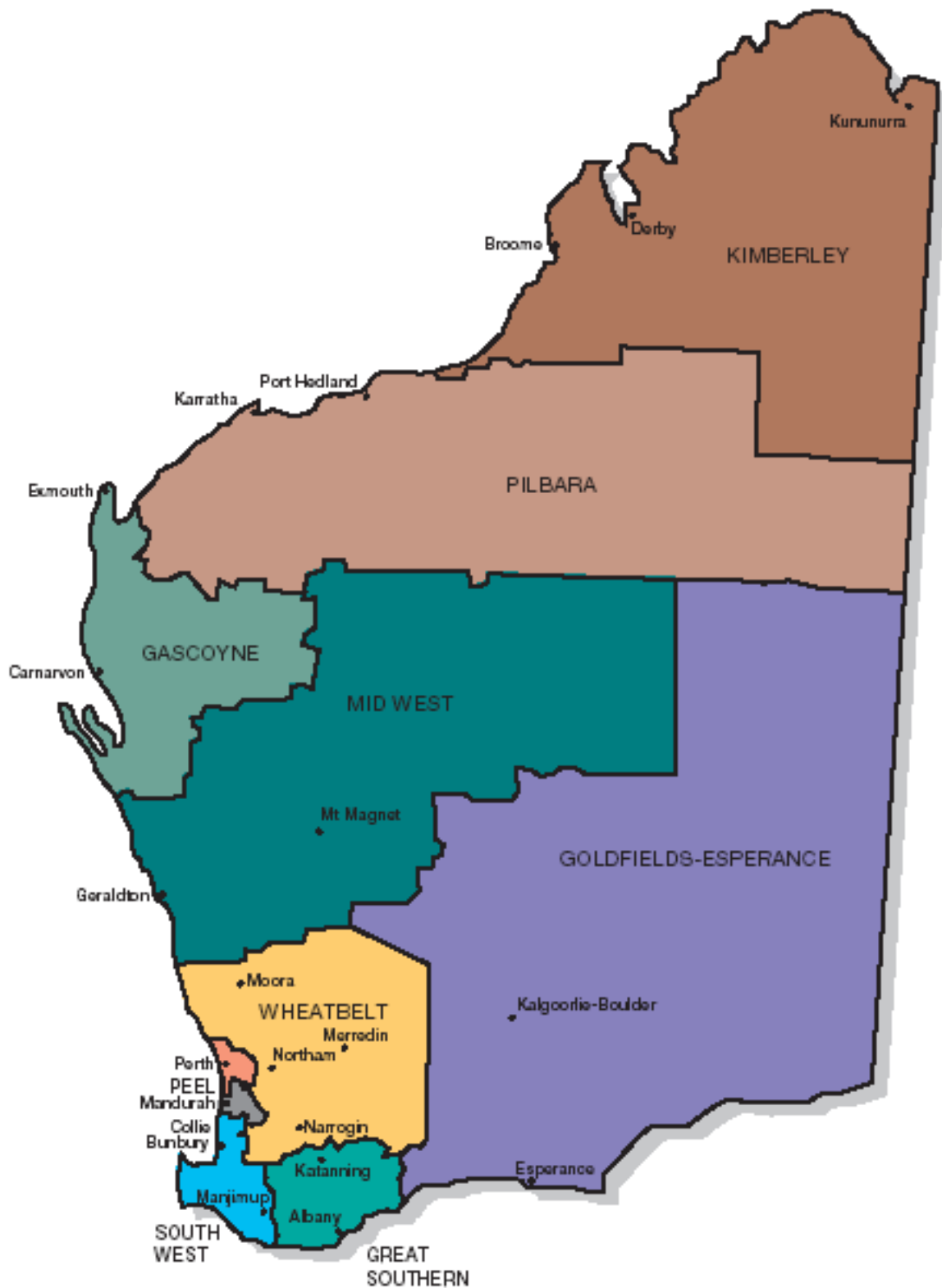
The methodology adopted and sources of information used by URS are outlined in this report. URS has made no independent verification of this information beyond the agreed scope of works and URS assumes no responsibility for any inaccuracies or omissions. No indications were found during our investigations that information contained in this report as provided to URS was false.

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Appendix A

Regional Development Commission boundaries



Appendix B

Domestic violence

Offences of domestic violence

Region	Family	Spouse	Total	Population	No. per 10,000
Goldfields-Esperance	71	153	224	56,029	40.0
Great Southern	30	54	84	50,461	16.6
Kimberley	60	209	269	41,969	64.1
Mid West	74	125	199	67,374	29.5
Pilbara	56	120	176	42,747	41.2
South West	87	100	187	181,923	10.3
Wheatbelt	118	110	228	68,841	33.1
Perth	626	691	1,317	1,339,993	9.8
State Total	1,122	1,562	2,684	1,849,337	14.5

Source: Fernandez (2003)

NB: Statistics for the Gascoyne and Mid West regions have been combined and are represented as Mid West, also Peel and South West statistics were combined and represented as South West.

Appendix C

Index of Relative Disadvantage (ABS)

Index of Relative Disadvantage – top 50 disadvantaged

Rank	Suburbs	Index	LGA	Index
1	East Rockingham	776.2	Ngaanyatjarraku	633.7
2	Karawara	794.5	Derby-West Kimberley	825.4
3	Coodanup	800.2	Halls Creek	831.3
4	Lockridge	808.4	Laverton	844.0
5	Balga	812.6	Upper Gascoyne	873.4
6	Coolbellup	817.0	Menzies	877.1
7	Midvale	819.9	Cue	904.2
8	Girrawheen	824.7	Kwinana	906.6
9	Koongamia	827.7	Murchison	916.1
10	Medina	829.5	Nannup	923.5
11	Mandurah	829.7	Sandstone	927.1
12	Willagee	830.0	Wiluna	930.3
13	Calista	831.3	Belmont	930.7
14	Midland	837.2	Warooka	932.0
15	Westminster	848.0	Gingin	934.0
16	Queens Park	849.7	Mandurah	934.5
17	Ashfield	854.5	Murray	935.0
18	Orelia	856.0	Geraldton	937.9
19	Langford	857.0	East Pilbara	939.0
20	Bentley	857.2	Wanneroo	939.3
21	Koondoola	864.4	Collie	940.0
22	Welshpool	880.9	Irwin	940.8
23	Parmelia	883.1	Meekatharra	941.9
24	Hamilton Hill	888.9	Carnarvon	942.4
25	Two Rocks	889.4	Albany	946.5
26	Nollamara	894.1	Exmouth	948.0
27	Jarrahdale	894.5	Northam	948.5
28	Redcliffe	895.2	Brookton	950.7
29	Peron	902.4	Broome	950.8
30	Rivervale	917.1	Bunbury	954.4
31	Hilton	918.1	Wyndham-East Kimberley	956.2
32	Rockingham	918.8	Beverley	957.7
33	Hillman	919.7	Pingelly	958.0
34	Cloverdale	920.6	Northampton	958.3
35	Osborne Park	923.2	Stirling - Central	959.3
36	Greenfields	923.3	Mullewa	959.8
37	Westfield	925.8	Northam	960.8
38	Mirrabooka	928.1	Dandaragan	962.8
39	Highgate	928.5	Shark Bay	964.7
40	Henderson	928.6	Dundas	967.3

Rank	Suburbs	Index	LGA	Index
41	O'Connor	929.6	Rockingham	967.8
42	Glendalough	930.0	Katanning	969.1
43	Belmont	931.0	Koorda	969.6
44	Cannington	931.8	Goomalling	970.6
45	Bellevue	932.2	Tammin	970.8
46	Beelair	934.2	Wyalkatchem	971.7
47	Beaconsfield	934.4	Bassendean	972.8
48	Embleton	935.3	Merredin	972.9
49	Wannanup	935.4	Esperance	973.3
50	White Gum Valley	936.5	Kellerberrin	973.4

Source: Australian Bureau of Statistics (2001)

Appendix D

Demand Index

Index of demand for Legal Aid services – Metropolitan LGAs

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
1	Kwinana (T)	463	Kwinana (T)	494
2	Mandurah (C)	470	Belmont (C)	563
3	Belmont (C)	520	Mandurah (C)	565
4	Fremantle (C)	640	Fremantle (C)	696
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8	Swan (C)	739	Wanneroo (C)	807
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10	Perth (C)	751	Bayswater (C)	823
11	Bassendean (T)	755	Cockburn (C)	856
12	Cockburn (C)	780	Armadale (C)	885
13	Armadale (C)	824	Gosnells (C)	898
14	Gosnells (C)	824	Stirling (C)	962
15	Stirling (C)	855	Vincent (T)	997
16	Canning (C)	971	Canning (C)	1,058
17	Serpentine-Jarrahdale (S)	1,013	Serpentine-Jarrahdale (S)	1,061
18	Mosman Park (T)	1,044	Mosman Park (T)	1,068
19	Mundaring (S)	1,102	Mundaring (S)	1,177
20	South Perth (C)	1,140	South Perth (C)	1,221
21	Joondalup (C)	1,159	Subiaco (C)	1,266
22	Subiaco (C)	1,217	Joondalup (C)	1,270
23	Kalamunda (S)	1,221	East Fremantle (T)	1,284
24	Melville (C)	1,236	Kalamunda (S)	1,306
25	East Fremantle (T)	1,265	Melville (C)	1,346
26	Cambridge (T)	1,456	Cambridge (T)	1,504
27	Nedlands (C)	1,499	Nedlands (C)	1,557
28	Cottesloe (T)	1,584	Cottesloe (T)	1,595
29	Peppermint Grove (S)	1,647	Peppermint Grove (S)	1,606
30	Claremont (T)	1,657	Claremont (T)	1,614

Source: URS Sustainable Development (2003)

(T) = Town, (C) = City and (S) = Shire

* Two of the indicators (Persons Born Overseas and Indigenous Persons) used in calculating this Index were presented either as number of persons in the LGA, or percentage of persons in the LGA. The Index has been calculated in two ways, the first using the number of persons method and the second, the percentage of persons method.

Index of demand for Legal Aid services – Regional LGAs

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
1	Halls Creek (S)	248	Halls Creek (S)	299
2	Derby-West Kimberley (S)	431	Derby-West Kimberley (S)	450
3	Geraldton (C)	531	Murchison (S)	471
4	Murchison (S)	556	Geraldton (C)	601
5	Denmark (S)	623	Upper Gascoyne (S)	614
6	Albany (C)	633	Denmark (S)	625
7	Murray (S)	638	Ngaanyatjarraku (S)	650
8	Ngaanyatjarraku (S)	646	Pingelly (S)	663
9	Upper Gascoyne (S)	661	Irwin (S)	671
10	Irwin (S)	672	Toodyay (S)	679
11	Northam (T)	675	Murray (S)	684
12	Toodyay (S)	691	Nannup (S)	690
13	Carnarvon (S)	716	Northam (T)	700
14	Busselton (S)	719	Albany (C)	710
15	Pingelly (S)	719	Menzies (S)	722
16	Northampton (S)	728	Carnarvon (S)	726
17	Collie (S)	737	York (S)	730
18	Wyndham-East Kimberley (S)	738	Beverley (S)	736
19	Broome (S)	746	Northam (S)	738
20	Northam (S)	747	Northampton (S)	741
21	York (S)	748	Gingin (S)	757
22	Gingin (S)	749	Wiluna (S)	760
23	Nannup (S)	757	Plantagenet (S)	773
24	Bunbury (C)	769	Wyndham-East Kimberley (S)	786
25	Plantagenet (S)	769	Collie (S)	800
26	Beverley (S)	782	Broome (S)	812
27	Greenough (S)	818	Busselton (S)	817
28	Harvey (S)	822	Rockingham (C)	819
29	Esperance (S)	828	Waroona (S)	821
30	Waroona (S)	829	Tambellup (S)	828
31	Menzies (S)	830	Kellerberrin (S)	836
32	Wiluna (S)	830	Bunbury (C)	846
33	Narrogin (T)	857	Shark Bay (S)	847
34	Kellerberrin (S)	865	Yalgoo (S)	851
35	Tambellup (S)	875	Mount Magnet (S)	859
36	Donnybrook-Balingup (S)	880	Wagin (S)	859
37	Wagin (S)	889	Narrogin (T)	873
38	Shark Bay (S)	891	Brookton (S)	874
39	Brookton (S)	916	Greenough (S)	885
40	Manjimup (S)	916	Donnybrook-Balingup (S)	893

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
41	Mount Magnet (S)	919	Esperance (S)	902
42	Mullewa (S)	933	Harvey (S)	903
43	Augusta-Margaret River (S)	934	Laverton (S)	906
44	Vincent (T)	934	Mullewa (S)	912
45	Port Hedland (T)	937	Port Hedland (T)	950
46	Katanning (S)	942	Tammin (S)	954
47	Dandaragan (S)	969	Katanning (S)	956
48	Laverton (S)	972	Cue (S)	957
49	Bridgetown-Greenbushes (S)	975	Ravensthorpe (S)	968
50	Ravensthorpe (S)	975	Manjimup (S)	975
51	Kalgoorlie/Boulder (C)	978	Dandaragan (S)	976
52	Yalgoo (S)	993	Bridgetown-Greenbushes (S)	979
53	Dardanup (S)	994	Augusta-Margaret River (S)	992
54	Moora (S)	1,020	Goomalling (S)	998
55	Merredin (S)	1,030	Cuballing (S)	1,012
56	Capel (S)	1,032	Meekatharra (S)	1,023
57	Goomalling (S)	1,041	Quairading (S)	1,026
58	Exmouth (S)	1,043	Kondinin (S)	1,027
59	Tammin (S)	1,054	Moora (S)	1,028
60	Quairading (S)	1,057	Merredin (S)	1,042
61	Meekatharra (S)	1,058	Wyalkatchem (S)	1,045
62	Cunderdin (S)	1,061	Kalgoorlie/Boulder (C)	1,046
63	Kondinin (S)	1,067	Nungarin (S)	1,046
64	Cue (S)	1,071	Exmouth (S)	1,059
65	Cuballing (S)	1,076	Chapman Valley (S)	1,060
66	Roebourne (S)	1,092	Dardanup (S)	1,061
67	Boyup Brook (S)	1,094	Cunderdin (S)	1,063
68	Chapman Valley (S)	1,116	Mingenew (S)	1,067
69	Bruce Rock (S)	1,128	Capel (S)	1,081
70	Wyalkatchem (S)	1,129	Boyup Brook (S)	1,084
71	Mingenew (S)	1,136	Bruce Rock (S)	1,090
72	Wickepin (S)	1,138	Morawa (S)	1,094
73	Morawa (S)	1,139	Wickepin (S)	1,110
74	Nungarin (S)	1,144	Chittering (S)	1,131
75	Chittering (S)	1,148	Roebourne (S)	1,133
76	Corrigin (S)	1,150	Woodanilling (S)	1,155
77	Gnowangerup (S)	1,175	Gnowangerup (S)	1,157
78	Jerramungup (S)	1,176	Corrigin (S)	1,163
79	East Pilbara (S)	1,196	Broomehill (S)	1,165
80	Kojonup (S)	1,200	Jerramungup (S)	1,175
81	Broomehill (S)	1,203	Dumbleyung (S)	1,186

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
82	Woodanilling (S)	1,216	East Pilbara (S)	1,189
83	Cranbrook (S)	1,233	Kulin (S)	1,195
84	Dumbleyung (S)	1,241	Trayning (S)	1,196
85	Kulin (S)	1,245	Kojonup (S)	1,197
86	Trayning (S)	1,251	Cranbrook (S)	1,213
87	Coorow (S)	1,256	Mukinbudin (S)	1,220
88	Dalwallinu (S)	1,263	Koorda (S)	1,228
89	Mount Marshall (S)	1,270	Mount Marshall (S)	1,230
90	Mukinbudin (S)	1,276	Dundas (S)	1,241
91	Koorda (S)	1,286	Coorow (S)	1,246
92	Dundas (S)	1,299	Sandstone (S)	1,247
93	Dowerin (S)	1,310	Wandering (S)	1,251
94	Wandering (S)	1,313	Three Springs (S)	1,256
95	West Arthur (S)	1,323	Dalwallinu (S)	1,264
96	Wongan-Ballidu (S)	1,323	Westonia (S)	1,269
97	Three Springs (S)	1,326	Dowerin (S)	1,283
98	Boddington (S)	1,344	Wongan-Ballidu (S)	1,301
99	Narembeen (S)	1,344	Boddington (S)	1,313
100	Lake Grace (S)	1,359	West Arthur (S)	1,320
101	Westonia (S)	1,365	Narembeen (S)	1,324
102	Kent (S)	1,375	Victoria Plains (S)	1,333
103	Victoria Plains (S)	1,383	Leonora (S)	1,345
104	Leonora (S)	1,397	Carnamah (S)	1,359
105	Ashburton (S)	1,408	Lake Grace (S)	1,363
106	Coolgardie (S)	1,411	Kent (S)	1,364
107	Carnamah (S)	1,416	Coolgardie (S)	1,392
108	Sandstone (S)	1,426	Williams (S)	1,414
109	Williams (S)	1,428	Ashburton (S)	1,416
110	Yilgarn (S)	1,534	Perenjori (S)	1,473
111	Perenjori (S)	1,538	Yilgarn (S)	1,511
112	Narrogin (S)	1,553	Narrogin (S)	1,549

Source: URS Sustainable Development (2003)

(T) = Town, (C) = City and (S) = Shire

* Two of the indicators (Persons Born Overseas and Indigenous Persons) used in calculating this Index were presented either as number of persons in the LGA, or percentage of persons in the LGA. The Index has been calculated in two ways, the first using the number of persons method and the second, the percentage of persons method.

