

StreetSmart traffic data reporting software allows you to format and display the traffic and speed data gathered from our radar speed signs to report, organize and analyze speed and traffic statistics. All of our radar speed signs contain an SD card that stores records on over 5 million vehicles as they approach and pass the sign. 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 radar speed sign 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:

- Vehicle Counts – Weekly, Daily, Hourly, ½ & ¼ hour data
- Speed Limit Violations – Weekly, Daily, Hourly, ½ & ¼ hour data
- % of Vehicles Speeding – Daily, Hourly, ½ & ¼ hour data
- Average Vehicle Speeds – Daily, Hourly, ½ & ¼ hour data
- Vehicle Average Speeds in 5 mph bins (16-20, 21-25, 26-30, 31-35 mph, etc.)
- Vehicle Peak Speeds in 5 mph bins (16-20, 21-25, 26-30, 31-35 mph, etc.)
- Daily 50th & 85th percentile speeds
- # and % of daily speeders > 5 mph over speed limit
- # and % of daily speeders > 10 mph over speed limit
- 30 day charts for trend analysis
- Customer selectable times for School Zone period data
- 2, 3, or 4 week data charts for trend analysis
- CSV data format

If customized tables, graphs or charts are needed, the speeding statistics collected by StreetSmart are available to work with as needed to show the effectiveness of a radar sign as a traffic calming solution.

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 traffic speed data is collected with the LED display off and compared with data captured with the LED display on
- 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

Computer Requirements:

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

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

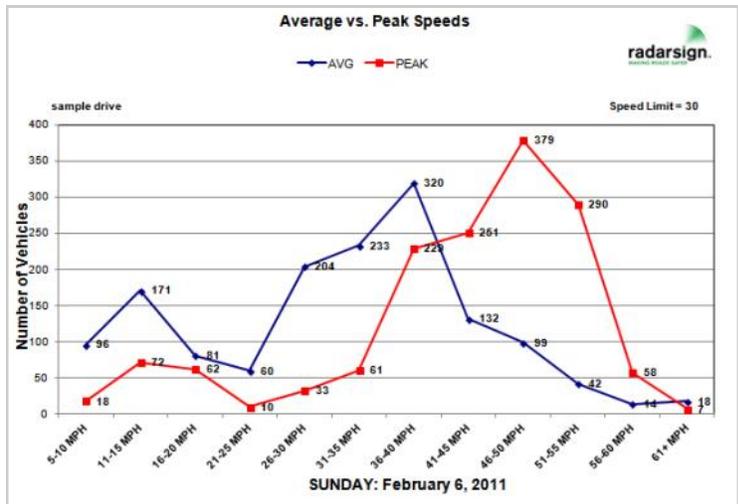
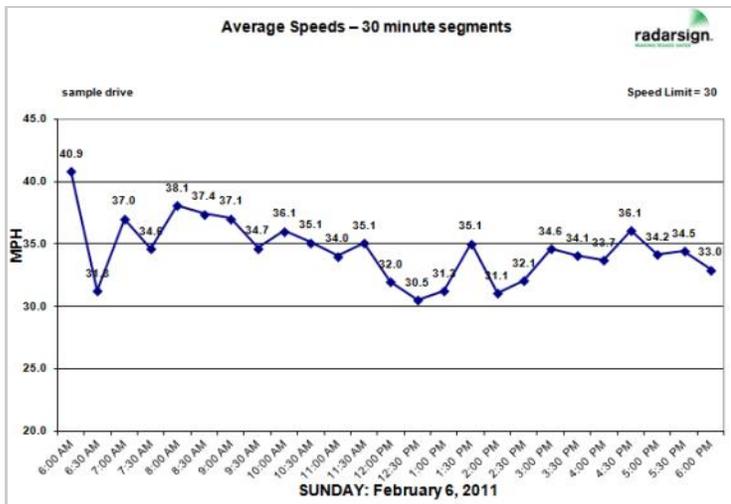
DAILY 1/2 HOUR SEGMENT RECORDS											
Day	Time	# Vehicles	# Violators	Peak MPH	% Violators	AVG. MPH	MPH Ranges	# Vehicles Avg	# Vehicles PS	Daily Summary	Totals
MONDAY	12:00 AM	11	9	54	81.8%	48.1	5-10 MPH	3	0	Date	5-Oct-09
MONDAY	12:30 AM	7	6	52	85.7%	44.1	11-15 MPH	10	1	Vehicle Count	2711
MONDAY	1:00 AM	15	13	55	86.7%	48.3	16-20 MPH	192	25	# Violations AVG	1670
MONDAY	1:30 AM	13	13	53	100.0%	50.2	21-25 MPH	245	74	% Violators AVG	61.6
MONDAY	2:00 AM	12	9	57	75.0%	48.0	26-30 MPH	591	264	# Violations PK	2020
MONDAY	2:30 AM	25	22	57	88.0%	49.1	31-35 MPH	419	327	% Violators PK	74.5
MONDAY	3:00 AM	25	23	56	92.0%	47.0	36-40 MPH	487	540	% Violators > 5mph AVG	28.2
MONDAY	3:30 AM	30	22	56	73.3%	43.2	41-45 MPH	210	364	% Violators > 10mph AVG	20.4
MONDAY	4:00 AM	47	33	57	70.2%	41.1	46-50 MPH	124	407	% Violators > 5mph PK	54.6
MONDAY	4:30 AM	62	39	55	62.9%	39.9	51-55 MPH	81	312	% Violators > 10mph PK	41.2
MONDAY	5:00 AM	71	49	56	69.0%	39.8	56-60 MPH	342	389	MPH Avg	38.5
MONDAY	5:30 AM	77	47	54	61.0%	37.9	61+ MPH	7	8	Peak Speed	72
MONDAY	6:00 AM	57	22	57	38.6%	35.6				50th %tile	41.0
MONDAY	6:30 AM	65	32	52	49.2%	36.2				85th %tile	50.0
MONDAY	7:00 AM	58	23	55	39.7%	35.2				# Non-Speeders AVG	1041
MONDAY	7:30 AM	76	40	55	52.6%	37.1				# Non-Speeders PK	691
MONDAY	8:00 AM	75	41	56	54.7%	36.5					
MONDAY	8:30 AM	86	50	53	58.1%	36.8					
MONDAY	9:00 AM	94	60	60	63.8%	37.8					
MONDAY	9:30 AM	78	44	55	56.4%	37.4					
MONDAY	10:00 AM	75	46	55	61.3%	38.3					
MONDAY	10:30 AM	79	52	56	65.8%	38.8					
MONDAY	11:00 AM	81	52	53	64.2%	37.9					

(total vehicles detected for the day)
 (# violators based on AVERAGE speed)
 (% of violators based on AVERAGE speed)
 (# violators based on PEAK speed)
 (% of violators based on PEAK speed)
 (% of violators > 5mph, based on AVERAGE speed)
 (% of violators > 10mph, based on AVERAGE speed)
 (% of violators > 5mph, based on PEAK speed)
 (% of violators > 10mph, based on PEAK speed)
 (Average vehicle speeds for the day)
 (Fastest vehicle speed for the day)
 (50th percentile speed for the day)
 (85th percentile speed for the day)
 (total vehicles not speeding, based on AVERAGE speed)
 (total vehicles not speeding, based on PEAK speed)

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

