



PSF 10d

Acceptable Traffic Data Submission Formats

The required data formats for loading into the Traffic Monitoring System are listed below:

NZTACOUNT

Field 1	=	TMS Site Number
Field 2	=	Type of Data , in this case NZTACOUNT
Field 3	=	Time Interval in (minutes)
Field 4	=	Date and Time in the form yyyyymmdd-hhxx
		Where:
		yyyy = year
		mm = month
		dd = day
		hh = hour
		xx = minute
Field 5	=	Lane Number
Field 6	=	Traffic Volume

Example:

```
01N00331,NZTACOUNT,15,20110711-17:00,1,499
01N00331,NZTACOUNT,15,20110711-17:00,2,452
01N00331,NZTACOUNT,15,20110711-17:00,3,384
01N00331,NZTACOUNT,15,20110711-17:00,4,450
01N00331,NZTACOUNT,15,20110711-17:15,1,500
01N00331,NZTACOUNT,15,20110711-17:15,2,477
01N00331,NZTACOUNT,15,20110711-17:15,3,405
01N00331,NZTACOUNT,15,20110711-17:15,4,447
```

NZTALENGTH

Field 1	=	TMS Site Number
Field 2	=	Type of Data , in this case NZTALENGTH
Field 3	=	Time Interval in (minutes)
Field 4	=	Date and Time in the form <code>yyyymmdd-hhxx</code> Where: yyyy = year mm = month dd = day hh = hour xx = minute
Field 5	=	Lane Number
Field 6	=	Traffic Volume (NZTA length class 1)
Field 7	=	Traffic Volume (NZTA length class 2)
Field 8	=	Traffic Volume (NZTA length class 3)
Field 9	=	Traffic Volume (NZTA length class 4)
Field 10	=	Traffic Volume (NZTA length class 5)

Example:

```
00500057,NZTALENGTH,15,20110327-11:30,1,54,4,0,3,2
00500057,NZTALENGTH,15,20110327-11:30,2,57,4,1,3,2
00500057,NZTALENGTH,15,20110327-11:45,1,40,7,0,3,1
00500057,NZTALENGTH,15,20110327-11:45,2,51,10,2,7,4
00500057,NZTALENGTH,15,20110327-12:00,1,49,5,2,4,3
00500057,NZTALENGTH,15,20110327-12:00,2,62,6,4,6,2
00500057,NZTALENGTH,15,20110327-12:15,1,37,5,1,3,2
00500057,NZTALENGTH,15,20110327-12:15,2,63,4,2,2,3
```

NZTAAXLE

Field 1	=	TMS Site Number
Field 2	=	Type of Data , in this case NZTAAXLE
Field 3	=	Time Interval in (minutes)
Field 4	=	Date and Time in the form <code>yyyymmdd-hhxx</code> Where: yyyy = year mm = month dd = day hh = hour xx = minute
Field 5	=	Lane Number
Field 6	=	Traffic Volume (NZTAAXLE class 1)
Field 7	=	Traffic Volume (NZTAAXLE class 2)
Field 8	=	Traffic Volume (NZTAAXLE class 3)
Field 9	=	Traffic Volume (NZTAAXLE class 4)
Field 10	=	Traffic Volume (NZTAAXLE class 5)
Field 11	=	Traffic Volume (NZTAAXLE class 6)
Field 12	=	Traffic Volume (NZTAAXLE class 7)
Field 13	=	Traffic Volume (NZTAAXLE class 8)
Field 14	=	Traffic Volume (NZTAAXLE class 9)
Field 15	=	Traffic Volume (NZTAAXLE class 10)
Field 16	=	Traffic Volume (NZTAAXLE class 11)
Field 17	=	Traffic Volume (NZTAAXLE class 12)
Field 18	=	Traffic Volume (NZTAAXLE class 13)
Field 19	=	Traffic Volume (NZTAAXLE class 14)

Example:

01N00371,NZTAAXLE,60,20110321-14:00,1,491,15,53,21,1,9,5,1,13,4,15,15,7,2
01N00371,NZTAAXLE,60,20110321-14:00,2,349,2,8,1,0,2,0,0,1,0,2,1,2,0
01N00371,NZTAAXLE,60,20110321-14:00,3,310,1,3,0,0,2,0,0,2,0,0,0,2,1
01N00371,NZTAAXLE,60,20110321-14:00,4,486,13,38,21,3,4,4,6,22,4,12,18,16,4
01N00371,NZTAAXLE,60,20110321-15:00,1,522,12,56,6,3,6,7,5,21,4,13,23,7,2
01N00371,NZTAAXLE,60,20110321-15:00,2,371,5,9,0,1,2,0,1,1,0,3,3,0,1
01N00371,NZTAAXLE,60,20110321-15:00,3,343,2,6,1,0,3,0,0,2,0,0,2,1,2
01N00371,NZTAAXLE,60,20110321-15:00,4,527,16,53,11,2,8,9,2,20,6,17,9,6,9