Index of demand for Legal Aid services – All LGAs

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
1	Halls Creek (S)	248	Halls Creek (S)	299
2	Derby-West Kimberley (S)	431	Derby-West Kimberley (S)	450
3	Kwinana (T)	463	Murchison (S)	471
4	Mandurah (C)	470	Kwinana (T)	494
5	Belmont (C)	520	Belmont (C)	563
6	Geraldton (C)	531	Mandurah (C)	565
7	Murchison (S)	556	Geraldton (C)	601
8	Denmark (S)	623	Upper Gascoyne (S)	614
9	Albany (C)	633	Denmark (S)	625
10	Murray (S)	638	Ngaanyatjarraku (S)	650
11	Fremantle (C)	640	Pingelly (S)	663
12	Ngaanyatjarraku (S)	646	Irwin (S)	671
13	Upper Gascoyne (S)	661	Toodyay (S)	679
14	Irwin (S)	672	Murray (S)	684
15	Northam (T)	675	Nannup (S)	690
16	Toodyay (S)	691	Fremantle (C)	696
17	Victoria Park (T)	700	Northam (T)	700
18	Carnarvon (S)	716	Albany (C)	710
19	Busselton (S)	719	Menzies (S)	722
20	Pingelly (S)	719	Carnarvon (S)	726
21	Rockingham (C)	726	York (S)	730
22	Northampton (S)	728	Beverley (S)	736
23	Wanneroo (C)	735	Northam (S)	738
24	Collie (S)	737	Northampton (S)	741
25	Wyndham-East Kimberley (S)	738	Victoria Park (T)	745
26	Swan (C)	739	Gingin (S)	757
27	Broome (S)	746	Wiluna (S)	760
28	Northam (S)	747	Plantagenet (S)	773
29	York (S)	748	Bassendean (T)	778
30	Gingin (S)	749	Perth (C)	781
31	Bayswater (C)	750	Wyndham-East Kimberley (S)	786
32	Perth (C)	751	Collie (S)	800
33	Bassendean (T)	755	Wanneroo (C)	807
34	Nannup (S)	757	Broome (S)	812
35	Bunbury (C)	769	Busselton (S)	817
36	Plantagenet (S)	769	Swan (C)	818
37	Cockburn (C)	780	Rockingham (C)	819
38	Beverley (S)	782	Waroona (S)	821
39	Greenough (S)	818	Bayswater (C)	823
40	Harvey (S)	822	Tambellup (S)	828

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
41	Armadale (C)	824	Kellerberrin (S)	836
42	Gosnells (C)	824	Bunbury (C)	846
43	Esperance (S)	828	Shark Bay (S)	847
44	Warooa (S)	829	Yalgoo (S)	851
45	Menzies (S)	830	Cockburn (C)	856
46	Wiluna (S)	830	Mount Magnet (S)	859
47	Stirling (C)	855	Wagin (S)	859
48	Narrogin (T)	857	Narrogin (T)	873
49	Kellerberrin (S)	865	Brookton (S)	874
50	Tambellup (S)	875	Armadale (C)	885
51	Donnybrook-Balingup (S)	880	Greenough (S)	885
52	Wagin (S)	889	Donnybrook-Balingup (S)	893
53	Shark Bay (S)	891	Gosnells (C)	898
54	Brookton (S)	916	Esperance (S)	902
55	Manjimup (S)	916	Harvey (S)	903
56	Mount Magnet (S)	919	Laverton (S)	906
57	Mullewa (S)	933	Mullewa (S)	912
58	Augusta-Margaret River (S)	934	Port Hedland (T)	950
59	Vincent (T)	934	Tammin (S)	954
60	Port Hedland (T)	937	Katanning (S)	956
61	Katanning (S)	942	Cue (S)	957
62	Dandaragan (S)	969	Stirling (C)	962
63	Canning (C)	971	Ravensthorpe (S)	968
64	Laverton (S)	972	Manjimup (S)	975
65	Bridgetown-Greenbushes (S)	975	Dandaragan (S)	976
66	Ravensthorpe (S)	975	Bridgetown-Greenbushes (S)	979
67	Kalgoorlie/Boulder (C)	978	Augusta-Margaret River (S)	992
68	Yalgoo (S)	993	Vincent (T)	997
69	Dardanup (S)	994	Goomalling (S)	998
70	Serpentine-Jarrahdale (S)	1,013	Cuballing (S)	1,012
71	Moora (S)	1,020	Meekatharra (S)	1,023
72	Merredin (S)	1,030	Quairading (S)	1,026
73	Capel (S)	1,032	Kondinin (S)	1,027
74	Goomalling (S)	1,041	Moora (S)	1,028
75	Exmouth (S)	1,043	Merredin (S)	1,042
76	Mosman Park (T)	1,044	Wyalkatchem (S)	1,045
77	Tammin (S)	1,054	Kalgoorlie/Boulder (C)	1,046
78	Quairading (S)	1,057	Nungarin (S)	1,046
79	Meekatharra (S)	1,058	Canning (C)	1,058
80	Cunderdin (S)	1,061	Exmouth (S)	1,059
81	Kondinin (S)	1,067	Chapman Valley (S)	1,060

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
82	Cue (S)	1,071	Dardanup (S)	1,061
83	Cuballing (S)	1,076	Serpentine-Jarrahdale (S)	1,061
84	Roebourne (S)	1,092	Cunderdin (S)	1,063
85	Boyup Brook (S)	1,094	Mingenew (S)	1,067
86	Mundaring (S)	1,102	Mosman Park (T)	1,068
87	Chapman Valley (S)	1,116	Capel (S)	1,081
88	Bruce Rock (S)	1,128	Boyup Brook (S)	1,084
89	Wyalkatchem (S)	1,129	Bruce Rock (S)	1,090
90	Mingenew (S)	1,136	Morawa (S)	1,094
91	Wickepin (S)	1,138	Wickepin (S)	1,110
92	Morawa (S)	1,139	Chittering (S)	1,131
93	South Perth (C)	1,140	Roebourne (S)	1,133
94	Nungarin (S)	1,144	Woodanilling (S)	1,155
95	Chittering (S)	1,148	Gnowangerup (S)	1,157
96	Corrigin (S)	1,150	Corrigin (S)	1,163
97	Joondalup (C)	1,159	Broomehill (S)	1,165
98	Gnowangerup (S)	1,175	Jerramungup (S)	1,175
99	Jerramungup (S)	1,176	Mundaring (S)	1,177
100	East Pilbara (S)	1,196	Dumbleyung (S)	1,186
101	Kojonup (S)	1,200	East Pilbara (S)	1,189
102	Broomehill (S)	1,203	Kulin (S)	1,195
103	Woodanilling (S)	1,216	Trayning (S)	1,196
104	Subiaco (C)	1,217	Kojonup (S)	1,197
105	Kalamunda (S)	1,221	Cranbrook (S)	1,213
106	Cranbrook (S)	1,233	Mukinbudin (S)	1,220
107	Melville (C)	1,236	South Perth (C)	1,221
108	Dumbleyung (S)	1,241	Koorda (S)	1,228
109	Kulin (S)	1,245	Mount Marshall (S)	1,230
110	Trayning (S)	1,251	Dundas (S)	1,241
111	Coorow (S)	1,256	Coorow (S)	1,246
112	Dalwallinu (S)	1,263	Sandstone (S)	1,247
113	East Fremantle (T)	1,265	Wandering (S)	1,251
114	Mount Marshall (S)	1,270	Three Springs (S)	1,256
115	Mukinbudin (S)	1,276	Dalwallinu (S)	1,264
116	Koorda (S)	1,286	Subiaco (C)	1,266
117	Dundas (S)	1,299	Westonia (S)	1,269
118	Dowerin (S)	1,310	Joondalup (C)	1,270
119	Wandering (S)	1,313	Dowerin (S)	1,283
120	West Arthur (S)	1,323	East Fremantle (T)	1,284
121	Wongan-Ballidu (S)	1,323	Wongan-Ballidu (S)	1,301
122	Three Springs (S)	1,326	Kalamunda (S)	1,306

Rank	LGA (number of persons)*	Index	LGA (percentage of persons)*	Index
123	Boddington (S)	1,344	Boddington (S)	1,313
124	Narembeen (S)	1,344	West Arthur (S)	1,320
125	Lake Grace (S)	1,359	Narembeen (S)	1,324
126	Westonia (S)	1,365	Victoria Plains (S)	1,333
127	Kent (S)	1,375	Leonora (S)	1,345
128	Victoria Plains (S)	1,383	Melville (C)	1,346
129	Leonora (S)	1,397	Carnamah (S)	1,359
130	Ashburton (S)	1,408	Lake Grace (S)	1,363
131	Coolgardie (S)	1,411	Kent (S)	1,364
132	Carnamah (S)	1,416	Coolgardie (S)	1,392
133	Sandstone (S)	1,426	Williams (S)	1,414
134	Williams (S)	1,428	Ashburton (S)	1,416
135	Cambridge (T)	1,456	Perenjori (S)	1,473
136	Nedlands (C)	1,499	Cambridge (T)	1,504
137	Yilgarn (S)	1,534	Yilgarn (S)	1,511
138	Perenjori (S)	1,538	Narrogin (S)	1,549
139	Narrogin (S)	1,553	Nedlands (C)	1,557
140	Cottesloe (T)	1,584	Cottesloe (T)	1,595
141	Peppermint Grove (S)	1,647	Peppermint Grove (S)	1,606
142	Claremont (T)	1,657	Claremont (T)	1,614

Source: URS Sustainable Development (2003)

(T) = Town, (C) = City and (S) = Shire

* Two of the indicators (Persons Born Overseas and Indigenous Persons) used in calculating this Index were presented either as number of persons in the LGA, or percentage of persons in the LGA. The Index has been calculated in two ways, the first using the number of persons method and the second, the percentage of persons method.

Appendix E

Population projections

Population projections ranked on increase in population and percentage increase in population

Rank	Increase 2001-16	LGA	Actual 2001	Projections*			LGA	% Increase
				2006	2011	2016		
1	77,843	Wanneroo (C)	80,357	105,500	129,700	158,200	Chittering (S)	188
2	66,694	Swan (C)	82,506	102,000	125,000	149,200	Dandaragan (S)	127
3	43,739	Stirling (C)	153,661	183,300	191,000	197,400	Dardanup (S)	116
4	42,894	Rockingham (C)	70,306	85,600	99,600	113,200	Serpentine-Jarrahdale (S)	111
5	39,280	Mandurah (C)	45,020	60,600	72,500	84,300	Toodyay (S)	100
6	31,383	Cockburn (C)	66,417	82,800	93,300	97,800	Wanneroo (C)	97
7	18,532	Joondalup (C)	148,268	164,900	163,700	166,800	Mandurah (C)	87
8	17,148	Gosnells (C)	80,152	88,200	92,200	97,300	Boddington (S)	85
9	16,940	Busselton (S)	22,060	27,000	33,000	39,000	Gingin (S)	82
10	16,715	Melville (C)	91,385	101,400	104,300	108,100	Swan (C)	81
11	16,692	Armadale (C)	50,108	59,200	62,100	66,800	Busselton (S)	77
12	14,488	Kwinana (T)	20,812	25,600	30,400	35,300	Denmark (S)	74
13	14,182	Kalgoorlie/Boulder (C)	28,818	36,500	40,000	43,000	Kwinana (T)	70
14	12,380	Serpentine-Jarrahdale (S)	11,120	15,800	20,700	23,500	Murray (S)	66
15	11,850	Belmont (C)	29,050	34,800	38,800	40,900	Ravensthorpe (S)	62
16	10,210	Bayswater (C)	54,390	59,500	62,100	64,600	Rockingham (C)	61
17	9,650	Dardanup (S)	8,350	12,600	15,000	18,000	Ngaanyatjarraku (S)	60
18	6,929	Albany (C)	29,571	32,200	34,300	36,500	Northam (S)	60
19	6,639	Murray (S)	10,061	13,000	14,900	16,700	Augusta-Margaret River (S)	56
20	6,228	Harvey (S)	17,272	20,700	22,000	23,500	York (S)	53
21	6,192	South Perth (C)	36,108	39,400	41,000	42,300	Capel (S)	53
22	5,840	Victoria Park (T)	27,160	30,000	31,800	33,000	Beverley (S)	50
23	5,736	Greenough (S)	11,964	14,300	16,200	17,700	Kalgoorlie/Boulder (C)	49
24	5,680	Esperance (S)	12,820	15,500	16,800	18,500	Greenough (S)	48
25	5,655	Kalamunda (S)	46,245	51,400	50,700	51,900	Cockburn (C)	47
26	5,549	Augusta-Margaret River (S)	9,851	11,900	13,500	15,400	Esperance (S)	44
27	5,501	Fremantle (C)	25,199	27,600	29,300	30,700	Belmont (C)	41
28	5,482	Vincent (T)	25,618	28,100	29,800	31,100	Meekatharra (S)	38
29	5,219	Chittering (S)	2,781	3,500	5,000	8,000	Irwin (S)	38
30	4,888	Mundaring (S)	33,412	37,300	37,200	38,300	Harvey (S)	36
31	4,673	Canning (C)	73,727	79,200	79,300	78,400	Leonora (S)	36
32	4,362	Nedlands (C)	21,338	23,200	24,400	25,700	Armadale (C)	33
33	3,922	Dandaragan (S)	3,078	3,800	4,800	7,000	Peppermint Grove (S)	30
34	3,818	Bunbury (C)	28,682	30,000	32,000	32,500	Stirling (C)	28
35	3,750	Toodyay (S)	3,750	5,100	6,300	7,500	Coolgardie (S)	27
36	3,675	Cambridge (T)	23,125	25,400	26,500	26,800	Bridgetown-Greenbushes (S)	27

Rank	Increase 2001-16	LGA	Actual 2001	Projections*			LGA	% Increase
				2006	2011	2016		
37	3,525	Geraldton (C)	19,275	21,800	22,300	22,800	Kojonup (S)	26
38	3,467	Capel (S)	6,533	7,800	8,900	10,000	Albany (C)	23
39	3,242	Denmark (S)	4,358	5,700	6,600	7,600	Warooka (S)	22
40	3,152	Gingin (S)	3,848	4,900	5,900	7,000	Fremantle (C)	22
41	2,701	Port Hedland (T)	13,099	14,400	15,100	15,800	Victoria Park (T)	22
42	2,327	Subiaco (C)	15,673	16,700	17,500	18,000	Vincent (T)	21
43	2,128	Northam (S)	3,572	4,200	5,500	5,700	Gosnells (C)	21
44	1,867	Claremont (T)	8,733	9,900	10,300	10,600	Claremont (T)	21
45	1,738	Bassendean (T)	13,362	14,700	14,600	15,100	Port Hedland (T)	21
46	1,595	York (S)	3,005	3,600	4,100	4,600	Nedlands (C)	20
47	1,339	Mosman Park (T)	7,861	8,400	8,800	9,200	Yilgarn (S)	19
48	1,313	Cottesloe (T)	6,987	7,900	8,200	8,300	Cottesloe (T)	19
49	1,270	Manjimup (S)	10,030	10,800	11,000	11,300	Bayswater (C)	19
50	1,193	Boddington (S)	1,407	2,100	2,300	2,600	Melville (C)	18
51	1,159	Coolgardie (S)	4,241	5,200	5,300	5,400	Geraldton (C)	18
52	1,126	Roebourne (S)	15,974	15,600	16,300	17,100	South Perth (C)	17
53	1,100	Collie (S)	8,400	9,100	9,300	9,500	Mosman Park (T)	17
54	1,065	Bridgetown-Greenbushes (S)	3,935	4,400	4,700	5,000	Donnybrook-Balingup (S)	16
55	1,064	Irwin (S)	2,836	3,600	3,800	3,900	Cambridge (T)	16
56	1,050	Leonora (S)	2,950	3,300	3,700	4,000	Katanning (S)	16
57	1,014	East Pilbara (S)	6,786	7,500	7,800	7,800	East Pilbara (S)	15
58	938	Ngaanyatjarraku (S)	1,562	1,900	2,200	2,500	Subiaco (C)	15
59	881	Ravensthorpe (S)	1,419	2,100	2,200	2,300	Mundaring (S)	15
60	736	Beverley (S)	1,464	1,800	2,000	2,200	Halls Creek (S)	14
61	724	Warooka (S)	3,276	3,700	3,900	4,000	Bunbury (C)	13
62	695	Donnybrook-Balingup (S)	4,305	4,800	4,800	5,000	Collie (S)	13
63	683	Meekatharra (S)	1,817	2,300	2,400	2,500	Bassendean (T)	13
64	662	Derby-West Kimberley (S)	9,138	8,600	9,200	9,800	Manjimup (S)	13
65	654	Katanning (S)	4,146	4,700	4,800	4,800	Joondalup (C)	12
66	617	East Fremantle (T)	6,383	6,800	6,900	7,000	Kalamunda (S)	12
67	582	Halls Creek (S)	4,118	4,100	4,400	4,700	East Fremantle (T)	10
68	555	Kojonup (S)	2,145	2,500	2,600	2,700	Narrogin (T)	8
69	460	Peppermint Grove (S)	1,540	1,800	1,900	2,000	Derby-West Kimberley (S)	7
70	412	Ashburton (S)	6,888	7,300	7,300	7,300	Roebourne (S)	7
71	370	Yilgarn (S)	1,930	2,300	2,300	2,300	Canning (C)	6
72	365	Narrogin (T)	4,435	4,800	4,800	4,800	Ashburton (S)	6
73	247	Northam (T)	6,153	6,300	6,400	6,400	Northam (T)	4

