



Goldfields - Esperance Traffic Digest

2018/19 - 2023/24





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)



Information Sheet

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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 Bvd	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 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).

Goldfields - Esperance

Road Name	Location	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
A							
Anzac Dr	W of Goldfields Hwy NPS	1 580 51.3	1 550 51.9	1 700 52.2	1 730 51.3	1 770 51.3	1 820 51.2
B							
Bayley St	W of Lyon St	1 370 41.1		1 520 40.3		1 440 43.3	
Black St	E of Harbour Rd					2 270 6.6	
Brazier St	E of Harbour Rd					1 550 17.2	
C							
Collier Rd	S of South Coast Hwy		280 18.8				
Coolgardie Esperance Hwy	S of Great Eastern Hwy NPS					580 59.8	630 62.4
	N of Goldfields Hwy NPS	400 54.0	380 55.2	430 66.4	570 65.5	540 60.1	580 63.0
	S of Kingswood St (North)	810 40.2		970 57.8		960 51.8	
	N of Eyre Hwy NPS	700 46.9	660 45.3	620 51.0	700 54.2	810 48.9	860 52.2
	S of Eyre Hwy NPS	500 38.1	420 32.8	400 30.2	400 29.9	600 34.9	660 38.4
	S of Kumarl Lake King Rd	340 32.4					
	N of Starceovich Rd	510 34.8		510 40.9		550 32.0	
	N of Gibson Dalup Rd NPS	790 35.0	750 35.7	750 38.4	770 39.4	860 38.7	850 40.0
	S of Lake Rd					2 500 18.5	
	S of South Coast Hwy	5 090 12.7					
	S of South Coast Hwy NPS					5 430 20.4	5 610 20.5
	N of Esperance Port NPS					3 430 22.5	3 650 21.4
	S of Mungan St					3 200 24.2	
D							
Dwyer St	E of Lionel St	320 3.5		310 9.2		300 4.0	
E							
Egan St	N of Lionel St	3 810 5.2		4 200 5.4		4 710 4.7	
Eyre Hwy	E of Norseman NPS			420 68.7	460 69.6	660 56.3	700 56.6
	E of Mount Monger South Rd	530 48.4				640 56.7	
	W of Balladonia Roadhouse	490 51.2					
	E of Eucla Telegraph Station Rd NPS	470 44.2	490 43.7	370 62.2	460 62.3	660 49.8	650 50.1
F							
Forrest St	S of Lionel St	1 100 17.1		1 110 18.3		1 090 7.5	
G							
Goldfields Hwy	N of Goldfields Esperance Hwy NPS					670 36.2	690 36.9
	W of Tip Rd (Kambalda)	2 660 23.4		3 050 13.9		3 110 12.1	
	N of Durkin Rd	1 780 29.7		1 910 21.0		1 910 17.3	
	N of Kambalda NPS	1 850 21.6	1 810 22.1	1 860 20.9	1 970 22.7	2 020 24.4	1 970 25.3
	S of Mount Monger Rd	1 870 36.4					
	N of Mount Monger Rd	2 320 28.3		2 450 38.9		2 140 34.2	
	N of Tourist Mine Access Rd	1 510 26.9		1 940 37.6		1 640 28.0	
	S of Broadarrow Ora Banda Rd	960 37.8		880 40.6		800 37.2	
	S of Leonora NPS					590 50.0	550 50.1
	N of Old Agnew Rd	500 36.1					
	N of Leonora NPS					450 54.2	460 55.4
	S of Agnew Leinster Rd	320 44.2					
	N of Leinster NPS	190 62.4	200 67.5	180 67.8		370 70.5	460 74.5
	N of Mount Keith Village	330 38.3					

Goldfields - Esperance

Road Name	Location	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Great Eastern Hwy	E of Southern Cross NPS					1 370 50.1	1 460 51.4
	W of Ryans Find Rd	1 300 34.3					
	W of Coolgardie NPS	1 110 41.4	1 130 40.3	1 190 43.0	1 240 47.1	1 360 45.7	1 360 46.8
	W of Lyon St	1 370 41.1		1 520 40.3		1 440 43.3	
	E of Carins Rd NPS	1 700 25.5	1 790 25.6	1 930 26.7	2 010 26.7	2 100 27.7	2 110 28.6
	E of Atbara St	7 740 25.1		8 460 18.9		9 170 10.7	
	E of Wilson St NPS	8 650 8.4	8 630 8.6	8 880 8.4	8 320 9.4	8 020 10.3	8 230 10.8

H

Harbour Rd	S of South Coast Hwy	5 090 12.7					
	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	4 140 6.8		3 450 9.4		3 520 5.1	
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L

Leonora Laverton Rd	E of Goldfields Hwy NPS	320 43.9	300 44.7	350 44.1	350 46.2	350 45.3	340 45.2
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M

Maxwell St	N of Beston St	3 170 7.0		3 420 9.6		3 300 3.2	
McDonald Rd	S of South Coast Hwy					590 35.7	
Mount Magnet Leinster Rd	W of Goldfields Hwy NPS	370 33.9	260 42.6	260 45.2	320 53.4	310 54.8	350 63.8
Mungan St	W of Padbury St		1 710 7.0				
	E of Harbour Rd					1 770 8.3	

P

Piccadilly St	W of Chapple St	5 720 9.2		6 000 15.7		5 630 6.1	
Pink Lake Rd	W of John St	7 100 4.4					

S

Shelden Rd	E of Harbour Rd					3 740 13.9	
Sheldon Rd	E of Woods St	4 300 10.5					
South Coast Hwy	E of Neds Corner Rd NPS					900 46.6	1 030 38.8
	W of Coolgardie Esperance Hwy NPS					1 260 39.8	1 440 35.7
	W of Harbour Rd					2 450 25.5	