

Traffic Report - Newcastle Road Q3 2024

Traffic Overview from Mon Jul 1 2024 to Tue Oct 1 2024

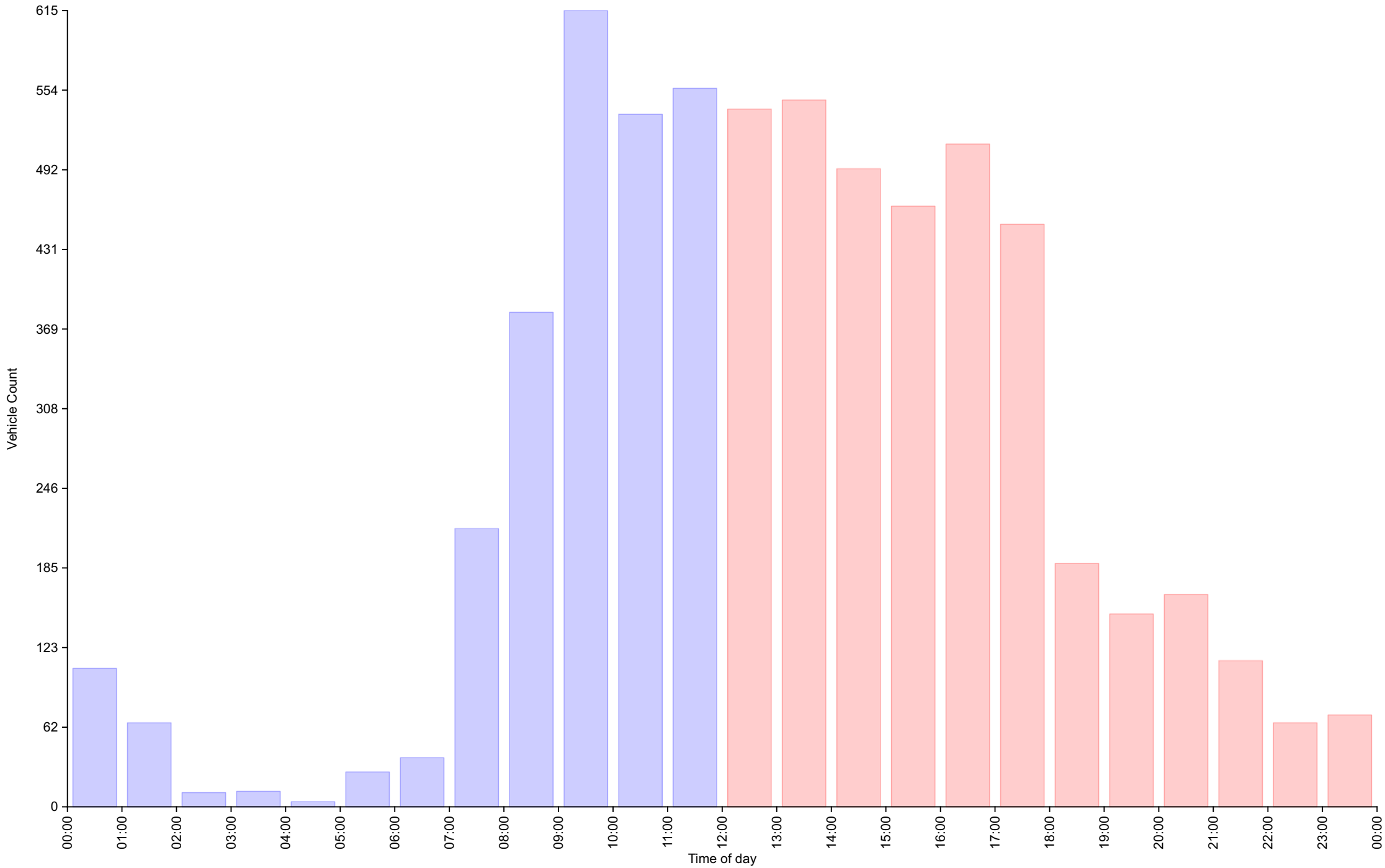
Vehicle Speed Classes (Mph)

