

StreetSmart traffic data reporting software allows you to report, organize and analyze the speed and traffic data gathered from our radar speed signs. With the data conversion tool in StreetSmart, the information collected by the radar speed sign is loaded into Excel™ ready .csv files, and can generate 35 charts and graphs with just a few mouse clicks. Each model of our radar speed signs stores the raw data for 12 months (before writing over the oldest data first), allowing customers to go back in time if need be for a specific day, week, or month of information.

### Standard reports available include:

#### Daily reports:

- Number of vehicles & number of violators – 15 minute segments (6 hour view); 30 minute segments (12 hour view); 60 minute segments (24 hour view)
- Percentage of speed violators – 15 minute segments (6 hour view); 30 minute segments (12 hour view); 60 minute segments (24 hour view)
- Average vehicle speeds – 30 minute segments (12 hour view); 60 minute segments (24 hour view)
- Vehicle counts by speed bins (user selectable), based on average vehicle speeds
- Percentage of vehicles by speed bins (user selectable), based on average vehicle speeds
- Average vs. peak vehicle speeds, by speed bins (user selectable)
- School zone report - # vehicles, # speeders, average speeds, per 30 minute segments
- Speed summary based on percentages (includes % of vehicles speeding >5 mph, >10 mph, and >15 mph, based on average and peak speeds)
- Number of vehicles speeding >5 mph, >10 mph, and >15 mph over speed limit, based on average and peak speeds

#### Weekly Summary Reports (can be from 2 to 7 days of data):

- Vehicle and speed violator counts
- Daily average speeds
- Daily average speeds vs. daily 85<sup>th</sup> percentile speeds
- Percentage of vehicles speeding each day
- Vehicle speed counts by speed bins (user selectable), based on peak vehicle speeds
- Vehicle speed counts by speed bins (user selectable), based on average vehicle speeds
- Percentage of vehicles by speed bins (user selectable), average and peak speed comparison

#### Extended Trend Charts (up to 30 days of data per chart)

- Number of vehicles and number of violators
- Daily speeds (average speeds and peak vehicle speeds)
- Daily average speeds
- Violator trends: >5 mph, >10 mph, and >15 mph over speed limit (average and peak speeds)

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### StreetSmart Benefits:

- Pinpoints specific speeding times during the day, providing law enforcement the best information about when to patrol
- Provides a baseline of the actual speeding problem when data is collected with the LED display off in "stealth" mode
- Provides actual data as to how effective the radar sign is at reducing speeds, and lowering the percentage of drivers who speed
- Allows the owner to monitor the traffic calming effectiveness of the radar sign on an ongoing basis

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### Computer Requirements:

- Windows 7 or newer Operating System (emulation/virtual mode not supported)
- Open USB slot (to transfer files, if not emailed)
- Microsoft Excel 2007 or newer (no other brand of spreadsheet supported)

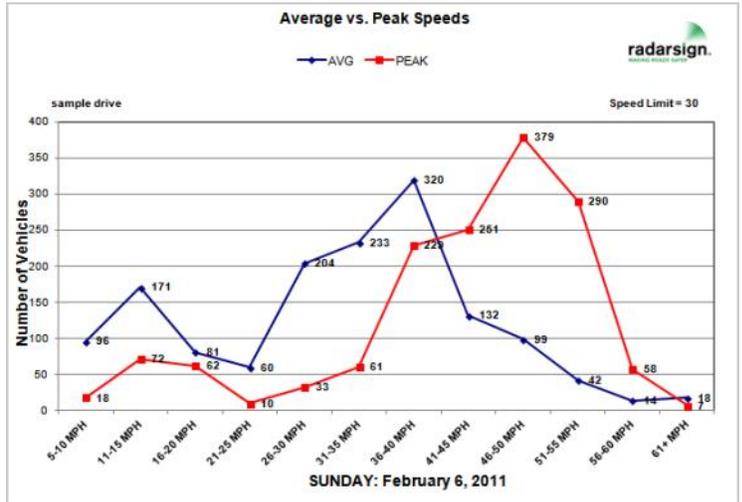
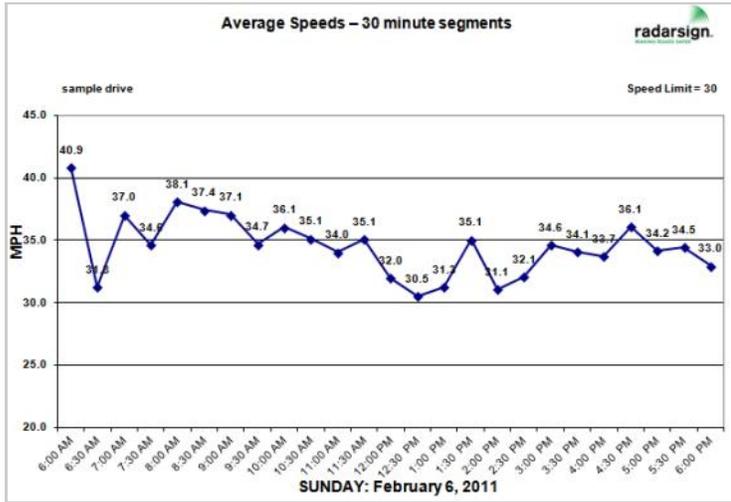
## Sample Master Data Table: Daily 1/2 (or 1/4) Hour Segments

