

Associated Consulting Services (ACS)
 Roseville, MN 55113
 -- TRAFFIC DATA --

US-12 at CSAH 92 W Jct_2022
 City: Independence
 Data Prepared By: ACS
 TURNING MOVEMENT COUNT

File Name : US-12 at CSAH 92 W Jct_2022
 Site Code :
 Start Date : 11/22/2022
 Page No : 1

Groups Printed- Cars - Trucks

| Start Time | Southbound | | | | US-12 Westbound | | | | CSAH-92 Northbound | | | | US-12 Eastbound | | | | Int. Total |
|------------|------------|------|-------|------|-----------------|------|-------|------|--------------------|------|-------|------|-----------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 178 | 2 | 0 | 211 |
| 06:15 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 2 | 0 | 13 | 0 | 0 | 207 | 4 | 0 | 257 |
| 06:30 | 0 | 0 | 0 | 0 | 6 | 48 | 0 | 0 | 3 | 0 | 10 | 0 | 0 | 201 | 2 | 0 | 270 |
| 06:45 | 0 | 0 | 0 | 0 | 5 | 52 | 0 | 0 | 2 | 0 | 15 | 0 | 0 | 197 | 1 | 0 | 272 |
| Total | 0 | 0 | 0 | 0 | 13 | 154 | 0 | 0 | 8 | 0 | 43 | 0 | 0 | 783 | 9 | 0 | 1010 |
| 07:00 | 0 | 0 | 0 | 0 | 6 | 59 | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 212 | 5 | 0 | 291 |
| 07:15 | 0 | 0 | 0 | 0 | 3 | 48 | 0 | 0 | 2 | 0 | 17 | 0 | 0 | 204 | 5 | 0 | 279 |
| 07:30 | 0 | 0 | 0 | 0 | 3 | 72 | 0 | 0 | 9 | 0 | 11 | 0 | 0 | 221 | 8 | 0 | 324 |
| 07:45 | 0 | 0 | 0 | 0 | 5 | 69 | 0 | 0 | 5 | 0 | 10 | 0 | 0 | 195 | 12 | 0 | 296 |
| Total | 0 | 0 | 0 | 0 | 17 | 248 | 0 | 0 | 17 | 0 | 46 | 0 | 0 | 832 | 30 | 0 | 1190 |
| 08:00 | 0 | 0 | 0 | 0 | 3 | 78 | 0 | 0 | 5 | 0 | 8 | 0 | 0 | 168 | 6 | 0 | 268 |
| 08:15 | 0 | 0 | 0 | 0 | 2 | 61 | 0 | 0 | 3 | 0 | 12 | 0 | 0 | 134 | 5 | 0 | 217 |
| 08:30 | 0 | 0 | 0 | 0 | 5 | 79 | 0 | 0 | 5 | 0 | 6 | 0 | 0 | 136 | 7 | 0 | 238 |
| 08:45 | 0 | 0 | 0 | 0 | 6 | 72 | 0 | 0 | 5 | 0 | 13 | 0 | 0 | 105 | 5 | 0 | 206 |
| Total | 0 | 0 | 0 | 0 | 16 | 290 | 0 | 0 | 18 | 0 | 39 | 0 | 0 | 543 | 23 | 0 | 929 |
| 09:00 | 0 | 0 | 0 | 0 | 5 | 78 | 0 | 0 | 6 | 0 | 6 | 0 | 0 | 110 | 9 | 0 | 214 |
| 09:15 | 0 | 0 | 0 | 0 | 2 | 77 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 115 | 8 | 0 | 205 |
| 09:30 | 0 | 0 | 0 | 0 | 4 | 92 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 104 | 3 | 0 | 208 |
