## 5. Time-of-day Travel by Purpose and Mode

- The percent of trips by purpose and by time periods (all modes) is shown below. (See also Table 47.)

|  | Trip Purpose |  |  |  |
| :---: | ---: | ---: | ---: | ---: |
| Time Period | HBW | HBO | NHB | Total |
| AM Peak Period (6:45 to 9.45) | $31.8 \%$ | $16.7 \%$ | $13.3 \%$ | $17.5 \%$ |
| AM Peak Hour (6:45 to 7:44) | $17.6 \%$ | $5.6 \%$ | $3.9 \%$ | $6.6 \%$ |
| Midday (9:45 AM to 2:29 PM | $9.7 \%$ | $23.8 \%$ | $39.9 \%$ | $27.4 \%$ |
| PM Peak Period (2:30 to 5:59) | $31.7 \%$ | $27.0 \%$ | $29.0 \%$ | $28.2 \%$ |
| PM Peak Hour (5:00 to 5:59) | $11.6 \%$ | $9.8 \%$ | $8.4 \%$ | $9.6 \%$ |
| Nighttime (6:00 PM to 6:44 AM) | $26.8 \%$ | $32.5 \%$ | $17.8 \%$ | $26.9 \%$ |

HBW $=$ Home Based Work. HBO $=$ Home Based Other. NHB $=$ Non-Home Based. See definitions on page 37.

- The PM peak-hour travel ( $9.6 \%$ ) is higher than the AM peak-hour travel ( $6.6 \%$ ). The PM peak-hour carries $11.6 \%$ of the Home Based Work trips, $9.8 \%$ of the Home Based Other trips and $8.4 \%$ of the Non-Home Based trips. (Table 47)
- Nearly half of all daily trips ( $45.7 \%$ ) occur during the AM and PM peak periods- $17.5 \%$ in the three-hour AM peak period and $28.2 \%$ in the three-and-one-half-hour PM peak period. (Table 47)
- The distribution of trips by purpose within time periods (all modes) is shown below. (See also Table 49.)

|  | Trip Purpose |  |  |  |
| :---: | ---: | :---: | :---: | :---: |
| Time Period | HBW | HBO | NHB | Total |
| AM Peak Period (6:45 to 9.45) | $23.3 \%$ | $51.2 \%$ | $25.5 \%$ | $100.0 \%$ |
| AM Peak Hour (6:45 to 7:44) | $34.3 \%$ | $45.9 \%$ | $19.8 \%$ | $100.0 \%$ |
| Midday (9:45 AM to 2:29 PM | $4.5 \%$ | $46.8 \%$ | $48.7 \%$ | $100.0 \%$ |
| PM Peak Period (2:30 to 5:59) | $14.3 \%$ | $51.5 \%$ | $34.2 \%$ | $100.0 \%$ |
| PM Peak Hour (5:00 to 5:59) | $15.4 \%$ | $55.2 \%$ | $29.4 \%$ | $100.0 \%$ |
| Nighttime (6:00 PM to 6:44 AM) | $12.7 \%$ | $65.2 \%$ | $22.1 \%$ | $100.0 \%$ |

- About one-third of the AM peak-hour trips (34.3\%) are Home Based Work trips; $45.9 \%$ are Home Based Other trips; and $19.8 \%$ are Non-Home Based person trips. During the PM peak hour, only $15.4 \%$ are Home Based Work trips, reflecting the fact that during the afternoon period, more activities are available than in the AM peak period. More than half ( $55.2 \%$ ) are Home Based Other person trips and $29.4 \%$ are Non-Home Based trips. (Table 49)
- The peak-hour and peak-period distribution of person trips by mode is shown below. (See also Table 47.)

