



Goldfields - Esperance Traffic Digest

2019/20 - 2024/25





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 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 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	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	2 080 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).

Goldfields - Esperance

Road Name	Location		2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
A								
Anzac Dr	W of Goldfields Hwy	NPS	1 550 51.9	1 700 52.2	1 730 51.3	1 770 51.3	1 840 51.3	1 970 53.9
B								
Bayley St	W of Lyon St			1 520 40.3		1 440 43.3		1 410 44.3
Black St	E of Harbour Rd					2 270 6.6		
Brazier St	E of Harbour Rd					1 550 17.2		1 560 14.3
C								
Collier Rd	S of South Coast Hwy		280 18.8					
Coolgardie Esperance Hwy	S of Great Eastern Hwy	NPS				580 59.8	630 65.1	570 67.2
	N of Goldfields Hwy	NPS	380 55.2	430 66.4	570 65.5	540 60.1	590 63.6	550 63.9
	S of Kingswood St (North)			970 57.8		960 51.8		960 54.4
	N of Eyre Hwy	NPS	660 45.3	620 51.0	700 54.2	810 48.9	860 53.0	810 52.0
	S of Eyre Hwy	NPS	420 32.8	400 30.2	400 29.9	600 34.9	660 38.0	610 37.7
	N of Starceovich Rd			510 40.9		550 32.0		540 31.9
	N of Gibson Dalup Rd	NPS	750 35.7	750 38.4	770 39.4	860 38.7	840 39.9	840 38.5
	S of Lake Rd					2 500 18.5		
	S of South Coast Hwy	NPS				5 430 20.4	5 610 20.6	5 600 19.9
	N of Esperance Port	NPS				3 430 22.5	3 640 21.9	3 600 21.0
	S of Mungan St					3 200 24.2		
D								
Dwyer St	E of Lionel St			310 9.2		300 4.0		290 10.9
E								
Egan St	N of Lionel St			4 200 5.4		4 580 4.8		4 940 8.1
Eyre Hwy	E of Norseman	NPS		420 68.7	460 69.6	660 56.3	700 58.3	690 58.9
	E of Mount Monger South Rd					640 56.7		700 57.9
	E of Eucla Telegraph Station Rd	NPS	490 43.7	370 62.2	460 62.3	660 49.8	670 51.0	660 50.9
F								
Forrest St	S of Lionel St			1 110 18.3		1 050 7.6		1 080 15.1
G								
Goldfields Hwy	N of Goldfields Esperance Hwy	NPS				670 36.2	670 36.5	630 34.0
	W of Tip Rd (Kambalda)			3 050 13.9		3 070 12.0		2 910 25.6
	N of Durkin Rd			1 910 21.0		1 870 17.4		1 820 21.9
	N of Kambalda	NPS	1 810 22.1	1 860 20.9	1 970 22.7	2 020 24.4	1 960 25.2	1 970 24.4
	N of Mount Monger Rd			2 450 38.9		2 090 34.1		2 260 41.3
	N of Tourist Mine Access Rd			1 940 37.6		1 640 28.0		1 660 39.6
	S of Broadarrow Ora Banda Rd			880 40.6		780 36.7		930 39.5
	S of Leonora	NPS				590 50.0	540 49.4	590 52.7
	N of Leonora	NPS				450 54.2	460 55.5	510 59.2
	N of Leinster	NPS	200 67.5	180 67.8		370 70.5	440 77.7	410 79.4
Great Eastern Hwy	E of Southern Cross	NPS				1 370 50.1	1 460 52.2	1 390 50.5
	W of Ryans Find Rd							1 250 47.6
	W of Coolgardie	NPS	1 130 40.3	1 190 43.0	1 240 47.1	1 360 45.7	1 360 47.9	1 370 48.7
	W of Lyon St			1 520 40.3		1 440 43.3		1 410 44.3
	E of Carins Rd	NPS	1 790 25.6	1 930 26.7	2 010 26.7	2 100 27.7	2 110 28.7	2 230 30.3
	E of Atbara St			8 460 18.9		8 850 10.7		9 510 19.4
	E of Wilson St	NPS	8 630 8.6	8 880 8.4	8 320 9.4	8 020 10.3	8 090 10.9	8 190 11.9

Goldfields - Esperance

Road Name	Location	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
H							
Harbour Rd	S of Mungan St				3 200 24.2		
Hearn St	W of Harbour Rd		1 980 3.6		2 430 5.5		
Hill St	S of Harbour				1 000 25.7		
J							
Johnston St	E of Gatacre Dr		3 450 9.4		3 430 5.0		4 040 9.3
L							
Leonora Laverton Rd	E of Goldfields Hwy NPS	300 44.7	350 44.1	350 46.2	350 45.3	340 44.6	470 49.0
M							
Maxwell St	N of Beston St		3 420 9.6		3 230 3.2		3 490 6.5
McDonald Rd	S of South Coast Hwy				590 35.7		480 52.3
Mount Magnet Leinster Rd	W of Goldfields Hwy NPS	260 42.6	260 45.2	320 53.4	310 54.8	350 64.3	270 59.2
Mungan St	W of Padbury St	1 710 7.0					
	E of Harbour Rd				1 770 8.3		1 530 13.6
P							
Piccadilly St	W of Chapple St		6 000 15.7		5 510 6.1		5 420 10.0
S							
Shelden Rd	E of Harbour Rd				3 740 13.9		
Smelterman Dr	W of Goldfields Hwy						130 12.0
South Coast Hwy	E of Neds Corner Rd NPS				900 46.6	990 38.0	1 000 36.4
	W of Coolgardie Esperance Hwy NPS				1 260 39.8	1 400 35.3	1 390 34.2
	W of Harbour Rd				2 450 25.5		