

# Traffic Report

Sites:Site 02 (Chester Rd Nr Westway Junction) Solar Panel Assembly

Dates:Mon Dec 11 2017 - Sun Jun 10 2018

Directions:Eastbound

## Vehicle Speed Classes (Mph)

	<15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	>70	Total	85th Percentile	Average Voltage
00:00	27	35	188	819	1140	649	200	63	25	7	1	1	0	3155	37.1	12.61V
01:00	50	50	94	535	906	525	218	56	19	6	3	0	2	2464	38.0	12.61V
02:00	32	38	112	692	1019	548	220	67	22	9	2	1	1	2763	38.0	12.61V
03:00	34	39	154	968	1629	785	309	105	22	9	3	1	2	4060	37.7	12.61V
04:00	39	39	193	1438	2519	1596	665	284	51	8	1	0	0	6833	38.9	12.61V
05:00	92	97	395	3124	5772	3580	1260	329	77	21	4	1	1	14753	37.9	12.61V
06:00	205	334	1049	6443	9214	4423	1293	296	57	8	0	0	1	23323	36.3	12.61V
07:00	830	1170	3561	15247	9548	3071	701	118	14	5	0	0	0	34265	33.1	12.61V
08:00	1315	1466	5031	12361	8875	2809	621	109	12	3	1	1	0	32604	32.9	12.67V
09:00	651	902	2861	13246	11243	3241	617	69	9	3	0	1	0	32843	33.3	12.80V
10:00	761	1013	2996	14961	12010	3153	629	65	12	2	0	0	0	35602	32.9	12.70V
11:00	776	1018	3215	16070	12644	3257	610	79	10	1	0	2	1	37683	32.8	12.72V
12:00	660	1076	2873	15626	13372	3584	713	85	14	2	2	0	0	38007	33.1	12.61V
13:00	633	973	2694	14609	13616	3756	823	123	20	6	1	0	0	37254	33.5	12.63V
14:00	1022	1524	5035	17386	11369	2984	572	83	9	4	0	0	0	39988	32.3	12.61V
15:00	831	1345	3401	17472	13578	3691	822	111	11	2	1	1	0	41266	32.9	12.75V
16:00	709	1137	2686	15629	14610	4138	905	133	19	2	0	1	1	39970	33.5	12.64V
17:00	588	991	2320	13190	13951	4238	940	141	24	7	6	0	0	36396	33.9	12.68V
18:00	454	692	1615	8704	10424	3813	912	187	33	7	1	0	0	26842	34.8	12.61V
19:00	267	496	1225	6510	7855	3071	829	171	41	9	2	0	0	20476	35.2	12.61V
20:00	175	279	1019	5182	5361	2220	565	134	32	8	1	0	0	14976	35.1	12.61V
21:00	125	194	835	4450	4455	1834	516	132	41	8	5	0	1	12596	35.3	12.61V
22:00	52	118	566	2836	3834	1709	483	114	28	12	4	0	0	9756	35.9	12.61V
23:00	37	64	336	1575	2383	1040	332	100	42	9	1	1	0	5920	36.5	12.61V
AM Total	4812	6201	19849	85904	76519	27637	7343	1640	330	82	15	8	8			
PM Total	5553	8889	24605	123169	114808	36078	8412	1514	314	76	24	3	2			
Total	10365	15090	44454	209073	191327	63715	15755	3154	644	158	39	11	10			
Percent	1.87%	2.72%	8.03%	37.75%	34.55%	11.51%	2.84%	0.57%	0.12%	0.03%	0.01%	0.00%	0.00%			