| 09:45 | 0 | 0 | 0 | 0 | 6 | 73 | 0 | 0 | 2 | 0 | 9 | 0 | 0 | 98 | 5 | 0 | 193 |
| Total | 0 | 0 | 0 | 0 | 17 | 320 | 0 | 0 | 12 | 0 | 19 | 0 | 0 | 427 | 25 | 0 | 820 |
| 10:00 | 0 | 0 | 0 | 0 | 3 | 83 | 0 | 0 | 2 | 0 | 9 | 0 | 0 | 113 | 3 | 0 | 213 |
| 10:15 | 0 | 0 | 0 | 0 | 4 | 67 | 0 | 0 | 5 | 0 | 9 | 0 | 0 | 85 | 4 | 0 | 174 |
| 10:30 | 0 | 0 | 0 | 0 | 2 | 90 | 0 | 0 | 5 | 0 | 4 | 0 | 0 | 109 | 9 | 0 | 219 |
| 10:45 | 0 | 0 | 0 | 0 | 3 | 63 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 94 | 9 | 0 | 173 |
| Total | 0 | 0 | 0 | 0 | 12 | 303 | 0 | 0 | 14 | 0 | 24 | 0 | 0 | 401 | 25 | 0 | 779 |
| 11:00 | 0 | 0 | 0 | 0 | 5 | 75 | 0 | 0 | 3 | 0 | 14 | 0 | 0 | 64 | 4 | 0 | 165 |
| 11:15 | 0 | 0 | 0 | 0 | 9 | 85 | 0 | 0 | 7 | 0 | 7 | 0 | 0 | 107 | 7 | 0 | 222 |
| 11:30 | 0 | 0 | 0 | 0 | 1 | 77 | 0 | 0 | 6 | 0 | 11 | 0 | 0 | 100 | 5 | 0 | 200 |
| 11:45 | 0 | 0 | 0 | 0 | 4 | 84 | 0 | 0 | 2 | 0 | 8 | 0 | 0 | 83 | 6 | 0 | 187 |
| Total | 0 | 0 | 0 | 0 | 19 | 321 | 0 | 0 | 18 | 0 | 40 | 0 | 0 | 354 | 22 | 0 | 774 |
| 12:00 | 0 | 0 | 0 | 0 | 4 | 92 | 0 | 0 | 2 | 0 | 10 | 0 | 0 | 96 | 3 | 0 | 207 |
| 12:15 | 0 | 0 | 0 | 0 | 2 | 102 | 0 | 0 | 7 | 0 | 8 | 0 | 0 | 80 | 6 | 0 | 205 |
| 12:30 | 0 | 0 | 0 | 0 | 4 | 106 | 0 | 0 | 6 | 0 | 5 | 0 | 0 | 95 | 6 | 0 | 222 |
| 12:45 | 0 | 0 | 0 | 0 | 4 | 97 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 85 | 3 | 0 | 199 |
| Total | 0 | 0 | 0 | 0 | 14 | 397 | 0 | 0 | 20 | 0 | 28 | 0 | 0 | 356 | 18 | 0 | 833 |
| 13:00 | 0 | 0 | 0 | 0 | 3 | 99 | 0 | 0 | 5 | 0 | 7 | 0 | 0 | 98 | 7 | 0 | 219 |
| 13:15 | 0 | 0 | 0 | 0 | 6 | 112 | 0 | 0 | 5 | 0 | 6 | 0 | 0 | 95 | 10 | 0 | 234 |
| 13:30 | 0 | 0 | 0 | 0 | 6 | 113 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 87 | 5 | 0 | 217 |
| 13:45 | 0 | 0 | 0 | 0 | 8 | 106 | 0 | 0 | 5 | 0 | 6 | 0 | 0 | 88 | 4 | 0 | 217 |
| Total | 0 | 0 | 0 | 0 | 23 | 430 | 0 | 0 | 17 | 0 | 23 | 0 | 0 | 368 | 26 | 0 | 887 |
| 14:00 | 0 | 0 | 0 | 0 | 4 | 116 | 0 | 0 | 6 | 0 | 2 | 0 | 0 | 94 | 5 | 0 | 227 |
| 14:15 | 0 | 0 | 0 | 0 | 11 | 147 | 0 | 0 | 8 | 0 | 7 | 0 | 0 | 85 | 7 | 0 | 265 |
| 14:30 | 0 | 0 | 0 | 0 | 10 | 151 | 0 | 0 | 3 | 0 | 6 | 0 | 0 | 88 | 5 | 0 | 263 |

