

Table 350
Hourly Percentages Compiled for Total Vehicles

The following table shows hourly percentages of total vehicles sorted by Traffic Pattern Group (TPG) for the year 2017. Factors from this table are applied to raw traffic counts of less than 24 hours, which may include volume counts (axle and loop), automatic vehicle classification (AVC), or manual classification counts. Hourly percentages from this table are applied to the known hour periods of the raw count, converting it to a 24-hour total.

The factors were developed using the Department's Traffic Data System (TDS) Statistical Analysis tool. Raw count data from 2,000 AVC counts, collected statewide and averaged over the last five years, was assigned to the respective TPG and a summary was produced showing the hourly percentage tables by direction (applied to divided roadways).

Hourly Percentages: Total Vehicles							
TPG 1				TPG 2			
HOUR	DIR 1	DIR 2	TOTAL	HOUR	DIR 1	DIR 2	TOTAL
1	0.93%	1.09%	1.03%	1	1.20%	1.34%	1.44%
2	0.71%	0.78%	0.75%	2	0.99%	1.09%	1.17%
3	0.66%	0.69%	0.69%	3	0.94%	1.01%	1.09%
4	0.80%	0.77%	0.80%	4	1.09%	1.10%	1.17%
5	1.27%	1.15%	1.22%	5	1.52%	1.42%	1.51%
6	2.91%	2.25%	2.61%	6	2.81%	2.28%	2.50%
7	6.10%	4.20%	5.13%	7	5.34%	3.79%	4.15%
8	8.30%	5.60%	6.78%	8	7.19%	5.02%	5.35%
9	7.14%	5.34%	6.12%	9	6.17%	4.93%	5.22%
10	5.63%	4.89%	5.25%	10	5.43%	4.88%	5.18%
11	5.16%	4.84%	5.04%	11	5.50%	5.08%	5.43%
12	5.18%	5.06%	5.19%	12	5.60%	5.25%	5.62%
13	5.32%	5.31%	5.38%	13	5.64%	5.54%	5.77%
14	5.41%	5.54%	5.54%	14	5.73%	5.86%	5.96%
15	5.91%	6.30%	6.12%	15	6.13%	6.54%	6.42%
16	6.55%	7.75%	7.05%	16	6.55%	7.66%	7.00%
17	6.90%	8.74%	7.64%	17	6.73%	8.40%	7.26%
18	6.74%	8.43%	7.41%	18	6.44%	7.85%	6.81%
19	5.25%	6.01%	5.65%	19	5.01%	5.50%	5.29%
20	3.86%	4.40%	4.24%	20	3.92%	4.28%	4.26%
21	3.13%	3.63%	3.49%	21	3.28%	3.70%	3.67%
22	2.63%	3.09%	2.94%	22	2.83%	3.10%	3.16%
23	2.06%	2.38%	2.28%	23	2.26%	2.46%	2.57%
24	1.45%	1.76%	1.65%	24	1.70%	1.92%	2.00%
TOTAL	100.00%	100.00%	100.00%	TOTAL	100.00%	100.00%	100.00%

Table 350
Hourly Percentages Compiled for Total Vehicles (Continued)

