





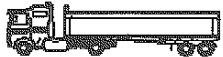







MetroCount®

Vehicle Classifier System

AUSTROADS '94 Vehicle Classification System

Level 1	Level 2		Level 3	AUSTROADS Classification		
Length (Indicates Dec)	Axles and Groups		Vehicle Type			
Type	Axles	Groups	Description	Class	Parameters	Dominant Vehicle
LIGHT VEHICLES						
Short Up to 6.5m	2	1 or 2	Short Sedan, Wagon, 4WD, Utility, Light Van, Bicycles, Motorcycle, etc.	1	$d(1) \leq 3.2m$ and axles = 2	
	3, 4 or 5	3	Short - Towing Trailer, Caravan, Boat, etc.	2	groups = 3, $d(1) \geq 2.1m$, $d(1) \leq 3.2m$, $d(2) \geq 2.1m$ and axles = 3,4,5	
HEAVY VEHICLES						
Medium 6.5m to 14.5m	2	2	Two Axle Truck or Bus	3	$d(1) > 3.2m$ and axles = 2	
	3	2	Three Axle Truck or Bus	4	axles = 3 and groups = 2	
	>3	2	Four Axle Truck	5	axles > 3 and groups = 2	
Long 14.5m to 19.0m	3	3	Three Axle Articulated Three axle articulated vehicle, or Rigid vehicle and trailer	6	$d(1) > 3.2m$, axles = 3 and groups = 3	
	4	> 2	Four Axle Articulated Four axle articulated vehicle, or Rigid vehicle and trailer	7	$d(2) < 2.1m$ or $d(1) < 2.1m$ or $d(1) > 3.2m$ axles = 4 and groups > 2	
	5	> 2	Five Axle Articulated Five axle articulated vehicle, or Rigid vehicle and trailer	8	$d(2) < 2.1m$ or $d(1) < 2.1m$ or $d(1) > 3.2m$ axles = 5 and groups > 2	
	>= 6	> 2	Six Axle Articulated Six (or more) axle articulated vehicle, or Rigid vehicle and trailer	9	axles = 5 and groups > 2 or axles > 6 and groups = 3	
Medium Combination 17.5m to 26.5m	> 6	4	B Double B Double, or Heavy truck and trailer	10	groups = 4 and axles > 6	
	> 6	5 or 6	Double Road Train Double road train, or Heavy truck and two trailers	11	groups = 5 or 6 and axles > 6	
Long Combination Over 33.0m	> 6	> 6	Triple Road Train Triple road train, or Heavy truck and three trailers	12	groups > 6 and axles > 6	

Definitions: Group: Axle group, where adjacent axles are less than 2.1 m apart
 Groups: Number of axle groups
 Axles: Number of axles (maximum axle spacing of 10.0m)
 d(1): Distance between first and second axle
 d(2): Distance between second and third axle

Class speed matrix

Report Id : ClassMatrix-94
 Site No. : 12.0VE
 Site Id. : On the Kidman Way, North side of Darlington Point
 Time range : 112:00 Tue 01 Feb 2005] to [10:46 Mon 14 Feb 2005]
 Scheme : AusRoads94
 Filter : CL(1 2 3 4 5 6 7 8 9 10 11 12 13) DR(NESW) SP(8,161) HW(all)

