

## MetroCount Traffic Executive Speed Statistics

### SpeedStat-35 -- English (ENA)

#### Datasets:

**Site:** [East] Farmer Fwy Tunnel East Ln1 <80kph>  
**Direction:** 2 - East bound, A hit first., Lane: 1  
**Survey Duration:** 1:59 Saturday, 27 April 2002 => 10:43 Friday, 3 May 2002  
**File:** E:\Demo Data\Farmer Fwy\East03May2002.EC1 (Demo FB)  
**Identifier:** 250421ZQ MC56-6 [MC55] (c)Microcom 02/03/01  
**Algorithm:** Factory default  
**Data type:** Axle sensors - Paired (Class, Speed, Count)

**Site:** [East] Farmer Fwy Tunnel East Ln1 <80kph>  
**Direction:** 2 - East bound, A hit first., Lane: 1  
**Survey Duration:** 10:53 Friday, 3 May 2002 => 10:50 Monday, 13 May 2002  
**File:** E:\Demo Data\Farmer Fwy\East13May2002.EC1 (Demo FB)  
**Identifier:** 250421ZQ MC56-6 [MC55] (c)Microcom 02/03/01  
**Algorithm:** Factory default  
**Data type:** Axle sensors - Paired (Class, Speed, Count)

#### Profile:

**Filter time:** 0:00 Monday, 29 April 2002 => 0:00 Monday, 6 May 2002  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12  
**Speed range:** 10 - 160 km/h.  
**Direction:** East (bound)  
**Separation:** All - (Headway)  
**Name:** Special  
**Scheme:** Vehicle classification (AustRoads94)  
**Units:** Metric (meter, kilometer, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 158174 / 358286 (44.15%)

## Speed Statistics

### SpeedStat-35

**Site:** East.1E East.1E  
**Description:** Multiple sites - See Header sheet for site descriptions.  
**Filter time:** 0:00 Monday, 29 April 2002 => 0:00 Monday, 6 May 2002  
**Scheme:** Vehicle classification (AustRoads94)  
**Filter:** Cls(1 2 3 4 5 6 7 8 9 10 11 12 ) Dir(E) Sp(10,160) Sep(>0)

**Vehicles = 158174**

**Posted speed limit=** 80 km/h, Exceeding = 54731 (34.60%), Mean Exceeding = 85.11 km/h

**Limit 1 (>15%)** (80 \* 115%) + 0 = 92 km/h, Exceeding = 4660 (2.95%)

**Limit 2 (>10km/hr)** (80 \* 100%) + 10 = 90 km/h, Exceeding = 7068 (4.47%)

**Maximum =** 159.6 km/h, **Minimum =** 23.2 km/h, **Mean =** 77.3 km/h

**85% Speed =** 84.2 km/h, **95% Speed =** 89.3 km/h, **Median =** 77.0 km/h

**20 km/h Pace =** 67 - 87, **Number in Pace =** 132166 (83.56%)

**Variance =** 59.47, **Standard Deviation =** 7.71 km/h

### Speed Bins

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	158174 100.0%	0.00	0.00	0.00
5 - 10	0 0.0%	0 0.0%	158174 100.0%	0.00	0.00	0.00
10 - 20	0 0.0%	0 0.0%	158174 100.0%	0.00	0.00	0.00
20 - 30	7 0.0%	7 0.0%	158167 100.0%	0.23	0.00	0.00
30 - 40	20 0.0%	27 0.0%	158147 100.0%	2.05	0.00	0.00
40 - 50	181 0.1%	208 0.1%	157966 99.9%	40.08	0.00	0.00
50 - 60	1792 1.1%	2000 1.3%	156174 98.7%	394.80	0.00	0.00
60 - 70	23139 14.6%	25139 15.9%	133035 84.1%	6867.76	0.00	0.00
70 - 81	86973 55.0%	112112 70.9%	46062 29.1%	33492.04	0.00	0.00
81 - 89	37347 23.6%	149459 94.5%	8715 5.5%	16281.20	50.00	1867350.00
89 - 99	7471 4.7%	156930 99.2%	1244 0.8%	3367.75	100.00	747100.00
99 - 109	991 0.6%	157921 99.8%	253 0.2%	500.01	150.00	148650.00
109 - 120	183 0.1%	158104 100.0%	70 0.0%	107.54	250.00	45750.00
120 - 160	70 0.0%	158174 100.0%	0 0.0%	55.99	350.00	24500.00
160 - 170	0 0.0%	158174 100.0%	0 0.0%	0.00	0.00	0.00
170 - 180	0 0.0%	158174 100.0%	0 0.0%	0.00	0.00	0.00
180 - 190	0 0.0%	158174 100.0%	0 0.0%	0.00	0.00	0.00
190 - 200	0 0.0%	158174 100.0%	0 0.0%	0.00	0.00	0.00

**Total Speed Rating =** 2833350.00

**Total Moving Energy (Estimated) =** 61109.46

### Speed limit fields

Limit	Below	Above
0   80 (PSL)	103443 65.4%	54731 34.6%
1   92 (>15)	153514 97.1%	4660 2.9%
2   90 (>10km/hr)	151106 95.5%	7068 4.5%