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Groups Printed- Cars - Trucks

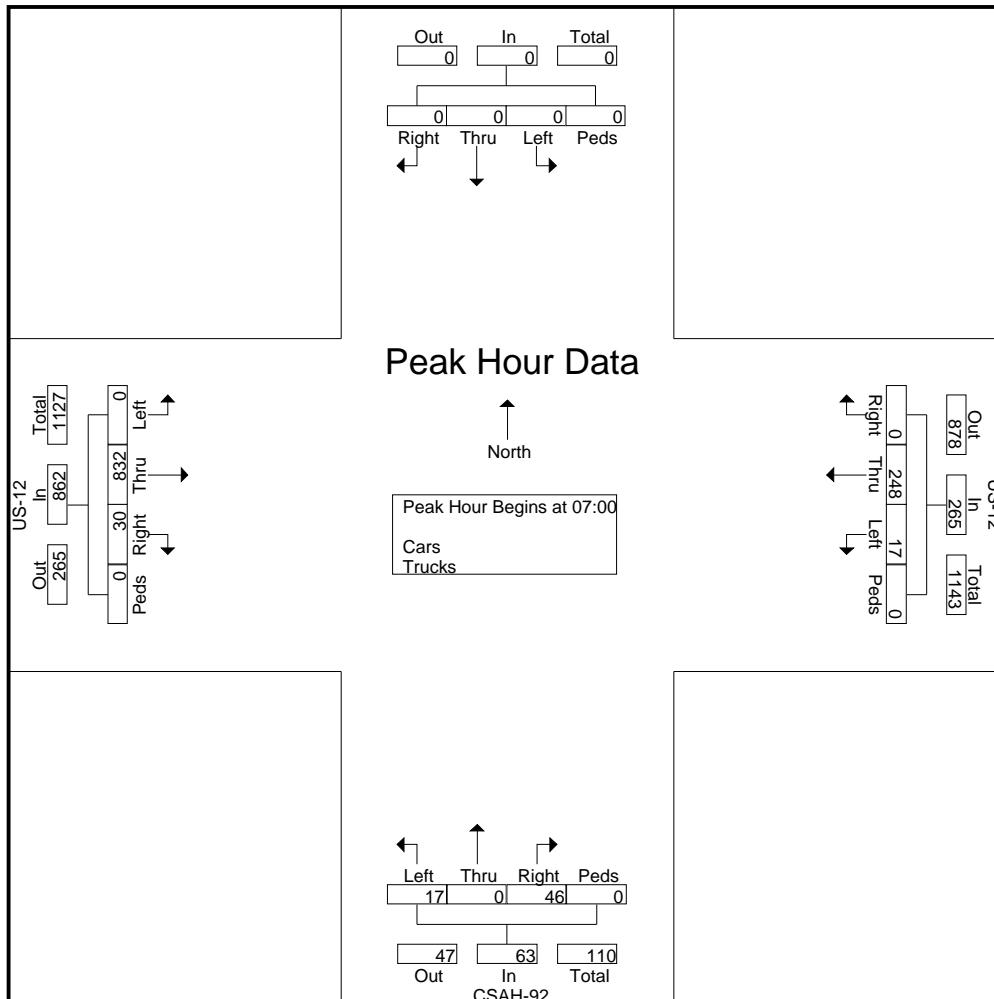
| Start Time | Southbound | | | | US-12 Westbound | | | | CSAH-92 Northbound | | | | US-12 Eastbound | | | | Int. Total |
|-------------|------------|------|-------|------|-----------------|------|-------|------|--------------------|------|-------|------|-----------------|------|-------|------|------------|
| | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | Left | Thru | Right | Peds | |
| 14:45 | 0 | 0 | 0 | 0 | 17 | 183 | 0 | 0 | 7 | 0 | 9 | 0 | 0 | 95 | 10 | 0 | 321 |
| Total | 0 | 0 | 0 | 0 | 42 | 597 | 0 | 0 | 24 | 0 | 24 | 0 | 0 | 362 | 27 | 0 | 1076 |
| 15:00 | 0 | 0 | 0 | 0 | 10 | 170 | 0 | 0 | 7 | 0 | 7 | 0 | 0 | 100 | 5 | 0 | 299 |
| 15:15 | 0 | 0 | 0 | 0 | 14 | 221 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 74 | 6 | 0 | 325 |
| 15:30 | 0 | 0 | 0 | 0 | 15 | 213 | 0 | 0 | 8 | 0 | 7 | 0 | 0 | 106 | 7 | 0 | 356 |
| 15:45 | 0 | 0 | 0 | 0 | 16 | 225 | 0 | 0 | 9 | 0 | 4 | 0 | 0 | 96 | 4 | 0 | 354 |
| Total | 0 | 0 | 0 | 0 | 55 | 829 | 0 | 0 | 29 | 0 | 23 | 0 | 0 | 376 | 22 | 0 | 1334 |
| 16:00 | 0 | 0 | 0 | 0 | 9 | 237 | 0 | 0 | 12 | 0 | 7 | 0 | 0 | 87 | 8 | 0 | 360 |
| 16:15 | 0 | 0 | 0 | 0 | 24 | 225 | 0 | 0 | 8 | 0 | 13 | 0 | 0 | 94 | 5 | 0 | 369 |