DAILY 1/2 HOUR SEGMENT RECORDS										
Time	# Vehicles	# Violators	Peak MPH	% Violators	AVG. MPH	MPH Bins	# Veh. AVG	# Veh. PEAK	Daily Summary	Totals
12:00 AM	120	30	53	25.0%	41.4	5-10 MPH	11	6	Start Date	11/9/2017
12:30 AM	89	19	56	21.3%	40.3	11-15 MPH	32	11	Vehicle Count	7122
1:00 AM	59	18	54	30.5%	40.4	16-20 MPH	106	26	# Violations AVG	2180
1:30 AM	51	17	59	33.3%	42.3	21-25 MPH	252	39	% Violations AVG	30.60%
2:00 AM	42	11	55	26.2%	39.7	26-30 MPH	130	95	# Violations PK	4203
2:30 AM	19	4	51	21.1%	39.2	31-35 MPH	300	144	% Violations PK	59.00%
3:00 AM	34	10	55	29.4%	41.2	36-40 MPH	1104	361	% Violators > 5 MPH AVG	5.40%
3:30 AM	23	8	48	34.8%	43.0	41-45 MPH	3007	2237	% Violators > 10 MPH AVG	0.70%
4:00 AM	10	2	43	20.0%	42.2	46-50 MPH	1794	2460	% Violators > 15 MPH AVG	0.20%
4:30 AM	11	2	63	18.2%	39.7	51-55 MPH	335	1463	% Violators > 5 MPH PK	24.50%
5:00 AM	9	1	48	11.1%	35.2	56-60 MPH	39	242	% Violators > 10 MPH PK	3.90%
5:30 AM	9	2	54	22.2%	42.3	61+ MPH	12	38	% Violators > 15 MPH PK	0.50%
6:00 AM	6	2	47	33.3%	44.5				MPH Avg	42.1
6:30 AM	14	8	51	57.1%	38.0				Peak Speed	83
7:00 AM	22	6	56	27.3%	41.4				50th %tile	n/a
7:30 AM	37	22	83	59.5%	46.6				85th %tile	n/a
8:00 AM	61	24	54	39.3%	42.3				# Non-Speeders AVG	4942
8:30 AM	111	55	61	49.5%	43.8				# Non-Speeders PK	2919
9:00 AM	121	52	59	43.0%	43.8				# Speeders > 5 MPH AVG	386
9:30 AM	150	69	52	46.0%	43.8				# Speeders > 10 MPH AVG	51
10:00 AM	162	47	60	29.0%	40.7				# Speeders > 15 MPH AVG	12
10:30 AM	161	58	55	36.0%	41.7				# Speeders > 5 MPH PEAK	1743
11:00 AM	165	66	70	40.0%	42.4				# Speeders > 10 MPH PEAK	280
11:30 AM	192	69	55	35.9%	43.0				# Speeders > 15 MPH PEAK	38
12:00 PM	200	63	51	31.5%	42.3				Calculated Speed Limit	45
12:30 PM	212	78	59	36.8%	42.6				Avg. Daily Totals (ADT)	2374
1:00 PM	225	80	60	35.6%	42.7				Number of Days	3
1:30 PM	228	76	56	33.3%	43.0					

# vehicles in speed bin based on AVERAGE speed of vehicle

# vehicles in speed bin based on PEAK speed of vehicle

## Sample Streetsmart Reports-Daily



## Sample Streetsmart Reports-Weekly

