



# Goldfields - Esperance Traffic Digest

2014/15 - 2019/20







# Information Sheet

## Traffic Digest

### Overview

This report summarises the average number of vehicles and heavy vehicles travelling at locations within Western Australia. Traffic volumes and percentage of heavy vehicles are provided for the latest available six years.

Main Roads undertakes traffic counting throughout Western Australia. Strategic locations are monitored on a continuous basis and are referred to as Network Performance Sites (NPS). Sampling of the wider network is performed using portable equipment over a short period. Although many Local Government roads are counted the focus is on providing information about the State road network.

### Using the report

The traffic volumes in this report are expressed as the average number of vehicles at each location on a typical weekday (Monday to Friday) for the metropolitan area, and a typical day (Monday to Sunday) for regions outside the metropolitan area.

Where sufficient information is available from continuous monitoring sites the short term samples can be adjusted to remove the effect of seasonal variation.

If multiple counts have occurred at the same location within a given year, for example before and after a network change, only the latest count is used.

The count type may vary at the location between axle counts and classification counts. Axle counts record the number of axle hits at a site divided by two. This method gives an indicative number of vehicles, assuming all vehicles have only two axles. Locations where axle counts are used are those where there is very little freight movement.

Classification counts detect the axle configuration of each vehicle and determine the type of vehicle being counted (using the [AustRoads 1994 Classification Scheme](#)). This method of counting gives the actual number of vehicles at the location and can be identified in the report by the presence of a value in the right column of each year. This value is the proportion of heavy vehicles (which include buses, trucks and road trains). Speed information can also be obtained from these collections.

Changes to the road network may affect traffic volumes. For example, the extension of a freeway or closure of a road may affect traffic behaviour on surrounding roads. To assist in identifying these a list of major network changes is included at the end of the report. This list is not exhaustive and is predominantly changes to roads managed by Main Roads Western Australia (known as state roads).

Public holidays are excluded and vehicles numbers are rounded to the nearest ten. All years reported are financial years, commencing 1 July and ending 30 June. The State is divided for reporting using [Main Roads regions](#) or Local Government boundaries.

### Further information

If you require further information please email [reportingcentre@mainroads.wa.gov.au](mailto:reportingcentre@mainroads.wa.gov.au) or telephone 08 9323 4653 (9am to 5pm, Monday to Friday)



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### Report Sample

| South West             |                            | 2004/05    | 2005/06     | 2006/07    |
|------------------------|----------------------------|------------|-------------|------------|
| Road Name              | Location                   |            |             |            |
| Peelwood Pde           | N of Old Coast Rd          |            |             |            |
| Pemberton NorthLife Rd | S of Vasco Hwy             |            |             |            |
|                        | N of Rifle Range Rd        |            |             |            |
|                        | N of Richardson Rd         |            |             |            |
