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Ashburton Traffic Digest

2009/10 - 2014/15



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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 Northcliffe Rd	S of Vance 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	
Piavanini Rd	S of Coafields Rd	300 12.4		
Pinjara Rd	E of Mandurah Rd	19 865	25 770	22 030
	E of Lakes Rd			
	W of Rio Grande Av		21 000 3.9	
	E of Riverside Rd		19 710	
	E of Ronlyn Rd		19 280 5.0	17 110 7.0
	W of Webster St		19 670 4.9	
	W of Tankin Cr		19 960 5.9	
	E of Tankin Cr		19 130 6.0	
	At Ravenswood Bridge		12 580	11 130 8.5
	E of Flagstaff Rd		12 510 6.9	12 920 5.9
	E of Jolly Rambler Bvd		11 550 6.1	
	W of George St		8 860 8.1	9 630 7.8
	W of Ghall St			
	W of Anstruther Rd		2 820 17.2	2 550 18.0
	E of Anstruther Rd			
	W of Mandurah Rd			
Pinjara Williams Rd	S of South Western Hwy	2 090 3.8		
	S of Gaffer St		9 940 3.2	
	E of Napier Rd			
	W of Scarp Rd	2 760 7.0	2 410 6.5	2 050 8.0
	E of Farley Rd			
	W of Nanga Brook Rd		10 020	6 610 3.5
	E of Nanga Brook Rd		7 930	
	E of Plant Access Rd			
	W of Bannister Mandalong Rd			10 670 10.8
	E of Bannister Mandalong Rd			
	N of Sherry Rd			14 120 8.4
Pollard Rd	W of Bannister Rd		750 4.1	690 7.9
Prinsep St	N of Roelands Lake King Rd		3 870 2.9	
Pritchard St	W of South Western Hwy		3 150 5.4	3 450 6.1
Beach Rd	W of Jan			
Beela Rd	E of Sou	2 110 10.5	2 680 11.6	2 680 11.4
Binningup Rd	W of Ol		1 660 4.3	
			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	1 450 6.0
				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	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15
A							
Ansia Access Rd	W of Onslow Rd NPS				720 43.9	810 52.8	610 55.6
B							
Bingarn Rd	S of Nanutarra Rd		270 27.5		280 37.6		350 35.4
	N of Rubbish Tip Rd (Tom Price)	260 31.4					
	S of Killawarra Dr		700 17.9		730 22.5		780 25.1
G							
Great Northern Hwy	S of Yandi Mine Access Rd		800 52.3		830 58.6		820 52.8
	S of Karijini Dr NPS	500 54.4	540 49.7	660 61.3	770 57.6	720 58.6	
	S of Munjina Rd	480 51.8			870 59.5		530 67.3
	N of Munjina Rd		510 51.6		770 56.8		
K							
Karijini Dr	W of Great Northern Hwy NPS	240 30.7	250 33.6	310 43.0	340 43.4	310 43.1	290 42.6
	W of Juna Downs Rd		270 42.9		360 43.0		
	E of Hamersley Mount Bruce Rd		320 34.1		420 41.8		420 29.8
	W of Hamersley Mount Bruce Rd		320 40.1		440 33.6		410 35.9
	E of Paraburdoo Tom Price Rd	490 32.4	490 35.3		680 38.8		520 34.2
M							
Mine Rd	S of Bingarn Rd		2 430 21.2		3 420 20.3		3 090 18.3
	W of West Rd		3 180 17.1		3 490 22.7		3 160 22.6
Munjina Rd	W of Great Northern Hwy		90 11.7		160 48.6		90 40.9
N							
Nanutarra Rd	E of North West Coastal Hwy NPS	80 27.5	90 26.0	100 26.5			130 25.9
	E of Onslow Mount Stuart Rd	90 25.5					
	W of Ashburton Downs Rd	110 16.5		90 29.9			
	W of Tom Price Rd	110 20.0	110 24.8	80 29.0	120 26.8		140 20.6
	N of Paraburdoo Tom Price Rd	30 17.2	30 22.7		30 24.3		50 21.3
	W of Nameless Valley Dr		140 20.7		450 35.2		200 25.7
	W of Karratha Tom Price Rd		220 34.5		250 24.7		280 34.9
	E of Tom Price Railway Rd				110 56.0		110 35.6
North West Coastal Hwy	W of Burkett Rd					500 37.9	
	N of Burkett Rd		400 35.5	480 45.1	520 36.8	620 29.7	
	S of Nanutarra				530 21.5	510 35.8	
	S of Nanutarra Rd						560 34.2
	N of Nanutarra Rd				460 44.3		
	S of Onslow Rd NPS	380 39.8	340 41.2	380 43.6	500 40.4	430 47.1	410 45.7
	S of Yarraloola Rd	390 34.2		590 46.5	580 38.9		520 37.9
	N of Pannawonica Rd	590 34.6		570 46.7	630 43.5		790 30.6
O							
Onslow Rd	W of Mount Minnie Station Rd	100 20.9		210 37.7	380 54.3		
	S of Twitchin Rd NPS				430 58.9	450 69.4	280 59.5
	N of Twitchin Rd	190 14.6		550 38.2	730 35.2		940 23.1
	N of Ansia Access Rd NPS				710 27.5	770 30.2	630 35.6
	N of Onslow Airport Rd						1 250 23.1

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Road Name	Location	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15
P							
Pannawonica Millstream Rd	At Mount Enid Rail Crossing			140 14.6			
Pannawonica Rd	E of North West Coastal Hwy	170 23.0		260 27.3	230 29.0		310 42.5
Paraburdoo Rd	E of Nanutarra Rd	90 24.6			100 27.2		110 26.9
S							
Second Av	E of Third St					1 910 13.4	
	W of Beadon Creek Rd					1 850 11.2	
T							
Tom Price Paraburdoo Rd	W of Rocklea Rd		640 15.8		700 15.7		600 17.2
	S of Karijini Dr	530 24.0	570 25.4		640 26.9		
	N of Karijini Dr	930 29.4	940 22.4		1 180 22.9		910 21.7
	S of Mine Rd		960 25.2				1 040 26.7
Towera Rd	S of North West Coastal Hwy	60 24.4					
Twitchin Rd	W of Onslow Rd				130 43.6		

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