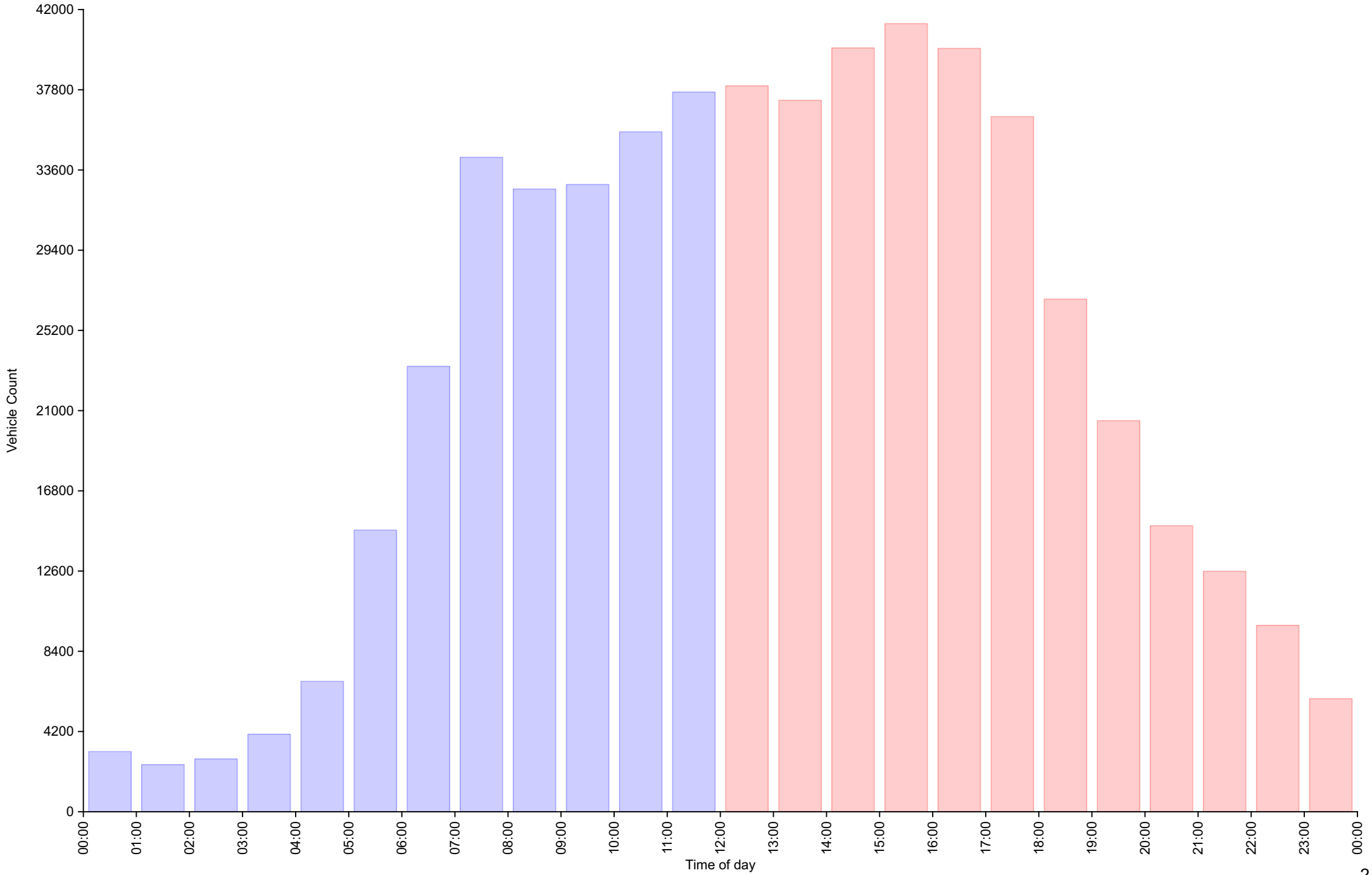
Total Vehicles : 553795

30th Percentile : 26.9 MPH  
 50th Percentile : 29.0 MPH  
 85th Percentile : 34.0 MPH  
 95th Percentile : 37.9 MPH

