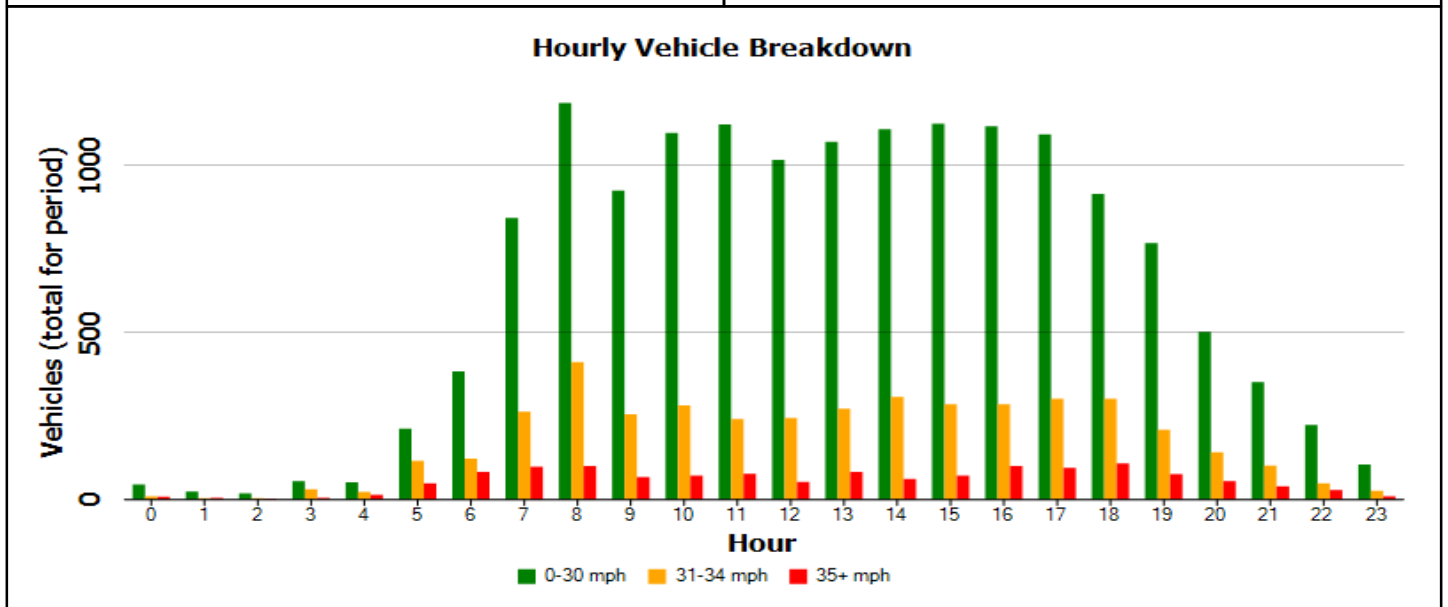


Haverhill - Vehicle Speed Analysis

Howe Road Southbound

21 Jun 2020 17:15 to 11 Jul 2020 15:50

| Speeding Summary | | | Speed Breakdown | | |
|---|------------------|-------|-----------------|---------------|-------|
| Speed (MPH) | Vehicles | %age | Speed (MPH) | Vehicles | %age |
| 0-30 | 15,336 | 73.1% | 0-20 | 4,036 | 19.2% |
| 31-34 | 4,276 | 20.4% | 21-25 | 3,762 | 17.9% |
| 35-49 | 1,346 | 6.4% | 26-30 | 7,538 | 35.9% |
| 50+ | 12 | 0.1% | 31-34 | 4,276 | 20.4% |
| Total: | 20,970 | | 36-40 | 1,119 | 5.3% |
| Max Speed: | 56 MPH | | 41-45 | 203 | 1.0% |
| 85%: | 33.42 MPH | | 46-50 | 24 | 0.1% |
| Locations where 85% value >34mph are candidate for police enforcement | | | 51-60 | 12 | 0.1% |
| | | | Total: | 20,970 | |