Speed Bin (km/hr)	1	2	3	4	5	6	7	8	9	10	11	12	13	Speed Total	%
0 - 8	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0.0%
8 - 16	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0.0%
16 - 24	1	.	.	.	.	.	.	.	.	.	.	.	.	1	0.0%
24 - 32	3	1	1	.	.	.	.	.	.	.	.	.	.	5	0.0%
32 - 40	5	1	.	1	.	.	.	.	1	.	.	.	.	8	0.0%
40 - 48	5	.	.	2	.	.	.	.	.	.	1	.	.	8	0.0%
48 - 56	9	2	2	.	.	.	.	.	.	.	.	.	.	16	0.1%
56 - 64	59	7	11	4	2	.	.	2	3	6	.	.	.	95	0.4%
64 - 72	273	32	36	10	1	.	4	10	28	21	10	1	2	428	1.9%
72 - 80	913	88	64	18	1	3	10	25	92	153	69	3	6	1445	6.6%
80 - 89	2949	171	182	38	8	9	26	85	231	352	63	2	18	4174	18.0%
89 - 97	4895	185	177	85	5	7	26	100	350	376	111	.	31	6348	28.9%
97 - 105	4882	125	151	67	8	12	32	125	319	410	79	1	29	6248	28.4%
105 - 113	2241	42	64	7	.	1	5	17	40	36	.	.	15	2477	11.3%
113 - 121	483	12	20	5	.	1	1	3	5	1	1	.	2	534	2.4%
121 - 129	135	1	.	2	.	.	1	.	.	.	.	.	.	145	0.7%
129 - 137	25	.	2	.	.	.	.	.	1	.	.	.	.	28	0.1%
137 - 145	7	.	2	.	.	.	.	.	.	.	.	.	.	9	0.0%
145 - 153	11	.	1	.	.	.	.	.	.	.	.	.	.	12	0.1%
153 - 161	1	.	.	.	.	.	.	.	.	.	.	1	.	3	0.0%
Class Total	16037	667	718	239	26	34	106	367	1070	1395	344	8	106		
Total	76.8%	3.0%	3.3%	1.1%	0.1%	0.2%	0.5%	1.7%	4.8%	6.3%	1.6%	0.0%	0.5%		

Class speed matrix

Report Id : ClassMatrix-117
 Site No. : 27.0WE
 Site Id. : NR321 BETWEEN HOGAN LANE AND CATTAVACH ROAD
 Time Range : [12:00 Mon 27 Jun 2005] to [11:03 Mon 11 Jul 2005]
 Scheme : AustRoads94
 Filter : CL(1 2 3 4 5 6 7 8 9 10 11 12 13) DR(NESW) SP(0,151) HW(all)

Speed Bin (km/hr)	1	2	3	4	5	6	7	8	9	10	11	12	13	Speed Total	%
0 - 8	0	0.0%
8 - 16	1	1	0.0%
16 - 24	3	3	0.0%
24 - 32	4	4	0.0%
32 - 40	.	.	2	1	.	.	.	.	.	.	.	.	7	7	0.1%
40 - 48	.	1	1	2	1	.	.	.	.	.	.	.	12	12	0.1%
48 - 56	.	1	2	3	1	.	.	.	.	.	.	.	32	32	0.3%
56 - 64	.	2	5	6	2	.	.	.	.	.	.	.	52	52	0.4%
64 - 72	.	8	15	4	3	.	1	2	1	.	.	.	114	114	0.9%
72 - 80	.	49	94	7	1	2	2	3	6	7	3	.	352	352	2.8%
80 - 89	.	180	93	16	1	12	18	17	34	22	22	.	1168	1168	9.2%
89 - 97	.	202	142	54	6	6	30	106	207	239	54	2	79	3232	25.6%
97 - 106	.	139	157	84	2	5	21	71	246	253	35	.	65	4877	32.3%
105 - 113	.	65	102	15	1	9	3	26	94	77	9	.	25	2356	18.7%
113 - 121	.	22	41	3	.	.	1	5	4	2	.	.	9	774	6.1%
121 - 129	.	4	23	.	.	.	3	1	3	1	.	.	5	272	2.2%
129 - 137	.	77	2	.	.	.	.	.	3	.	1	.	2	32	0.7%
137 - 145	.	30	.	.	.	.	.	.	.	.	.	1	.	35	0.3%
145 - 153	.	14	.	.	.	.	.	.	.	.	.	.	.	19	0.2%
153 - 161	.	8	.	.	.	.	.	.	.	.	.	.	1	9	0.1%
Class Total	3240	576	835	159	18	34	79	231	601	601	126	3	202	13168	100.0%
	79.3%	5.4%	5.0%	1.3%	0.1%	0.3%	0.6%	1.8%	4.6%	4.6%	1.0%	0.0%	1.6%		

Class speed matrix

Report Id : ClassMatrix.1
 Site No. : 29.01E
 Site Id. : MR321 ON THE NORTH SIDE, HEADING INTO GRIFFITH.
 Time Range : (11:00 Tue 06 Sep 2005) to (09:49 Tue 20 Sep 2005)
 Scheme : Scheme F
 Filter : CL(1 2 3 4 5 6 7 8 9 10 11 12 13) DR(NESW) SP(5,100) HV(all)