| Time Period | Mode |  |  |  |
| :---: | ---: | ---: | ---: | ---: |
|  | Driver <br> Trips | Passenger <br> Trips | Transit <br> Trips | Pedestrian <br> \& Bicycle |
| AM Peak Period (6:45 to 9.45) | $18.0 \%$ | $13.3 \%$ | $27.4 \%$ | $18.7 \%$ |
| AM Peak Hour (6:45 to 7:44) | $6.9 \%$ | $4.2 \%$ | $15.2 \%$ | $5.5 \%$ |
| Midday (9:45 AM to 2:29 PM | $27.5 \%$ | $27.2 \%$ | $18.4 \%$ | $31.1 \%$ |
| PM Peak Period (2:30 to 5:59) | $28.1 \%$ | $27.4 \%$ | $37.2 \%$ | $28.0 \%$ |
| PM Peak Hour (5:00 to 5:59) | $9.4 \%$ | $10.7 \%$ | $11.7 \%$ | $8.3 \%$ |
| Nighttime (6:00 PM to 6:44 AM) | $26.4 \%$ | $32.1 \%$ | $17.0 \%$ | $22.2 \%$ |

- Transit exhibits higher peaking characteristics than passenger vehicle traffic. Whereas peak-period auto-driver trips represent $18 \%$ of the daily total in the AM peak period and $28.1 \%$ in the PM peak period, the figures for transit are $27.4 \%$ and $37.2 \%$, respectively. (Table 47)

Table 44
Number of Motorized Trips by Time of Day, Purpose and Mode: Seven-County Area

| Time of Day | Time Period <br> Total | Home Based Work | Home Based Other | Non-Home Based | Driver <br> Trips | Passenger Trips | $\begin{gathered} \hline \text { Transit } \\ \text { Trips } \\ \hline \end{gathered}$ | School Bus | Other |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period |  |  |  |  |  |  |  |  |  |
| 6:45 to 7:44 | 720,213 | 255,053 | 324,028 | 141,132 | 533,417 | 115,012 | 40,586 | 28,744 | 2,454 |
| 7:45 to 8:44 | 645,025 | 152,304 | 329,904 | 162,817 | 473,221 | 126,637 | 22,522 | 19,727 | 2,918 |
| 8:45 to 9:44 | 518,025 | 48,578 | 298,561 | 170,888 | 376,844 | 119,926 | 10,036 | 9,721 | 1,498 |
| Subtotal | 1,883,263 | 455,935 | 952,493 | 474,835 | 1,383,482 | 361,575 | 73,144 | 58,192 | 6,870 |
| Highest AM Peak Hour | 762,649 | 257,730 | 342,336 | 200,037 | 565,967 | 132,165 | 42,698 | 28,744 | 3,398 |
| Time Period | 7:00 to 7:59 | 7:00 to 7:59 | 7:15 to 8:14 | 9:30 to 10:29 | 7:00 to 7:59 | 8:00 to 8:59 | 7:00 to 7:59 | 6:45 to 7:44 | 7:30 to 8:29 |
|  |  |  |  |  |  |  |  |  |  |
| 3:00 to 3:59 | 757,519 | 89,756 | 369,912 | 297,851 | 546,857 | 161,063 | 17,872 | 27,287 | 4,440 |
| 4:00 to 4:59 | 933,412 | 169,537 | 452,051 | 311,824 | 671,332 | 212,464 | 42,130 | 3,801 | 3,685 |
| 5:00 to 5:59 | 1,049,708 | 167,573 | 580,401 | 301,734 | 726,097 | 288,944 | 31,067 | 1,204 | 2,396 |
| Subtotal | 3,066,218 | 452,948 | 1,561,696 | 1,051,574 | 2,171,302 | 737,679 | 99,062 | 46,672 | 11,503 |
| Highest PM Peak Hour | 1,070,312 | 212,240 | 580,401 | 327,878 | 759,587 | 288,944 | 44,195 | 29,201 | 6,350 |
| Time Period | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:30 to 5:29 | 4:30 to 5:29 | 5 to 5:59 | 4:15 to 5:14 | 4:45 to 5:44 | 3:45 to 4:44 |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 445,185 | 235,485 | 162,794 | 46,906 | 373,783 | 42,758 | 24,854 | 2,920 | 870 |
| 9:45 AM to 2:29 PM | 2,934,428 | 136,137 | 1,377,762 | 1,420,529 | 2,114,066 | 734,646 | 49,177 | 28,646 | 7,893 |
| 6:00 PM to 11:59 PM | 2,507,139 | 152,714 | 1,745,112 | 609,313 | 1,657,264 | 822,904 | 20,424 | 1,736 | 4,811 |
| Subtotal | 5,886,752 | 524,336 | 3,285,668 | 2,076,748 | 4,145,113 | 1,600,308 | 94,455 | 33,302 | 13,574 |
| TOTAL | 10,836,233 | 1,433,219 | 5,799,857 | 3,603,157 | 7,699,897 | 2,699,562 | 266,661 | 138,166 | 31,947 |

