



Kimberley 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 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 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			
	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	2 080 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
A							
Ashley St	S of Alfonsas St					1 620 9.6	
B							
Broome - Cape Leveque Rd	W of Beagle Bay Rd NPS					220 9.8	220 15.8
Broome Cape Leveque Rd	S of Manari Rd	480 8.2	400 11.6				
Broome Rd	E of Cape Leveque Rd NPS	1 260 16.2	1 450 16.2	1 450 15.1	1 470 16.1	1 530 16.9	
	S of Fairway Dr				3 580 18.2	2 840 22.3	
	S of Murray Rd		5 530 6.8				
	S of Gantheaume Point Rd		2 160 24.0		2 440 14.1	2 040 13.0	
	S of Kavite Rd				1 790 16.4		
C							
Cable Beach Rd East	E of Charles Rd		7 230 6.4		6 340 4.9	5 480 29.1	
D							
Derby Gibb River Rd	E of Derby Hwy NPS	190 16.0	220 20.9	190 15.6	210 16.5	200 17.2	
	E of Adcock Gorge Access Rd	100 25.5					
	E of Manning Gorge Acc Rd			120 4.2			
Derby Hwy	N of Great Northern Hwy		680 22.7				
	N of Great Northern Hwy NPS					600 18.6	
	S of Russ St				2 010 12.8	1 550 24.6	
	N of Russ St		2 220 19.1				
F							
Frederick St	W of Herbert St				11 000 9.7	13 690 2.5	
G							
Gibb River Rd	W of Adcock St						60 30.5
Gibb River Wyndham Rd	E of Karunjie Rd (Rollies Jump Up)	50 20.8					
	W of Great Northern Hwy	260 17.4	280 20.9	480 23.1			
Great Northern Hwy	S of Broome Rd NPS	340 31.1	440 29.4			490 27.2	
	E of Derby Hwy NPS					470 32.8	
	W of Derby Hwy NPS	540 20.6	570 18.7	570 18.1	590 19.5	570 20.2	
	E of Derby Hwy		540 33.5				
	E of Fitzroy Crossing NPS	350 23.4	370 19.6	360 19.2	400 19.6	400 20.3	
	E of Halls Creek NPS					430 24.7	
	S of Lissadell Rd	550 25.9					
	S of Victoria Hwy NPS	340 30.7	350 23.6	330 21.3	330 23.0	340 24.6	
	S of Victoria Hwy	650 30.2					
	N of Gibb River Wyndham Rd NPS	300 22.9	280 17.7			410 22.4	310 24.2
	W of Foreshore Rd	1 030 15.4					
Gubinge Rd	S of Murray Rd		5 530 6.8				
	S of Gantheaume Point Rd		2 160 24.0		2 440 14.1	2 040 13.0	
Guildford St	W of Derby Rd					440 8.0	
Guy St	E of Port Dr				6 980 8.0	7 170 10.6	
L							
Lullfitz Dr	N of Millington Rd				640 9.5	570 15.7	
M							
Marmion St	S of Archer St		790 1.5		720 6.6	660 9.9	

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Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
P							
Pembroke Rd	N of Dickson St		660 10.7		780 20.4	670 16.3	
Port Dr	S of Clementson St				3 380 14.8		
	S of Kavite Rd				1 790 16.4		
R							
Reid Rd	S of De Marchi Rd		2 280 10.9		2 430 8.9	2 470 6.2	
S							
Stanley St	E of Field St		4 530 11.1		3 980 19.8		3 470 22.8
T							
Tanami Rd	S of Billiluna Rd			50 14.0			
V							
Victoria Hwy	E of Great Northern Hwy	1 140 15.3	1 040 19.6	1 230 14.9			
	E of Great Northern Hwy NPS					920 18.4	
	S of Messmate Wy	4 220 14.6					
	E of Messmate Wy		4 230 12.9				
	N of Lake Argyle Rd	570 22.6	480 24.4	620 19.0			