

Traffic Report

Sites:Site 01 (Chester Rd Nr St Andrews Drive) Solar Panel Assembly

Dates:Mon Jul 16 2018 - Wed Oct 31 2018

Directions:Westbound

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 | 156 | 192 | 773 | 3949 | 3512 | 1251 | 277 | 83 | 20 | 6 | 5 | 0 | 0 | 10224 | 34.3 | 12.61V |
| 01:00 | 139 | 134 | 609 | 3379 | 2308 | 1089 | 253 | 66 | 10 | 5 | 1 | 0 | 0 | 7993 | 34.7 | 12.61V |
| 02:00 | 77 | 89 | 424 | 3238 | 2471 | 1320 | 332 | 81 | 22 | 4 | 1 | 0 | 0 | 8059 | 35.4 | 12.61V |
| 03:00 | 61 | 68 | 370 | 2465 | 2996 | 1464 | 445 | 134 | 44 | 8 | 1 | 0 | 0 | 8056 | 36.5 | 12.61V |
| 04:00 | 157 | 137 | 466 | 3091 | 4212 | 1861 | 483 | 133 | 30 | 4 | 1 | 0 | 0 | 10575 | 35.8 | 12.61V |
| 05:00 | 212 | 169 | 750 | 4082 | 8277 | 4732 | 1252 | 273 | 78 | 7 | 0 | 0 | 0 | 19832 | 36.8 | 12.61V |
| 06:00 | 545 | 322 | 1068 | 7152 | 13935 | 5048 | 1084 | 226 | 53 | 9 | 1 | 0 | 0 | 29443 | 35.2 | 12.61V |
| 07:00 | 1015 | 745 | 1727 | 13754 | 13921 | 3327 | 645 | 88 | 20 | 2 | 0 | 1 | 0 | 35245 | 33.2 | 12.61V |
| 08:00 | 1558 | 1141 | 4429 | 14874 | 9797 | 2375 | 465 | 66 | 14 | 5 | 1 | 0 | 2 | 34727 | 32.0 | 12.61V |
| 09:00 | 1429 | 884 | 2420 | 15805 | 11848 | 2343 | 475 | 51 | 14 | 1 | 0 | 0 | 0 | 35270 | 32.2 | 12.61V |
| 10:00 | 1552 | 881 | 2503 | 17383 | 11573 | 2419 | 414 | 53 | 11 | 2 | 0 | 0 | 0 | 36791 | 31.9 | 12.87V |
| 11:00 | 1471 | 1021 | 2355 | 18242 | 11881 | 2476 | 455 | 54 | 8 | 1 | 1 | 0 | 0 | 37965 | 31.8 | 12.61V |
| 12:00 | 1479 | 1066 | 2533 | 17150 | 11874 | 2577 | 508 | 45 | 6 | 1 | 1 | 0 | 0 | 37240 | 32.0 | 12.61V |
| 13:00 | 1275 | 979 | 2359 | 17257 | 12849 | 2691 | 551 | 78 | 4 | 4 | 0 | 1 | 0 | 38048 | 32.1 | 12.91V |
| 14:00 | 1572 | 1159 | 2686 | 18628 | 11728 | 2435 | 520 | 73 | 6 | 4 | 0 | 0 | 0 | 38811 | 31.8 | 12.61V |
| 15:00 | 1614 | 1240 | 3267 | 16690 | 10994 | 2395 | 496 | 57 | 7 | 4 | 1 | 0 | 0 | 36765 | 31.9 | 12.61V |
| 16:00 | 1386 | 1004 | 2035 | 14803 | 12983 | 2888 | 607 | 92 | 10 | 1 | 0 | 1 | 0 | 35810 | 32.7 | 12.61V |
| 17:00 | 1396 | 1069 | 1675 | 12153 | 12187 | 3107 | 703 | 116 | 17 | 4 | 1 | 0 | 0 | 32428 | 33.4 | 12.61V |
| 18:00 | 1291 | 914 | 1519 | 10584 | 11300 | 3110 | 675 | 92 | 16 | 2 | 0 | 0 | 0 | 29503 | 33.6 | 12.61V |
| 19:00 | 1215 | 784 | 1566 | 9892 | 9327 | 2709 | 605 | 104 | 30 | 1 | 2 | 1 | 0 | 26236 | 33.6 | 12.61V |
| 20:00 | 962 | 650 | 1364 | 8103 | 7964 | 2285 | 495 | 91 | 19 | 3 | 2 | 0 | 0 | 21938 | 33.6 | 12.61V |
| 21:00 | 719 | 525 | 1271 | 7641 | 7668 | 2241 | 400 | 81 | 22 | 5 | 2 | 2 | 0 | 20577 | 33.7 | 12.61V |
| 22:00 | 491 | 409 | 1303 | 7840 | 6639 | 1791 | 346 | 83 | 16 | 5 | 1 | 0 | 1 | 18925 | 33.3 | 12.61V |
| 23:00 | 399 | 362 | 1080 | 5815 | 5583 | 1551 | 252 | 48 | 14 | 10 | 5 | 0 | 0 | 15119 | 33.5 | 12.61V |
| AM Total | 8372 | 5783 | 17894 | 107414 | 96731 | 29705 | 6580 | 1308 | 324 | 54 | 12 | 1 | 2 | | | |
| PM Total | 13799 | 10161 | 22658 | 146556 | 121096 | 29780 | 6158 | 960 | 167 | 44 | 15 | 5 | 1 | | | |
| Total | 22171 | 15944 | 40552 | 253970 | 217827 | 59485 | 12738 | 2268 | 491 | 98 | 27 | 6 | 3 | | | |
| Percent | 3.54% | 2.55% | 6.48% | 40.60% | 34.82% | 9.51% | 2.04% | 0.36% | 0.08% | 0.02% | 0.00% | 0.00% | 0.00% | | | |