Table 45
Number of Trips (All Modes) by Time of Day, Purpose and Mode: Seven-County Area

| Time of Day | Time Period Total | Home <br> Based <br> Work | Home Based Other | Non-Home Based | Driver Trips | Passenger Trips | Transit Trips | School Bus | Other | Pedestrian/ Bicycle |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period |  |  |  |  |  |  |  |  |  |  |
| 6:45 to 7:44 | 765,911 | 262,558 | 351,535 | 151,818 | 533,417 | 115,012 | 40,586 | 28,744 | 2,454 | 45,698 |
| 7:45 to 8:44 | 707,094 | 158,688 | 368,204 | 180,202 | 473,221 | 126,637 | 22,522 | 19,727 | 2,918 | 62,069 |
| 8:45 to 9:44 | 566,593 | 53,069 | 325,210 | 188,314 | 376,844 | 119,925 | 10,036 | 9,721 | 1,498 | 48,569 |
| Subtotal | 2,039,598 | 474,315 | 1,044,949 | 520,334 | 1,383,482 | 361,574 | 73,144 | 58,192 | 6,870 | 156,336 |
| Highest AM Peak Hour | 814,274 | 265,430 | 373,097 | 192,923 | 565,967 | 132,165 | 42,698 | 28,744 | 3,398 | 66,020 |
| Time Period | 7:00 to 7:59 | 7:00 to 7:59 | 7:15 to 8:14 | 7:30 to 8:29 | 7:00 to 7:59 | 8:00 to 8:59 | 7:00 to 7:59 | 6:45 to 7:44 | 7:30 to 8:29 | 8:00 to 8:59 |
| PM Peak Period 2:30 to 2:59 | 351,471 | 27,596 | 173,469 | 150,406 | 227,016 | 75,208 | 7,993 | 14,380 | 982 | 25,892 |
| 3:00 to 3:59 | 823,804 | 93,612 | 415,047 | 315,144 | 546,857 | 161,063 | 17,872 | 27,287 | 4,440 | 66,285 |
| 4:00 to 4:59 | 1,005,555 | 176,496 | 493,905 | 335,154 | 671,332 | 212,464 | 42,130 | 3,801 | 3,685 | 72,143 |
| 5:00 to 5:59 | 1,119,021 | 172,533 | 617,771 | 328,717 | 726,097 | 288,944 | 31,067 | 1,204 | 2,396 | 69,313 |
| Subtotal | 3,299,851 | 470,238 | 1,700,192 | 1,129,421 | 2,171,302 | 737,679 | 99,062 | 46,672 | 11,503 | 233,633 |
| Highest PM Peak Hour | 1,144,908 | 222,199 | 617,771 | 355,590 | 759,587 | 288,944 | 44,195 | 29,201 | 6,350 | 80,575 |
| Time Period | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:15 to 5:14 | 4:45 to 5:44 | 3:45 to 4:44 | 4:15 to 5:14 |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 464,659 | 240,244 | 174,374 | 50,041 | 373,782 | 42,758 | 24,854 | 2,921 | 870 | 19,474 |
| 9:45 AM to 2:29 PM | 3,194,611 | 144,067 | 1,495,577 | 1,554,967 | 2,114,066 | 734,646 | 49,177 | 28,646 | 7,893 | 260,183 |
| 6:00 PM to 11:59 PM | 2,673,715 | 159,262 | 1,870,202 | 644,251 | 1,657,265 | 822,904 | 20,424 | 1,735 | 4,811 | 166,576 |
| Subtotal | 6,332,985 | 543,573 | 3,540,153 | 2,249,259 | 4,145,113 | 1,600,308 | 94,455 | 33,302 | 13,574 | 446,233 |
| TOTAL | 11,672,434 | 1,488,126 | 6,285,294 | 3,899,014 | 7,699,897 | 2,699,561 | 266,661 | 138,166 | 31,947 | 836,202 |