Speed Bin (mph)	1	2	3	4	5	6	7	8	9	10	11	12	13	Speed Total	%
0 - 5	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0.0%
5 - 10	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0.0%
10 - 15	.	1	.	.	.	.	.	.	.	.	.	.	.	1	0.0%
15 - 20	.	1	3	.	.	.	.	.	1	.	.	.	.	5	0.0%
20 - 25	2	11	2	.	.	2	.	.	.	.	.	.	.	17	0.1%
25 - 30	1	5	1	.	.	3	.	.	.	.	.	.	.	10	0.0%
30 - 35	.	21	2	.	3	6	.	1	2	1	.	.	.	38	0.2%
35 - 40	3	121	18	.	15	8	2	1	1	13	.	.	1	153	0.8%
40 - 45	1	495	62	6	28	18	1	13	14	50	4	.	1	693	3.0%
45 - 50	10	1700	124	9	66	48	2	24	29	235	5	.	5	2257	9.8%
50 - 55	13	3972	155	18	79	74	2	62	70	632	14	.	16	5107	22.2%
55 - 60	41	6598	187	65	116	117	4	81	120	912	42	2	27	8312	36.1%
60 - 65	27	4345	132	9	23	43	2	28	41	294	9	.	16	4869	21.6%
65 - 70	20	1003	45	.	4	9	.	11	1	3	.	.	2	1096	4.8%
70 - 75	14	208	11	.	.	3	.	3	.	1	.	.	3	243	1.1%
75 - 80	4	61	5	.	.	1	.	.	.	.	.	.	.	71	0.3%
80 - 85	1	19	2	.	.	.	.	1	.	.	.	.	1	24	0.1%
85 - 90	1	5	.	.	.	.	.	.	.	.	.	.	.	6	0.0%
90 - 95	.	1	1	.	.	.	.	.	.	.	.	.	.	2	0.0%
95 - 100	.	4	.	.	.	.	.	.	.	.	.	.	.	4	0.0%
Class Total	138	18571	750	107	334	334	13	225	279	2141	75	2	72		
Total	0.6%	80.6%	3.3%	0.5%	1.4%	1.4%	0.1%	1.0%	1.2%	9.3%	0.3%	0.0%	0.3%		

Class speed matrix

Report Id : ClassMatrix-79
 Site No. : 2-OWE
 Site Id. : KIDMAN WAY NORTH OF GUMVIEW CAFE
 Time range : [17:00 Tue 27 Apr 2004] to [09:48 Tue 11 May 2004]
 Scheme : AustRoads94
 Filter : CL(1 2 3 4 5 6 7 8 9 10 11 12 13) OR(NESW) SP(8,161) HW(all)

Class	1	2	3	4	5	6	7	8	9	10	11	12	13	Speed Total	
0 - 8														0	0.0%
8 - 16					2								9	16	0.1%
16 - 24				3	5								12	39	0.1%
24 - 32			5	23	3			1	2	1	2		37	165	0.8%
32 - 40		21	11	87	15	1	2	3	9	6			109	535	2.0%
40 - 48		139	144	392	56	9	15	18	202	96	24	1	419	3907	14.3%
48 - 56		457	348	650	51	15	62	33	876	759	88	2	609	12257	45.0%
56 - 64		270	214	114	8	9	25	53	504	473	47	3	68	7583	28.1%
64 - 72		56	77	19	1		6	16	138	100	12	1	2	2112	7.7%
72 - 80		9	22	4	2	2	1	5	22	11	1		1	414	1.5%
80 - 88		5	6	2				3		2				100	0.4%
88 - 97			2				1							29	0.1%
97 - 105						2								9	0.0%
105 - 113							1							4	0.0%
113 - 121			1									1		2	0.0%
121 - 129												1		1	0.0%
129 - 137						1								1	0.0%
137 - 145														1	0.0%
145 - 153														1	0.0%
153 - 161				1										1	0.0%
Class Total	1893	957	833	1297	144	34	119	132	1956	1468	174	19	1265		
Total	69.7%	3.5%	3.1%	4.8%	0.6%	0.1%	0.4%	0.6%	6.8%	5.3%	0.6%	0.0%	4.6%		