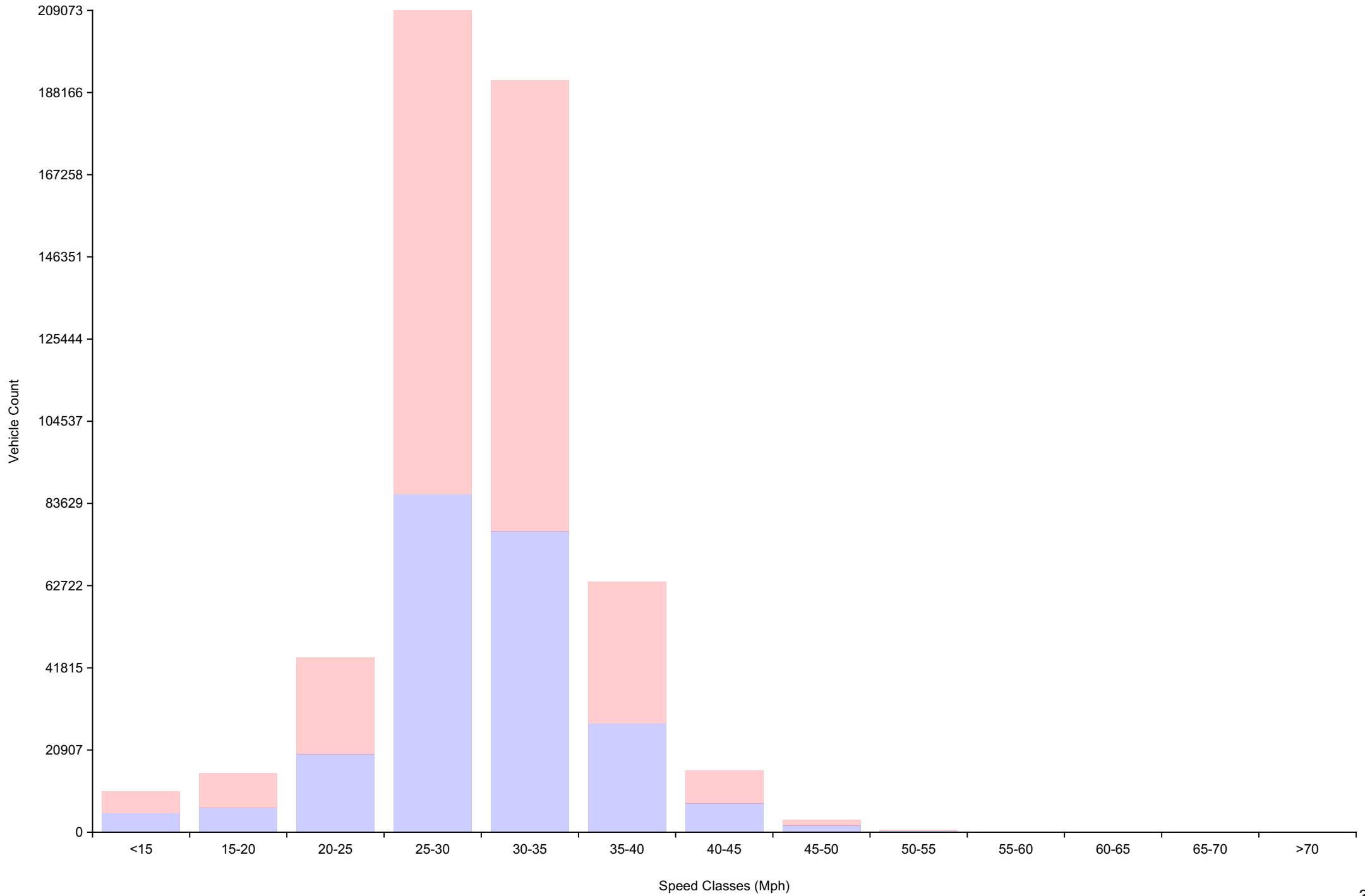
Average Speed : 29.5 MPH  
 Highest Speed : 104.0 MPH

Total Over Speed Limit : 43.2 % (239513 / 553795)