Table 46
Percent of Motorized Trips by Purpose, Mode and Time Period: Seven-County Area

| Time of Day | Time Period Percent of Total | $\begin{array}{\|c\|} \hline \text { Home Based } \\ \text { Work } \end{array}$ | Home Based Other | Non-Home Based | Driver Trips | Passenger Trips | Transit Trips | School Bus | Other |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period 6:45 to 7:44 | 6.6\% | 17.8\% | 5.6\% | 3.9\% | 6.9\% | 4.3\% | 15.2\% | 20.8\% | 7.7\% |
| 7:45 to 8:44 | 6.0\% | 10.6\% | 5.7\% | 4.5\% | 6.1\% | 4.7\% | 8.4\% | 14.3\% | 9.1\% |
| 8:45 to 9:44 | 4.8\% | 3.4\% | 5.1\% | 4.7\% | 4.9\% | 4.4\% | 3.8\% | 7.0\% | 4.7\% |
| Subtotal | 17.4\% | 31.8\% | 16.4\% | 13.1\% | 17.9\% | 13.4\% | 27.4\% | 42.1\% | 21.5\% |
| Highest AM Peak Hour | 7.0\% | 18.0\% | 5.9\% | 5.6\% | 7.4\% | 4.9\% | 16.0\% | 20.8\% | 10.6\% |
| Time Period | 7:00 to 7:59 | 7:00 to 7:59 | 7:15 to 8:14 | 9:30 to 10:29 | 7:00 to 7:59 | 8:00 to 8:59 | 7:00 to 7:59 | 6:45 to 7:44 | 7:30 to 8:29 |
| PM Peak Period 2:30 to 2:59 | 3.0\% | 1.8\% | 2.7\% | 3.9\% | 3.0\% | 2.8\% | 3.0\% | 10.4\% | 3.1\% |
| 3:00 to 3:59 | 7.0\% | 6.3\% | 6.4\% | 8.3\% | 7.1\% | 5.9\% | 6.7\% | 19.7\% | 13.9\% |
| 4:00 to 4:59 | 8.6\% | 11.8\% | 7.8\% | 8.7\% | 8.7\% | 7.9\% | 15.8\% | 2.8\% | 11.5\% |
| 5:00 to 5:59 | 9.7\% | 11.7\% | 10.0\% | 8.4\% | 9.4\% | 10.7\% | 11.7\% | 0.9\% | 7.5\% |
| Subtotal | 28.3\% | 31.6\% | 26.9\% | 29.3\% | 28.2\% | 27.3\% | 37.2\% | 33.8\% | 36.0\% |
| Highest PM Peak Hour | 9.9\% | 14.8\% | 10.0\% | 9.1\% | 9.9\% | 10.7\% | 16.6\% | 21.1\% | 19.9\% |
| Time Period | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:15 to 5:14 | 4:45 to 5:44 | 3:34 to 4:44 |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 4.1\% | 16.4\% | 2.8\% | 1.3\% | 4.9\% | 1.6\% | 9.3\% | 2.1\% | 2.7\% |
| 9:45 AM to 2:29 PM | 27.1\% | 9.5\% | 23.8\% | 39.4\% | 27.5\% | 27.2\% | 18.4\% | 20.7\% | 24.7\% |
| 6:00 PM to 11:59 PM | 23.1\% | 10.7\% | 30.1\% | 16.9\% | 21.5\% | 30.5\% | 7.7\% | 1.3\% | 15.1\% |
| Subtotal | 54.3\% | 36.6\% | 56.7\% | 57.6\% | 53.9\% | 59.3\% | 35.4\% | 24.1\% | 42.5\% |
| TOTAL | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% |

