



# Kimberley Traffic Digest

2020/21 - 2025/26







# 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 Vasse Hwy             |            |             |            |
|                        | N of Rifle Range Rd        |            |             |            |
|                        | N of Richardson Rd         |            |             |            |
| Penn Ct                | 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 Ct            | 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 Flagstaff 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           | 2 090 3.8  |             |            |
| Pingara Williams Rd    | S of South Western Hwy     |            | 9 940 3.2   |            |
|                        | S of Satter St             |            |             |            |
|                        | E of Napier Rd             |            |             |            |
|                        | W of Seap Rd               | 2 760 7.0  | 2 410 6.5   | 2 030 8.0  |
|                        | E of Farley Rd             |            | 10 020      | 6 610 3.5  |
|                        | W of Nanga Brook Rd        |            |             | 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 Ct             | N of Rowlands Lake King Rd | 3 670 2.8  |             |            |
| Pritchard Ct           | W of South Western Hwy     |            | 3 150 5.4   | 3 450 6.1  |
| Beach Rd               | W of Jan                   | 2 110 10.5 | 2 680 11.6  | 2 690 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                                    | 2020/21    | 2021/22    | 2022/23    | 2023/24    | 2024/25    | 2025/26 |
|------------------------|---|------------|------------|------------|------------|------------|---------|
| <b>A</b>               |   |            |            |            |            |            |         |
| Ashley St              | S of Alfonsas St                            | 2 210 19.5 |            | 1 740 6.4  |            |            |         |
| <b>B</b>               |   |            |            |            |            |            |         |
| Broome Cape Leveque Rd | N of Manari Rd <span>NPS</span>             |            |            |            | 610 12.6   | 670 13.3   |         |
|                        | S of Manari Rd                              |            | 310 27.8   |            |            |            |         |
|                        | N of Manari Rd                              |            | 240 15.3   | 300 10.4   |            |            |         |
|                        | W of Beagle Bay Rd <span>NPS</span>         |            |            |            | 210 16.1   | 230 17.0   |         |
|                        | S of Beagle Bay Rd                          | 290 21.9   | 280 22.2   |            |            |            |         |
| Broome Rd              | E of Cape Leveque Rd <span>NPS</span>       | 1 630 15.4 | 1 710 17.2 | 1 740 18.9 | 1 630 21.1 | 1 610 22.2 |         |
|                        | S of Fairway Dr                             | 4 040 19.5 |            | 4 090 14.8 |            |            |         |
|                        | S of Murray Rd                              |            |            | 7 720 21.6 |            |            |         |
|                        | S of Gantheaume Point Rd                    | 3 090 10.3 |            | 2 710 22.6 |            |            |         |
|                        | S of Kavite Rd                              |            |            | 1 810 14.0 |            |            |         |
| <b>C</b>               |   |            |            |            |            |            |         |
| Cable Beach Rd East    | E of Charles Rd                             | 9 810 28.3 |            | 5 720 31.6 |            |            |         |
| <b>D</b>               |   |            |            |            |            |            |         |
| Derby Gibb River Rd    | E of Derby Hwy <span>NPS</span>             | 170 16.3   | 210 19.5   | 230 20.5   | 190 19.1   | 190 19.1   |         |
| Derby Hwy              | N of Great Northern Hwy <span>NPS</span>    | 500 15.2   | 480 17.9   |            | 440 18.7   | 480 20.3   |         |
|                        | S of Russ St                                | 2 840 21.3 |            | 1 710 17.4 |            |            |         |
|                        | S of Wodehouse St                           | 2 920 32.8 |            |            |            |            |         |
| <b>F</b>               |   |            |            |            |            |            |         |
| Frederick St           | W of Herbert St                             | 17 040 2.8 |            | 11 390 6.4 |            |            |         |
| <b>G</b>               |   |            |            |            |            |            |         |
| Gibb River Rd          | W of Adcock St                              |            |            | 660 23.2   |            |            |         |
| Gibb River Wyndham Rd  | W of Great Northern Hwy <span>NPS</span>    |            |            |            | 90 18.8    | 110 17.6   |         |
| Great Northern Hwy     | S of Broome Rd <span>NPS</span>             | 440 26.6   | 470 28.1   | 430 30.0   | 420 32.3   | 390 32.1   |         |
|                        | E of Derby Hwy <span>NPS</span>             |            |            |            | 310 31.8   | 340 32.7   |         |
|                        | W of Derby Hwy <span>NPS</span>             | 580 18.9   | 620 20.9   | 660 24.1   | 640 26.3   | 590 23.3   |         |
|                        | E of Fitzroy Crossing <span>NPS</span>      | 380 17.8   | 400 20.4   | 440 23.2   | 430 25.8   | 400 24.3   |         |
|                        | E of Halls Creek <span>NPS</span>           | 340 21.4   | 360 22.5   | 380 25.1   | 290 23.2   | 300 24.9   |         |
|                        | S of Victoria Hwy <span>NPS</span>          | 360 39.3   | 330 30.2   | 320 28.3   | 300 29.1   | 310 35.7   |         |
|                        | N of Gibb River Wyndham Rd <span>NPS</span> |            |            |            | 250 16.2   | 310 24.8   |         |
| Gubinge Rd             | S of Murray Rd                              |            |            | 7 720 21.6 |            |            |         |
|                        | S of Gantheaume Point Rd                    | 3 090 10.3 |            | 2 710 22.6 |            |            |         |
| Guy St                 | E of Port Dr                                | 11 920 7.2 |            | 7 660 9.2  |            |            |         |
| <b>J</b>               |   |            |            |            |            |            |         |
| Jetty Rd               | 500m W of Elder St                          |            | 1 210 10.2 |            |            |            |         |
| <b>L</b>               |   |            |            |            |            |            |         |
| Lullfitz Dr            | N of Millington Rd                          | 680 20.5   |            | 600 12.2   |            |            |         |
| <b>M</b>               |   |            |            |            |            |            |         |
| Marmion St             | S of Archer St                              | 1 550 12.1 |            | 1 390 7.1  |            |            |         |
| <b>P</b>               |   |            |            |            |            |            |         |
| Pembroke Rd            | N of Dickson St                             |            |            | 950 12.6   |            |            |         |
| Port Dr                | S of Clementson St                          | 4 900 26.4 |            | 3 780 14.2 |            |            |         |

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| Road Name    | Location                | 2020/21      | 2021/22  | 2022/23    | 2023/24  | 2024/25  | 2025/26 |
|--------------|-------------------------|--------------|----------|------------|----------|----------|---------|
|              | S of Kavite Rd          |              |          | 1 810 14.0 |          |          |         |
| <b>R</b>     |                         |              |          |            |          |          |         |
| Reid Rd      | S of De Marchi Rd       | 4 330 17.0   |          | 3 070 9.1  |          |          |         |
| <b>V</b>     |                         |              |          |            |          |          |         |
| Victoria Hwy | E of Great Northern Hwy | NPS 660 18.2 | 720 18.0 | 730 19.7   | 660 19.9 | 640 20.1 |         |
|              | W of Nt Border          | NPS          |          |            | 180 24.9 | 230 27.8 |         |