|             | <15   | 15<br>20 | 20<br>25 | 25<br>30 | 30<br>35 | 35<br>40 | 40<br>45 | 45<br>50 | 50<br>55 | 55<br>60 | 60<br>65 | 65<br>70 | >70   | Total | 85th<br>Percentile |
|-------------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-------|--------------------|
| Time of day | 00:00 | 0        | 0        | 13       | 37       | 25       | 23       | 7        | 2        | 0        | 0        | 0        | 0     | 107   | 41.8               |
|             | 01:00 | 0        | 0        | 1        | 13       | 16       | 9        | 6        | 0        | 1        | 0        | 0        | 0     | 65    | 42.9               |
|             | 02:00 | 0        | 0        | 0        | 2        | 9        | 0        | 0        | 0        | 0        | 0        | 0        | 0     | 11    | 32.7               |
|             | 03:00 | 0        | 0        | 0        | 4        | 5        | 3        | 0        | 0        | 0        | 0        | 0        | 0     | 12    | 34.6               |
|             | 04:00 | 0        | 0        | 0        | 0        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0     | 4     | 31.7               |
|             | 05:00 | 0        | 0        | 0        | 0        | 5        | 4        | 8        | 8        | 2        | 0        | 0        | 0     | 27    | 46.9               |
|             | 06:00 | 0        | 0        | 0        | 2        | 3        | 7        | 11       | 10       | 4        | 1        | 0        | 0     | 38    | 48.3               |
|             | 07:00 | 0        | 5        | 16       | 51       | 45       | 59       | 27       | 9        | 3        | 0        | 0        | 0     | 215   | 40.0               |
|             | 08:00 | 3        | 3        | 18       | 61       | 106      | 119      | 54       | 17       | 1        | 0        | 0        | 0     | 382   | 40.2               |
|             | 09:00 | 1        | 1        | 25       | 83       | 210      | 196      | 77       | 18       | 3        | 1        | 0        | 0     | 615   | 39.3               |
|             | 10:00 | 1        | 4        | 31       | 88       | 196      | 143      | 58       | 12       | 1        | 1        | 0        | 0     | 535   | 38.7               |
|             | 11:00 | 1        | 6        | 27       | 76       | 195      | 169      | 57       | 18       | 4        | 1        | 1        | 0     | 555   | 38.9               |
|             | 12:00 | 1        | 2        | 39       | 94       | 186      | 160      | 37       | 17       | 1        | 0        | 2        | 0     | 539   | 38.2               |
|             | 13:00 | 0        | 3        | 34       | 95       | 175      | 153      | 64       | 18       | 3        | 1        | 0        | 0     | 546   | 39.2               |
|             | 14:00 | 0        | 6        | 21       | 84       | 164      | 137      | 53       | 22       | 5        | 1        | 0        | 0     | 493   | 39.5               |
|             | 15:00 | 0        | 3        | 27       | 82       | 142      | 146      | 54       | 9        | 1        | 0        | 0        | 0     | 464   | 38.8               |
|             | 16:00 | 0        | 2        | 26       | 63       | 144      | 175      | 76       | 21       | 4        | 1        | 0        | 0     | 512   | 39.9               |
|             | 17:00 | 0        | 5        | 29       | 47       | 156      | 137      | 59       | 16       | 1        | 0        | 0        | 0     | 450   | 39.4               |
|             | 18:00 | 0        | 2        | 6        | 25       | 65       | 50       | 31       | 7        | 2        | 0        | 0        | 0     | 188   | 40.3               |
|             | 19:00 | 0        | 0        | 10       | 25       | 54       | 28       | 20       | 10       | 2        | 0        | 0        | 0     | 149   | 40.5               |
|             | 20:00 | 0        | 0        | 9        | 30       | 67       | 36       | 18       | 3        | 1        | 0        | 0        | 0     | 164   | 38.5               |
|             | 21:00 | 0        | 0        | 6        | 24       | 35       | 27       | 13       | 5        | 1        | 2        | 0        | 0     | 113   | 40.3               |
|             | 22:00 | 0        | 0        | 2        | 11       | 21       | 17       | 9        | 3        | 2        | 0        | 0        | 0     | 65    | 40.6               |
|             | 23:00 | 0        | 0        | 0        | 30       | 17       | 16       | 7        | 1        | 0        | 0        | 0        | 0     | 0     | 71                 |
| AM Total    | 6     | 19       | 118      | 393      | 831      | 734      | 334      | 105      | 20       | 5        | 1        | 0        | 0     |       |                    |
| PM Total    | 1     | 23       | 209      | 610      | 1226     | 1082     | 441      | 132      | 23       | 5        | 2        | 0        | 0     |       |                    |
| Total       | 7     | 42       | 327      | 1003     | 2057     | 1816     | 775      | 237      | 43       | 10       | 3        | 0        | 0     |       |                    |
| Percent     | 0.11% | 0.66%    | 5.17%    | 15.87%   | 32.55%   | 28.73%   | 12.26%   | 3.75%    | 0.68%    | 0.16%    | 0.05%    | 0.00%    | 0.00% |       |                    |