| Weekday Hours (Number Of Vehicles) | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MPH | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |
| 50+ | | | | | | | 1 | | 2 | | | | | | | | | 2 | 1 | | | 1 | | |
| 35-49 | 4 | 5 | 1 | 5 | 9 | 46 | 71 | 90 | 80 | 55 | 51 | 58 | 39 | 74 | 44 | 57 | 83 | 85 | 86 | 59 | 42 | 27 | 22 | 6 |
| 31-34 | 5 | 2 | 1 | 29 | 20 | 109 | 110 | 232 | 379 | 197 | 211 | 158 | 187 | 206 | 229 | 217 | 239 | 248 | 233 | 155 | 100 | 72 | 38 | 19 |
| 0-30 | 21 | 13 | 9 | 41 | 42 | 194 | 347 | 758 | 1071 | 707 | 831 | 814 | 699 | 781 | 852 | 871 | 953 | 899 | 736 | 590 | 366 | 269 | 170 | 81 |
| Weekend Hours (Number Of Vehicles) | | | | | | | | | | | | | | | | | | | | | | | | |
| MPH | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |
| 50+ | 1 | | 1 | | | | | | | | | | | | 1 | | | | 1 | | 1 | | | |
| 35-49 | 3 | | 1 | | 5 | 2 | 10 | 8 | 18 | 12 | 20 | 19 | 14 | 9 | 17 | 14 | 17 | 8 | 20 | 17 | 12 | 11 | 6 | 4 |
| 31-34 | 4 | 2 | 3 | 1 | 3 | 7 | 12 | 31 | 32 | 58 | 70 | 82 | 57 | 65 | 78 | 68 | 46 | 53 | 68 | 53 | 41 | 29 | 10 | 7 |
| 0-30 | 24 | 11 | 9 | 14 | 10 | 18 | 36 | 84 | 114 | 216 | 265 | 307 | 316 | 288 | 255 | 252 | 163 | 192 | 177 | 176 | 135 | 82 | 53 | 24 |