Rank	Increase 2001-16	LGA	Actual 2001	Projections*			LGA	% Increase
				2006	2011	2016		
74	70	Merredin (S)	3,630	3,700	3,700	3,700	Merredin (S)	2
75	15	Moora (S)	2,585	2,600	2,600	2,600	Moora (S)	1
76	-29	Plantagenet (S)	4,329	4,300	4,300	4,300	Plantagenet (S)	-1
77	-798	Northampton (S)	4,298	3,300	3,400	3,500	Broome (S)	-8
78	-1,306	Wyndham-East Kimberley (S)	10,206	8,000	8,500	8,900	Wyndham-East Kimberley (S)	-13
79	-1,367	Exmouth (S)	4,267	2,500	2,700	2,900	Carnarvon (S)	-18
80	-1,507	Broome (S)	18,507	13,500	15,000	17,000	Northampton (S)	-19
81	-1,652	Carnarvon (S)	9,152	6,500	7,000	7,500	Perth (C)	-29
82	-3,963	Perth (C)	13,463	8,200	9,300	9,500	Exmouth (S)	-32

Source: Western Australia Tomorrow (2000)

(T) = Town, (C) = City and (S) = Shire

NB There are only 82 LGAs listed as population projections for those with a population less than 2,000 can not be calculated accurately.

* Projections are based on 1996 ABS Census of Population and Housing data. As a result there are a small number of LGAs with actual 2001 populations already exceeding the projected value.

Appendix F

Education: H-Index

LGAs ranked by the H-Index in order of average index value, including minimum and maximum

Rank	LGA	Avg	Min	Max	Rank	LGA	Avg	Min	Max
1	Carnarvon (S)	10.0	10.0	10.0	12	Mandurah (C)	7.2	3.0	9.0
1	Derby-West Kimberley (S)	10.0	10.0	10.0	13	Busselton (S)	7.0	3.0	9.0
1	Halls Creek (S)	10.0	10.0	10.0	13	Carnamah (S)	7.0	7.0	7.0
1	Laverton (S)	10.0	10.0	10.0	13	Coorow (S)	7.0	6.0	8.0
1	Menzies (S)	10.0	10.0	10.0	13	Mount Magnet (S)	7.0	7.0	7.0
1	Mullewa (S)	10.0	10.0	10.0	13	Quairading (S)	7.0	7.0	7.0
1	Ngaanyatjarraku (S)	10.0	10.0	10.0	13	Tambellup (S)	7.0	7.0	7.0
1	Pingelly (S)	10.0	10.0	10.0	13	Three Springs (S)	7.0	7.0	7.0
1	Upper Gascoyne (S)	10.0	10.0	10.0	13	Wandering (S)	7.0	7.0	7.0
1	Wiluna (S)	10.0	10.0	10.0	13	Williams (S)	7.0	7.0	7.0
1	Yalgoo (S)	10.0	10.0	10.0	14	Manjimup (S)	6.9	5.0	9.0
2	Wyndham-East Kimberley (S)	9.8	9.0	10.0	15	Bassendean (T)	6.7	6.0	8.0
3	Shark Bay (S)	9.5	9.0	10.0	15	Donnybrook-Balingup (S)	6.7	6.0	7.0
4	Beverley (S)	9.0	9.0	9.0	15	Narrogin (T)	6.7	5.0	9.0
4	Brookton (S)	9.0	9.0	9.0	16	Cockburn (C)	6.6	1.0	10.0
4	Broome (S)	9.0	7.0	10.0	17	Albany (C)	6.5	2.0	10.0
4	Cue (S)	9.0	9.0	9.0	17	Dundas (S)	6.5	5.0	8.0
4	Meekatharra (S)	9.0	8.0	10.0	17	Gingin (S)	6.5	5.0	8.0
4	Nannup (S)	9.0	9.0	9.0	17	Kent (S)	6.5	5.0	8.0
4	Waroona (S)	9.0	9.0	9.0	17	Merredin (S)	6.5	5.0	8.0
5	Northam (T)	8.6	6.0	10.0	18	Plantagenet (S)	6.4	3.0	8.0
5	Geraldton (C)	8.6	6.0	10.0	19	Dandaragan (S)	6.3	4.0	8.0
6	Kwinana (T)	8.1	5.0	10.0	20	Esperance (S)	6.2	3.0	9.0
6	Belmont (C)	8.1	6.0	9.0	20	Augusta-Margaret River (S)	6.2	4.0	8.0
7	Goomalling (S)	8.0	8.0	8.0	20	Wanneroo (C)	6.2	2.0	10.0
7	Irwin (S)	8.0	8.0	8.0	21	Cranbrook (S)	6.0	6.0	6.0
7	Katanning (S)	8.0	7.0	9.0	21	Harvey (S)	6.0	2.0	10.0
7	Tammin (S)	8.0	8.0	8.0	21	Kalgoorlie/Boulder (C)	6.0	1.0	10.0
7	Toodyay (S)	8.0	8.0	8.0	21	Kojonup (S)	6.0	6.0	6.0
7	Trayning (S)	8.0	8.0	8.0	21	Mingenew (S)	6.0	6.0	6.0
7	Wagin (S)	8.0	8.0	8.0	21	Sandstone (S)	6.0	6.0	6.0
8	Bunbury (C)	7.8	4.0	10.0	21	Westonia (S)	6.0	6.0	6.0
9	Northampton (S)	7.7	5.0	9.0	21	York (S)	6.0	6.0	6.0
10	Morawa (S)	7.5	6.0	9.0	21	Gosnells (C)	6.0	2.0	9.0
11	Port Hedland (T)	7.4	3.0	10.0	22	Moora (S)	5.8	4.0	7.0
11	Murray (S)	7.4	6.0	9.0	23	Bayswater (C)	5.7	3.0	9.0
11	East Pilbara (S)	7.4	3.0	10.0	23	Bridgetown-Greenbushes (S)	5.7	5.0	6.0
12	Collie (S)	7.2	5.0	9.0	23	Denmark (S)	5.7	5.0	6.0

Rank	LGA	Avg	Min	Max	Rank	LGA	Avg	Min	Max
23	Jerramungup (S)	5.7	4.0	8.0	31	Broomehill (S)	4.0	4.0	4.0
23	Kondinin (S)	5.7	3.0	9.0	31	Chapman Valley (S)	4.0	4.0	4.0
24	Rockingham (C)	5.6	1.0	9.0	31	Corrigin (S)	4.0	4.0	4.0
24	Armadale (C)	5.6	1.0	9.0	31s	Dumbleyung (S)	4.0	4.0	4.0
25	Swan (C)	5.5	1.0	10.0	31	Exmouth (S)	4.0	4.0	4.0
25	Gnowangerup (S)	5.5	3.0	7.0	31	Mukinbudin (S)	4.0	4.0	4.0
25	Kellerberrin (S)	5.5	4.0	7.0	31	Narembeen (S)	4.0	3.0	5.0
25	Mount Marshall (S)	5.5	4.0	7.0	31	Serpentine-Jarrahdale (S)	4.0	3.0	6.0
26	Fremantle (C)	5.4	3.0	9.0	31	Wickepin (S)	4.0	2.0	6.0
27	Dardanup (S)	5.3	4.0	6.0	31	Woodanilling (S)	4.0	4.0	4.0
27	Victoria Plains (S)	5.3	5.0	6.0	31	Wyalkatchem (S)	4.0	4.0	4.0
27	Stirling (C)	5.3	1.0	10.0	32	Vincent (T)	3.8	2.0	7.0
28	Boyup Brook (S)	5.0	5.0	5.0	32	Canning (C)	3.8	1.0	10.0
28	Capel (S)	5.0	5.0	5.0	33	Ashburton (S)	3.5	1.0	10.0
28	Chittering (S)	5.0	5.0	5.0	33	Perenjori (S)	3.5	2.0	5.0
28	Coolgardie (S)	5.0	2.0	8.0	33	Roebourne (S)	3.5	1.0	10.0
28	Cunderdin (S)	5.0	4.0	6.0	34	Dalwallinu (S)	3.3	3.0	4.0
28	Dowerin (S)	5.0	5.0	5.0	35	Kalamunda (S)	3.2	1.0	5.0
28	Koorda (S)	5.0	5.0	5.0	36	South Perth (C)	3.1	1.0	9.0
28	Kulin (S)	5.0	5.0	5.0	37	Bruce Rock (S)	3.0	2.0	4.0
28	Leonora (S)	5.0	2.0	8.0	37	Mundaring (S)	3.0	1.0	6.0
28	Narrogin (S)	5.0	5.0	5.0	37	Peppermint Grove (S)	3.0	1.0	5.0
28	Northam (S)	5.0	4.0	6.0	38	Melville (C)	2.5	1.0	10.0
28	Nungarin (S)	5.0	5.0	5.0	39	Joondalup (C)	2.1	1.0	5.0
28	Ravensthorpe (S)	5.0	4.0	6.0	40	Boddington (S)	2.0	2.0	2.0
28	West Arthur (S)	5.0	5.0	5.0	40	East Fremantle (T)	2.0	2.0	2.0
29	Yilgarn (S)	4.7	4.0	6.0	40	Mosman Park (T)	2.0	2.0	2.0
30	Cottesloe (T)	4.3	1.0	6.0	41	Subiaco (C)	1.5	1.0	3.0
30	Greenough (S)	4.3	2.0	7.0	42	Nedlands (C)	1.3	1.0	2.0
30	Lake Grace (S)	4.3	3.0	6.0	43	Cambridge (T)	1.0	1.0	1.0
30	Wongan-Ballidu (S)	4.3	3.0	7.0	43	Claremont (T)	1.0	1.0	1.0

Source: Department of Education (2003)