Total Vehicles : 6320  
30th Percentile : 30.5 MPH  
50th Percentile : 33.4 MPH  
85th Percentile : 39.6 MPH  
95th Percentile : 43.6 MPH  
Average Speed : 34.1 MPH  
Highest Speed : 63.0 MPH  
Total Over Speed Limit : 78.2 % (4941 / 6320)

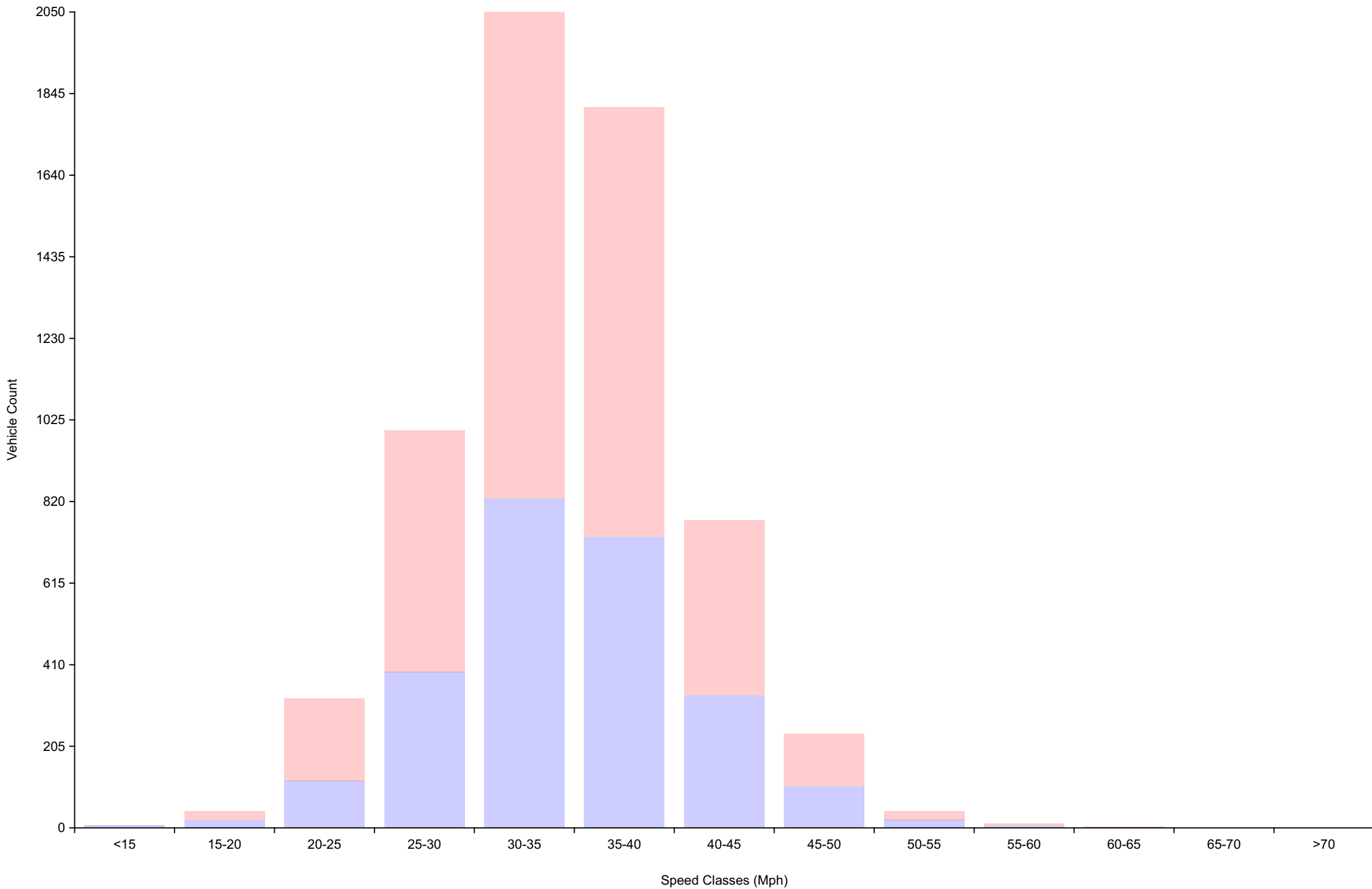
# Vehicle Counts By Hour

Traffic Overview from Mon Jul 1 2024 to Tue Oct 1 2024  
(60 Minute Resolution)