TRANSPORT AGENCY VEHICLE SPEED SCHEME																		
Scheme	Posted Speed Limit (kph)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NZTA Speed 50	50	< 10	15	20	25	30	35	40	45	50	55	60	65	70	75	≥ 75	Mean Speed	85th %ile
NZTA Speed 60	60	< 20	25	30	35	40	45	50	55	60	65	70	75	80	85	≥ 85	Mean Speed	85th %ile
NZTA Speed 70	70	< 30	35	40	45	50	55	60	65	70	75	80	85	90	95	≥ 95	Mean Speed	85th %ile
NZTA Speed 80	80	< 40	45	50	55	60	65	70	75	80	85	90	95	100	105	≥ 105	Mean Speed	85th %ile
NZTA Speed 90	90	< 50	55	60	65	70	75	80	85	90	95	100	105	110	115	≥ 115	Mean Speed	85th %ile
NZTA Speed 100	100	< 60	65	70	75	80	85	90	95	100	105	110	115	120	125	≥ 125	Mean Speed	85th %ile

NZTASPEED50, 60, 70, 80, 90 or 100

Field 1	=	TMS Site Number
Field 2	=	Type of Data , in this case NZTASPEED** (** relates to the posted speed limit)
Field 3	=	Time Interval in (minutes)
Field 4	=	Date and Time in the form <code>yyyymmdd-hhxx</code> Where: yyyy = year mm = month dd = day hh = hour xx = minute
Field 5	=	Lane Number
Field 6	=	NZTASPEED** class 1
Field 7	=	NZTASPEED** class 2
Field 8	=	NZTASPEED** class 3
Field 9	=	NZTASPEED** class 4
Field 10	=	NZTASPEED** class 5
Field 11	=	NZTASPEED** class 6
Field 12	=	NZTASPEED** class 7
Field 13	=	NZTASPEED** class 8
Field 14	=	NZTASPEED** class 9
Field 15	=	NZTASPEED** class 10
Field 16	=	NZTASPEED** class 11
Field 17	=	NZTASPEED** class 12
Field 18	=	NZTASPEED** class 13
Field 19	=	NZTASPEED** class 14
Field 20	=	NZTASPEED** class 15
Field 21	=	NZTASPEED** class 16 (Mean Speed, Day)
Field 21	=	NZTASPEED** class 17 (85 th percentile speed)

Example:

01N00371,NZTASPEED**,60,20110321-14:00,1,5,5,53,21,20,56,69,25,13,49,7,15,7,2,1,67,90
 01N00371,NZTASPEED**,60,20110321-14:00,2,5,5,53,21,20,56,69,25,13,49,7,15,7,2,1,67,90

WEIGH IN MOTION

Field 1	=	TMS Site Number
Field 2	=	Date and Time in the form <code>yyyymmdd-hhxxss</code> Where: yyyy = year dd = day mm = month hh = hour xx = minute ss = seconds
Field 3	=	Lane Number
Field 4	=	Vehicle Type (PAT Type)
Field 5	=	Number of Axles
Field 6	=	Gross Weight (kgs)
Field 7	=	Vehicle Length (metres)
Field 8	=	Vehicle Speed (kph)
Field 9	=	Weight on Axle 1 (kgs)
Field 10	=	Distance between Axle 1 and Axle 2 (metres)
Field 11	=	Weight on Axle 2 (kgs)

Subsequent fields dependant on number of axles.

Example:

00200176,20110210-

17:30:54,1,851,8,36080,19.82,80,5300,3.47,5760,1.32,5540,4.38,4140,1.32,3820,1.32,4270,4.31,3370,1.32,3880

00200176,20110210-

17:32:51,1,891,8,54030,21.34,94,7180,1.96,6850,3.27,7670,1.39,7870,3.35,5670,1.22,6050,5.32,6180,1.31,6560

00200176,20110210-

17:32:54,1,891,8,52730,19.64,87,5860,1.89,6000,3.03,7090,1.28,7800,3.71,6190,1.13,6410,4.47,6890,1.13,6490

00200176,20110210-

17:33:25,2,751,7,49920,18.66,86,6090,4.4,7580,1.26,7480,4.78,7810,1.19,6470,4.7,7380,1.26,7110

00200176,20110210-17:34:17,2,21,2,4110,7.62,92,1790,3.81,2320

00200176,20110210-17:38:08,2,21,2,4800,6.88,89,2130,3.54,2670

00200176,20110210-

17:40:26,1,891,8,43710,20.53,79,5220,1.71,5570,2.81,6080,1.37,5980,3.77,4530,1.23,4630,4.05,5300,1.78,6400

00200176,20110210-17:44:58,1,20,2,4390,6.1,81,1740,3.03,2650

00200176,20110210-17:45:51,1,20,2,4200,6.66,73,1830,3.3,2370

00200176,20110210-17:47:38,2,20,2,4180,5.75,85,2120,2.79,2060

00200176,20110210-17:52:29,2,40,4,3720,10.8,90,1100,2.42,1390,5.79,630,.86,600

NZTA V by V

Field 1	=	TMS Site Number
Field 2	=	Date and Time in the form <code>yyyymmdd-hhxxss</code> Where: yyyy = year mm = month dd = day hh = hour xx = minute ss = seconds
Field 3	=	Lane Number
Field 4	=	Vehicle Length (metres)
Field 5	=	Headway (seconds)
Field 6	=	Vehicle Speed (kph)

Example:

```
00200176,20110210-17:30:54,1,17,8,93
00200176,20110210-17:32:12,1,6,3,105
00200176,20110210-17:32:44,1,10,4,90
00200176,20110210-17:33:54,1,14,9,97
00200176,20110210-17:33:59,1,13,19,95
```