Hourly Percentages: Total Vehicles							
TPG 3				TPG 4			
HOUR	DIR 1	DIR 2	TOTAL	HOUR	DIR 1	DIR 2	TOTAL
1	0.66%	0.87%	0.71%	1	0.69%	0.87%	0.71%
2	0.43%	0.52%	0.44%	2	0.51%	0.57%	0.49%
3	0.39%	0.43%	0.37%	3	0.49%	0.53%	0.46%
4	0.50%	0.46%	0.44%	4	0.69%	0.62%	0.59%
5	1.00%	0.74%	0.83%	5	1.37%	0.97%	1.16%
6	2.83%	1.74%	2.19%	6	3.38%	2.09%	2.76%
7	6.16%	3.74%	4.71%	7	6.25%	3.93%	5.03%
8	8.51%	5.49%	6.69%	8	7.89%	5.41%	6.45%
9	7.44%	5.29%	6.24%	9	6.59%	5.06%	5.80%
10	5.73%	4.78%	5.34%	10	5.59%	4.79%	5.31%
11	5.21%	4.73%	5.15%	11	5.48%	4.89%	5.41%
12	5.31%	5.15%	5.45%	12	5.57%	5.20%	5.61%
13	5.54%	5.56%	5.78%	13	5.66%	5.51%	5.82%
14	5.55%	5.68%	5.82%	14	5.81%	5.86%	6.00%
15	5.94%	6.52%	6.36%	15	6.28%	6.69%	6.62%
16	6.57%	8.01%	7.27%	16	7.01%	8.34%	7.61%
17	6.87%	9.01%	7.80%	17	7.13%	9.32%	8.02%
18	6.83%	8.87%	7.72%	18	6.75%	8.62%	7.50%
19	5.45%	6.55%	6.06%	19	4.96%	5.92%	5.44%
20	4.06%	4.84%	4.59%	20	3.66%	4.42%	4.09%
21	3.24%	3.95%	3.73%	21	2.91%	3.73%	3.36%
22	2.60%	3.21%	2.92%	22	2.38%	3.05%	2.65%
23	1.92%	2.25%	2.03%	23	1.77%	2.07%	1.85%
24	1.26%	1.61%	1.36%	24	1.18%	1.54%	1.26%
TOTAL	100.00%	100.00%	100.00%	TOTAL	100.00%	100.00%	100.00%

Table 350
Hourly Percentages Compiled for Total Vehicles (Continued)

Hourly Percentages: Total Vehicles							
TPG 5				TPG 6			
HOUR	DIR 1	DIR 2	TOTAL	HOUR	DIR 1	DIR 2	TOTAL
1	0.62%	0.81%	0.62%	1	0.63%	0.67%	0.62%
2	0.40%	0.49%	0.37%	2	0.40%	0.38%	0.39%
3	0.37%	0.41%	0.31%	3	0.43%	0.36%	0.36%
4	0.47%	0.43%	0.36%	4	0.51%	0.42%	0.45%
5	0.92%	0.68%	0.72%	5	0.89%	0.86%	0.94%
6	2.54%	1.57%	1.98%	6	2.61%	1.93%	2.42%
7	5.79%	3.60%	4.45%	7	5.77%	4.10%	4.70%
8	8.24%	5.37%	6.65%	8	7.67%	6.28%	6.13%
9	7.31%	5.14%	6.16%	9	6.45%	5.99%	5.61%
10	5.58%	4.58%	5.16%	10	5.26%	5.06%	5.39%
11	5.10%	4.53%	5.02%	11	5.22%	4.67%	5.58%
12	5.30%	4.95%	5.43%	12	5.57%	5.13%	5.86%
13	5.65%	5.44%	5.82%	13	5.69%	5.38%	6.09%
14	5.65%	5.54%	5.78%	14	5.54%	5.36%	6.20%
15	6.03%	6.48%	6.39%	15	6.38%	6.71%	6.89%
16	6.83%	8.34%	7.52%	16	7.17%	7.98%	7.86%
17	7.23%	9.67%	8.21%	17	7.53%	8.63%	8.13%
18	7.20%	9.47%	8.18%	18	7.53%	8.66%	7.44%
19	5.64%	6.80%	6.28%	19	5.78%	6.64%	5.63%
20	4.19%	4.92%	4.75%	20	4.24%	4.96%	4.34%
21	3.32%	3.91%	3.84%	21	3.18%	3.65%	3.43%
22	2.60%	3.14%	2.87%	22	2.49%	2.79%	2.59%
23	1.85%	2.18%	1.91%	23	1.90%	1.94%	1.79%
24	1.17%	1.55%	1.22%	24	1.16%	1.45%	1.16%
TOTAL	100.00%	100.00%	100.00%	TOTAL	100.00%	100.00%	100.00%

Table 350
Hourly Percentages Compiled for Total Vehicles (Continued)

