



Mid West-Gascoyne 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)



Information Sheet

Traffic Digest

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 Ct		660 3.3	
Plavanini Rd	S of Coorfields 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 Ranlyn Rd	NPS 840	15 280 5.0	17 110 7.0
	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 Flagent 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 Ghall 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 Galter Ct		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 Mansalong Rd			10 670 10.8
	E of Bannister Mansalong Rd			
	N of Sherrys 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			
Beela Rd	E of Sou	2 110 10.5	2 060 11.8	2 090 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	
				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).

Mid West-Gascoyne

Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
A							
Abraham St	S of Utakarra Rd			3 070 7.0			
	S of Peter Wy			1 360 11.2			
Agnew Sandstone Rd	E of Booylgoo Springs Rd	100 50.0	130 60.3				
Ajana Kalbarri Rd	E of Anchorage L					580 8.4	
Albert Rd	N of Chapman Valley Rd						60 10.3
Anderson St	S of Webberton Rd		3 470 8.3		3 340 8.0	3 300 5.2	
Arthur Rd	S of Brice Rd			100 23.5	60 27.0		
B							
Babbage Island Rd	W of Nelson St	1 100 26.6	900 4.8		690 13.7	740 7.2	
Barrett Dr	S of Brand Hwy					3 960 3.3	
Brand Hwy	S of Coorow Green Head Rd	1 140 32.1	1 270 31.2	1 180 28.0			
	N of Coorow Green Head Rd	1 190 30.6			1 250 25.2		
	N of Coolimba Eneabba Rd		1 240 25.5				
	S of Indian Ocean Dr	1 300 24.9		1 030 26.4	1 190 30.2		
	N of Indian Ocean Dr	2 460 27.2					
	N of Mt Adams Rd	2 280 26.8					
	S of Kailis Dr	NPS 1 970 23.0	2 010 22.1	2 020 20.8	2 060 20.2	2 060 21.0	
	S of Midlands Rd	2 160 26.9		2 210 24.8			
	W of Midlands Rd		2 450 21.4		2 600 16.2		
	S of Geraldton Mount Magnet Rd	NPS 2 790 20.2					
	N of Showground Rd	NPS	2 690 20.2	2 880 24.5	2 970 25.0	2 980 26.5	
	S of Hamersley Rd	2 910 16.5	3 570 15.4				
	S of Gilbert Rd	3 080 14.8					3 570 13.6
	S of Devlin Pool Rd		3 530 20.7				
	S of Jandanol Rd			3 160 23.6			3 310 16.7
	N of Rudds Gully Rd			4 380 13.2		4 850 8.9	
	Sth of Bellimos Dr					5 550 8.2	
	S of Lockyer Rd			9 400 7.9			
	S of Broadhead Av	13 110 8.1			12 700 5.9		
	N of Olive St				12 630 7.7	13 300 11.1	
	S of Olive St				12 480 7.6	13 380 12.1	
Burkett Rd	W of North West Coastal Hwy					230 19.5	
	E of Giralia Homestead Access		200 23.5		110 12.3		
	E of Minilya Exmouth Rd	NPS			160 17.6	160 18.4	
	E of Minilya Learmonth Rd		260 17.4				
C							
Carnalea Rd	S of Hill Creek Rd		120 7.7				120 10.5
Carnarvon Mullewa Rd	E of North West Coastal Hwy	120 23.0					
	E of Ullawarra Rd		20 25.0				
	S of Beringarra Byro Rd		10 20.0				
	E of Cobra Dairy Creek Rd		10 0.0				
	S of Dalgety Downs Glenburgh Rd		10 40.0				
Carnavon Rd	S of James St		1 180 15.9				
Central Road	S of Fourth St		2 270 4.4				
Chapman Rd	N of Snowdon St	12 990 6.8			12 570 9.9	13 830 5.3	
	S of Sail Bvd				4 410 7.1	4 650 4.1	
	N of Sail Bvd	5 090 6.3			4 410 7.1		