Table 47
Percent of Trips (All Modes) by Purpose, Mode and Time Period: Seven-County Area

| Time of Day | Time Period Percent of Total | Home <br> Based <br> Work | Home <br> Based <br> Other | Non-Home Based | Driver Trips | $\begin{array}{\|c} \hline \text { Passenger } \\ \text { Trips } \\ \hline \end{array}$ | Transit Trips | School <br> Bus | Other | Pedestrian/ Bicycle |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period 6:45 to 7:44 | 6.6\% | 17.6\% | 5.6\% | 3.9\% | 6.9\% | 4.2\% | 15.2\% | 20.8\% | 7.7\% | 5.5\% |
| 7:45 to 8:44 | 6.1\% | 10.7\% | 5.7\% | 4.6\% | 6.2\% | 4.7\% | 8.4\% | 14.3\% | 9.1\% | 7.4\% |
| 8:45 to 9:44 | 4.9\% | 3.6\% | 5.1\% | 4.8\% | 4.9\% | 4.4\% | 3.8\% | 7.0\% | 4.7\% | 5.8\% |
| Subtotal | 17.5\% | 31.8\% | 16.4\% | 13.3\% | 18.0\% | 13.3\% | 27.4\% | 42.1\% | 21.5\% | 18.7\% |
| Highest AM Peak Hour | 7.0\% | 18.0\% | 5.9\% | 5.6\% | 7.4\% | 4.9\% | 16.0\% | 20.8\% | 10.6\% | 7.9\% |
| Time Period | 7:00 to 7:59 | 7:00 to 7:59 | 7:15 to 8:14 | 9:30 to 10:29 | 7:00 to 7:59 | 8:00 to 8:59 | 7:00 to 7:59 | 6:45 to 7:44 | 7:30 to 8:29 | 8:00 to 8:59 |
| PM Peak Period 2:30 to 2:59 | 3.0\% | 1.9\% | 2.7\% | 3.9\% | 3.0\% | 2.8\% | 3.0\% | 10.4\% | 3.1\% | 3.1\% |
| 3:00 to 3:59 | 7.0\% | 6.3\% | 6.4\% | 8.3\% | 7.1\% | 5.9\% | 6.7\% | 19.7\% | 13.9\% | 7.9\% |
| 4:00 to 4:59 | 8.6\% | 11.8\% | 7.8\% | 8.7\% | 8.7\% | 7.9\% | 15.8\% | 2.8\% | 11.5\% | 8.6\% |
| 5:00 to 5:59 | 9.6\% | 11.7\% | 10.0\% | 8.4\% | 9.4\% | 10.7\% | 11.7\% | 0.9\% | 7.5\% | 8.3\% |
| Subtotal | 28.2\% | 31.6\% | 26.9\% | 29.3\% | 28.2\% | 27.3\% | 37.2\% | 33.8\% | 36.0\% | 27.9\% |
| Highest PM Peak Hour | 9.9\% | 14.8\% | 10.0\% | 9.1\% | 9.9\% | 10.7\% | 16.6\% | 21.1\% | 19.9\% | 9.6\% |
| Time Period | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:15 to 5:14 | 4:45 to 5:44 | 3:34 to 4:44 | 4:15 to 5:14 |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 4.1\% | 16.4\% | 2.8\% | 1.3\% | 4.9\% | 1.6\% | 9.3\% | 2.1\% | 2.7\% | 2.4\% |
| 9:45 AM to 2:29 PM | 27.1\% | 9.5\% | 23.8\% | 39.4\% | 27.5\% | 27.2\% | 18.4\% | 20.7\% | 24.7\% | 31.1\% |
| 6:00 PM to 11:59 PM | 23.1\% | 10.7\% | 30.1\% | 16.9\% | 21.5\% | 30.5\% | 7.7\% | 1.3\% | 15.1\% | 19.9\% |
| Subtotal | 54.3\% | 36.5\% | 56.3\% | 57.7\% | 53.9\% | 59.3\% | 35.4\% | 24.1\% | 42.5\% | 53.4\% |
| TOTAL | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% | 100.0\% |