Haverhill - Vehicle Speed Analysis

Howe Road Southbound

21 Jun 2020 17:15 to 11 Jul 2020 15:50

| 85% Speeds By Hour By Day | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |
| Sun 21 Jun | | | | | | | | | | | | | | | | | | 30.6 | 33.9 | 33.6 | 31.7 | 32.5 | 34.4 | 33.5 |
| Mon 22 Jun | 29.9 | 46.6 | | 33.7 | 37.1 | 38.3 | 37.2 | 34.3 | 33.9 | 33.2 | 34.0 | 32.6 | 31.2 | 33.1 | 31.7 | 33.1 | 33.6 | 33.9 | 31.7 | 33.5 | 33.8 | 34.8 | 35.2 | 34.0 |
| Tue 23 Jun | | | | 33.5 | 38.1 | 36.6 | 36.1 | 34.0 | 34.4 | 35.0 | 32.1 | 31.3 | 32.5 | 35.5 | 31.5 | 33.2 | 33.7 | 32.2 | 33.9 | 32.8 | 34.8 | 34.3 | 36.2 | 40.0 |
| Wed 24 Jun | 33.7 | | | 35.9 | 39.0 | 36.1 | 36.8 | 34.6 | 33.4 | 32.6 | 31.7 | 35.0 | 35.3 | 34.0 | 33.7 | 34.6 | 32.1 | 37.3 | 34.1 | 32.4 | 33.1 | 34.1 | 36.2 | 30.8 |
| Thu 25 Jun | 35.0 | | 25.6 | 32.2 | 34.4 | 35.7 | 35.8 | 34.6 | 33.8 | 33.7 | 34.9 | 33.4 | 30.7 | 32.8 | 33.5 | 33.8 | 32.8 | 33.6 | 33.9 | 34.3 | 33.4 | 32.0 | 32.0 | 31.8 |
| Fri 26 Jun | 36.7 | 31.0 | | 31.6 | 35.7 | 37.2 | 35.7 | 26.3 | 33.3 | 34.6 | 31.2 | 32.1 | 33.9 | 34.3 | 33.3 | 33.5 | 34.6 | 33.8 | 35.3 | 34.6 | 33.4 | 32.2 | 35.8 | 31.8 |
| Sat 27 Jun | 30.1 | | 31.6 | 29.5 | 39.6 | 34.9 | 37.9 | 34.3 | 36.1 | 32.4 | 33.5 | 32.9 | 29.1 | 33.3 | 33.7 | 32.0 | 33.1 | 33.5 | 33.6 | 34.4 | 33.0 | 36.2 | 35.2 | 34.9 |
| Sun 28 Jun | 40.3 | 31.8 | 54.6 | 27.5 | 38.7 | 28.7 | 34.8 | 34.1 | 34.6 | 32.4 | 33.1 | 32.5 | 33.4 | 32.4 | 34.4 | 33.4 | 35.1 | 33.5 | 37.2 | 33.8 | 32.4 | 34.6 | 38.9 | 23.7 |
| Mon 29 Jun | 34.6 | 36.2 | | 37.7 | 34.2 | 37.7 | 35.0 | 35.0 | 33.0 | 32.3 | 31.3 | 32.3 | 32.7 | 32.9 | 33.6 | 33.8 | 34.7 | 33.1 | 33.9 | 33.4 | 35.7 | 32.4 | 33.0 | 28.7 |
| Tue 30 Jun | | | | 33.2 | 32.1 | 37.8 | 37.2 | 35.3 | 34.3 | 33.8 | 32.5 | 33.6 | 33.7 | 33.3 | 31.3 | 32.6 | 31.8 | 34.1 | 32.7 | 33.4 | 34.3 | 35.5 | 35.2 | 28.5 |