Mid West-Gascoyne

Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
	N of Okahoma Rd	4 050 5.7					
	N of Glenfield Beach Dr	2 140 7.2					
Chapman Valley Rd	W of Webber Rd						2 110 9.5
	S of Nanson Howatharra Rd	NPS			510 21.7	520 23.9	
	E of Albert St		1 410 10.8			1 320 13.1	
	N of Morrell Rd		720 17.6	880 17.4			
	E of Nabawa Northampton Rd		200 24.1	190 24.9			
	E of Balla Whelarra Rd		140 23.7				
Coalseam Rd	W of Mingenew Morawa Rd					70 26.2	
Coolimba Eneabba Rd	E of Indian Ocean Dr	60 14.5					
Coral Bay Rd	W of Minilya Exmouth Rd		460 12.7		510 12.3	490 13.2	630 19.8
D							
Dayana Dr	E of Rowan Rd		760 9.5	770 10.1			
Deepdale Rd	S of Gerladton Mt Magnet Rd			720 52.8	370 22.9		
Dooley Downs Rd	N of Cobra Mount Augustus Rd		10 25.0				
E							
Eastward Rd	E of North West Coastal Hwy				4 830 2.8	6 150 6.2	
Edward Rd	S of Davies Rd				3 190 13.4	3 280 20.1	
	S of Galleon Dr			2 730 15.7			
	N of Deepdale Rd		1 960 19.9	2 020 20.5			
	S of Rudds Gully Rd		1 480 13.6	1 760 13.9			
	N of Bootenal Rd			2 130 20.3		1 330 14.6	
	N of Levett Rd		830 23.3				
Eliza Shaw Dr	E of North West Coastal Hwy		430 15.7				
Elliot St	E of Maley Pl	120 4.2			90 5.3	90 2.2	
G							
George Grey Dr	N of Port Gregory Rd	470 17.6		510 19.3		540 17.5	
	N of Ogilvie Rd West	410 11.4		370 13.5		470 14.9	
Geraldton Mount Magnet Rd	E of North West Coastal Hwy	3 260 14.0	2 690 19.6	2 580 29.1	2 540 21.8		
	W of Deepdale Rd	1 880 19.3	1 250 18.6	1 510 33.4	1 240 19.0		
	W of Moonyoonooka Narngulu Rd	2 500 11.8	1 850 16.6	1 960 37.5	1 690 24.2	1 770 21.8	
	E of Moonyoonooka Narngulu Rd			730 46.9			
	E of Glengarry Rd	NPS	880 27.7	920 28.9	860 26.4	900 29.5	
	E of Yanget Rd		670 19.2				
	E of Eradu North Rd			760 34.3			
	W of Mingenew Mullewa Rd	460 25.9			510 20.4	400 23.7	
	E of Mingenew Mullewa Rd				630 19.0	730 21.2	
	W of Bowes St				900 18.3		
	E of Mullewa Wubin Rd	NPS	220 41.5	240 38.3	260 34.5	250 35.9	270 36.3
	W of Paynes Find Yalgoo Rd	210 31.0					
	E of Yalgoo Ninghan Rd	170 32.7	140 42.6		200 30.5	170 32.2	200 33.3
	W of Great Northern Hwy					210 28.9	220 37.8
Geraldton Walkaway Rd	S of Brice Rd	NPS			1 670 25.0	1 650 25.2	
Glenview St	N of Acacia St		4 190 3.5				
Goldfields Hwy	W of Diamond Wells Rd	100 20.8					
Goulds Rd	S of Geraldton Mount Magnet Rd			530 24.7			
Gray St	E of Jose St				810 22.8		
Great Northern Hwy	S of Mount Gibson Rd	730 52.6					