(T) = Town, (C) = City and (S) = Shire

Appendix G

Local Government Authorities

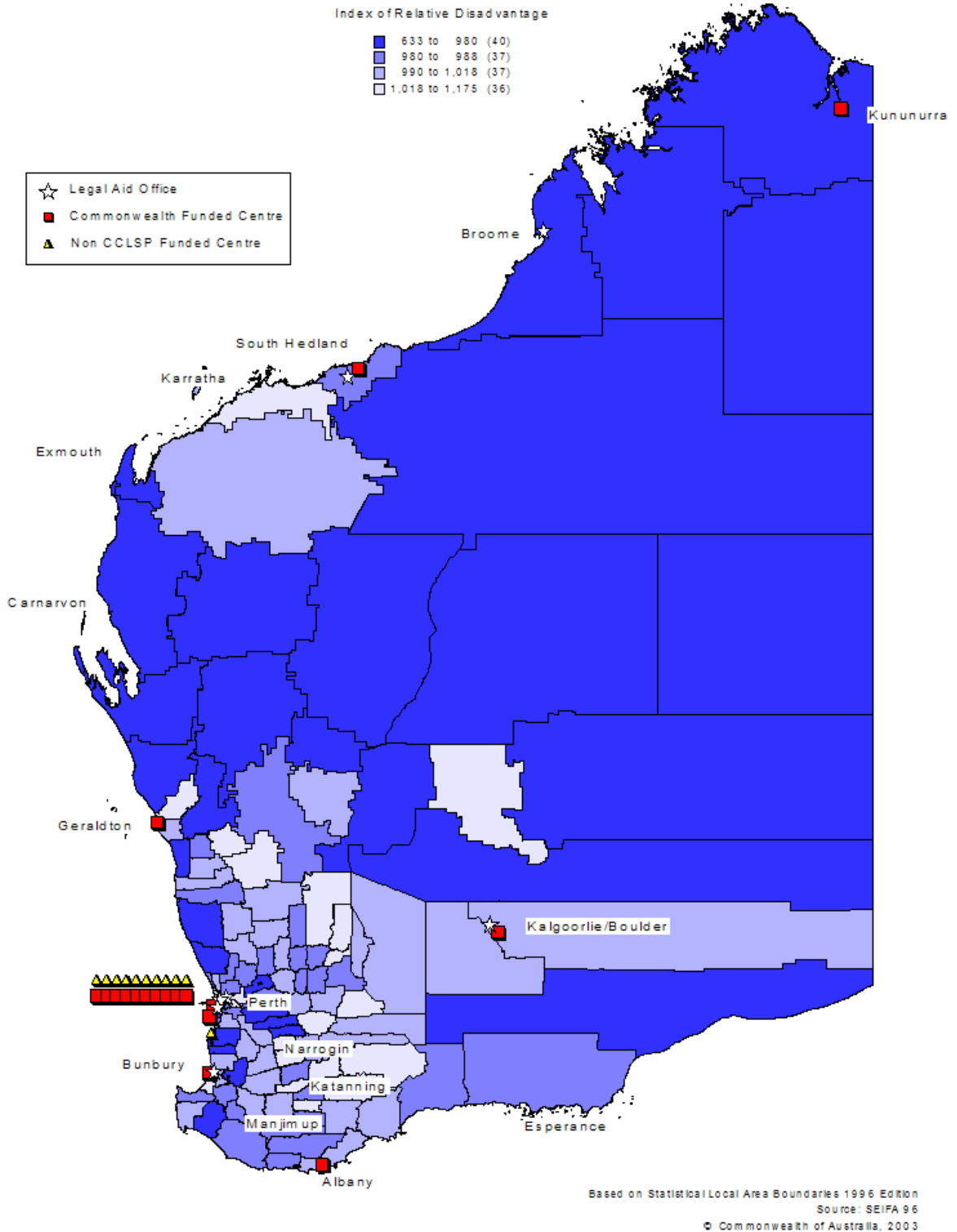
Local Government Authorities

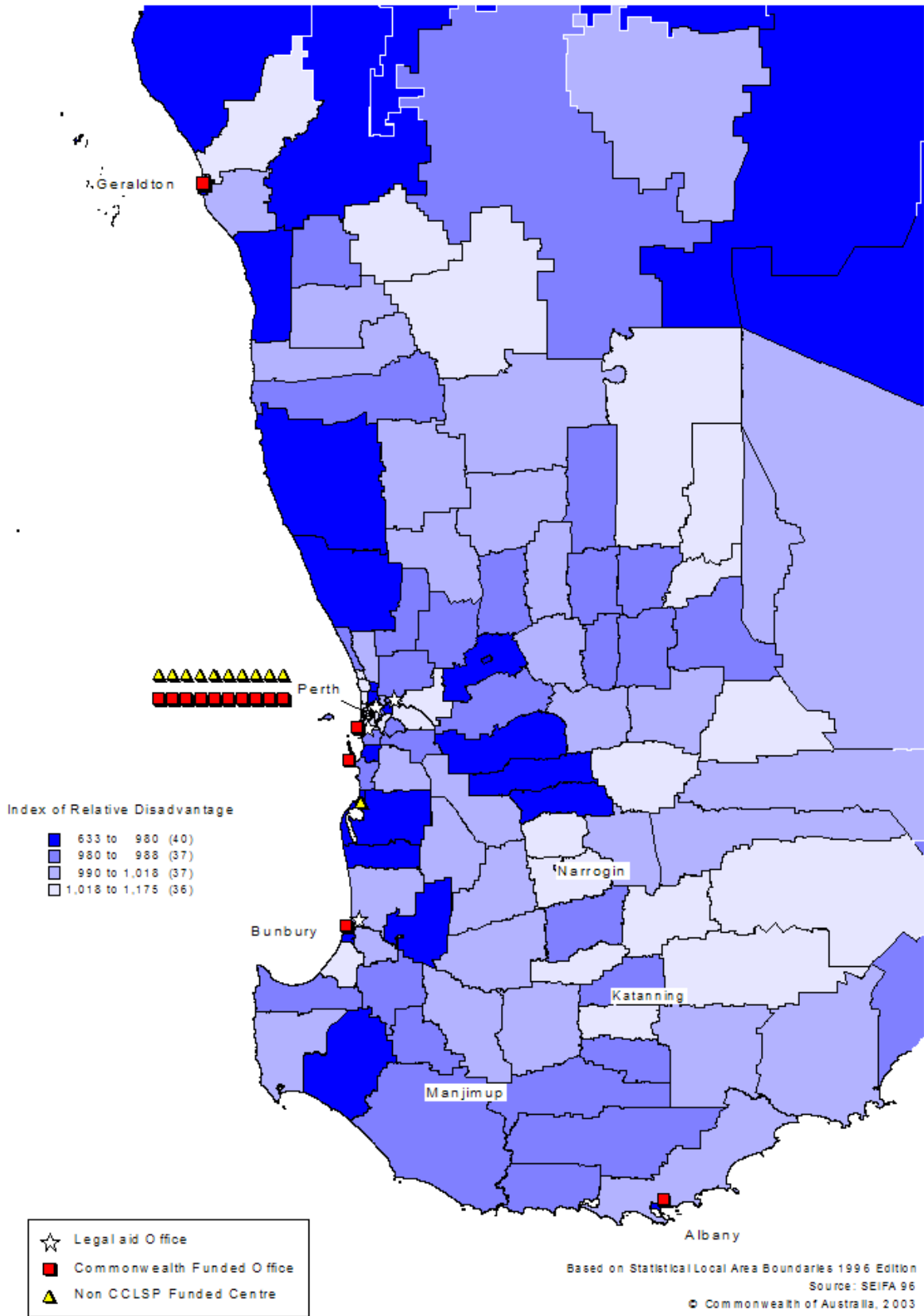
Albany (C)	Dandaragan (S)	Leonora (S)	Rockingham (C)
Armadale (C)	Dardanup (S)	Mandurah (C)	Roebourne (S)
Ashburton (S)	Denmark (S)	Manjimup (S)	Sandstone (S)
Augusta-Margaret River (S)	Derby-West Kimberley (S)	Meekatharra (S)	Serpentine-Jarrahdale (S)
Bassendean (T)	Donnybrook-Balingup (S)	Melville (C)	Shark Bay (S)
Bayswater (C)	Dowerin (S)	Menzies (S)	South Perth (C)
Belmont (C)	Dumbleyung (S)	Merredin (S)	Stirling (C)
Beverley (S)	Dundas (S)	Mingenew (S)	Subiaco (C)
Boddington (S)	East Fremantle (T)	Moora (S)	Swan (C)
Boyup Brook (S)	East Pilbara (S)	Morawa (S)	Tambellup (S)
Bridgetown-Greenbushes (S)	Esperance (S)	Mosman Park (T)	Tammin (S)
Brookton (S)	Exmouth (S)	Mount Magnet (S)	Three Springs (S)
Broome (S)	Fremantle (C)	Mount Marshall (S)	Toodyay (S)
Broomehill (S)	Geraldton (C)	Mukinbudin (S)	Trayning (S)
Bruce Rock (S)	Gingin (S)	Mullewa (S)	Upper Gascoyne (S)
Bunbury (C)	Gnowangerup (S)	Mundaring (S)	Victoria Park (T)
Busselton (S)	Goomalling (S)	Murchison (S)	Victoria Plains (S)
Cambridge (T)	Gosnells (C)	Murray (S)	Vincent (T)
Canning (C)	Greenough (S)	Nannup (S)	Wagin (S)
Capel (S)	Halls Creek (S)	Narembeen (S)	Wandering (S)
Carnamah (S)	Harvey (S)	Narrogin (S)	Wanneroo (C)
Carnarvon (S)	Irwin (S)	Narrogin (T)	Waroona (S)
Chapman Valley (S)	Jerramungup (S)	Nedlands (C)	West Arthur (S)
Chittering (S)	Joondalup (C)	Ngaanyatjarraku (S)	Westonia (S)
Claremont (T)	Kalamunda (S)	Northam (S)	Wickepin (S)
Cockburn (C)	Kalgoorlie/Boulder (C)	Northam (T)	Williams (S)
Collie (S)	Katanning (S)	Northampton (S)	Wiluna (S)
Coolgardie (S)	Kellerberrin (S)	Nungarin (S)	Wongan-Ballidu (S)
Coorow (S)	Kent (S)	Peppermint Grove (S)	Woodanilling (S)
Corrigin (S)	Kojonup (S)	Perenjori (S)	Wyalkatchem (S)
Cottesloe (T)	Kondinin (S)	Perth (C)	Wyndham-East Kimberley (S)
Cranbrook (S)	Koorda (S)	Pingelly (S)	Yalgoo (S)
Cuballing (S)	Kulin (S)	Plantagenet (S)	Yilgarn (S)
Cue (S)	Kwinana (T)	Port Hedland (T)	York (S)
Cunderdin (S)	Lake Grace (S)	Quairading (S)	
Dalwallinu (S)	Laverton (S)	Ravensthorpe (S)	

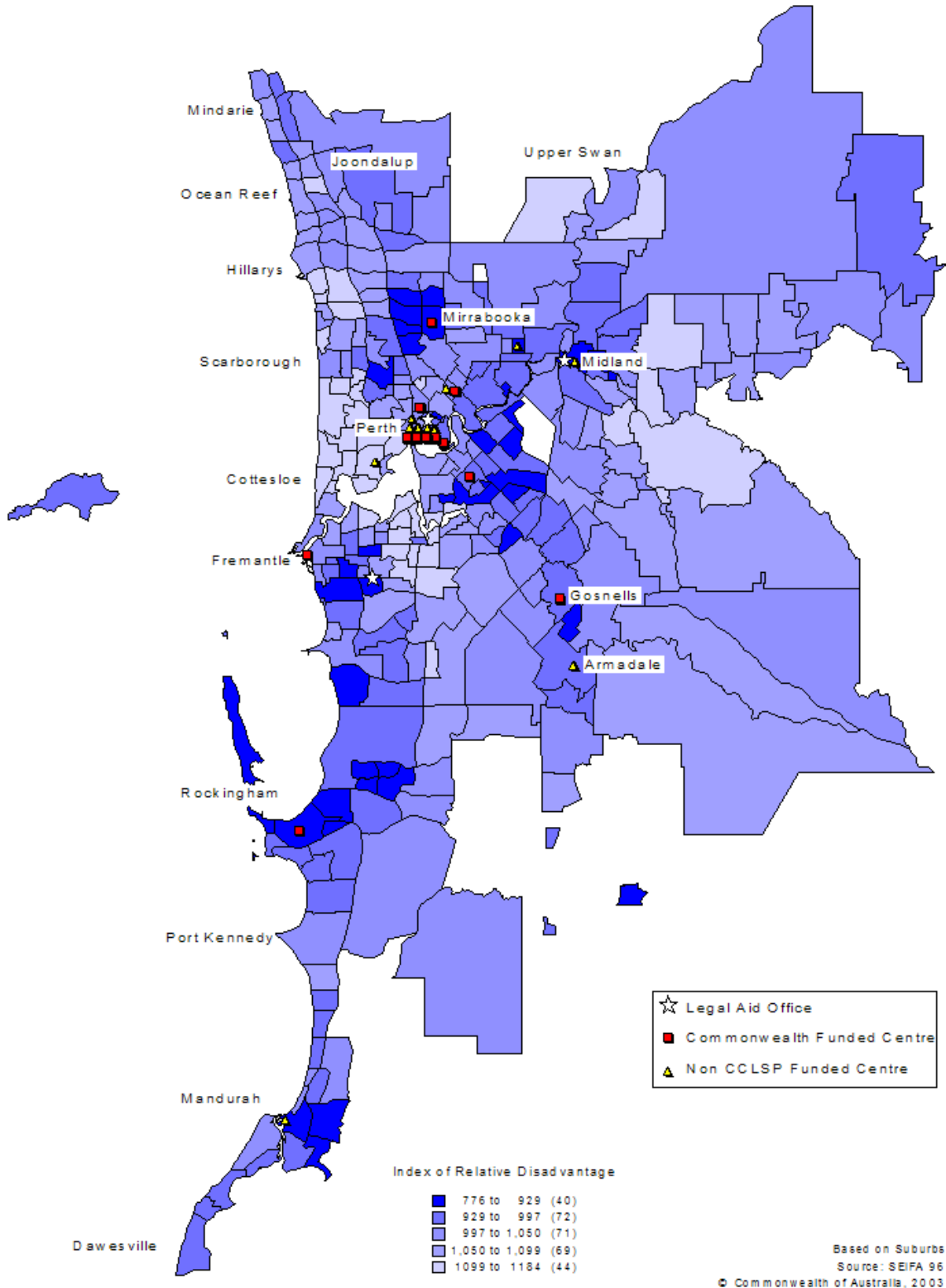
(T) = Town, (C) = City and (S) = Shire

Appendix H

Location of Legal Aid WA offices and CLCs







Appendix I

Income disadvantage – Metropolitan and Regional LGAs

Income disadvantage – Metropolitan LGAs

Rank	LGA	%	Rank	LGA	%
1	Kwinana (T)	49	16	Swan (C)	38
2	Belmont (C)	47	17	Vincent (T)	37
3	Rockingham (C)	45	18	Kalamunda (S)	36
4	Fremantle (C)	45	19	South Perth (C)	36
5	Victoria Park (T)	44	20	Serpentine-Jarrahdale (S)	36
6	Bassendean (T)	44	21	Melville (C)	36
7	Armadale (C)	43	22	Subiaco (C)	34
8	Bayswater (C)	43	23	East Fremantle (T)	34
9	Stirling (C)	42	24	Claremont (T)	32
10	Wanneroo (C)	40	25	Joondalup (C)	31
11	Mosman Park (T)	40	26	Nedlands (C)	29
12	Gosnells (C)	39	27	Cambridge (T)	28
13	Cockburn (C)	39	28	Cottesloe (T)	25
14	Perth (C)	39	29	Peppermint Grove (S)	23
15	Canning (C)	39			

Income disadvantage – Regional LGAs

Rank	LGA	%	Rank	LGA	%
1	Ngaanyatjarraku (S)	64	58	Northam (T)	48
2	Wickepin (S)	63	59	Dandaragan (S)	48
3	Halls Creek (S)	63	60	Narembeen (S)	48
4	Pingelly (S)	61	61	Broomehill (S)	47
5	Jerramungup (S)	59	62	Shark Bay (S)	47
6	Denmark (S)	59	63	Warooona (S)	47
7	Nungarin (S)	58	64	Derby-West Kimberley (S)	47
8	Woodanilling (S)	57	65	Victoria Plains (S)	47
9	Kent (S)	57	66	Kojoonup (S)	46
10	Kellerberrin (S)	57	67	Mukinbudin (S)	46
11	Northampton (S)	57	68	Mullewa (S)	46
12	Nannup (S)	57	69	Esperance (S)	45
13	Beverley (S)	55	70	Busselton (S)	45
14	Sandstone (S)	55	71	Perenjori (S)	45
15	Menzies (S)	55	72	Narrogin (T)	45
16	Goomalling (S)	55	73	Chapman Valley (S)	45
17	Cuballing (S)	54	74	Augusta-Margaret River (S)	45
18	Tambellup (S)	54	75	Manjimup (S)	44
19	Westonia (S)	53	76	Three Springs (S)	44
20	Dumbleyung (S)	53	77	Chittering (S)	44
21	Murchison (S)	53	78	Bunbury (C)	44

Rank	LGA	%	Rank	LGA	%
22	York (S)	52	79	Cue (S)	44
23	Kondinin (S)	52	80	Carnarvon (S)	43
24	Mandurah (C)	52	81	Coorow (S)	43
25	Wagin (S)	52	82	Merredin (S)	43
26	Toodyay (S)	52	83	Katanning (S)	43
27	Kulin (S)	52	84	Wiluna (S)	43
28	Gingin (S)	51	85	Mingenew (S)	43
29	Bruce Rock (S)	51	86	Yalgoo (S)	42
30	Plantagenet (S)	51	87	Moora (S)	42
31	Corrigin (S)	51	88	Williams (S)	41
32	Trayning (S)	51	89	Narrogin (S)	41
33	Murray (S)	51	90	Wongan-Ballidu (S)	40
34	Northam (S)	51	91	Dalwallinu (S)	39
35	Brookton (S)	51	92	Exmouth (S)	39
36	West Arthur (S)	51	93	Dundas (S)	39
37	Upper Gascoyne (S)	51	94	Carnamah (S)	39
38	Ravensthorpe (S)	50	95	Harvey (S)	39
39	Mount Marshall (S)	50	96	Mundaring (S)	37
40	Boyup Brook (S)	50	97	Wyndham-East Kimberley (S)	37
41	Geraldton (C)	50	98	Greenough (S)	37
42	Irwin (S)	50	99	Broome (S)	37
43	Lake Grace (S)	50	100	Laverton (S)	37
44	Tammin (S)	50	101	Boddington (S)	36
45	Morawa (S)	50	102	Capel (S)	36
46	Cranbrook (S)	49	103	Dardanup (S)	35
47	Cunderdin (S)	49	104	Mount Magnet (S)	35
48	Wyalkatchem (S)	49	105	Meekatharra (S)	34
49	Quairading (S)	49	106	Yilgarn (S)	30
50	Bridgetown-Greenbushes (S)	49	107	Kalgoorlie/Boulder (C)	27
51	Donnybrook-Balingup (S)	49	108	Coolgardie (S)	27
52	Dowerin (S)	49	109	East Pilbara (S)	25
53	Wandering (S)	49	110	Port Hedland (T)	23
54	Albany (C)	48	111	Roebourne (S)	22
55	Collie (S)	48	112	Ashburton (S)	20
56	Koorda (S)	48	113	Leonora (S)	19
57	Gnowangerup (S)	48			

(T) = Town, (C) = City and (S) = Shire

Appendix J

Raw data

LGA ranking and raw data for each indicator (Table 1)