| 16:30 | 0 | 0 | 0 | 0 | 11 | 236 | 0 | 0 | 7 | 0 | 7 | 0 | 0 | 102 | 9 | 0 | 372 |
| 16:45 | 0 | 0 | 0 | 0 | 13 | 218 | 0 | 0 | 5 | 0 | 8 | 0 | 0 | 69 | 5 | 0 | 318 |
| Total | 0 | 0 | 0 | 0 | 57 | 916 | 0 | 0 | 32 | 0 | 35 | 0 | 0 | 352 | 27 | 0 | 1419 |
| 17:00 | 0 | 0 | 0 | 0 | 6 | 232 | 0 | 0 | 5 | 0 | 3 | 0 | 0 | 85 | 9 | 0 | 340 |
| 17:15 | 0 | 0 | 0 | 0 | 11 | 194 | 0 | 0 | 5 | 0 | 6 | 0 | 0 | 72 | 11 | 0 | 299 |
| 17:30 | 0 | 0 | 0 | 0 | 8 | 176 | 0 | 0 | 3 | 0 | 6 | 0 | 0 | 91 | 5 | 0 | 289 |
| 17:45 | 0 | 0 | 0 | 0 | 6 | 145 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 59 | 16 | 0 | 229 |
| Total | 0 | 0 | 0 | 0 | 31 | 747 | 0 | 0 | 14 | 0 | 17 | 0 | 0 | 307 | 41 | 0 | 1157 |
| Grand Total | 0 | 0 | 0 | 0 | 316 | 5552 | 0 | 0 | 223 | 0 | 361 | 0 | 0 | 5461 | 295 | 0 | 12208 |
| Apprch % | 0 | 0 | 0 | 0 | 5.4 | 94.6 | 0 | 0 | 38.2 | 0 | 61.8 | 0 | 0 | 94.9 | 5.1 | 0 | |
| Total % | 0 | 0 | 0 | 0 | 2.6 | 45.5 | 0 | 0 | 1.8 | 0 | 3 | 0 | 0 | 44.7 | 2.4 | 0 | |
| Cars | 0 | 0 | 0 | 0 | 296 | 4923 | 0 | 0 | 214 | 0 | 345 | 0 | 0 | 4890 | 278 | 0 | 10946 |
| % Cars | 0 | 0 | 0 | 0 | 93.7 | 88.7 | 0 | 0 | 96 | 0 | 95.6 | 0 | 0 | 89.5 | 94.2 | 0 | 89.7 |
| Trucks | 0 | 0 | 0 | 0 | 20 | 629 | 0 | 0 | 9 | 0 | 16 | 0 | 0 | 571 | 17 | 0 | 1262 |
| % Trucks | 0 | 0 | 0 | 0 | 6.3 | 11.3 | 0 | 0 | 4 | 0 | 4.4 | 0 | 0 | 10.5 | 5.8 | 0 | 10.3 |