Mid West-Gascoyne

Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
	S of Wanarra East Rd	600 56.9					
	S of Geraldton Mount Magnet Rd	550 56.5	670 43.0		640 37.9	640 44.0	590 50.3
	N of Watson St	810 50.7			850 34.8	750 43.8	950 45.9
	S of Cue NPS		500 60.2	500 58.1		690 61.4	
	S of Cemetery Rd (Cue)	870 47.7					
	N of Rifle Range Rd	650 56.8	620 46.6		600 49.0	790 40.1	580 58.1
	N of Norie Rd	640 55.8					
	N of Goldfields Hwy NPS	590 60.7	520 56.7	510 56.7	500 59.8	500 63.2	
	S of Newman Airport				1 220 41.0		

H

Hamersley Rd	E of Brand Hwy			230 20.5			
Hampton Rd	N of Seventh Av				2 150 17.3		
	S of Stephen St	2 270 15.5					
Hepburn St	S of Carroll St	1 070 32.7					
Highbury St	W of Geraldton Mt Magnet Rd				3 180 4.6	3 340 4.6	
Hill Creek Rd	S of Carnalea Rd						30 3.6
Horrocks Rd	E of Northampton Willigul Rd	830 15.8					
	W of Port Gregory Rd					320 12.6	
Horwood Rd	E of Polo Rd			2 830 11.0	1 820 11.6		
Hosken St	W of North West Coastal Hwy			4 550 3.2			

I

Indian Ocean Dr	N of Coorow Green Head Rd	1 310 13.5	1 360 11.4			1 350 10.1	
	S of Rudduck St				1 220 9.1		
	N of Rudduck St				1 100 14.4		
	S of Eneabba Coolimba Rd NPS					970 10.5	1 070 10.7
	S of Coolimba Eneabba Rd		1 070 15.6	1 090 12.6		910 10.5	
	N of Coolimba Eneabba Rd	1 070 15.8					
	S of Brand Hwy NPS	1 030 9.6	980 9.9	990 9.7	960 10.4	1 080 9.9	870 13.3
	S of Cliffhead South Rd				1 150 6.6		
	N of Cliffhead South Rd				1 170 8.2		

J

Jandanol Rd	E of Brand Hwy	70 16.7					
	S of Rudds Gully Rd	400 8.5					
John Willcock Link	W of Portway	2 430 13.8		2 440 14.1	2 320 15.3		
	W of Elliot St Access Rd	3 970 24.0		4 360 27.0	3 340 14.5		
	W of Gregory St				3 680 16.9		
	At Brand Hwy Bridge	4 950 20.3		4 160 17.0			

K

Kailis Dr	W of Brand Hwy					280 20.5	
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L

Landor Mount Augustus Rd	N of Landor Mount Clere Rd		10 14.3				
Landor Mount Clere Rd	E of Landor Mount Augustus Rd		10 0.0				
Longva Rd	S of Forrester Rd				240 5.4		

M

Mabel St	W of North West Coastal Hwy			1 640 7.3			
Macedonia Dr	E of Chapman Rd			320 6.5		320 11.2	