| Penn St                | W of South Western Hwy     | 370 5.0    | 420 4.6     | 400 5.5    |
| Peppermint Grove Rd    | E of Old Coast Rd          |            |             | 200 13.2   |
| Perup Rd               | E of South Western Hwy     |            | 1 730 4.5   | 1 740 5.6  |
| Phillips St            | E of Hampton St            |            | 660 3.3     |            |
| Plavinski Rd           | S of Coalfields Rd         | 320 12.4   |             |            |
| Pingara Rd             | E of Mandurah Rd           |            | 25 770      | 22 030     |
|                        | E of Lakes Rd              |            |             |            |
|                        | W of Rio Grande Av         | 21 090 3.9 |             |            |
|                        | E of Riverside Rd          |            | 19 710      |            |
|                        | E of Rensijn Rd            | 15 280 5.0 | 17 110 7.0  | 17 140 7.9 |
|                        | W of Webster Wy            | 19 070 4.9 |             |            |
|                        | W of Tankin Cr             | 13 960 5.9 |             |            |
|                        | E of Tankin Cr             | 13 130 6.0 |             |            |
|                        | At Ravenswood Bridge       | 12 580     | 11 130 5.5  | 13 620 5.9 |
|                        | E of Flagant Rd            |            | 12 510 6.4  |            |
|                        | E of Jolly Rambler Blvd    | 11 550 6.1 |             |            |
|                        | W of George St             |            | 8 960 8.1   | 9 630 7.8  |
|                        | W of Choll St              |            |             |            |
|                        | W of Anstruther Rd         |            | 2 820 17.2  | 2 550 18.0 |
|                        | E of Anstruther Rd         |            |             |            |
|                        | W of Mandurah Rd           |            |             |            |
| Pingara Williams Rd    | S of South Western Hwy     | 2 090 3.8  |             |            |
|                        | S of Satter St             | 9 940 3.2  |             |            |
|                        | E of Napier Rd             |            |             |            |
|                        | W of Seap Rd               | 2 760 7.0  | 2 410 6.5   | 2 030 8.0  |
|                        | E of Farley Rd             |            |             |            |
|                        | W of Nanga Brook Rd        | 10 020     | 6 610 3.5   | 6 980      |
|                        | E of Nanga Brook Rd        | 7 930      |             |            |
|                        | E of Plant Access Rd       |            |             |            |
|                        | W of Bannister Mandong Rd  |            | 10 670 10.8 |            |
|                        | E of Bannister Mandong Rd  |            |             |            |
|                        | N of Chernys Rd            |            | 14 120 8.4  |            |
| Pollard Rd             | W of Bannister Rd          |            | 750 4.1     | 690 7.9    |
| Prinsep St             | N of Rowlands Lake King Rd | 3 670 2.8  |             |            |
| Pritchard St           | W of South Western Hwy     |            | 3 150 5.4   | 3 450 6.1  |
| Beach Rd               | W of Jan                   | 2 110 10.5 | 2 080 11.6  | 2 090 11.4 |
| Beela Rd               | E of Sou                   | 1 660 4.3  |             |            |
| Binningup Rd           | W of Ol                    | 1 510 18.2 |             |            |
| Blackwood Av           | N of Ell                   | 3 510 2.6  | 3 840 3.8   |            |
| Blackwood Rd           | S of Sou                   | 2 710 7.8  | 3 090 5.8   | 3 500 8.2  |