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 Page No : 3

| Start Time | Southbound | | | | | US-12 Westbound | | | | | CSAH-92 Northbound | | | | | US-12 Eastbound | | | | | Int. Total |
|--|------------|------|-------|------|------------|-----------------|------|-------|------|------------|--------------------|------|-------|------|------------|-----------------|------|-------|------|------------|------------|
| | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:00 | | | | | | | | | | | | | | | | | | | | | |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 6 | 59 | 0 | 0 | 65 | 1 | 0 | 8 | 0 | 9 | 0 | 212 | 5 | 0 | 217 | 291 |
| 07:15 | 0 | 0 | 0 | 0 | 0 | 3 | 48 | 0 | 0 | 51 | 2 | 0 | 17 | 0 | 19 | 0 | 204 | 5 | 0 | 209 | 279 |
| 07:30 | 0 | 0 | 0 | 0 | 0 | 3 | 72 | 0 | 0 | 75 | 9 | 0 | 11 | 0 | 20 | 0 | 221 | 8 | 0 | 229 | 324 |
| 07:45 | 0 | 0 | 0 | 0 | 0 | 5 | 69 | 0 | 0 | 74 | 5 | 0 | 10 | 0 | 15 | 0 | 195 | 12 | 0 | 207 | 296 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 17 | 248 | 0 | 0 | 265 | 17 | 0 | 46 | 0 | 63 | 0 | 832 | 30 | 0 | 862 | 1190 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 6.4 | 93.6 | 0 | 0 | | 27 | 0 | 73 | 0 | | 0 | 96.5 | 3.5 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .708 | .861 | .000 | .000 | .883 | .472 | .000 | .676 | .000 | .788 | .000 | .941 | .625 | .000 | .941 | .918 |



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 Start Date : 11/22/2022
 Page No : 4

| Start Time | Southbound | | | | | US-12 Westbound | | | | | CSAH-92 Northbound | | | | | US-12 Eastbound | | | | | Int. Total |
|--|------------|------|-------|------|------------|-----------------|------------|-------|------|------------|--------------------|------|-----------|------|------------|-----------------|------------|----------|------|------------|------------|
| | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | |
| Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 15:45 | | | | | | | | | | | | | | | | | | | | | |
| 15:45 | 0 | 0 | 0 | 0 | 0 | 16 | 225 | 0 | 0 | 241 | 9 | 0 | 4 | 0 | 13 | 0 | 96 | 4 | 0 | 100 | 354 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 9 | 237 | 0 | 0 | 246 | 12 | 0 | 7 | 0 | 19 | 0 | 87 | 8 | 0 | 95 | 360 |
| 16:15 | 0 | 0 | 0 | 0 | 0 | 24 | 225 | 0 | 0 | 249 | 8 | 0 | 13 | 0 | 21 | 0 | 94 | 5 | 0 | 99 | 369 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 11 | 236 | 0 | 0 | 247 | 7 | 0 | 7 | 0 | 14 | 0 | 102 | 9 | 0 | 111 | 372 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 60 | 923 | 0 | 0 | 983 | 36 | 0 | 31 | 0 | 67 | 0 | 379 | 26 | 0 | 405 | 1455 |
| % App. Total | 0 | 0 | 0 | 0 | 0 | 6.1 | 93.9 | 0 | 0 | | 53.7 | 0 | 46.3 | 0 | | 0 | 93.6 | 6.4 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .625 | .974 | .000 | .000 | .987 | .750 | .000 | .596 | .000 | .798 | .000 | .929 | .722 | .000 | .912 | .978 |