Persons born overseas	Total	Persons born overseas	%	Indigenous persons	Total	Indigenous persons	%	AAGR* 10 Yrs	%	AAGR 5 Yrs	%	Weekly individual income (< \$400)	%	Weekly household income (< \$600)	%
Joondalup (C)	50,686	Perth (C)	44.6	Broome (S)	4,179	Ngaanyatjarraku (S)	83.1	Wiluna (S)	8.9	Perth (C)	7.3	Ngaanyatjarraku (S)	80	Sandstone (S)	68
Stirling (C)	50,076	Vincent (T)	38.2	Derby-West Kimberley (S)	4,127	Halls Creek (S)	70.6	Wanneroo (C)	6.1	Broome (S)	6.3	Halls Creek (S)	77	Wickepin (S)	65
Melville (C)	28,905	Canning (C)	37.8	Halls Creek (S)	2,906	Derby-West Kimberley (S)	45.2	Perth (C)	5.4	Upper Gascoyne (S)	6.2	Pingelly (S)	69	Yalgoo (S)	63
Wanneroo (C)	27,063	Bayswater (C)	37.2	Swan (C)	2,365	Upper Gascoyne (S)	43.3	Rockingham (C)	5.4	Dardanup (S)	6.2	Denmark (S)	67	Menzies (S)	60
Canning (C)	26,453	Victoria Park (T)	37.2	Wyndham-East Kimberley (S)	2,344	Murchison (S)	38.2	Mandurah (C)	5.3	Halls Creek (S)	6.1	Woodanilling (S)	66	Pingelly (S)	60
Gosnells (C)	25,532	Joondalup (C)	35.6	Port Hedland (T)	1,991	Menzies (S)	34.1	Broome (S)	5.3	Wanneroo (C)	5.4	Beverley (S)	66	Denmark (S)	59
Swan (C)	23,451	Wanneroo (C)	35.5	Gosnells (C)	1,957	Mullewa (S)	31.7	Augusta-Margaret River (S)	5.1	Busselton (S)	5.1	Wickepin (S)	66	Wiluna (S)	59
Rockingham (C)	20,831	Stirling (C)	34.6	Stirling (C)	1,954	Meekatharra (S)	28.1	Dardanup (S)	5.1	Derby-West Kimberley (S)	4.9	Nungarin (S)	65	Jerramungup (S)	59
Cockburn (C)	19,433	Subiaco (C)	34.1	Kalgoorlie/Boulder (C)	1,855	Wyndham-East Kimberley (S)	23.0	Toodyay (S)	4.8	Augusta-Margaret River (S)	4.8	Kellerberrin (S)	65	Nungarin (S)	59
Bayswater (C)	19,162	Fremantle (C)	33.9	Wanneroo (C)	1,833	Broome (S)	22.6	Busselton (S)	4.8	Chittering (S)	4.3	Northampton (S)	65	Nannup (S)	58
Armadale (C)	14,911	Gosnells (C)	33.6	Geraldton (C)	1,765	Wiluna (S)	22.3	Swan (C)	4.6	Gingin (S)	4.1	Tambellup (S)	64	Kellerberrin (S)	57
Kalamunda (S)	12,781	South Perth (C)	33.5	Roebourne (S)	1,673	East Pilbara (S)	21.0	Greenough (S)	4.6	Toodyay (S)	4.1	Jerramungup (S)	64	Kent (S)	57
South Perth (C)	11,238	Melville (C)	33.2	East Pilbara (S)	1,427	Laverton (S)	19.4	Halls Creek (S)	3.9	Mandurah (C)	4.0	Cuballing (S)	64	Murchison (S)	57
Victoria Park (T)	9,077	Rockingham (C)	31.7	Armadale (C)	1,384	Cue (S)	17.6	Chittering (S)	3.7	Rockingham (C)	3.9	Tammin (S)	63	Trayning (S)	57
Vincent (T)	8,760	Armadale (C)	31.5	Ngaanyatjarraku (S)	1,298	Tambellup (S)	17.2	Serpentine-Jarrahdale (S)	3.6	Swan (C)	3.7	Murray (S)	63	Goomalling (S)	56
Mandurah (C)	8,708	Belmont (C)	31.5	Cockburn (C)	1,274	Mount Magnet (S)	16.8	Harvey (S)	3.6	Denmark (S)	3.7	Goomalling (S)	63	Westonia (S)	56
Belmont (C)	8,533	Cockburn (C)	30.7	Carnarvon (S)	1,141	Port Hedland (T)	15.2	Denmark (S)	3.4	Harvey (S)	3.7	York (S)	63	Northampton (S)	56
Mundaring (S)	8,302	Nedlands (C)	30.5	Bunbury (C)	978	Brookton (S)	14.3	Gingin (S)	3.4	Irwin (S)	3.5	Mandurah (C)	63	Woodanilling (S)	55
Fremantle (C)	7,795	Mosman Park (T)	30.3	Belmont (C)	975	Yalgoo (S)	14.0	Irwin (S)	3.2	Capel (S)	3.5	Northam (S)	63	Dumbleyung (S)	54
Nedlands (C)	6,050	Swan (C)	30.0	Rockingham (C)	940	Tammin (S)	13.6	Cockburn (C)	2.9	Greenough (S)	3.4	Kent (S)	62	Wagin (S)	54
Cambridge (T)	6,045	Kwinana (T)	29.7	Canning (C)	926	Carnarvon (S)	12.5	Menzies (S)	2.8	Cockburn (C)	3.0	Collie (S)	62	Beverley (S)	54
Kwinana (T)	5,833	Bassendean (T)	29.5	Kwinana (T)	819	Pingelly (S)	11.3	Capel (S)	2.7	Serpentine-Jarrahdale (S)	2.8	Nannup (S)	62	Cuballing (S)	53
Albany (C)	5,124	Kalamunda (S)	28.9	Albany (C)	800	Quairading (S)	10.9	Upper Gascoyne (S)	2.6	Dandaragan (S)	2.8	Wagin (S)	61	Bruce Rock (S)	52
Subiaco (C)	4,877	Cambridge (T)	27.6	Bayswater (C)	763	Roebourne (S)	10.5	Ngaanyatjarraku (S)	2.5	Murray (S)	2.8	West Arthur (S)	61	York (S)	52
Bunbury (C)	4,671	Claremont (T)	26.6	Mandurah (C)	744	Coolgardie (S)	10.3	Northam (S)	2.4	Northam (S)	2.7	Kondinin (S)	61	Kulin (S)	51
Kalgoorlie/Boulder (C)	4,348	Mundaring (S)	26.0	Greenough (S)	687	Moora (S)	9.8	Wyndham-East Kimberley (S)	2.3	Wyndham-East Kimberley (S)	2.3	Gingin (S)	61	Toodyay (S)	51
Perth (C)	3,974	Serpentine-Jarrahdale (S)	25.2	Kalamunda (S)	661	Sandstone (S)	9.8	Murray (S)	2.2	York (S)	2.3	Kwinana (T)	60	Mandurah (C)	51
Bassendean (T)	3,734	East Fremantle (T)	25.1	Ashburton (S)	645	Leonora (S)	9.4	York (S)	2.2	Albany (C)	2.1	Plantagenet (S)	60	Cranbrook (S)	51
Busselton (S)	3,197	Leonora (S)	24.7	Joondalup (C)	621	Ashburton (S)	9.4	Dandaragan (S)	2.1	Bunbury (C)	2.0	Kulin (S)	60	Plantagenet (S)	51
Port Hedland (T)	2,777	Laverton (S)	24.4	Mundaring (S)	527	Dundas (S)	9.3	Kwinana (T)	2.1	Northampton (S)	1.9	Morawa (S)	60	Boyup Brook (S)	51
Harvey (S)	2,714	Denmark (S)	24.2	Meekatharra (S)	511	Geraldton (C)	9.2	Joondalup (C)	1.9	Belmont (C)	1.9	Toodyay (S)	60	Geraldton (C)	51
Serpentine-Jarrahdale (S)	2,673	Cottesloe (T)	24.1	Esperance (S)	508	Northam (T)	8.2	Murchison (S)	1.9	Donnybrook-Balingup (S)	1.9	Brookton (S)	60	Tammin (S)	51
Roebourne (S)	2,523	Port Hedland (T)	23.6	Northam (T)	504	Kellerberrin (S)	8.1	Esperance (S)	1.9	Exmouth (S)	1.9	Irwin (S)	60	Gingin (S)	51
Geraldton (C)	2,395	Wiluna (S)	23.3	Melville (C)	492	Kondinin (S)	7.9	Shark Bay (S)	1.7	Roebourne (S)	1.8	Albany (C)	60	Ravensthorpe (S)	51
Mosman Park (T)	2,226	Peppermint Grove (S)	23.0	Victoria Park (T)	470	Mingenew (S)	7.7	Derby-West Kimberley (S)	1.7	Gosnells (C)	1.8	Geraldton (C)	60	Shark Bay (S)	51
Claremont (T)	2,197	Sandstone (S)	22.9	Coolgardie (S)	435	Morawa (S)	7.4	Albany (C)	1.6	Plantagenet (S)	1.7	Donnybrook-Balingup (S)	59	Kondinin (S)	51
Broome (S)	2,070	Yalgoo (S)	22.5	Bassendean (T)	415	Katanning (S)	7.4	Northampton (S)	1.6	Waroona (S)	1.7	Dowerin (S)	59	Tambellup (S)	51
Murray (S)	1,905	Cue (S)	22.1	Laverton (S)	402	Gnowangerup (S)	7.2	Gosnells (C)	1.5	Kwinana (T)	1.6	Upper Gascoyne (S)	59	Corrigin (S)	50
Augusta-Margaret River (S)	1,668	Toodyay (S)	21.8	Wiluna (S)	366	Kalgoorlie/Boulder (C)	6.4	Mundaring (S)	1.5	Beverley (S)	1.6	Ravensthorpe (S)	59	West Arthur (S)	50
Cottesloe (T)	1,565	Chittering (S)	21.7	Fremantle (C)	351	Narrogin (T)	6.3	Waroona (S)	1.4	Dalwallinu (S)	1.6	Corrigin (S)	59	Irwin (S)	50

Persons born overseas	Total	Persons born overseas	%	Indigenous persons	Total	Indigenous persons	%	AAGR* 10 Yrs	%	AAGR 5 Yrs	%	Weekly individual income (< \$400)	%	Weekly household income (< \$600)	%
Carnarvon (S)	1,557	Bridgetown-Greenbushes (S)	21.2	Mullewa (S)	346	Greenough (S)	5.7	Donnybrook-Balingup (S)	1.3	Esperance (S)	1.6	Westonia (S)	59	Quairading (S)	50
East Fremantle (T)	1,509	East Pilbara (S)	20.6	Busselton (S)	325	Carnamah (S)	5.4	Bunbury (C)	1.1	Canning (C)	1.4	Bridgetown-Greenbushes (S)	59	Brookton (S)	50
Manjimup (S)	1,486	Mandurah (C)	20.6	South Perth (C)	321	Shark Bay (S)	5.3	Canning (C)	1.0	Ngaanyatjarraku (S)	1.3	Warooka (S)	59	Northam (S)	49
Esperance (S)	1,447	Murray (S)	20.1	Katanning (S)	305	Wagin (S)	5.1	Kalgoorlie/Boulder (C)	1.0	Woodanilling (S)	1.3	Broomehill (S)	59	Murray (S)	49
Derby-West Kimberley (S)	1,378	Gingin (S)	19.8	Harvey (S)	291	Wyalkatchem (S)	4.9	Victoria Park (T)	1.0	Mundaring (S)	1.3	Bruce Rock (S)	59	Cue (S)	49
Greenough (S)	1,370	Nannup (S)	19.2	Narrogin (T)	280	Three Springs (S)	4.9	Belmont (C)	0.9	Mosman Park (T)	1.2	Mount Marshall (S)	59	Koorda (S)	49
East Pilbara (S)	1,282	Carnarvon (S)	18.9	Leonora (S)	278	Dalwallinu (S)	4.9	Dalwallinu (S)	0.9	Shark Bay (S)	1.2	Northam (T)	59	Lake Grace (S)	49
Dardanup (S)	1,191	Dundas (S)	18.7	Moora (S)	254	Kojonup (S)	4.7	Peppermint Grove (S)	0.8	Ravensthorpe (S)	1.2	Narrogin (S)	58	Mount Marshall (S)	48
Ashburton (S)	1,085	Coolgardie (S)	18.6	Collie (S)	245	Merredin (S)	4.7	Mosman Park (T)	0.8	East Fremantle (T)	1.1	Cunderdin (S)	58	Cunderdin (S)	48
Wyndham-East Kimberley (S)	1,058	Northam (S)	18.5	Upper Gascoyne (S)	190	Westonia (S)	4.6	Plantagenet (S)	0.8	Chapman Valley (S)	1.1	Murchison (S)	58	Northam (T)	48
Denmark (S)	992	Augusta-Margaret River (S)	18.3	Manjimup (S)	183	Mukinbudin (S)	4.3	Nannup (S)	0.8	Joondalup (C)	1.0	Gnowangerup (S)	58	Dowerin (S)	48
Collie (S)	985	Albany (C)	18.2	Mount Magnet (S)	180	Dumbleyung (S)	4.0	Ravensthorpe (S)	0.8	Brookton (S)	1.0	Chapman Valley (S)	58	Belmont (C)	48
Capel (S)	965	Exmouth (S)	18.2	Perth (C)	174	Wongan-Ballidu (S)	4.0	Fremantle (C)	0.8	Carnarvon (S)	0.9	Derby-West Kimberley (S)	58	Bridgetown-Greenbushes (S)	48
Bridgetown-Greenbushes (S)	794	Shark Bay (S)	18.0	Vincent (T)	173	Esperance (S)	4.0	Chapman Valley (S)	0.7	Bridgetown-Greenbushes (S)	0.9	Chittering (S)	58	Wyalkatchem (S)	48
Northam (T)	793	York (S)	17.8	Merredin (S)	170	Kwinana (T)	3.9	Melville (C)	0.7	Victoria Park (T)	0.9	Rockingham (C)	58	Dandaragan (S)	48
Toodyay (S)	761	Donnybrook-Balingup (S)	17.6	Menzies (S)	169	Bruce Rock (S)	3.9	Armada (C)	0.7	Broomehill (S)	0.9	Shark Bay (S)	58	Albany (C)	48
Coolgardie (S)	728	Ashburton (S)	17.4	Murray (S)	156	Beverley (S)	3.8	Boddington (S)	0.6	Nannup (S)	0.8	Boyup Brook (S)	58	Wandering (S)	48
Donnybrook-Balingup (S)	724	Menzies (S)	17.4	Dundas (S)	153	Goomalling (S)	3.8	South Perth (C)	0.5	Fremantle (C)	0.8	Carnarvon (S)	57	Narembeen (S)	48
Exmouth (S)	707	Bunbury (C)	17.2	Northampton (S)	151	Perenjori (S)	3.7	Bridgetown-Greenbushes (S)	0.5	Subiaco (C)	0.7	Narrogin (T)	57	Victoria Park (T)	47
Plantagenet (S)	703	Warooka (S)	17.1	Subiaco (C)	142	Northampton (S)	3.5	East Fremantle (T)	0.4	Port Hedland (T)	0.6	Esperance (S)	57	Donnybrook-Balingup (S)	47
Gingin (S)	696	Plantagenet (S)	17.0	Plantagenet (S)	139	Boddington (S)	3.5	Stirling (C)	0.4	Murchison (S)	0.6	Quairading (S)	56	Gnowangerup (S)	47
Leonora (S)	668	Roebourne (S)	17.0	Brookton (S)	138	Bunbury (C)	3.4	Nedlands (C)	0.4	Melville (C)	0.6	Belmont (C)	56	Morawa (S)	47
Northam (S)	599	Derby-West Kimberley (S)	16.6	Pingelly (S)	127	Victoria Plains (S)	3.4	Subiaco (C)	0.3	Bayswater (C)	0.6	Armada (C)	56	Victoria Plains (S)	47
Northampton (S)	559	Kalgoorlie/Boulder (C)	16.5	Serpentine-Jarrahdale (S)	117	Belmont (C)	3.4	Beverley (S)	0.3	Laverton (S)	0.5	Busselton (S)	56	Collie (S)	47
Narrogin (T)	557	Harvey (S)	16.4	Tambellup (S)	116	Plantagenet (S)	3.2	Vincent (T)	0.2	Stirling (C)	0.5	Lake Grace (S)	56	Kwinana (T)	47
Chittering (S)	550	Mount Magnet (S)	16.0	Shark Bay (S)	115	Kulin (S)	3.2	Bayswater (C)	0.2	South Perth (C)	0.5	Dumbleyung (S)	56	Perenjori (S)	46
Warooka (S)	535	Meekatharra (S)	15.9	Quairading (S)	114	Bassendean (T)	3.1	Port Hedland (T)	0.1	Wyalkatchem (S)	0.5	Mullewa (S)	56	Kojonup (S)	46
Katanning (S)	491	Manjimup (S)	15.6	Gnowangerup (S)	109	York (S)	3.1	Bassendean (T)	0.1	Moora (S)	0.4	Koorda (S)	56	Perth (C)	46
York (S)	490	Busselton (S)	15.5	Cue (S)	105	Collie (S)	2.9	Kalamunda (S)	0.1	Vincent (T)	0.4	Fremantle (C)	55	Fremantle (C)	46
Merredin (S)	448	Capel (S)	15.4	Kojonup (S)	101	Swan (C)	2.9	Cambridge (T)	0.1	Narrogin (T)	0.4	Exmouth (S)	55	Busselton (S)	45
Laverton (S)	423	Yilgarn (S)	15.3	Kellerberrin (S)	94	Armada (C)	2.8	Manjimup (S)	-0.1	Cambridge (T)	0.4	Victoria Plains (S)	55	Augusta-Margaret River (S)	45
Irwin (S)	379	Cuballing (S)	15.2	York (S)	93	Albany (C)	2.7	Cunderdin (S)	-0.1	Nedlands (C)	0.3	Kojonup (S)	55	Broomehill (S)	45
Dandaragan (S)	366	Boyup Brook (S)	14.9	Capel (S)	91	Nungarin (S)	2.7	Carnarvon (S)	-0.2	Armada (C)	0.2	Mukinbudin (S)	55	Mukinbudin (S)	45
Shark Bay (S)	343	Dardanup (S)	14.9	Dardanup (S)	88	Dandaragan (S)	2.5	Claremont (T)	-0.2	Bassendean (T)	0.2	Mingenew (S)	55	Manjimup (S)	45
Peppermint Grove (S)	342	Beverley (S)	14.6	Wagin (S)	88	Wandering (S)	2.5	Cottesloe (T)	-0.4	Northam (T)	0.2	Trayning (S)	55	Mosman Park (T)	44
Wiluna (S)	321	Pingelly (S)	14.4	Nedlands (C)	84	Chapman Valley (S)	2.5	Tambellup (S)	-0.4	Pingelly (S)	0.1	Bassendean (T)	54	Mullewa (S)	44
Dundas (S)	289	Northampton (S)	14.3	Dalwallinu (S)	81	Gosnells (C)	2.4	Moora (S)	-0.5	Kalamunda (S)	0.1	Bunbury (C)	54	Esperance (S)	44
Yilgarn (S)	279	Trayning (S)	14.3	Toodyay (S)	78	Coorow (S)	2.4	Mukinbudin (S)	-0.5	Kalgoorlie/Boulder (C)	0.1	Narembeen (S)	54	Narrogin (T)	44
Meekatharra (S)	262	Irwin (S)	14.0	Dandaragan (S)	78	Warooka (S)	2.4	Geraldton (C)	-0.5	Collie (S)	0.1	Wanneroo (C)	54	Warooka (S)	44
Kojonup (S)	243	Ravensthorpe (S)	13.9	Warooka (S)	77	Wanneroo (C)	2.3	Pingelly (S)	-0.5	Tambellup (S)	0.0	Manjimup (S)	54	Mingenew (S)	44
Moora (S)	231	Cranbrook (S)	13.7	Kondinin (S)	77	Irwin (S)	2.1	Roebourne (S)	-0.6	Merredin (S)	0.0	Cranbrook (S)	54	Halls Creek (S)	44