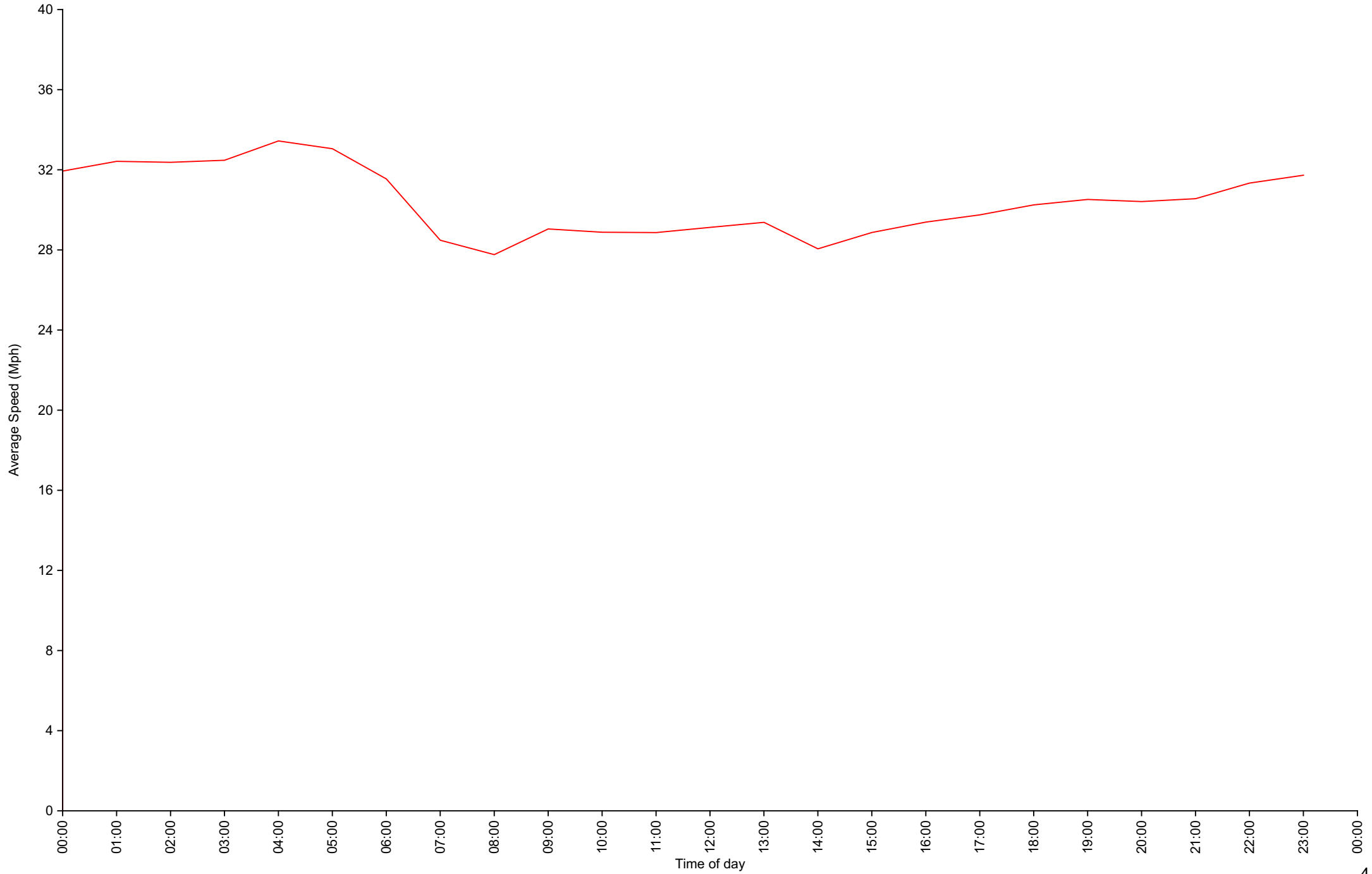
# Vehicle Counts By Hour (60 Minute Resolution)