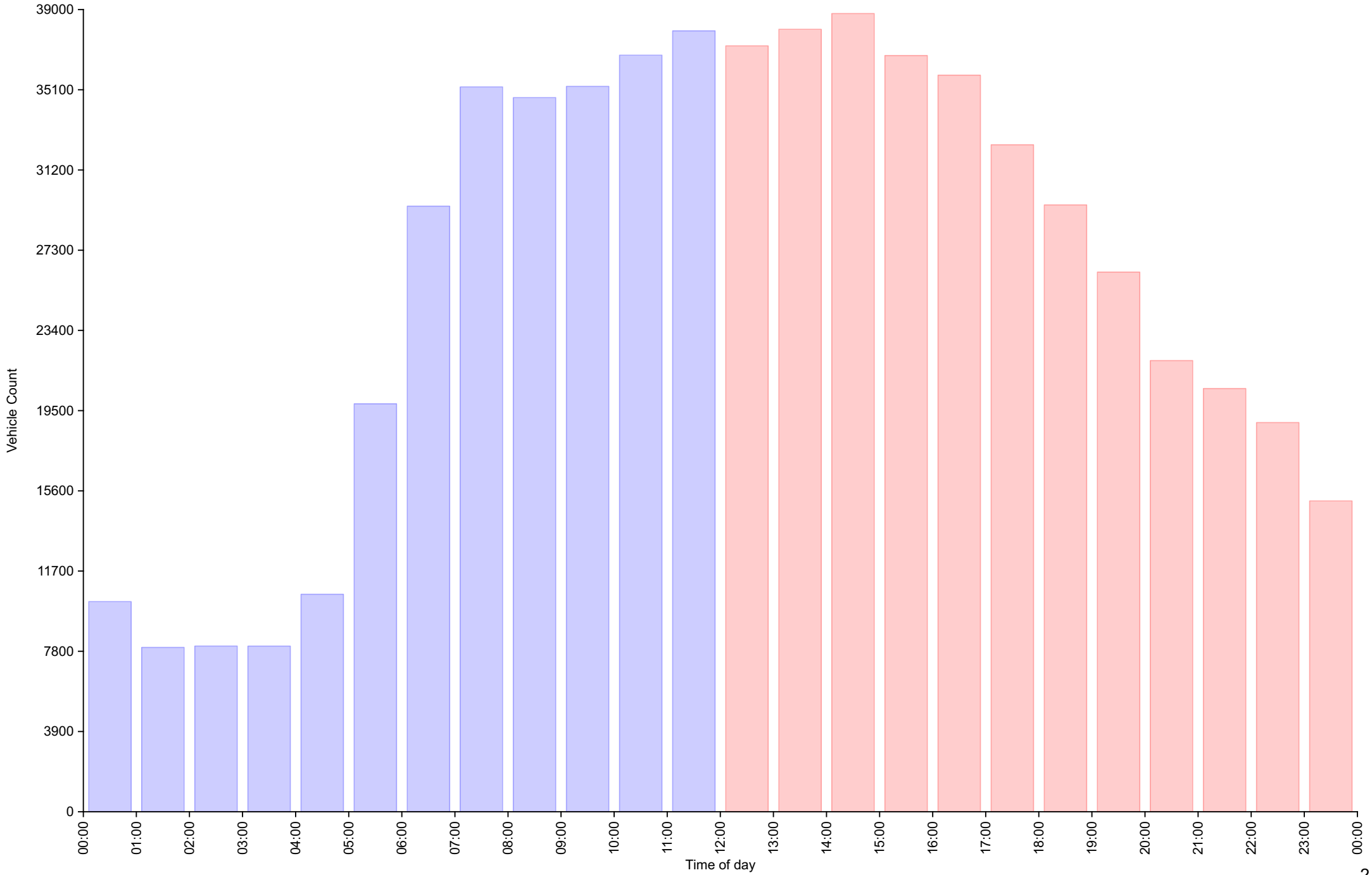
Total Vehicles : 625580

30th Percentile : 27.0 MPH
 50th Percentile : 28.7 MPH
 85th Percentile : 33.3 MPH