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Wagin (S)	224	Northam (T)	13.6	Murchison (S)	76	Woodanilling (S)	2.1	Morawa (S)	-0.6	Manjimup (S)	-0.0	Moora (S)	54	Bassendean (T)	44
Boyup Brook (S)	220	Wagin (S)	13.4	Augusta-Margaret River (S)	69	Toodyay (S)	2.1	Kojonup (S)	-0.6	Menzies (S)	-0.1	Dandaragan (S)	54	Merredin (S)	43
Nannup (S)	218	Chapman Valley (S)	13.3	Morawa (S)	69	Nannup (S)	2.0	Broomehill (S)	-0.6	Geraldton (C)	-0.1	Merredin (S)	54	Bayswater (C)	43
Beverley (S)	204	Geraldton (C)	13.2	Donnybrook-Balingup (S)	64	Cockburn (C)	1.9	Exmouth (S)	-0.6	Claremont (T)	-0.1	Bayswater (C)	54	Bunbury (C)	43
Ravensthorpe (S)	185	Dandaragan (S)	13.2	Yalgoo (S)	62	Manjimup (S)	1.8	Narrogin (T)	-0.6	Cunderdin (S)	-0.2	Wandering (S)	54	Three Springs (S)	43
Boddington (S)	173	Narrogin (T)	13.1	Northam (S)	61	Koorda (S)	1.8	Brookton (S)	-0.7	Mount Magnet (S)	-0.2	Gosnells (C)	54	Stirling (C)	42
Wongan-Ballidu (S)	164	Merredin (S)	13.0	Mosman Park (T)	60	Dowerin (S)	1.8	Woodanilling (S)	-0.7	Victoria Plains (S)	-0.3	Augusta-Margaret River (S)	54	Rockingham (C)	42
Halls Creek (S)	157	Katanning (S)	13.0	Irwin (S)	60	Victoria Park (T)	1.7	Merredin (S)	-0.8	Cottesloe (T)	-0.3	Coorow (S)	54	Williams (S)	42
Mount Magnet (S)	157	Boddington (S)	12.8	Wongan-Ballidu (S)	60	Yilgarn (S)	1.7	Northam (T)	-0.8	Cuballing (S)	-0.4	Harvey (S)	53	Chapman Valley (S)	42
Pingelly (S)	153	Victoria Plains (S)	12.8	Tammin (S)	57	Northam (S)	1.7	Cuballing (S)	-0.8	Corrigin (S)	-0.4	Victoria Park (T)	53	Katanning (S)	42
Gnowangerup (S)	151	Three Springs (S)	12.7	Beverley (S)	56	Harvey (S)	1.7	Collie (S)	-0.8	Dowerin (S)	-0.5	Canning (C)	53	Laverton (S)	41
Lake Grace (S)	149	Wyalkatchem (S)	12.7	Cambridge (T)	53	Wickepin (S)	1.7	Quairading (S)	-0.9	Peppermint Grove (S)	-0.5	Wyalkatchem (S)	53	Coorow (S)	41
Cranbrook (S)	137	Broome (S)	12.7	Boddington (S)	49	Mandurah (C)	1.7	Wyalkatchem (S)	-0.9	Mullewa (S)	-0.6	Cockburn (C)	53	Carnarvon (S)	41
Dalwallinu (S)	132	Wyndham-East Kimberley (S)	12.5	Carnamah (S)	46	Cuballing (S)	1.6	Narembeen (S)	-1.1	Coorow (S)	-0.7	Katanning (S)	53	Carnamah (S)	41
Cunderdin (S)	124	Collie (S)	12.5	Bridgetown-Greenbushes (S)	45	Cunderdin (S)	1.6	Kondinin (S)	-1.1	Wongan-Ballidu (S)	-0.7	Swan (C)	53	Ngaanyatjarraku (S)	40
Cue (S)	121	Esperance (S)	12.1	Exmouth (S)	43	Mundaring (S)	1.6	Katanning (S)	-1.1	Mukinbudin (S)	-0.8	Capel (S)	53	Armadale (C)	40
Victoria Plains (S)	118	Greenough (S)	12.0	Mingenew (S)	42	Murray (S)	1.6	Bruce Rock (S)	-1.1	Kellerberrin (S)	-0.8	Greenough (S)	52	Chittering (S)	40
Coorow (S)	114	Kojonup (S)	11.9	Bruce Rock (S)	41	Jerramungup (S)	1.5	Boyup Brook (S)	-1.1	Bruce Rock (S)	-0.8	Stirling (C)	52	Dundas (S)	40
Kellerberrin (S)	113	Carnamah (S)	11.8	East Fremantle (T)	39	Donnybrook-Balingup (S)	1.5	Wongan-Ballidu (S)	-1.1	Nungarin (S)	-0.8	Mundaring (S)	52	Moora (S)	40
Chapman Valley (S)	111	Broomehill (S)	11.7	Three Springs (S)	36	Busselton (S)	1.5	Mingenew (S)	-1.2	Mingenew (S)	-0.9	Perenjori (S)	52	Wongan-Ballidu (S)	40
Jerramungup (S)	104	Mount Marshall (S)	11.5	Goomalling (S)	36	Kalamunda (S)	1.4	Narrogin (S)	-1.2	Kojonup (S)	-0.9	Kalamunda (S)	52	Dalwallinu (S)	38
Cuballing (S)	100	Wongan-Ballidu (S)	11.3	Gingin (S)	34	Narembeen (S)	1.4	Jerramungup (S)	-1.2	Katanning (S)	-1.1	Dardanup (S)	52	Vincent (T)	38
Carnamah (S)	96	Nungarin (S)	10.5	Chittering (S)	33	Bayswater (C)	1.4	Wagin (S)	-1.3	Boyup Brook (S)	-1.1	Mosman Park (T)	52	South Perth (C)	37
Bruce Rock (S)	94	Gnowangerup (S)	10.4	Yilgarn (S)	33	Capel (S)	1.4	Williams (S)	-1.3	Wagin (S)	-1.4	Serpentine-Jarrahdale (S)	51	Subiaco (C)	37
Corrigin (S)	90	Tammin (S)	10.1	Victoria Plains (S)	33	Fremantle (C)	1.4	West Arthur (S)	-1.3	Quairading (S)	-1.4	Three Springs (S)	51	Derby-West Kimberley (S)	37
Three Springs (S)	88	Williams (S)	10.1	Wyalkatchem (S)	33	Lake Grace (S)	1.4	Mount Marshall (S)	-1.3	Tammin (S)	-1.5	Dalwallinu (S)	51	Canning (C)	36
Narembeen (S)	87	Lake Grace (S)	10.1	Coorow (S)	32	Rockingham (C)	1.3	Coorow (S)	-1.4	Morawa (S)	-1.5	Melville (C)	50	Cockburn (C)	36
Quairading (S)	87	Kellerberrin (S)	10.0	Mukinbudin (S)	28	Perth (C)	1.3	Cranbrook (S)	-1.4	Jerramungup (S)	-1.5	Broome (S)	49	Exmouth (S)	36
Williams (S)	86	Narembeen (S)	9.9	Dumbleyung (S)	28	Stirling (C)	1.3	Corrigin (S)	-1.4	Narembeen (S)	-1.5	Wongan-Ballidu (S)	49	Gosnells (C)	36
Goomalling (S)	84	Bruce Rock (S)	9.9	Kulin (S)	27	Canning (C)	1.3	Dowerin (S)	-1.4	Kulin (S)	-1.6	Vincent (T)	48	Wanneroo (C)	36
Yalgoo (S)	84	Moora (S)	9.7	Denmark (S)	24	Mount Marshall (S)	1.2	Nungarin (S)	-1.5	Wandering (S)	-1.6	Williams (S)	48	Narrogin (S)	36
Morawa (S)	83	Goomalling (S)	9.6	Nannup (S)	24	Chittering (S)	1.2	Kellerberrin (S)	-1.6	Boddington (S)	-1.6	Joondalup (C)	48	Boddington (S)	35
Brookton (S)	82	Narrogin (S)	9.5	Sandstone (S)	23	Bridgetown-Greenbushes (S)	1.1	Goomalling (S)	-1.6	Cranbrook (S)	-1.9	South Perth (C)	47	Swan (C)	35
Wyalkatchem (S)	82	Kulin (S)	9.5	Chapman Valley (S)	22	Corrigin (S)	1.1	Tammin (S)	-1.7	Goomalling (S)	-1.9	Dundas (S)	46	Harvey (S)	35
Menzies (S)	81	Brookton (S)	9.4	Cunderdin (S)	22	Dardanup (S)	1.1	Victoria Plains (S)	-1.7	West Arthur (S)	-1.9	East Fremantle (T)	46	Meekatharra (S)	34
Kondinin (S)	80	Morawa (S)	9.4	Perenjori (S)	22	Serpentine-Jarrahdale (S)	1.1	Three Springs (S)	-1.7	Williams (S)	-2.0	Subiaco (C)	46	East Fremantle (T)	34
Narrogin (S)	79	Cunderdin (S)	9.3	Lake Grace (S)	21	West Arthur (S)	1.0	Yilgarn (S)	-1.8	Narrogin (S)	-2.1	Boddington (S)	46	Melville (C)	34
Mullewa (S)	78	Coorow (S)	9.0	Jerramungup (S)	18	Exmouth (S)	1.0	Lake Grace (S)	-1.8	Three Springs (S)	-2.3	Perth (C)	46	Mundaring (S)	33
Kulin (S)	77	Perenjori (S)	8.9	Cottesloe (T)	16	Williams (S)	1.0	Dumbleyung (S)	-2.0	Mount Marshall (S)	-2.5	Nedlands (C)	46	Upper Gascoyne (S)	33
Mount Marshall (S)	72	Jerramungup (S)	8.9	Boyup Brook (S)	15	Ravensthorpe (S)	1.0	Gnowangerup (S)	-2.1	Perenjori (S)	-2.7	Claremont (T)	46	Wyndham-East Kimberley (S)	33
Trayning (S)	57	Quairading (S)	8.6	Ravensthorpe (S)	14	Boyup Brook (S)	1.0	Kulin (S)	-2.2	Gnowangerup (S)	-2.8	Wyndham-East Kimberley (S)	45	Claremont (T)	33

Persons born overseas	Total	Persons born overseas	%	Indigenous persons	Total	Indigenous persons	%	AAGR* 10 Yrs	%	AAGR 5 Yrs	%	Weekly individual income (< \$400)	%	Weekly household income (< \$600)	%
Dowerin (S)	56	Westonia (S)	8.6	Dowerin (S)	14	Kent (S)	1.0	Wandering (S)	-2.3	Wickepin (S)	-2.8	Menzies (S)	43	Mount Magnet (S)	33
Ngaanyatjarraku (S)	55	Kondinin (S)	8.5	Claremont (T)	13	Cranbrook (S)	1.0	Leonora (S)	-2.3	Lake Grace (S)	-2.9	Cambridge (T)	43	Kalamunda (S)	32
West Arthur (S)	53	Koorda (S)	8.4	Narembeen (S)	13	Subiaco (C)	0.9	Wickepin (S)	-2.5	Kondinin (S)	-3.1	Cue (S)	43	Broome (S)	31
Mukinbudin (S)	52	Mingenew (S)	8.3	Corrigin (S)	13	South Perth (C)	0.9	Westonia (S)	-2.6	Dumbleyung (S)	-3.2	Coolgardie (S)	43	Yilgarn (S)	31
Perenjori (S)	51	Dalwallinu (S)	8.2	Wickepin (S)	12	Gingin (S)	0.9	Perenjori (S)	-2.7	East Pilbara (S)	-3.3	Peppermint Grove (S)	42	Greenough (S)	31
Sandstone (S)	51	Mukinbudin (S)	8.2	Cuballing (S)	11	Mosman Park (T)	0.8	Mullewa (S)	-2.7	Yalgoo (S)	-3.3	Carnamah (S)	42	Capel (S)	31
Broomehill (S)	50	Woodanilling (S)	8.0	Westonia (S)	11	Trayning (S)	0.7	Mount Magnet (S)	-2.7	Sandstone (S)	-3.7	Kalgoorlie/Boulder (C)	41	Serpentine-Jarrahdale (S)	30
Dumbleyung (S)	48	Corrigin (S)	7.8	Cranbrook (S)	10	Augusta-Margaret River (S)	0.7	Ashburton (S)	-2.8	Westonia (S)	-4.0	Ashburton (S)	40	Dardanup (S)	30
Kent (S)	42	Dowerin (S)	7.5	Williams (S)	9	Vincent (T)	0.7	Koorda (S)	-2.8	Ashburton (S)	-4.1	Roebourne (S)	39	Cambridge (T)	28
Mingenew (S)	41	Mullewa (S)	7.4	West Arthur (S)	9	Broomehill (S)	0.7	Yalgoo (S)	-2.8	Carnamah (S)	-4.1	Cottesloe (T)	38	Nedlands (C)	28
Wickepin (S)	41	Dumbleyung (S)	7.2	Mount Marshall (S)	8	East Fremantle (T)	0.6	Meekatharra (S)	-3.0	Cue (S)	-4.3	Yilgarn (S)	38	Joondalup (C)	25
Tambellup (S)	40	Murchison (S)	7.1	Koorda (S)	8	Denmark (S)	0.6	Coolgardie (S)	-3.0	Kent (S)	-4.4	Port Hedland (T)	38	Cottesloe (T)	25
Tammin (S)	40	Kent (S)	7.0	Woodanilling (S)	8	Melville (C)	0.5	Laverton (S)	-3.1	Wiluna (S)	-4.6	East Pilbara (S)	37	Kalgoorlie/Boulder (C)	23
Koorda (S)	36	West Arthur (S)	6.4	Wandering (S)	8	Joondalup (C)	0.4	Kent (S)	-3.2	Yilgarn (S)	-4.7	Meekatharra (S)	35	Leonora (S)	22
Woodanilling (S)	29	Tambellup (S)	6.3	Nungarin (S)	7	Nedlands (C)	0.4	Trayning (S)	-3.4	Koorda (S)	-5.1	Mount Magnet (S)	35	Coolgardie (S)	21
Nungarin (S)	27	Upper Gascoyne (S)	5.9	Kent (S)	6	Peppermint Grove (S)	0.3	Dundas (S)	-3.4	Trayning (S)	-5.1	Sandstone (S)	30	Peppermint Grove (S)	19
Upper Gascoyne (S)	24	Wickepin (S)	5.8	Peppermint Grove (S)	5	Cambridge (T)	0.2	Carnamah (S)	-3.5	Coolgardie (S)	-5.3	Wiluna (S)	26	Port Hedland (T)	17
Westonia (S)	19	Wandering (S)	4.6	Trayning (S)	3	Cottesloe (T)	0.2	Cue (S)	-4.9	Dundas (S)	-5.5	Laverton (S)	21	East Pilbara (S)	15
Wandering (S)	14	Halls Creek (S)	4.2	Broomehill (S)	3	Claremont (T)	0.1	Sandstone (S)	-5.1	Leonora (S)	-6.5	Yalgoo (S)	19	Roebourne (S)	14
Murchison (S)	13	Ngaanyatjarraku (S)	3.6	Narrogin (S)	0	Narrogin (S)	0.0	East Pilbara (S)	-5.3	Meekatharra (S)	-7.2	Leonora (S)	17	Ashburton (S)	12

Source: ABS (2001) and Department of Local Government and Regional Development (2002)

(T) = Town, (C) = City and (S) = Shire

* AAGR: Average Annual Growth Rate

LGA ranking and raw data for each indicator (Table 2)