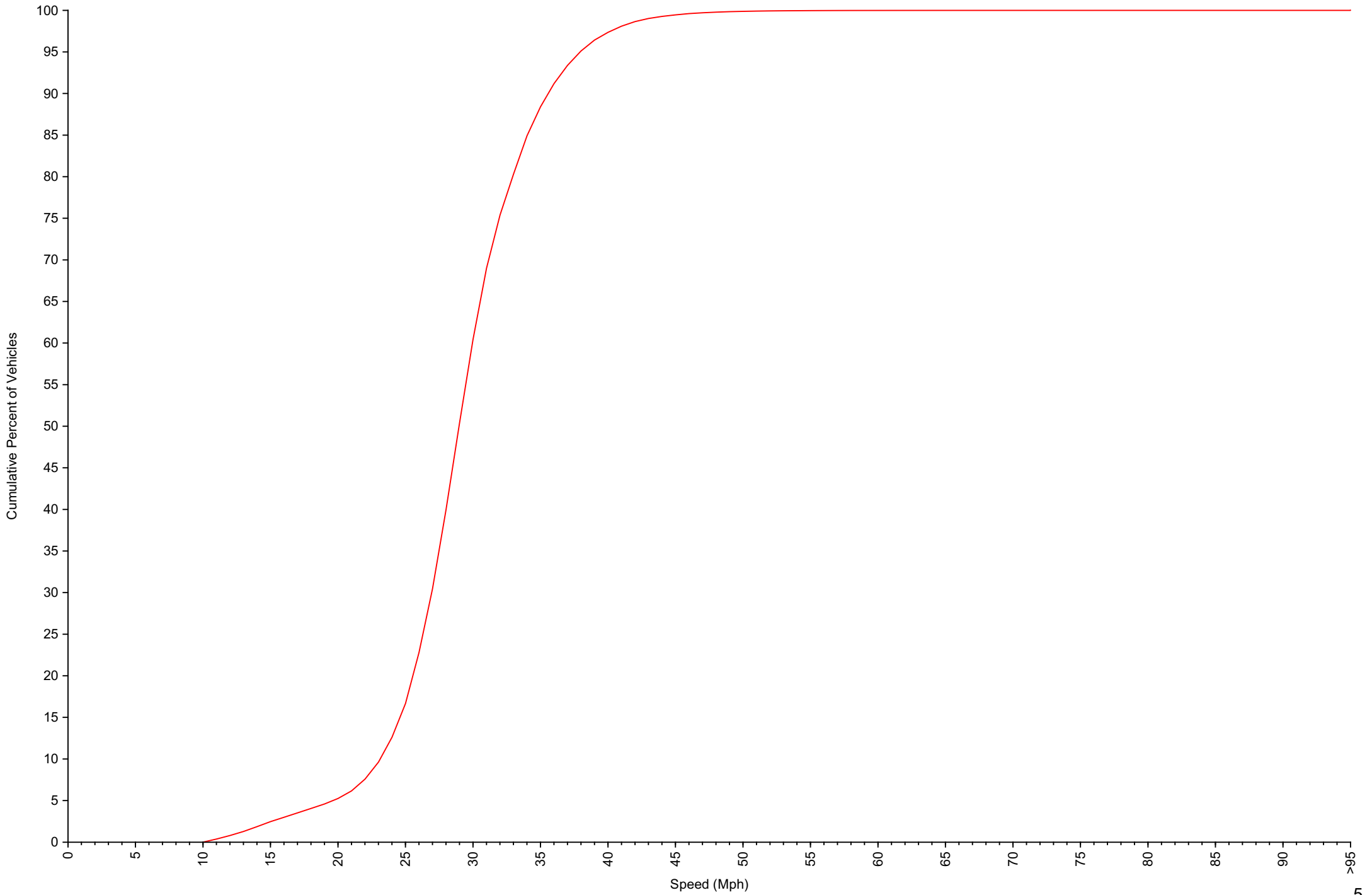
# Vehicle Counts By Speed Class



# Average Speed By Hour (60 Minute Resolution)



# Cumulative Speed Distribution Curve



Voltage by hour  
(5 Minute Resolution)