Mid West-Gascoyne

Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Maitland Rd	W of Bowes St				900 18.3		
Meadowcroft St	E of Jandanol Rd	150 3.3					
Midlands Rd	S of Coorow Green Head Rd	300 20.0		300 23.9		410 17.6	
	S of Chappell Rd	310 16.6		310 22.0	310 17.4	440 17.2	
	N of North Boundary Rd	330 20.9		320 16.4	360 13.7	350 23.7	
	E of Arrino South Rd				370 19.7		
	N of Lynch Rd					310 24.8	
	N of Switchback Rd					390 27.7	
	E of Mingenew South Rd	NPS	320 26.6	350 28.9	310 27.1	350 30.1	
	N of Mingenew South Rd						420 26.7
	N of View St						500 24.7
	W of Mingenew Mullewa Rd	NPS	300 23.3	290 23.4	330 23.2		
	W of Strawberry North East Rd		440 11.9				
	E of Tabletop Rd			370 24.6			
Mingenew Morawa Rd	W of Mullewa Wubin Rd	NPS		240 22.8	230 25.3	220 21.3	
Minilya Exmouth Rd	N of North West Coastal Hwy	NPS	250 17.4	280 18.6	280 18.3	300 19.1	310 19.3
	N of Coral Bay Rd		350 17.6		450 20.2	390 20.1	
	N of Burkett Rd	NPS	360 16.6	400 16.8	410 18.0	420 17.8	420 17.9
	S of Shothole Canyon Rd		890 12.3				1 280 16.7
	S of Preston St		1 410 11.9			1 390 11.0	1 850 19.0
Monkey Mia Rd	N of Shark Bay Airport Rd		500 8.9	410 8.6		460 16.4	
Moonyoonooka Narngulu Rd	S of Geraldton Mount Magnet Rd			230 17.5	220 19.6		
Mount Magnet Leinster Rd	E of Mount Magnet	NPS		140 57.0	140 55.2	140 54.9	150 57.7
Mount Magnet Sandstone Rd	E of Priestley St				330 20.2		
	E of Youanmi Rd	130 43.0					
	W of Paynes Find Sandstone Rd	130 35.4					
Mullewa Wubin Rd	S of Rothsay Rd				160 28.0	420 23.8	
	S of Old Mullewa Rd					260 23.5	
	S of Morawa Three Springs Rd	NPS	190 29.4	190 28.1	210 28.7	180 26.7	200 28.7
	S of Mingenew Morawa Rd		340 28.8				
	N of Morawa Yalgoo Rd				140 20.1	150 29.1	
	N of Offszanka Rd				60 24.2		
	S of Geraldton Mt Magnet Rd	NPS		80 28.4	70 23.5	80 26.3	80 31.3
	S of Geraldton Mount Magnet Rd		120 18.9			130 16.0	

N

Nangetty Walkaway Rd	S of Levett Rd					980 25.9	
	E of Allanoooka Springs Rd			320 48.9			
Narra Tarra Moonyoonooka Rd	N of Geraldton Mount Magnet Rd		480 20.8	540 29.7			
	N of Giles Rd				480 26.0		
North West Coastal Hwy	W of Geraldton Mount Magnet Rd	12 020 14.0					
	N of Eastward Rd		12 130 5.5				
	N of Second St				14 200 7.0		
	S of Dean St		12 830 8.0		11 980 7.1		
	S of Webberton Rd			11 780 7.2			
	N of Webberton Rd		13 770 6.1				
	N of Railway St		15 170 7.6		12 540 10.5		14 110 8.1
	N of Green St				12 290 7.4	13 040 7.5	
	N of Chapman Valley Rd	3 740 12.7					
	N of Okahoma Rd		3 770 15.0		3 700 11.6	4 360 10.5	

Mid West-Gascoyne

Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
	N of Tramway Rd		3 510 19.9				4 210 11.3
	S of Drummond Cove Rd		3 150 18.7				
	N of White Peak Rd			2 150 17.2			
	N of Olsen Rd		2 240 18.1				
	N of Coronation Beach Rd	NPS	2 140 22.0	2 180 21.0	2 190 20.5	2 220 21.3	
	N of Nabawa Northampton Rd	1 780 23.5					
	N of Seventh Av				2 150 17.3		
	S of Stephen St	2 270 15.5					
	N of Chilimony Rd			750 31.2		820 25.5	
	S of Ajana Kalbarri Rd	740 33.2		670 29.0			
	N of Ajana Kalbarri Rd	850 30.7		800 28.3			
	N of Nerren Nerren Rd		1 120 25.7		880 24.6	700 28.4	
	S of Shark Bay Rd	NPS	760 31.9	780 31.0	760 27.3	780 25.5	720 29.3
	S of Gladstone Rd			660 27.0		630 32.0	
	N of Wahroonga Pimbee Rd	700 30.2		630 29.0		660 25.1	
	S of Bush Bay Rd	NPS	870 30.4	720 33.2	680 29.3		690 28.3
	S of HMAS Sydney II Memorial Av	730 41.8					
	N of HMAS Sydney II Memorial Av	1 260 32.4		640 27.2			
	S of Robinson St	1 020 40.2		1 190 21.5		1 170 23.9	
	E of Robinson St	3 700 19.2			4 130 10.9	2 640 13.4	
	E of Research Rd				1 660 20.7	880 23.3	
	N of South River Rd				750 28.5	940 28.0	
	N of McGlades Rd				1 200 21.3	960 22.3	
	N of Blowholes Rd	NPS	690 33.7	560 34.3	550 29.0	560 26.9	550 27.7
	N of Booloogooro Rd	850 33.3		450 32.5		540 27.0	
	N of Minilya Exmouth Rd		410 40.7	250 44.3	300 32.8	270 33.8	
	N of Winning Pool Rd	NPS			230 42.1	260 40.4	