### Seasonal Adjustment

Years with this symbol cannot be adjusted to remove the effect of seasonal variation. The volumes reported are from samples taken over a short period and may not represent typical behaviour.

### Continuous Monitoring

Network Performance Sites (NPS) provide continuous monitoring, 24 hours a day, 7 days a week.

### Percentage of Heavy Vehicles

Classification counts record the composition of the traffic and the percentage of heavy vehicles is shown on the report where a count of this type has been used.

### Traffic Statistics

The traffic volumes can be calculated to represent the average number of vehicles on a weekday (Monday to Friday, M-F) or daily (Monday to Sunday, M-S).

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| Road Name                | Location   | 2014/15    | 2015/16    | 2016/17    | 2017/18    | 2018/19    | 2019/20 |
|--------------------------|--|------------|------------|------------|------------|------------|---------|
| <b>A</b>                 |  |            |            |            |            |            |         |
| Anzac Dr                 | W of Goldfields Hwy <span>NPS</span>             |            |            |            |            | 1 580 51.3 |         |
|                          | W of Goldfields Hwy                              |            |            |            | 1 770 41.1 |            |         |
| <b>B</b>                 |  |            |            |            |            |            |         |
| Bayley St                | W of Lyon St                                     |            |            |            | 1 590 25.9 | 1 370 41.1 |         |
| <b>C</b>                 |  |            |            |            |            |            |         |
| Coolgardie Esperance Hwy | N of Goldfields Hwy <span>NPS</span>             | 350 50.7   | 380 52.5   | 430 49.8   | 400 53.4   | 400 54.0   |         |
|                          | S of Kingswood St (North)                        |            |            |            | 680 44.8   | 810 40.2   |         |
|                          | S of Mitel Mine Rd                               |            |            |            | 750 39.7   |            |         |
|                          | N of Haul Rd (Chalice Mine)                      |            |            |            | 680 43.4   |            |         |
|                          | N of Eyre Hwy <span>NPS</span>                   | 630 39.9   | 640 40.8   | 680 43.9   | 710 45.7   | 700 46.9   |         |
|                          | S of Delamotte Dr                                |            |            |            | 450 30.3   |            |         |
|                          | S of Eyre Hwy <span>NPS</span>                   | 350 19.9   | 370 22.7   | 400 30.2   | 480 34.0   | 500 38.1   |         |
|                          | N of Dundas Rocks Rd                             |            |            |            | 550 31.9   |            |         |
|                          | S of Kumarl Lake King Rd                         |            |            |            |            | 320 32.1   |         |
|                          | N of Starcevic Rd                                |            | 420 31.8   |            | 570 27.4   | 480 34.7   |         |
|                          | S of Boydell Rd                                  |            |            |            | 600 23.7   |            |         |
|                          | N of Gibson Dalup Rd <span>NPS</span>            | 720 24.1   | 790 26.5   | 800 28.3   | 830 27.3   | 790 35.0   |         |
|                          | S of Melijnup Rd                                 |            |            |            | 2 250 22.8 |            |         |
|                          | S of South Coast Hwy                             |            |            |            |            | 4 640 12.7 |         |
| <b>D</b>                 |  |            |            |            |            |            |         |
| Dwyer St                 | E of Lionel St                                   |            |            |            | 310 4.2    | 300 3.3    |         |
| <b>E</b>                 |  |            |            |            |            |            |         |
| Egan St                  | N of Lionel St                                   | 2 630 3.8  |            |            | 3 430 5.0  | 3 810 5.2  |         |
| Eyre Hwy                 | E of Pritchard Dr                                |            | 620 30.4   |            |            |            |         |
|                          | E of Mount Monger South Rd                       |            |            |            | 490 47.8   | 530 49.3   |         |
|                          | W of Fraser Range Rd                             |            |            |            | 520 41.1   |            |         |
|                          | W of Balladonia Roadhouse                        |            |            |            |            | 480 51.4   |         |
|                          | E of Balladonia Rd                               |            | 440 46.1   |            |            |            |         |
|                          | W of Caiguna Roadhouse                           |            |            |            | 590 39.0   |            |         |
|                          | W of Eyre Bird Observatory Rd                    |            |            |            | 490 39.8   |            |         |
|                          | W of Mundrabilla Roadhouse                       |            |            |            | 500 36.1   |            |         |
|                          | E of Eucla Telegraph Station Rd <span>NPS</span> |            |            |            |            | 470 44.2   |         |
| <b>F</b>                 |  |            |            |            |            |            |         |
| Forrest St               | S of Lionel St                                   | 1 500 13.4 |            |            | 1 220 8.1  | 1 100 17.1 |         |
| <b>G</b>                 |  |            |            |            |            |            |         |
| Goldfields Hwy           | E of Coolgardie Esperance Hwy                    |            | 620 23.9   |            |            |            |         |
|                          | W of Atriplex Rd                                 |            |            |            | 1 940 13.7 |            |         |
|                          | W of Tip Rd (Kambalda)                           |            |            |            | 2 870 13.2 | 2 660 23.4 |         |
|                          | N of Durkin Rd                                   |            | 1 830 16.7 |            | 1 820 19.1 | 1 780 29.7 |         |
|                          | N of Kambalda <span>NPS</span>                   | 1 840 19.4 | 1 850 19.7 | 1 840 20.2 | 1 870 21.3 | 1 850 21.6 |         |
|                          | N of Smelterman Dr                               |            |            |            | 2 300 18.6 |            |         |
|                          | S of Mount Monger Rd                             |            |            |            |            | 1 870 36.4 |         |
|                          | N of Mount Monger Rd                             |            |            |            | 2 240 29.2 | 2 320 28.3 |         |
|                          | N of Burt St                                     |            | 4 080 18.8 |            |            |            |         |
|                          | S of Hannan St                                   |            |            | 6 270 13.7 |            |            |         |

