

MetroCount Traffic Study for City of Aurora **Speed Statistics**

SpeedStat-755 -- English (ENU)

Datasets:

Site: [McCoy @ Cheshire] McCoy 400' NE of Cheshire NB
Direction: 1 - North bound, A hit first. **Lane:** 2
Survey Duration: 9:42 Wednesday, November 02, 2022 => 13:30 Thursday, November 03, 2022
Zone:
File: McCoy @ Cheshire03Nov2022.EC2 (Plus)
Identifier: R6489B8H MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15275)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 9:43 Wednesday, November 02, 2022 => 13:30 Thursday, November 03, 2022
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: North, East, South, West (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (Scheme F99)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 9225 / 9232 (99.92%)

Speed Statistics

SpeedStat-755

Site: McCoy @ Cheshire.2.0N
Description: McCoy 400' NE of Cheshire NB
Filter time: 9:43 Wednesday, November 02, 2022 => 13:30 Thursday, November 03, 2022
Scheme: Vehicle classification (Scheme F99)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NESW) Sp(5,100) Headway(>0)

Vehicles = 9225

Posted speed limit = 37 mph, Exceeding = 8709 (94.41%), Mean Exceeding = 45.51 mph

Maximum = 85.4 mph, Minimum = 16.9 mph, Mean = 44.9 mph

85% Speed = 50.1 mph, 95% Speed = 54.6 mph, Median = 44.3 mph

10 mph Pace = 39 - 49, Number in Pace = 6229 (67.52%)

Variance = 32.28, Standard Deviation = 5.68 mph

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	9225 100.0%	0.00	0.00	0.00
5 - 10	0 0.0%	0 0.0%	9225 100.0%	0.00	0.00	0.00
10 - 15	0 0.0%	0 0.0%	9225 100.0%	0.00	0.00	0.00
15 - 20	1 0.0%	1 0.0%	9224 100.0%	0.00	0.00	0.00
20 - 25	13 0.1%	14 0.2%	9211 99.8%	0.00	0.00	0.00
25 - 30	10 0.1%	24 0.3%	9201 99.7%	0.00	0.00	0.00
30 - 35	177 1.9%	201 2.2%	9024 97.8%	0.00	0.00	0.00
35 - 40	1411 15.3%	1612 17.5%	7613 82.5%	0.00	0.00	0.00
40 - 45	3465 37.6%	5077 55.0%	4148 45.0%	0.00	0.00	0.00
45 - 50	2653 28.8%	7730 83.8%	1495 16.2%	0.00	0.00	0.00
50 - 55	1067 11.6%	8797 95.4%	428 4.6%	0.00	0.00	0.00
55 - 60	299 3.2%	9096 98.6%	129 1.4%	0.00	0.00	0.00
60 - 65	89 1.0%	9185 99.6%	40 0.4%	0.00	0.00	0.00
65 - 70	28 0.3%	9213 99.9%	12 0.1%	0.00	0.00	0.00
70 - 75	9 0.1%	9222 100.0%	3 0.0%	0.00	0.00	0.00
75 - 80	1 0.0%	9223 100.0%	2 0.0%	0.00	0.00	0.00
80 - 85	1 0.0%	9224 100.0%	1 0.0%	0.00	0.00	0.00
85 - 90	1 0.0%	9225 100.0%	0 0.0%	0.00	0.00	0.00
90 - 95	0 0.0%	9225 100.0%	0 0.0%	0.00	0.00	0.00
95 - 100	0 0.0%	9225 100.0%	0 0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

Limit	Below	Above
0 37 (PSL)	516 5.6%	8709 94.4%

MetroCount Traffic Study for City of Aurora **Speed Statistics**

SpeedStat-759 -- English (ENU)

Datasets:

Site: [McCoy @ Cheshire] McCoy 400' NE of Cheshire SB
Direction: 3 - South bound, A hit first. **Lane:** 2
Survey Duration: 9:30 Wednesday, November 09, 2022 => 10:00 Thursday, November 10, 2022
Zone:
File: McCoy @ Cheshire10Nov2022.EC2 (Plus)
Identifier: R6489B8H MC56-L5 [MC55] (c)Microcom 19Oct04
Algorithm: Factory default (v3.21 - 15275)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 9:30 Wednesday, November 09, 2022 => 10:00 Thursday, November 10, 2022
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Speed range: 5 - 100 mph.
Direction: North, East, South, West (bound)
Separation: All - (Headway)
Name: Default Profile
Scheme: Vehicle classification (Scheme F99)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 8774 / 8778 (99.95%)

Speed Statistics

SpeedStat-759

Site: McCoy @ Cheshire.2.0S
Description: McCoy 400' NE of Cheshire SB
Filter time: 9:30 Wednesday, November 09, 2022 => 10:00 Thursday, November 10, 2022
Scheme: Vehicle classification (Scheme F99)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12 13) Dir(NESW) Sp(5,100) Headway(>0)

Vehicles = 8774

Posted speed limit = 35 mph, Exceeding = 7399 (84.33%), Mean Exceeding = 39.72 mph

Maximum = 73.4 mph, Minimum = 5.8 mph, Mean = 38.6 mph

85% Speed = 42.3 mph, 95% Speed = 45.2 mph, Median = 38.5 mph

10 mph Pace = 34 - 44, Number in Pace = 7260 (82.74%)

Variance = 16.49, Standard Deviation = 4.06 mph

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	8774 100.0%	0.00	0.00	0.00
5 - 10	1 0.0%	1 0.0%	8773 100.0%	0.00	0.00	0.00
10 - 15	1 0.0%	2 0.0%	8772 100.0%	0.00	0.00	0.00
15 - 20	2 0.0%	4 0.0%	8770 100.0%	0.00	0.00	0.00
20 - 25	10 0.1%	14 0.2%	8760 99.8%	0.00	0.00	0.00
25 - 30	105 1.2%	119 1.4%	8655 98.6%	0.00	0.00	0.00
30 - 35	1256 14.3%	1375 15.7%	7399 84.3%	0.00	0.00	0.00
35 - 40	4460 50.8%	5835 66.5%	2939 33.5%	0.00	0.00	0.00
40 - 45	2449 27.9%	8284 94.4%	490 5.6%	0.00	0.00	0.00
45 - 50	402 4.6%	8686 99.0%	88 1.0%	0.00	0.00	0.00
50 - 55	69 0.8%	8755 99.8%	19 0.2%	0.00	0.00	0.00
55 - 60	12 0.1%	8767 99.9%	7 0.1%	0.00	0.00	0.00
60 - 65	5 0.1%	8772 100.0%	2 0.0%	0.00	0.00	0.00
65 - 70	1 0.0%	8773 100.0%	1 0.0%	0.00	0.00	0.00
70 - 75	1 0.0%	8774 100.0%	0 0.0%	0.00	0.00	0.00
75 - 80	0 0.0%	8774 100.0%	0 0.0%	0.00	0.00	0.00
80 - 85	0 0.0%	8774 100.0%	0 0.0%	0.00	0.00	0.00
85 - 90	0 0.0%	8774 100.0%	0 0.0%	0.00	0.00	0.00
90 - 95	0 0.0%	8774 100.0%	0 0.0%	0.00	0.00	0.00
95 - 100	0 0.0%	8774 100.0%	0 0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

Limit	Below	Above
0 35 (PSL)	1375 15.7%	7399 84.3%