Table 48
Motorized Trips, by Purpose and Mode, as Percent of Time Period Total: Seven-County Area

| Time of Day | Time Period Total | Home Based <br> Work | Home Based Other | $\begin{gathered} \hline \text { Non-Home } \\ \text { Based } \\ \hline \end{gathered}$ | Driver Trips | Passenger Trips | Transit Trips | School Bus | Other |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period |  |  |  |  |  |  |  |  |  |
| 6:45 to 7:44 | 100.0\% | 35.4\% | 45.0\% | 19.6\% | 74.1\% | 16.0\% | 5.6\% | 4.0\% | 0.3\% |
| 7:45 to 8:44 | 100.0\% | 23.6\% | 51.2\% | 25.2\% | 73.4\% | 19.6\% | 3.5\% | 3.0\% | 0.5\% |
| 8:45 to 9:44 | 100.0\% | 9.4\% | 57.6\% | 33.0\% | 72.7\% | 23.2\% | 1.9\% | 1.9\% | 0.3\% |
| Subtotal | 100.0\% | 24.2\% | 50.6\% | 25.2\% | 73.4\% | 19.2\% | 3.9\% | 3.1\% | 0.4\% |
| PM Peak Period |  |  |  |  |  |  |  |  |  |
| 2:30 to 2:59 | 100.0\% | 8.0\% | 48.9\% | 43.1\% | 69.7\% | 23.1\% | 2.5\% | 4.4\% | 0.3\% |
| 3:00 to 3:59 | 100.0\% | 11.9\% | 48.8\% | 39.3\% | 72.2\% | 21.3\% | 2.3\% | 3.6\% | 0.6\% |
| 4:00 to 4:59 | 100.0\% | 18.2\% | 48.4\% | 33.4\% | 71.9\% | 22.8\% | 4.5\% | 0.4\% | 0.4\% |
| 5:00 to 5:59 | 100.0\% | 16.0\% | 55.3\% | 28.7\% | 69.2\% | 27.5\% | 3.0\% | 0.1\% | 0.2\% |
| Subtotal | 100.0\% | 14.8\% | 50.9\% | 34.3\% | 70.8\% | 24.1\% | 3.2\% | 1.5\% | 0.4\% |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 100.0\% | 52.9\% | 36.6\% | 10.5\% | 84.0\% | 9.6\% | 5.6\% | 0.6\% | 0.2\% |
| 9:45 AM to 2:29 PM | 100.0\% | 4.6\% | 47.0\% | 48.4\% | 72.0\% | 25.0\% | 1.7\% | 1.0\% | 0.3\% |
| 6:00 PM to 11:59 PM | 100.0\% | 6.1\% | 69.6\% | 24.3\% | 66.1\% | 32.8\% | 0.8\% | 0.1\% | 0.2\% |
| Subtotal | 100.0\% | 8.9\% | 55.8\% | 35.3\% | 70.4\% | 27.2\% | 1.6\% | 0.6\% | 0.2\% |
| TOTAL | 100.0\% | 13.2\% | 53.5\% | 33.3\% | 71.0\% | 24.9\% | 2.5\% | 1.3\% | 0.3\% |

Table 49
Trips (All Modes), by Purpose and Mode, as a Percent of Time Period Total: Seven-County