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| Road Name                | Location                       | 2014/15    | 2015/16    | 2016/17    | 2017/18    | 2018/19    | 2019/20 |
|--------------------------|--------------------------------|------------|------------|------------|------------|------------|---------|
|                          | N of Hannan St                 |            |            |            | 4 750 13.1 |            |         |
|                          | N of Tourist Mine Access Rd    |            | 1 510 28.2 |            |            | 1 430 26.6 |         |
|                          | S of Gidji Roaster Access Rd   |            | 1 310 31.9 |            |            |            |         |
|                          | S of Broadarrow Ora Banda Rd   |            |            |            | 960 37.0   | 890 37.9   |         |
|                          | S of Yunndaga Rd               |            | 510 35.2   |            |            |            |         |
|                          | N of Kookynie Rd               |            |            | 530 44.5   |            |            |         |
|                          | S of Old Agnew Rd              |            |            |            | 490 40.7   |            |         |
|                          | N of Old Agnew Rd              |            |            |            |            | 570 35.8   |         |
|                          | N of Tarmoola Mine Access Rd   |            |            | 380 32.8   |            |            |         |
|                          | N of Darlot Rd                 |            |            |            | 250 49.6   |            |         |
|                          | S of Agnew Leinster Rd         |            |            |            |            | 310 44.1   |         |
|                          | N of Agnew Leinster Rd (South) |            | 220 55.4   |            |            |            |         |
|                          | N of Leinster NPS              | 170 58.9   | 210 58.4   | 180 58.0   | 180 54.3   | 190 62.4   |         |
|                          | S of Bellvue Gold Access Rd    |            |            | 190 43.2   |            |            |         |
|                          | N of Yakabindie Rd             |            |            |            | 150 55.5   |            |         |
|                          | N of Mount Keith Village       |            |            |            |            | 300 39.0   |         |
|                          | N of Mount Keith               |            | 40 30.0    |            |            |            |         |
|                          | S of Sandstone Wiluna Rd       |            |            | 170 24.1   |            |            |         |
|                          | W of Yandil Rd                 |            | 40 27.5    | 40 29.7    |            |            |         |
| Great Eastern Hwy        | W of Ryans Find Rd             |            | 910 41.0   |            | 1 040 39.6 | 1 280 34.4 |         |
|                          | W of Coolgardie NPS            | 1 090 37.9 | 1 080 40.6 | 1 150 40.3 | 1 140 41.6 | 1 110 41.4 |         |
|                          | W of Lyon St                   |            |            |            | 1 590 25.9 | 1 370 41.1 |         |
|                          | E of Coolgardie Esperance Hwy  |            |            |            | 1 610 21.7 |            |         |
|                          | E of Carins Rd NPS             |            |            |            |            | 1 700 25.5 |         |
|                          | W of Kundana Rd                |            | 1 680 19.5 |            |            |            |         |
|                          | E of Anzac Dr                  |            | 3 190 20.5 |            |            |            |         |
|                          | E of Atbara St                 |            |            |            | 8 090 14.6 | 7 740 25.1 |         |
|                          | W of Cassidy St South          |            | 8 270 6.6  |            |            |            |         |
|                          | E of Wilson St NPS             |            |            |            |            | 8 650 8.4  |         |
| <b>H</b>                 |                                |            |            |            |            |            |         |
| Hannan St                | W of Cassidy St South          |            | 8 270 6.6  |            |            |            |         |
| Harbour Rd               | W of Norseman Rd               |            |            |            | 3 310 15.1 |            |         |
|                          | S of South Coast Hwy           |            |            |            |            | 4 640 12.7 |         |
| <b>J</b>                 |                                |            |            |            |            |            |         |
| Johnston St              | E of Gatacre Dr                |            |            |            | 4 290 3.9  | 4 140 6.8  |         |
| <b>L</b>                 |                                |            |            |            |            |            |         |
| Laverton Leonora Rd      | E of Main Reef Rd              |            | 360 40.5   |            |            |            |         |
|                          | W of Kookynie Malcolm Rd       |            |            |            | 410 32.8   |            |         |
|                          | E of Kookynie Malcolm Rd       |            |            |            | 350 50.3   |            |         |
|                          | E of Mt Margaret Mission       |            |            |            | 200 48.5   |            |         |
|                          | E of Windarra Mine Rd          |            |            |            | 210 46.4   |            |         |
|                          | E of Great Central Rd          |            |            |            | 220 34.5   |            |         |
| Leonora Laverton Rd      | E of Goldfields Hwy NPS        |            |            |            |            | 320 43.9   |         |
| <b>M</b>                 |                                |            |            |            |            |            |         |
| Maxwell St               | N of Beston St                 |            |            |            | 3 200 3.4  | 3 200 7.1  |         |
| Mount Magnet Leinster Rd | W of Goldfields Hwy NPS        |            |            |            |            | 370 33.9   |         |

# Goldfields - Esperance

| Road Name       | Location                      | 2014/15 | 2015/16    | 2016/17 | 2017/18    | 2018/19   | 2019/20 |
|-----------------|-------------------------------|---------|------------|---------|------------|-----------|---------|
| <b>P</b>        |                               |         |            |         |            |           |         |
| Piccadilly St   | W of Chapple St               |         |            |         | 4 920 3.3  | 5 720 9.2 |         |
| Pink Lake Rd    | W of John St                  |         |            |         |            | 7 100 4.4 |         |
| Prinsep St      | N of Alsopp St                |         | 620 17.9   |         |            |           |         |
| <b>S</b>        |                               |         |            |         |            |           |         |
| Shenton St      | N of Rubbish Tip Rd (Menzies) |         | 460 40.7   |         |            |           |         |
| South Coast Hwy | E of Napier Rd                |         |            |         | 1 270 33.3 |           |         |
|                 | W of Harbour Rd               |         | 2 190 17.0 |         |            |           |         |
|                 | W of Stokes Rd                |         | 820 34.2   |         |            |           |         |