| Wed 01 Jul | | 27.5 | | 32.5 | 32.5 | 36.3 | 35.0 | 33.7 | 34.5 | 33.2 | 33.4 | 34.2 | 32.4 | 34.4 | 33.1 | 34.0 | 34.9 | 34.3 | 34.1 | 33.1 | 33.1 | 35.9 | 31.1 | 33.2 |
| Thu 02 Jul | 27.5 | | | 33.2 | 36.2 | 36.6 | 37.3 | 34.7 | 33.6 | 30.9 | 33.1 | 32.9 | 31.6 | 33.7 | 33.3 | 30.5 | 33.4 | 32.6 | 34.2 | 35.3 | 32.2 | 32.0 | 39.5 | 29.6 |
| Fri 03 Jul | | 40.3 | 27.5 | 35.2 | 33.1 | 36.4 | 32.9 | 35.3 | 34.3 | 33.3 | 33.4 | 32.7 | 33.1 | 30.2 | 31.0 | 30.7 | 32.2 | 33.1 | 33.7 | 33.9 | 34.7 | 33.0 | 31.9 | 33.1 |
| Sat 04 Jul | 38.1 | 32.5 | 30.7 | 32.5 | 42.2 | 32.7 | 34.3 | 34.3 | 36.6 | 33.9 | 33.2 | 34.0 | 31.8 | 31.4 | 31.4 | 32.6 | 33.2 | 31.8 | 32.7 | 32.0 | 36.5 | 36.9 | 32.6 | 35.2 |
| Sun 05 Jul | 36.3 | 24.0 | 31.3 | 28.5 | 40.7 | | 33.9 | 33.1 | 32.5 | 33.2 | 32.9 | 32.3 | 31.5 | 31.5 | 33.9 | 31.2 | 33.8 | 34.2 | 35.3 | 33.8 | 34.4 | 32.7 | 31.0 | 38.4 |
| Mon 06 Jul | 24.6 | 40.6 | | 33.5 | 36.5 | 33.1 | 36.9 | 34.2 | 33.4 | 34.4 | 33.2 | 33.6 | 33.0 | 32.3 | 33.4 | 30.3 | 33.2 | 33.4 | 34.8 | 33.0 | 32.5 | 33.9 | 28.5 | 31.4 |
| Tue 07 Jul | | | | 34.4 | 35.5 | 34.4 | 33.8 | 35.0 | 33.3 | 32.3 | 33.1 | 32.1 | 32.5 | 33.6 | 32.2 | 32.6 | 33.0 | 33.1 | 32.6 | 31.7 | 33.2 | 31.3 | 30.4 | 36.4 |
| Wed 08 Jul | | | | 37.8 | 36.0 | 33.9 | 33.2 | 33.5 | 33.7 | 31.1 | 33.6 | 31.5 | 33.0 | 34.5 | 32.1 | 30.1 | 31.2 | 33.3 | 33.7 | 31.7 | 35.4 | 33.3 | 32.4 | 30.2 |
| Thu 09 Jul | | | | 32.9 | 35.0 | 35.9 | 35.3 | 33.7 | 32.3 | 32.3 | 30.9 | 30.1 | 31.8 | 33.0 | 33.0 | 31.7 | 33.0 | 33.9 | 35.4 | 34.8 | 35.6 | 34.4 | 20.8 | 34.9 |
| Fri 10 Jul | 38.3 | | | 34.0 | 31.6 | 33.9 | 36.1 | 33.5 | 32.4 | 33.5 | 32.7 | 29.4 | 32.0 | 34.2 | 32.8 | 32.4 | 31.1 | 33.8 | 35.5 | 32.0 | 32.4 | 34.3 | 38.0 | 32.1 |
| Sat 11 Jul | 34.2 | | | | 38.1 | 33.1 | 33.8 | 34.2 | 33.3 | 31.8 | 32.1 | 32.5 | 30.9 | 32.6 | 32.2 | 32.8 | | | | | | | | |