Weekly family income (< \$600)	%	Unemployment Jun 2002	%	Unemployment Dec 2002	%	Didn't go to school or only to Yr 8	%	State housing	%	Home ownership	%	Monthly housing loan payments (<\$600)	%	DSS Payments as a % of income	%
Ngaanyatjarraku (S)	72	Halls Creek (S)	16.2	Halls Creek (S)	16.7	Ngaanyatjarraku (S)	38	Derby-West Kimberley (S)	14.6	Ngaanyatjarraku (S)	2.5	Nungarin (S)	100	Murchison (S)	31.6
Halls Creek (S)	67	Ngaanyatjarraku (S)	15.0	Perth (C)	14.7	Halls Creek (S)	32	Halls Creek (S)	14.6	Halls Creek (S)	11.5	Westonia (S)	100	Denmark (S)	28.0
Sandstone (S)	67	Perth (C)	13.9	Ngaanyatjarraku (S)	12.1	Shark Bay (S)	18	Port Hedland (T)	14.2	Port Hedland (T)	13.1	Wyalkatchem (S)	100	Kwinana (T)	25.8
Menzies (S)	62	Kwinana (T)	12.7	Kwinana (T)	11.8	Upper Gascoyne (S)	17	Meekatharra (S)	14.2	East Pilbara (S)	15.0	Ashburton (S)	93	Mandurah (C)	24.3
Upper Gascoyne (S)	59	Broome (S)	11.7	Denmark (S)	10.2	Menzies (S)	17	Broome (S)	11.6	Roebourne (S)	15.9	Bruce Rock (S)	89	Murray (S)	22.9
Wickepin (S)	59	Chapman Valley (S)	11.6	Wyndham-East Kimberley (S)	9.8	Carnarvon (S)	16	Fremantle (C)	10.9	Laverton (S)	16.6	Three Springs (S)	89	Albany (C)	22.5
Jerramungup (S)	55	Mount Magnet (S)	11.3	Derby-West Kimberley (S)	9.7	Kellerberrin (S)	16	Perth (C)	10.5	Ashburton (S)	17.4	East Pilbara (S)	88	Belmont (C)	22.2
Pingelly (S)	53	Irwin (S)	11.0	Mandurah (C)	9.6	Derby-West Kimberley (S)	16	Belmont (C)	10.4	Perth (C)	17.5	Carnamah (S)	87	Bassendean (T)	21.1
Kent (S)	52	Wyndham-East Kimberley (S)	10.9	Wanneroo (C)	9.6	Katanning (S)	15	Wyndham-East Kimberley (S)	10.2	Derby-West Kimberley (S)	19.9	Tambellup (S)	86	Derby-West Kimberley (S)	20.2
Woodanilling (S)	51	Exmouth (S)	10.6	Fremantle (C)	9.4	Murchison (S)	15	Geraldton (C)	10.1	Coolgardie (S)	20.9	Mount Marshall (S)	84	Nannup (S)	20.1
Denmark (S)	50	Geraldton (C)	10.6	Broome (S)	9.2	Pingelly (S)	14	Narrogin (T)	9.9	Kalgoorlie/Boulder (C)	21.1	Trayning (S)	82	Fremantle (C)	20.0
Nungarin (S)	50	Fremantle (C)	10.5	Geraldton (C)	9.0	Tammin (S)	14	Roebourne (S)	9.6	Leonora (S)	21.6	Laverton (S)	77	York (S)	19.6
Nannup (S)	50	Bassendean (T)	9.7	Bassendean (T)	8.9	Brookton (S)	14	Carnarvon (S)	9.2	Menzies (S)	21.9	Mount Magnet (S)	76	Halls Creek (S)	19.1
Northampton (S)	49	Toodyay (S)	9.7	Mount Magnet (S)	8.8	Northam (T)	14	Mount Magnet (S)	9.2	Meekatharra (S)	24.5	Dumbleyung (S)	75	Gingin (S)	19.0
Dumbleyung (S)	49	Wanneroo (C)	9.6	Collie (S)	8.8	Trayning (S)	14	Northam (T)	8.4	Wiluna (S)	25.7	Tammin (S)	75	Northam (S)	19.0
Kellerberrin (S)	48	Belmont (C)	9.6	Belmont (C)	8.6	Goomalling (S)	14	Mullewa (S)	7.9	Mount Magnet (S)	25.9	Dundas (S)	74	Busselton (S)	18.9
Tambellup (S)	48	Northam (T)	9.6	Victoria Park (T)	8.6	Geraldton (C)	13	Moora (S)	7.9	Victoria Park (T)	26.1	Cunderdin (S)	73	Brookton (S)	18.8
Laverton (S)	47	Victoria Park (T)	9.6	Murray (S)	8.6	Fremantle (C)	13	Katanning (S)	7.8	Wanneroo (C)	28.9	Morawa (S)	71	Joondalup (C)	18.5
Beverley (S)	46	Rockingham (C)	9.4	Chapman Valley (S)	8.5	Exmouth (S)	13	Bunbury (C)	7.5	Kwinana (T)	28.9	Kondinin (S)	71	Beverley (S)	18.4
Kondinin (S)	46	Denmark (S)	9.3	Rockingham (C)	8.4	Cue (S)	13	Cue (S)	7.2	Swan (C)	30.1	Mukinbudin (S)	69	Mullewa (S)	18.2
Cuballing (S)	46	Mandurah (C)	9.3	Vincent (T)	8.4	Northampton (S)	13	Murchison (S)	7.0	Subiaco (C)	30.4	Dalwallinu (S)	69	Rockingham (C)	18.2
Goomalling (S)	45	Carnarvon (S)	9.2	Northam (T)	8.2	Koorda (S)	13	Mosman Park (T)	6.8	Vincent (T)	33.0	Perenjori (S)	68	Victoria Park (T)	18.2
Derby-West Kimberley (S)	45	Gingin (S)	9.1	Toodyay (S)	8.0	Tambellup (S)	13	Merredin (S)	6.7	Bunbury (C)	33.1	Kellerberrin (S)	68	Wagin (S)	18.0
Wyalkatchem (S)	45	Swan (C)	9.0	Nannup (S)	8.0	Warooka (S)	13	Kondinin (S)	6.5	Gosnells (C)	33.3	Wandering (S)	67	Plantagenet (S)	17.9
Lake Grace (S)	45	Murchison (S)	8.8	Carnarvon (S)	7.9	Vincent (T)	13	Bassendean (T)	6.4	Rockingham (C)	33.9	Meekatharra (S)	65	Cuballing (S)	17.8
Yalgoo (S)	44	Shark Bay (S)	8.6	Swan (C)	7.9	Mullewa (S)	12	Tambellup (S)	6.3	Dardanup (S)	34.0	Gnowangerup (S)	65	Boyup Brook (S)	17.7
Westonia (S)	44	Armadale (C)	8.5	Stirling (C)	7.9	Manjimup (S)	12	Collie (S)	6.2	Wyndham-East Kimberley (S)	34.1	Pingelly (S)	65	Geraldton (C)	17.6
Wandering (S)	44	Northam (S)	8.5	Irwin (S)	7.8	Wyalkatchem (S)	12	Kwinana (T)	6.2	Boddington (S)	34.5	Koorda (S)	65	Toodyay (S)	17.5
Mount Marshall (S)	44	Derby-West Kimberley (S)	8.2	Armadale (C)	7.7	Kondinin (S)	12	Kalgoorlie/Boulder (C)	6.0	Armadale (C)	34.6	Quairading (S)	65	Warooka (S)	17.5
Corrigin (S)	44	Meekatharra (S)	8.2	Meekatharra (S)	7.7	Belmont (C)	12	Victoria Park (T)	5.8	Geraldton (C)	34.6	Halls Creek (S)	64	Collie (S)	17.4
Toodyay (S)	44	Murray (S)	8.2	Exmouth (S)	7.6	Wyndham-East Kimberley (S)	12	Cockburn (C)	5.8	Belmont (C)	34.9	Kulin (S)	64	Bayswater (C)	17.2
Brookton (S)	43	Collie (S)	8.1	Albany (C)	7.4	Mingenew (S)	12	Busselton (S)	5.7	South Perth (C)	35.0	Narembeen (S)	63	Donnybrook-Balingup (S)	17.1
Kulin (S)	43	Northampton (S)	8.0	Murchison (S)	7.4	Collie (S)	12	Swan (C)	5.5	Cockburn (C)	35.1	Wongan-Ballidu (S)	63	Greenough (S)	17.1
Gingin (S)	43	Vincent (T)	8.0	Northam (S)	7.1	Corrigin (S)	12	Exmouth (S)	5.4	Broome (S)	35.2	West Arthur (S)	63	Kellerberrin (S)	17.1
Bruce Rock (S)	43	Yalgoo (S)	7.9	Gingin (S)	6.8	Dumbleyung (S)	12	Laverton (S)	5.4	Greenough (S)	35.4	Broomehill (S)	63	Pingelly (S)	17.1
Wiluna (S)	43	York (S)	7.7	Shark Bay (S)	6.7	Bassendean (T)	12	Albany (C)	5.3	Narrogin (T)	36.5	Wickepin (S)	63	Irwin (S)	17.0
Murchison (S)	43	Port Hedland (T)	7.5	Gosnells (C)	6.7	Kulin (S)	12	Stirling (C)	5.3	Fremantle (C)	36.5	Brookton (S)	62	Narrogin (T)	16.7
York (S)	43	Stirling (C)	7.4	Augusta-Margaret River (S)	6.7	Narembeen (S)	12	Canning (C)	5.3	Upper Gascoyne (S)	36.5	Woodanilling (S)	62	Armadale (C)	16.5
Mandurah (C)	43	Beverley (S)	7.4	Yalgoo (S)	6.6	West Arthur (S)	12	Trayning (S)	5.3	Sandstone (S)	37.1	Mingenew (S)	62	Esperance (S)	16.5
Cranbrook (S)	42	Gosnells (C)	7.3	Mosman Park (T)	6.4	Irwin (S)	12	Leonora (S)	5.2	Murchison (S)	37.2	Wagin (S)	61	Northam (T)	16.5

Weekly family income (< \$600)	%	Unemployment Jun 2002	%	Unemployment Dec 2002	%	Didn't go to school or only to Yr 8	%	State housing	%	Home ownership	%	Monthly housing loan payments (<\$600)	%	DSS Payments as a % of income	%
Morawa (S)	42	Tammin (S)	7.3	Busselton (S)	6.4	Dandaragan (S)	12	Irwin (S)	5.2	Harvey (S)	37.6	Ravensthorpe (S)	60	Augusta-Margaret River (S)	16.4
Plantagenet (S)	42	Wiluna (S)	7.2	York (S)	6.3	Bayswater (C)	12	Wanneroo (C)	5.1	Katanning (S)	37.6	Lake Grace (S)	59	Stirling (C)	16.4
Trayning (S)	42	Nannup (S)	7.1	Wiluna (S)	6.3	East Pilbara (S)	11	South Perth (C)	5.0	Esperance (S)	38.0	Boyup Brook (S)	58	Gosnells (C)	16.1
West Arthur (S)	42	Albany (C)	7.1	Waroona (S)	6.3	Mandurah (C)	11	Goomalling (S)	4.8	Mosman Park (T)	38.1	Kent (S)	57	Vincent (T)	16.1
Boyup Brook (S)	42	Cue (S)	7.0	Northampton (S)	6.2	Murray (S)	11	Esperance (S)	4.8	Joondalup (C)	38.3	Williams (S)	57	Carnarvon (S)	15.9
Ravensthorpe (S)	42	Cockburn (C)	6.9	Cockburn (C)	6.2	Quairading (S)	11	Kellerberrin (S)	4.5	Serpentine-Jarrahdale (S)	38.5	Beverley (S)	57	Narrogin (S)	15.7
Dandaragan (S)	41	Augusta-Margaret River (S)	6.6	Pingelly (S)	6.2	Wagin (S)	11	Subiaco (C)	4.5	Carnamah (S)	38.6	Victoria Plains (S)	56	Swan (C)	15.2
Northam (S)	41	Esperance (S)	6.6	Beverley (S)	6.1	Coorow (S)	11	Pingelly (S)	4.5	Bassendean (T)	39.0	Merredin (S)	56	Bridgetown-Greenbushes (S)	15.0
Narembeen (S)	41	Mosman Park (T)	6.6	Tammin (S)	6.1	Merredin (S)	11	Yalgoo (S)	4.4	Stirling (C)	39.3	Corrigin (S)	55	Katanning (S)	15.0
Murray (S)	41	Dandaragan (S)	6.4	Port Hedland (T)	6.0	Narrogin (T)	11	Manjimup (S)	4.4	Yilgarn (S)	39.3	Cranbrook (S)	54	Cockburn (C)	14.9
Wagin (S)	41	Mundaring (S)	6.4	Upper Gascoyne (S)	6.0	Albany (C)	11	Corrigin (S)	4.3	Canning (C)	39.5	Katanning (S)	53	Wyalkatchem (S)	14.9
Irwin (S)	40	Upper Gascoyne (S)	6.4	Mullewa (S)	6.0	Morawa (S)	11	Brookton (S)	4.2	Merredin (S)	39.7	Narrogin (T)	53	Harvey (S)	14.7
Cunderdin (S)	40	Busselton (S)	6.2	Laverton (S)	5.9	Ravensthorpe (S)	11	Wagin (S)	4.2	Yalgoo (S)	39.7	Dowerin (S)	53	Bunbury (C)	14.5
Quairading (S)	40	Mullewa (S)	5.8	Mundaring (S)	5.8	Plantagenet (S)	11	Dumbleyung (S)	4.0	Northam (T)	39.7	Collie (S)	52	Manjimup (S)	14.5
Geraldton (C)	40	Waroona (S)	5.6	Bunbury (C)	5.7	Gingin (S)	11	Cunderdin (S)	4.0	Busselton (S)	39.7	Kojonup (S)	52	Wandering (S)	14.5
Koorda (S)	40	Kellerberrin (S)	5.5	Plantagenet (S)	5.7	Wickepin (S)	11	Mukinbudin (S)	3.9	Augusta-Margaret River (S)	39.8	Cuballing (S)	51	Tambellup (S)	14.4
Donnybrook-Balingup (S)	40	Laverton (S)	5.5	Cue (S)	5.4	Mount Magnet (S)	11	Wickepin (S)	3.9	Bayswater (C)	39.9	Cue (S)	50	Upper Gascoyne (S)	14.3
Kwinana (T)	39	East Fremantle (T)	5.4	Bridgetown-Greenbushes	5.4	Bunbury (C)	11	Wiluna (S)	3.8	Moora (S)	41.1	Leonora (S)	50	Northampton (S)	14.2
Gnowangerup (S)	39	Coorow (S)	5.3	Broomehill (S)	5.3	Bruce Rock (S)	11	Bayswater (C)	3.8	Mandurah (C)	41.3	Northam (T)	49	Ravensthorpe (S)	13.9
Cue (S)	39	Mingenew (S)	5.3	Donnybrook-Balingup (S)	5.3	Dundas (S)	11	Gosnells (C)	3.6	Dundas (S)	41.6	Jerramungup (S)	49	Mosman Park (T)	13.6
Bridgetown-Greenbushes (S)	39	Broomehill (S)	5.2	Esperance (S)	5.1	Yalgoo (S)	11	Armadale (C)	3.5	Manjimup (S)	41.8	Mullewa (S)	47	Broome (S)	13.2
Mukinbudin (S)	39	Bunbury (C)	5.2	Mingenew (S)	5.1	Sandstone (S)	11	Northam (S)	3.4	Northam (S)	42.8	Moora (S)	47	Cunderdin (S)	13.2
Broomehill (S)	38	Canning (C)	5.2	Menzies (S)	5.1	Kwinana (T)	11	Gnowangerup (S)	3.4	Capel (S)	42.9	Nannup (S)	46	Ngaanyatjarraku (S)	13.2
Dowerin (S)	38	Moora (S)	5.1	Dandaragan (S)	5.0	Cranbrook (S)	11	Greenough (S)	3.3	Irwin (S)	43.1	Yilgarn (S)	45	Canning (C)	13.1
Kojonup (S)	38	Plantagenet (S)	5.1	Wandering (S)	5.0	Beverley (S)	11	East Pilbara (S)	3.3	Albany (C)	43.2	Plantagenet (S)	45	Mingenew (S)	13.1
Albany (C)	38	Menzies (S)	5.0	East Fremantle (T)	4.9	Cockburn (C)	11	Nannup (S)	3.3	Kalamunda (S)	43.3	Goomalling (S)	45	East Fremantle (T)	12.9
Victoria Plains (S)	38	Bridgetown-Greenbushes	4.9	Katanning (S)	4.9	Esperance (S)	11	Koorda (S)	3.2	Mundaring (S)	43.6	Kwinana (T)	43	Goomalling (S)	12.9
Perenjori (S)	38	Dundas (S)	4.9	Canning (C)	4.8	Stirling (C)	11	Mount Marshall (S)	3.2	East Fremantle (T)	43.9	York (S)	43	Moora (S)	12.8
Waroona (S)	38	Roebourne (S)	4.9	Wagin (S)	4.6	Yilgarn (S)	10	Mandurah (C)	3.1	Cue (S)	44.2	Port Hedland (T)	43	Mundaring (S)	12.7
Belmont (C)	38	Donnybrook-Balingup (S)	4.8	Dundas (S)	4.4	Boyup Brook (S)	10	Mingenew (S)	3.0	Carnarvon (S)	44.5	Denmark (S)	42	Dandaragan (S)	12.4
Three Springs (S)	38	Kalamunda (S)	4.8	Manjimup (S)	4.4	Jerramungup (S)	10	Nungarin (S)	3.0	Donnybrook-Balingup (S)	44.5	Bridgetown-Greenbushes (S)	42	Wyndham-East Kimberley (S)	12.4
Mullewa (S)	38	Pingelly (S)	4.8	Kellerberrin (S)	4.2	Meekatharra (S)	10	Shark Bay (S)	3.0	Mullewa (S)	44.6	Roebourne (S)	41	Cranbrook (S)	12.3
Mount Magnet (S)	37	South Perth (C)	4.7	Coorow (S)	4.2	Donnybrook-Balingup (S)	10	Kent (S)	2.9	Toodyay (S)	44.9	Geraldton (C)	41	Quairading (S)	12.3
Northam (T)	37	Merredin (S)	4.6	Kalamunda (S)	4.2	Williams (S)	10	Quairading (S)	2.9	Wongan-Ballidu (S)	45.2	Manjimup (S)	41	Gnowangerup (S)	12.2
Collie (S)	37	Coolgardie (S)	4.2	South Perth (C)	4.2	Cunderdin (S)	10	Upper Gascoyne (S)	2.9	Murray (S)	45.2	Northampton (S)	40	Merredin (S)	12.2
Augusta-Margaret River (S)	37	Katanning (S)	4.1	Roebourne (S)	4.1	Dowerin (S)	10	Three Springs (S)	2.9	Waroona (S)	45.5	Coorow (S)	40	Perth (C)	11.9
Tammin (S)	35	Wandering (S)	4.1	Narrogin (T)	4.1	Moora (S)	10	Victoria Plains (S)	2.9	Bridgetown-Greenbushes (S)	45.7	Northam (S)	40	Dowerin (S)	11.8
Esperance (S)	35	Boyup Brook (S)	4.0	Boddington (S)	4.0	Boddington (S)	10	Rockingham (C)	2.9	Coorow (S)	46.0	Waroona (S)	36	Dardanup (S)	11.6
Busselton (S)	35	Manjimup (S)	4.0	Boyup Brook (S)	3.9	Cuballing (S)	10	Harvey (S)	2.9	Collie (S)	46.4	Carnarvon (S)	36	Kojonup (S)	11.6
Chapman Valley (S)	35	Quairading (S)	4.0	Merredin (S)	3.8	Chapman Valley (S)	10	Beverley (S)	2.8	Denmark (S)	46.5	Armadale (C)	36	Capel (S)	11.3
Rockingham (C)	34	Wagin (S)	4.0	Chittering (S)	3.8	Kojonup (S)	10	Lake Grace (S)	2.8	Chittering (S)	47.2	Shark Bay (S)	35	Kalamunda (S)	11.1
Manjimup (S)	34	Ravensthorpe (S)	3.9	Cambridge (T)	3.8	Chittering (S)	10	Wongan-Ballidu (S)	2.8	Gingin (S)	47.6	Donnybrook-Balingup (S)	33	Serpentine-Jarrahdale (S)	11.1