O

Olivia Tce	S of Johnston St				1 530 9.9	1 370 3.4	
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P

Parmelia Bvd	W of Eliza Shaw Dr		90 18.2				
Piesse St	W of Morawa Yalgoo Rd						270 30.7
	E of Gibbons St		200 35.2			210 36.8	
Port Gregory Rd	W of Grey St			940 13.4		910 21.6	
	W of Northampton	NPS	490 19.0	510 18.8	540 19.7	570 21.1	590 22.0
	S of George Grey Dr			610 17.9			
	N of George Grey Dr				220 16.2		
Poynton Pde	N of Main St			390 17.5			
Pye Rd	E of Brand Hwy					50 18.9	

R

Richards St	S of Meiklejohn Cr	580 8.1					
Robinson St	W of North West Coastal Hwy			4 880 7.4	4 610 7.5	4 640 8.7	
	E of Marmion St	6 400 8.9	4 830 12.3	5 080 5.1	6 000 6.8	4 490 9.5	
	E of Lewer Rd			7 510 6.2	6 980 7.6	7 060 12.5	
	E of Skipworth St	8 010 7.6				7 400 5.1	
	E of Babbage Island Rd					7 760 7.5	
Rudds Gully Rd	E of Brand Hwy			1 020 18.9		1 080 18.5	
	E of Goulds Rd			560 22.9			

Mid West-Gascoyne

Road Name	Location	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
S							
Seventh St (Northampton)	N of North West Coastal Hwy			250 18.3			
Shark Bay Rd	W of North West Coastal Hwy	NPS 310 14.0	340 14.6	350 14.6	360 15.1	370 15.4	
	E of Nanga Rd			370 12.0			
	S of Whalebone Rd		350 14.7	350 19.2		480 16.2	
	W of Monkey Mia Rd			400 20.1			
Shenton St (Geraldton)	E of Francis St				1 590 4.5	1 620 3.9	
Springfield Dr	N of Acacia Rd				420 10.9		
St Dominics Rd	N of River Gum Wy				420 8.8		
Stephen St	W of Grey St			940 13.4		910 21.6	
Strickland St Access Rd	E of North West Coastal Hwy			1 540 4.6			
T							
The Lakes Rd	E of Green Head Rd	260 13.7					
	W of Worthington St	230 11.1					
	E of Worthington St	200 14.7					
Tiltill Ri	S of Chapman Rd						110 3.7
U							
Ullawarra Rd	N of Gascoyne Junction		60 13.8				
Utakarra Rd	E of Blencowe Rd				5 520 5.6	5 410 6.5	
V							
Verita Rd	S of Abraham St						960 6.3
W							
Watterson Rd	W of Brand Hwy					340 4.1	
Webber Rd	S of Mills Rd				630 10.9		
West St	S of Richardson St				130 8.4	120 5.1	
White Peak Rd	E of North West Coastal Hwy			90 12.6			
Whitlock St	N of Qunice St				500 2.4	390 10.2	
Willcock Dr	S of John Willcock Link					1 780 25.7	
	N of Olive St		1 170 4.4		1 310 7.0	1 340 9.0	
Y							
Yardie Creek Rd	W of Murat Rd	340 8.4					