 95th Percentile : 36.9 MPH

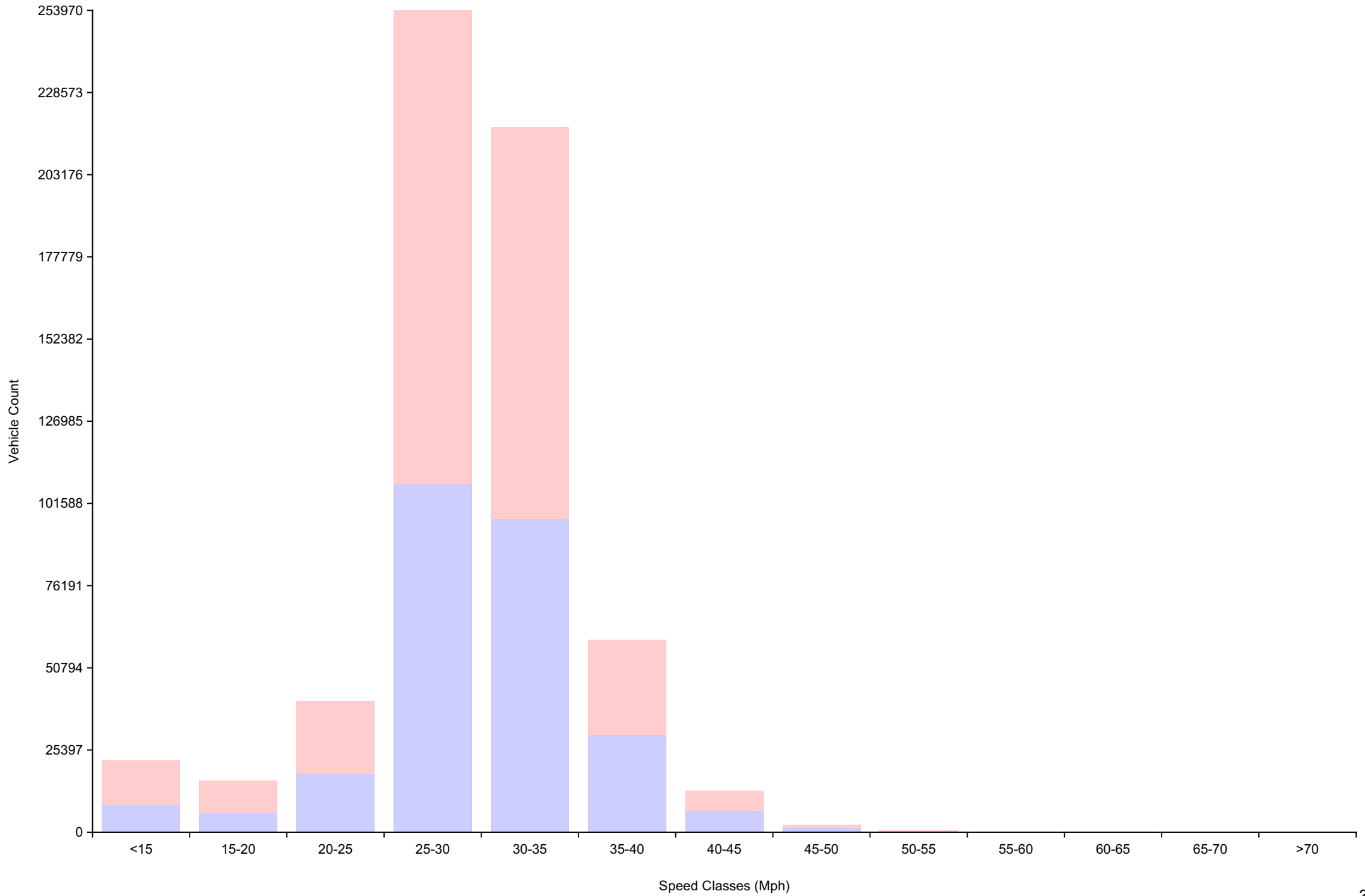
Average Speed : 29.0 MPH
 Highest Speed : 80.0 MPH