Hourly Percentages: Total Vehicles							
TPG 7				TPG 8			
HOUR	DIR 1	DIR 2	TOTAL	HOUR	DIR 1	DIR 2	TOTAL
1	0.79%	0.93%	0.65%	1	0.79%	0.97%	0.68%
2	0.56%	0.59%	0.42%	2	0.54%	0.60%	0.43%
3	0.52%	0.55%	0.39%	3	0.48%	0.49%	0.37%
4	0.70%	0.64%	0.50%	4	0.61%	0.47%	0.44%
5	1.21%	1.03%	1.05%	5	1.02%	0.74%	0.86%
6	2.97%	2.17%	2.72%	6	2.55%	1.64%	2.17%
7	5.97%	4.06%	5.10%	7	5.40%	3.51%	4.50%
8	7.92%	5.32%	6.52%	8	7.42%	5.28%	6.29%
9	6.73%	4.98%	5.70%	9	6.64%	5.17%	5.79%
10	5.58%	4.65%	5.13%	10	5.52%	5.17%	5.19%
11	5.41%	4.81%	5.16%	11	5.32%	5.17%	5.24%
12	5.38%	5.12%	5.40%	12	5.52%	5.42%	5.56%
13	5.59%	5.60%	5.66%	13	5.95%	5.85%	5.96%
14	5.59%	5.73%	5.80%	14	5.77%	5.77%	5.93%
15	6.11%	6.52%	6.51%	15	6.28%	6.56%	6.57%
16	6.92%	8.08%	7.71%	16	6.80%	8.05%	7.71%
17	7.31%	9.02%	8.22%	17	7.08%	8.77%	8.20%
18	6.95%	8.82%	7.88%	18	6.83%	8.57%	7.87%
19	5.36%	6.23%	5.79%	19	5.55%	6.43%	5.96%
20	3.89%	4.54%	4.34%	20	4.32%	4.68%	4.61%
21	3.03%	3.81%	3.57%	21	3.52%	3.77%	3.74%
22	2.41%	3.06%	2.71%	22	2.82%	3.02%	2.78%
23	1.83%	2.22%	1.86%	23	2.00%	2.24%	1.90%
24	1.27%	1.52%	1.21%	24	1.27%	1.66%	1.25%
TOTAL	100.00%	100.00%	100.00%	TOTAL	100.00%	100.00%	100.00%

Table 350
Hourly Percentages Compiled for Total Vehicles (Continued)

Hourly Percentages: Total Vehicles							
TPG 9				TPG 10			
HOUR	DIR 1	DIR 2	TOTAL	HOUR	DIR 1	DIR 2	TOTAL
1	0.74%	0.96%	0.64%	1	0.44%	1.35%	0.64%
2	0.49%	0.62%	0.40%	2	0.36%	0.65%	0.43%
3	0.47%	0.55%	0.35%	3	0.42%	0.49%	0.37%
4	0.55%	0.56%	0.43%	4	0.62%	0.78%	0.46%
5	1.07%	0.83%	0.89%	5	0.83%	1.17%	0.78%
6	2.84%	1.75%	2.36%	6	2.62%	2.17%	1.83%
7	6.24%	3.60%	4.79%	7	5.63%	3.26%	3.63%
8	8.04%	5.26%	6.62%	8	8.14%	3.39%	5.82%
9	7.04%	5.44%	5.86%	9	7.11%	3.45%	5.47%
10	5.77%	4.78%	5.05%	10	5.51%	3.33%	5.40%
11	5.22%	4.63%	4.99%	11	5.20%	3.58%	5.54%
12	5.28%	4.97%	5.30%	12	5.42%	3.88%	6.13%
13	5.57%	5.41%	5.65%	13	5.69%	4.37%	6.38%
14	5.56%	5.56%	5.70%	14	6.01%	4.84%	6.52%
15	5.90%	6.40%	6.44%	15	5.59%	4.89%	6.90%
16	6.48%	8.00%	7.71%	16	6.95%	6.00%	7.60%
17	6.94%	9.26%	8.30%	17	7.91%	6.46%	7.97%
18	6.92%	9.00%	8.06%	18	8.20%	7.94%	7.63%
19	5.56%	6.63%	6.10%	19	6.04%	9.55%	6.02%
20	4.09%	4.84%	4.63%	20	4.24%	9.20%	4.85%
21	3.29%	3.87%	3.76%	21	2.95%	7.65%	3.78%
22	2.63%	3.19%	2.83%	22	2.07%	5.61%	2.84%
23	1.98%	2.24%	1.91%	23	1.22%	3.54%	1.85%
24	1.33%	1.65%	1.23%	24	0.83%	2.45%	1.16%
TOTAL	100.00%	100.00%	100.00%	TOTAL	100.00%	100.00%	100.00%