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Katanning (S)	34	Chittering (S)	3.8	Peppermint Grove (S)	3.8	Broome (S)	10	Carnamah (S)	2.8	Woodanilling (S)	48.2	Murray (S)	33	Koorda (S)	11.0
Carnamah (S)	34	Melville (C)	3.8	Subiaco (C)	3.8	Broomehill (S)	10	Plantagenet (S)	2.8	Cambridge (T)	48.2	Chapman Valley (S)	33	Wanneroo (C)	11.0
Coorow (S)	34	Narrogin (T)	3.8	Coolgardie (S)	3.7	Northam (S)	10	Vincent (T)	2.7	Nannup (S)	48.5	Coolgardie (S)	33	Bruce Rock (S)	10.8
Chittering (S)	34	Wyalkatchem (S)	3.8	Narrogin (S)	3.7	Three Springs (S)	10	Melville (C)	2.7	Exmouth (S)	48.7	Dandaragan (S)	32	Broomehill (S)	10.3
Narrogin (T)	34	East Pilbara (S)	3.6	Joondalup (C)	3.7	Victoria Park (T)	10	Kojonup (S)	2.7	Dandaragan (S)	48.8	Esperance (S)	31	Melville (C)	9.9
Bunbury (C)	33	Goomalling (S)	3.6	Moora (S)	3.5	Wiluna (S)	10	Dalwallinu (S)	2.6	Ravensthorpe (S)	48.9	Albany (C)	31	Tammin (S)	9.9
Shark Bay (S)	33	Koorda (S)	3.6	Melville (C)	3.5	York (S)	10	Kulin (S)	2.6	Mingenew (S)	49.2	Toodyay (S)	31	Wickepin (S)	9.8
Bassendean (T)	33	Cambridge (T)	3.5	Nungarin (S)	3.4	Greenough (S)	10	Bruce Rock (S)	2.6	Melville (C)	49.6	Gingin (S)	30	South Perth (C)	9.7
Fremantle (C)	33	Cuballing (S)	3.5	Quairading (S)	3.3	Mukinbudin (S)	9	Denmark (S)	2.5	Claremont (T)	49.6	Mandurah (C)	27	Mount Magnet (S)	9.6
Williams (S)	32	Cunderdin (S)	3.5	Ravensthorpe (S)	3.3	Gnowangerup (S)	9	Waroona (S)	2.5	Cottesloe (T)	49.7	Bassendean (T)	27	Port Hedland (T)	9.5
Meekatharra (S)	32	Peppermint Grove (S)	3.5	Wyalkatchem (S)	3.3	Victoria Plains (S)	9	York (S)	2.4	Plantagenet (S)	49.9	Gosnells (C)	26	Mukinbudin (S)	9.3
Wyndham-East Kimberley (S)	32	Subiaco (C)	3.5	East Pilbara (S)	3.3	Swan (C)	9	Cranbrook (S)	2.4	Kondinin (S)	50.0	Boddington (S)	26	Corrigin (S)	9.2
Armadale (C)	32	Joondalup (C)	3.5	Koorda (S)	3.3	Toodyay (S)	9	Narembeen (S)	2.3	Morawa (S)	50.2	Derby-West Kimberley (S)	26	Wongan-Ballidu (S)	9.1
Victoria Park (T)	32	Narrogin (S)	3.3	Wickepin (S)	3.3	Busselton (S)	9	Ravensthorpe (S)	2.3	Cranbrook (S)	50.4	Belmont (C)	26	Subiaco (C)	9.0
Carnarvon (S)	32	Leonora (S)	3.2	Cuballing (S)	3.2	Harvey (S)	9	Murray (S)	2.3	Dalwallinu (S)	50.6	Bunbury (C)	25	Morawa (S)	8.9
Merredin (S)	31	Bruce Rock (S)	3.1	Goomalling (S)	3.1	Westonia (S)	9	Jerramungup (S)	2.3	Three Springs (S)	51.3	Stirling (C)	25	Nungarin (S)	8.9
Wongan-Ballidu (S)	31	Wickepin (S)	3.1	Cunderdin (S)	3.0	Port Hedland (T)	9	East Fremantle (T)	2.2	Nedlands (C)	51.6	Bayswater (C)	24	Mount Marshall (S)	8.8
Bayswater (C)	31	Boddington (S)	3.0	Leonora (S)	2.9	Dalwallinu (S)	9	Ashburton (S)	2.1	Kojonup (S)	52.4	Harvey (S)	23	Williams (S)	8.7
Moora (S)	31	Nungarin (S)	3.0	Claremont (T)	2.9	Wanneroo (C)	9	Bridgetown-Greenbushes (S)	2.1	Williams (S)	52.7	Mundaring (S)	23	Jerramungup (S)	8.2
Dundas (S)	31	Tambellup (S)	2.8	Gnowangerup (S)	2.9	Wongan-Ballidu (S)	9	Yilgarn (S)	2.1	Mukinbudin (S)	52.8	Rockingham (C)	23	Dalwallinu (S)	8.1
Stirling (C)	30	Wongan-Ballidu (S)	2.8	Cottesloe (T)	2.8	Bridgetown-Greenbushes (S)	9	Tammin (S)	2.0	Cunderdin (S)	53.0	Irwin (S)	23	Woodanilling (S)	8.1
Wanneroo (C)	30	Claremont (T)	2.6	Brookton (S)	2.7	Nannup (S)	9	Wyalkatchem (S)	2.0	Chapman Valley (S)	53.0	Wanneroo (C)	22	Coorow (S)	8.0
Broome (S)	30	Cottesloe (T)	2.6	Tambellup (S)	2.6	Lake Grace (S)	8	Donnybrook-Balingup (S)	2.0	Gnowangerup (S)	53.1	Swan (C)	22	Chittering (S)	7.7
Mingenew (S)	29	Gnowangerup (S)	2.6	Sandstone (S)	2.6	Nungarin (S)	8	Dowerin (S)	2.0	York (S)	53.8	Kalamunda (S)	22	Three Springs (S)	7.6
Dalwallinu (S)	29	Mount Marshall (S)	2.6	Bruce Rock (S)	2.5	Denmark (S)	8	Boyup Brook (S)	1.9	Lake Grace (S)	54.4	Canning (C)	21	Cambridge (T)	7.4
Gosnells (C)	29	Brookton (S)	2.5	Mount Marshall (S)	2.5	Gosnells (C)	8	Broomehill (S)	1.9	Northampton (S)	54.5	Capel (S)	21	Kalgoorlie/Boulder (C)	7.3
Boddington (S)	28	Sandstone (S)	2.5	Corrigin (S)	2.5	Mount Marshall (S)	8	Augusta-Margaret River (S)	1.8	Wagin (S)	54.5	Busselton (S)	21	Kulin (S)	7.3
Cockburn (C)	28	Three Springs (S)	2.5	Nedlands (C)	2.4	Coolgardie (S)	8	Williams (S)	1.8	Jerramungup (S)	54.5	Wyndham-East Kimberley (S)	20	Chapman Valley (S)	7.2
Swan (C)	28	Carnamah (S)	2.4	Wongan-Ballidu (S)	2.3	Serpentine-Jarrahdale (S)	8	Boddington (S)	1.8	Shark Bay (S)	55.0	Cockburn (C)	20	Exmouth (S)	7.1
Harvey (S)	28	Williams (S)	2.4	Perenjori (S)	2.3	Laverton (S)	8	Nedlands (C)	1.8	Dowerin (S)	55.2	Greenough (S)	20	Dumbleyung (S)	7.0
Narrogin (S)	27	Corrigin (S)	2.3	Kojonup (S)	2.2	Canning (C)	8	Coolgardie (S)	1.7	Trayning (S)	55.6	Fremantle (C)	20	Claremont (T)	6.9
Exmouth (S)	27	Dalwallinu (S)	2.2	Williams (S)	2.1	Wandering (S)	8	Northampton (S)	1.7	Koorda (S)	55.7	Joondalup (C)	19	Boddington (S)	6.8
Canning (C)	27	Nedlands (C)	2.2	Morawa (S)	2.1	Ashburton (S)	8	Kalamunda (S)	1.7	Boyup Brook (S)	55.8	Chittering (S)	19	Dundas (S)	6.7
Greenough (S)	27	Morawa (S)	2.1	Cranbrook (S)	2.1	Perenjori (S)	7	Morawa (S)	1.6	Goomalling (S)	55.9	Victoria Park (T)	19	Perenjori (S)	6.7
Serpentine-Jarrahdale (S)	25	Westonia (S)	2.1	West Arthur (S)	2.1	Capel (S)	7	Capel (S)	1.4	Quairading (S)	56.1	Augusta-Margaret River (S)	19	Westonia (S)	6.7
Capel (S)	25	Cranbrook (S)	2.0	Kondinin (S)	2.0	Rockingham (C)	7	Mundaring (S)	1.3	Tambellup (S)	56.5	Dardanup (S)	19	Peppermint Grove (S)	6.6
Mundaring (S)	25	Kojonup (S)	2.0	Jerramungup (S)	2.0	Armadale (C)	7	Toodyay (S)	1.3	Corrigin (S)	56.7	Exmouth (S)	19	Carnamah (S)	6.1
Vincent (T)	25	Yilgarn (S)	2.0	Dowerin (S)	1.9	Kalgoorlie/Boulder (C)	7	Dundas (S)	1.2	Victoria Plains (S)	56.9	Serpentine-Jarrahdale (S)	18	Cottesloe (T)	6.1
Perth (C)	25	Kondinin (S)	1.9	Three Springs (S)	1.8	Roebourne (S)	7	Dandaragan (S)	1.0	Pingelly (S)	56.9	Melville (C)	17	Shark Bay (S)	6.1
Kalamunda (S)	24	Woodanilling (S)	1.9	Dalwallinu (S)	1.8	East Fremantle (T)	7	Cottesloe (T)	1.0	Nungarin (S)	57.0	Mosman Park (T)	16	Roebourne (S)	5.9
Dardanup (S)	24	Ashburton (S)	1.8	Carnamah (S)	1.6	Woodanilling (S)	7	Dardanup (S)	0.9	Tammin (S)	57.1	East Fremantle (T)	15	Nedlands (C)	5.8
South Perth (C)	24	Perenjori (S)	1.8	Ashburton (S)	1.6	Dardanup (S)	7	West Arthur (S)	0.9	Wyalkatchem (S)	57.3	South Perth (C)	14	Narembeen (S)	5.6
Melville (C)	23	West Arthur (S)	1.7	Mukinbudin (S)	1.6	Mundaring (S)	7	Coorow (S)	0.8	Beverley (S)	57.5	Vincent (T)	14	Cue (S)	5.5

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Mosman Park (T)	23	Jerramungup (S)	1.6	Westonia (S)	1.5	Melville (C)	6	Joondalup (C)	0.8	Kellerberrin (S)	57.5	Subiaco (C)	13	West Arthur (S)	5.4
East Pilbara (S)	23	Narembeen (S)	1.6	Yilgarn (S)	1.5	Leonora (S)	6	Claremont (T)	0.7	Westonia (S)	57.7	Cambridge (T)	13	Yalgoo (S)	5.3
Yilgarn (S)	22	Dowerin (S)	1.5	Woodanilling (S)	1.5	Augusta-Margaret River (S)	6	Gingin (S)	0.6	Kent (S)	59.0	Claremont (T)	12	Meekatharra (S)	5.2
East Fremantle (T)	21	Lake Grace (S)	1.5	Narembeen (S)	1.5	Kent (S)	6	Cambridge (T)	0.4	Cuballing (S)	59.0	Narrogin (S)	11	Trayning (S)	5.1
Joondalup (C)	19	Kulin (S)	1.4	Kulin (S)	1.4	Kalamunda (S)	6	Serpentine-Jarrahdale (S)	0.3	Peppermint Grove (S)	60.0	Kalgoorlie/Boulder (C)	10	Kent (S)	5.0
Subiaco (C)	18	Mukinbudin (S)	1.4	Dumbleyung (S)	1.4	Perth (C)	6	Chapman Valley (S)	0.0	Kulin (S)	60.1	Broome (S)	10	Kondinin (S)	5.0
Kalgoorlie/Boulder (C)	17	Dumbleyung (S)	1.3	Victoria Plains (S)	1.1	Carnamah (S)	6	Chittering (S)	0.0	Mount Marshall (S)	60.2	Nedlands (C)	9	Lake Grace (S)	4.5
Coolgardie (S)	17	Victoria Plains (S)	1.1	Lake Grace (S)	1.0	Narrogin (S)	5	Cuballing (S)	0.0	Bruce Rock (S)	60.2	Cottesloe (T)	9	East Pilbara (S)	4.0
Claremont (T)	17	Trayning (S)	0.7	Trayning (S)	0.7	Mosman Park (T)	5	Menzies (S)	0.0	Brookton (S)	60.3	Perth (C)	8	Coolgardie (S)	3.8
Leonora (S)	17	Kent (S)	0.5	Kent (S)	0.5	South Perth (C)	5	Narrogin (S)	0.0	West Arthur (S)	60.9	Peppermint Grove (S)	8	Menzies (S)	3.7
Nedlands (C)	15					Cambridge (T)	5	Ngaanyatjarraku (S)	0.0	Narembeen (S)	61.9	Ngaanyatjarraku (S)	0	Laverton (S)	3.2
Port Hedland (T)	15					Joondalup (C)	4	Peppermint Grove (S)	0.0	Dumbleyung (S)	62.5	Sandstone (S)	0	Victoria Plains (S)	3.0
Cambridge (T)	15					Nedlands (C)	4	Perenjori (S)	0.0	Narrogin (S)	62.7			Wiluna (S)	2.5
Cottesloe (T)	12					Subiaco (C)	4	Sandstone (S)	0.0	Wandering (S)	63.6			Leonora (S)	2.3
Roebourne (S)	11					Claremont (T)	3	Wandering (S)	0.0	Perenjori (S)	63.8			Yilgarn (S)	2.3
Ashburton (S)	9					Cottesloe (T)	3	Westonia (S)	0.0	Broomehill (S)	64.0			Ashburton (S)	2.2
Peppermint Grove (S)	9					Peppermint Grove (S)	1	Woodanilling (S)	0.0	Wickepin (S)	66.2			Sandstone (S)	1.2

Source: ABS (2001), Department of Employment and Workplace Relations (2002) and Bray & Mudd (1998)

NB: The 'Unemployment Jun 2002' and 'Unemployment Dec 2002' indicators are comprised of 135 LGAs only due to data unavailability for 7 of the LGAs. The 'Monthly housing loan payments (<\$600)' indicator is comprised of 137 LGAs only due to 5 LGAs without housing loan data.