Total Over Speed Limit : 40.0 % (250189 / 625580)

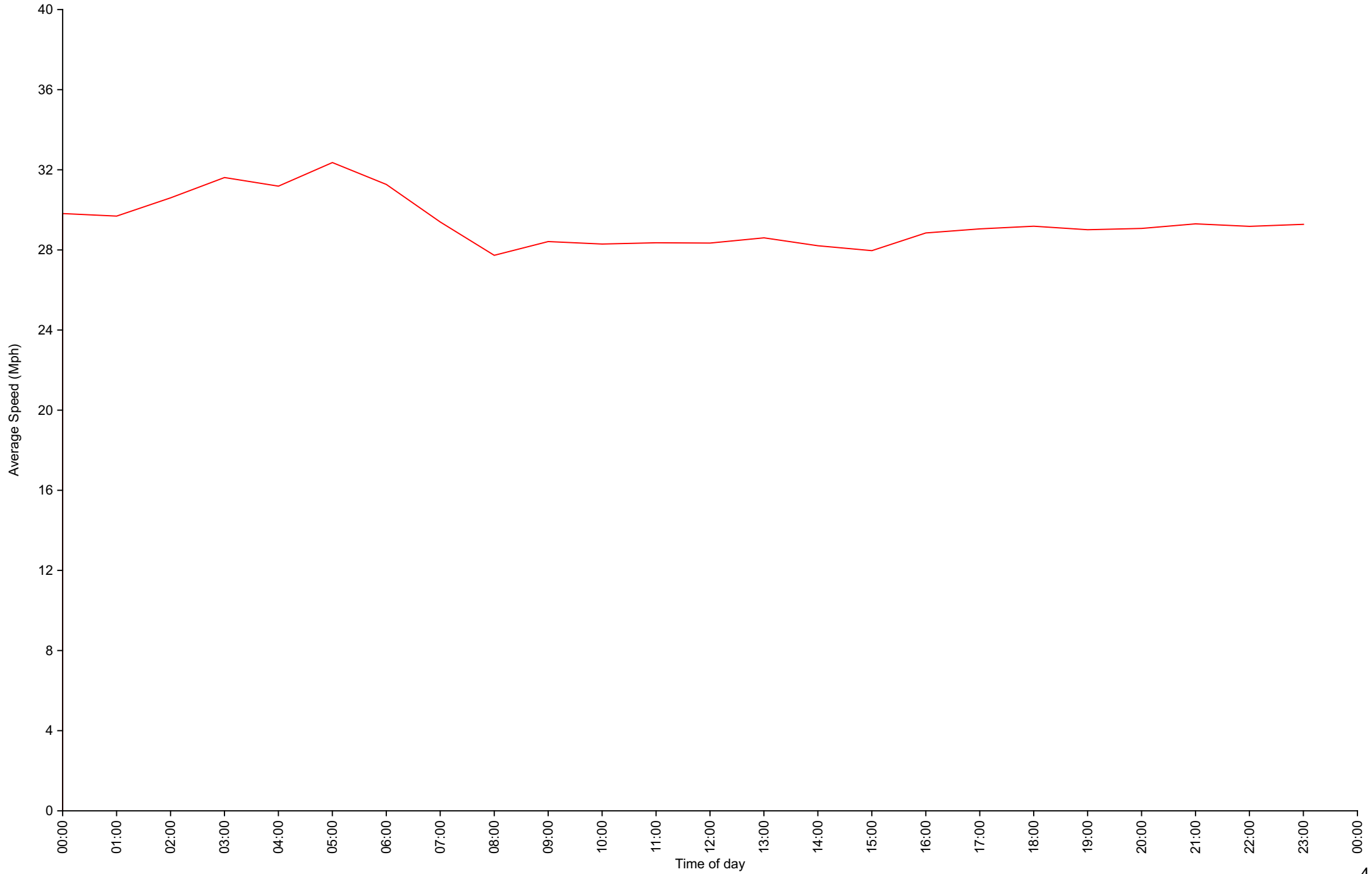
Vehicle Counts By Hour (60 Minute Resolution)