| | |
|--|---|
| | No vehicles detected. |
| | No enforcement applicable. |
| | 5mph or less over 85% enforceable speed. |

Haverhill - Vehicle Speed Analysis

Howe Road Southbound

21 Jun 2020 17:15 to 11 Jul 2020 15:50

| | |
|--|---|
| | 5 to 10mph over 85% enforceable speed. |
| | 10mph or more over 85% enforceable speed. |

Haverhill - Vehicle Speed Analysis

Howe Road Southbound

21 Jun 2020 17:15 to 11 Jul 2020 15:50

| Vehicle Count By Hour By Day | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Date | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |
| Sun 21 Jun | | | | | | | | | | | | | | | | | | 27 | 54 | 50 | 36 | 20 | 10 | 2 |
| Mon 22 Jun | 3 | 2 | 1 | 3 | 3 | 24 | 37 | 64 | 103 | 61 | 64 | 65 | 41 | 47 | 67 | 73 | 76 | 82 | 62 | 47 | 35 | 27 | 17 | 6 |
| Tue 23 Jun | 0 | 0 | 1 | 4 | 9 | 26 | 33 | 58 | 95 | 73 | 67 | 62 | 71 | 58 | 61 | 69 | 82 | 80 | 77 | 59 | 36 | 20 | 13 | 5 |
| Wed 24 Jun | 3 | 1 | 1 | 6 | 6 | 26 | 38 | 59 | 94 | 66 | 82 | 51 | 64 | 73 | 70 | 66 | 88 | 64 | 68 | 44 | 39 | 30 | 12 | 7 |
| Thu 25 Jun | 4 | 1 | 2 | 5 | 4 | 22 | 29 | 69 | 100 | 55 | 63 | 56 | 81 | 66 | 72 | 84 | 73 | 72 | 67 | 61 | 42 | 34 | 22 | 8 |
| Fri 26 Jun | 5 | 4 | 0 | 6 | 3 | 23 | 34 | 152 | 88 | 75 | 104 | 99 | 57 | 73 | 74 | 83 | 101 | 106 | 76 | 51 | 39 | 30 | 20 | 12 |
| Sat 27 Jun | 8 | 0 | 2 | 7 | 2 | 5 | 8 | 33 | 42 | 64 | 78 | 74 | 93 | 71 | 60 | 71 | 75 | 43 | 71 | 53 | 50 | 28 | 16 | 13 |
| Sun 28 Jun | 7 | 3 | 2 | 2 | 4 | 3 | 10 | 15 | 15 | 41 | 53 | 72 | 81 | 76 | 84 | 57 | 43 | 50 | 47 | 41 | 33 | 24 | 11 | 3 |
| Mon 29 Jun | 2 | 3 | 1 | 6 | 5 | 16 | 37 | 56 | 109 | 58 | 63 | 77 | 71 | 77 | 69 | 78 | 69 | 74 | 67 | 54 | 30 | 21 | 7 | 3 |
| Tue 30 Jun | 0 | 0 | 1 | 5 | 3 | 28 | 36 | 60 | 110 | 52 | 74 | 67 | 60 | 70 | 66 | 73 | 87 | 83 | 72 | 54 | 31 | 36 | 7 | 4 |
| Wed 01 Jul | 1 | 2 | 0 | 3 | 3 | 23 | 30 | 77 | 109 | 61 | 61 | 52 | 51 | 67 | 73 | 58 | 68 | 65 | 72 | 49 | 35 | 22 | 16 | 9 |
| Thu 02 Jul | 3 | 1 | 0 | 5 | 6 | 26 | 33 | 71 | 113 | 69 | 76 | 73 | 80 | 76 | 76 | 106 | 100 | 84 | 81 | 53 | 30 | 33 | 9 | 8 |
| Fri 03 Jul | 1 | 3 | 2 | 6 | 5 | 18 | 30 | 71 | 81 | 66 | 67 | 84 | 58 | 83 | 88 | 76 | 80 | 112 | 68 | 56 | 34 | 19 | 17 | 5 |
| Sat 04 Jul | 5 | 3 | 3 | 3 | 4 | 5 | 17 | 32 | 33 | 77 | 79 | 94 | 76 | 81 | 66 | 69 | 64 | 79 | 45 | 55 | 38 | 25 | 19 | 14 |
| Sun 05 Jul | 6 | 7 | 6 | 2 | 3 | 1 | 11 | 11 | 21 | 33 | 56 | 86 | 67 | 78 | 76 | 60 | 44 | 54 | 49 | 47 | 32 | 25 | 13 | 3 |
| Mon 06 Jul | 2 | 2 | 1 | 2 | 7 | 22 | 40 | 69 | 92 | 54 | 80 | 56 | 64 | 85 | 64 | 69 | 94 | 84 | 72 | 38 | 30 | 27 | 7 | 7 |
| Tue 07 Jul | 0 | 0 | 0 | 6 | 5 | 26 | 45 | 66 | 111 | 64 | 80 | 80 | 54 | 72 | 74 | 79 | 93 | 88 | 65 | 47 | 24 | 11 | 6 | 9 |
| Wed 08 Jul | 1 | 1 | 0 | 6 | 4 | 23 | 42 | 71 | 111 | 59 | 73 | 74 | 57 | 69 | 85 | 86 | 76 | 83 | 72 | 68 | 32 | 18 | 10 | 5 |
| Thu 09 Jul | 1 | 0 | 1 | 4 | 4 | 24 | 35 | 60 | 112 | 80 | 67 | 52 | 61 | 77 | 88 | 72 | 82 | 80 | 65 | 42 | 28 | 22 | 53 | 7 |
| Fri 10 Jul | 4 | 0 | 0 | 8 | 4 | 22 | 30 | 77 | 104 | 66 | 72 | 82 | 55 | 68 | 98 | 73 | 106 | 77 | 72 | 81 | 43 | 19 | 14 | 11 |
| Sat 11 Jul | 6 | 0 | 1 | 1 | 5 | 13 | 12 | 32 | 53 | 71 | 89 | 82 | 70 | 56 | 65 | 77 | | | | | | | | |
| Average Vehicle Count By Hour By WeekDay/Weekend/Overall | | | | | | | | | | | | | | | | | | | | | | | | |
| WDay | 2 | 1 | 1 | 5 | 5 | 23 | 35 | 72 | 102 | 64 | 73 | 69 | 62 | 71 | 75 | 76 | 85 | 82 | 70 | 54 | 34 | 25 | 15 | 7 |
| WEnd | 6 | 3 | 3 | 3 | 4 | 5 | 12 | 25 | 33 | 57 | 71 | 82 | 77 | 72 | 70 | 80 | 57 | 53 | 53 | 49 | 38 | 24 | 14 | 7 |
| OAll | 3 | 2 | 1 | 5 | 4 | 19 | 29 | 60 | 85 | 62 | 72 | 72 | 66 | 71 | 74 | 77 | 79 | 75 | 66 | 53 | 35 | 25 | 15 | 7 |