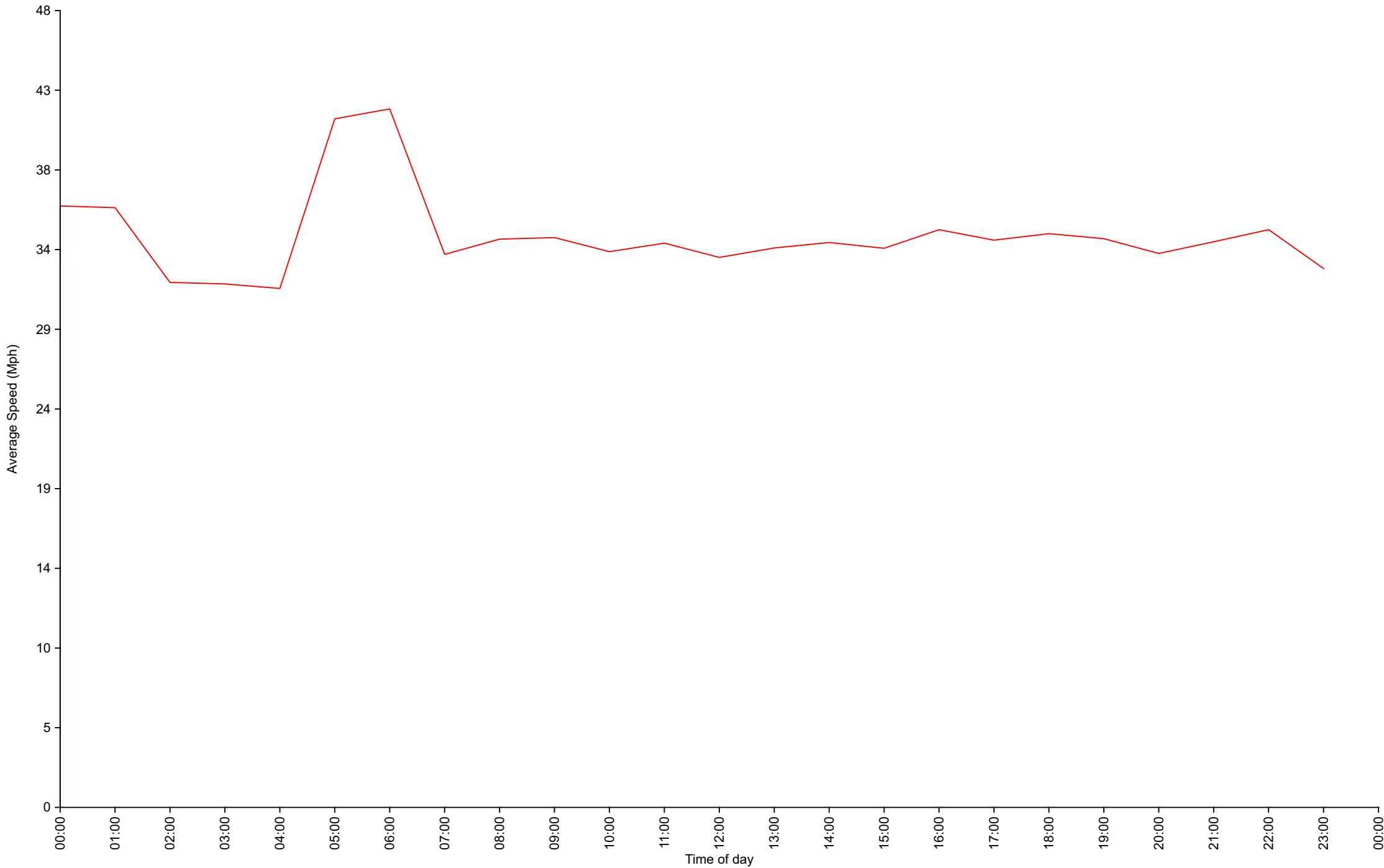
# Vehicle Counts By Speed Class

## Traffic Overview from Mon Jul 1 2024 to Tue Oct 1 2024



# Average Speed By Hour

Traffic Overview from Mon Jul 1 2024 to Tue Oct 1 2024  
(60 Minute Resolution)



Cumulative Speed Distribution Curve  
Traffic Overview from Mon Jul 1 2024 to Tue Oct 1 2024