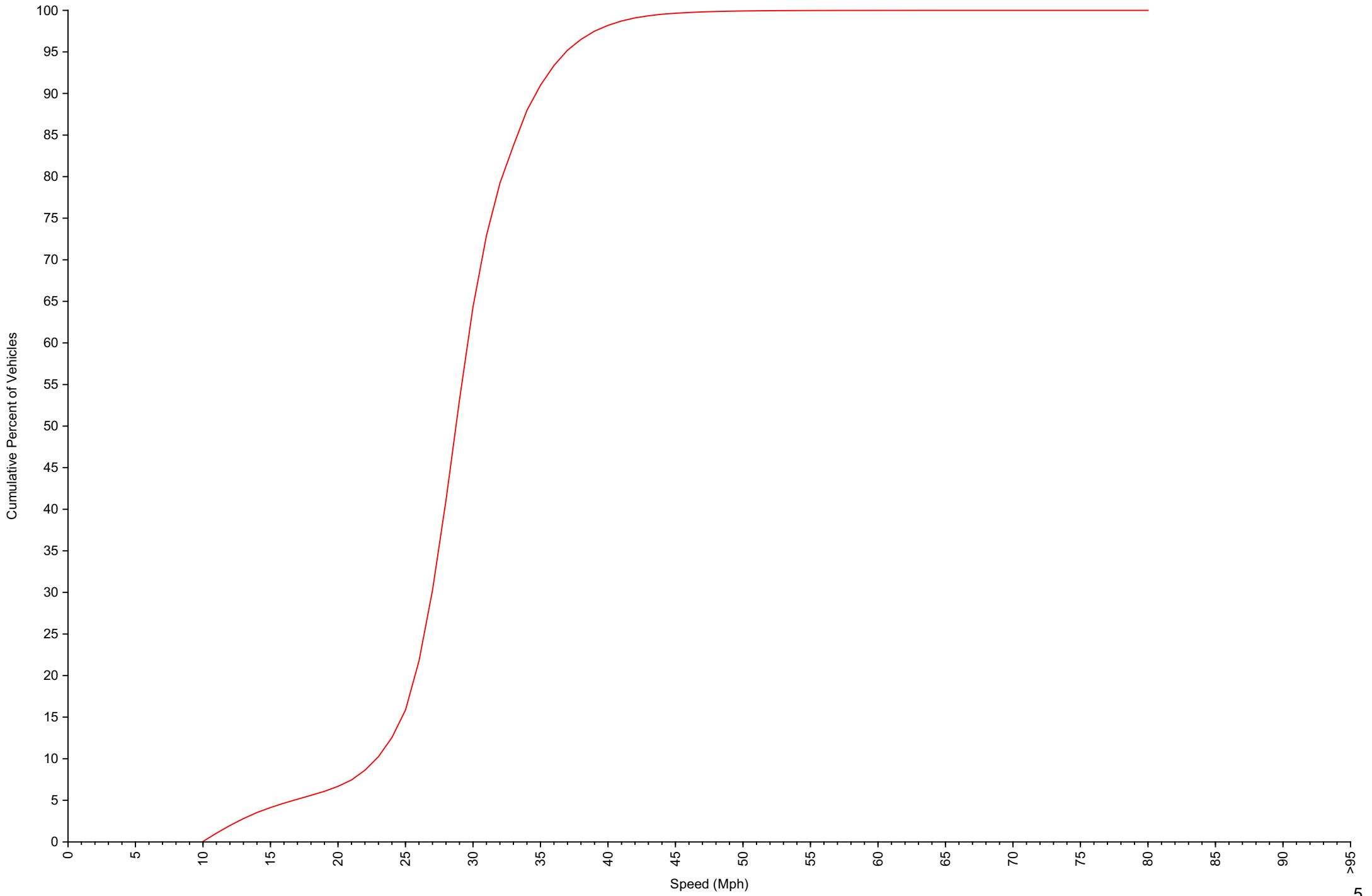
Vehicle Counts By Speed Class



Average Speed By Hour (60 Minute Resolution)



Cumulative Speed Distribution Curve



Voltage by hour
(5 Minute Resolution)