| Time of Day | Time Period Total | Home Based Work | Home Based Other Other | $\begin{array}{\|c\|} \hline \text { Non-Home } \\ \text { Based } \end{array}$ | $\begin{array}{\|c\|} \hline \text { Driver } \\ \text { Trips } \end{array}$ | Passenger Trips | Transit Trips | $\begin{gathered} \hline \text { School } \\ \text { Bus } \\ \hline \end{gathered}$ | Other | Bicycle \& Pedestrian |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period |  |  |  |  |  |  |  |  |  |  |
| 6:45 to 7:44 | 100.0\% | 34.3\% | 45.9\% | 19.8\% | 69.6\% | 15.0\% | 5.3\% | 3.8\% | 0.3\% | 6.0\% |
| 7:45 to 8:44 | 100.0\% | 22.4\% | 52.1\% | 25.5\% | 66.9\% | 17.9\% | 3.2\% | 2.8\% | 0.4\% | 8.8\% |
| 8:45 to 9:44 | 100.0\% | 9.4\% | 57.4\% | 33.2\% | 66.5\% | 21.2\% | 1.8\% | 1.7\% | 0.2\% | 8.6\% |
| Subtotal | 100.0\% | 23.3\% | 51.2\% | 25.5\% | 67.8\% | 17.7\% | 3.6\% | 2.9\% | 0.3\% | 7.7\% |
| PM Peak Period |  |  |  |  |  |  |  |  |  |  |
| 2:30 to 2:59 | 100.0\% | 7.8\% | 49.4\% | 42.8\% | 64.6\% | 21.4\% | 2.3\% | 4.1\% | 0.3\% | 7.3\% |
| 3:00 to 3:59 | 100.0\% | 11.4\% | 50.4\% | 38.2\% | 66.4\% | 19.6\% | 2.2\% | 3.3\% | 0.5\% | 8.0\% |
| 4:00 to 4:59 | 100.0\% | 17.6\% | 49.1\% | 33.3\% | 66.7\% | 21.1\% | 4.2\% | 0.4\% | 0.4\% | 7.2\% |
| 5:00 to 5:59 | 100.0\% | 15.4\% | 55.2\% | 29.4\% | 64.9\% | 25.8\% | 2.8\% | 0.1\% | 0.2\% | 6.2\% |
| Subtotal | 100.0\% | 14.3\% | 51.5\% | 34.2\% | 65.8\% | 22.4\% | 3.0\% | 1.4\% | 0.3\% | 7.1\% |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 100.0\% | 51.7\% | 37.5\% | 10.8\% | 80.4\% | 9.2\% | 5.4\% | 0.6\% | 0.2\% | 4.2\% |
| 9:45 AM to 2:29 PM | 100.0\% | 4.5\% | 46.8\% | 48.7\% | 66.2\% | 23.0\% | 1.5\% | 0.9\% | 0.3\% | 8.1\% |
| 6:00 PM to 11:59 PM | 100.0\% | 6.0\% | 69.9\% | 24.1\% | 62.0\% | 30.8\% | 0.7\% | 0.1\% | 0.2\% | 6.2\% |
| Subtotal | 100.0\% | 8.6\% | 55.9\% | 35.5\% | 65.5\% | 25.3\% | 1.5\% | 0.5\% | 0.2\% | 7.0\% |
| TOTAL | 100.0\% | 12.8\% | 53.8\% | $33.4 \%$ | 66.0\% | 23.1\% | 2.3\% | 1.2\% | 0.3\% | 7.1\% |

Table 50
Motorized Trips as Percent of Total Daily Trips by Purpose, Mode and Time Period: Seven-County Area

| Time of Day | Time Period Percent of Total | $\begin{array}{\|c} \text { Home Based } \\ \text { Work } \\ \hline \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { Home Based } \\ \text { Other } \\ \hline \hline \end{array}$ | $\begin{gathered} \text { Non-Home } \\ \text { Based } \\ \hline \hline \end{gathered}$ | Driver <br> Trips | Passenger Trips | Transit Trips | School | Other |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period |  |  |  |  |  |  |  |  |  |
| 6:45 to 7:44 | 6.6\% | 2.3\% | 3.0\% | 1.3\% | 4.9\% | 1.0\% | 0.4\% | 0.3\% | 0.0\% |
| 7:45 to 8:44 | 6.0\% | 1.4\% | 3.1\% | 1.5\% | 4.4\% | 1.2\% | 0.2\% | 0.2\% | 0.0\% |
| 8:45 to 9:44 | 4.8\% | 0.4\% | 2.8\% | 1.6\% | 3.5\% | 1.1\% | 0.1\% | 0.1\% | 0.0\% |
| Subtotal | 17.4\% | 4.1\% | 8.9\% | 4.4\% | 12.8\% | 3.3\% | 0.7\% | 0.6\% | 0.0\% |
| Highest AM Peak Hour | 7.0\% | 2.4\% | 3.2\% | 1.8\% | 5.2\% | 1.2\% | 0.4\% | 0.3\% | 0.0\% |
| Time Period | 7:00 to 7:59 | 7:00 to 7:59 | 7:15 to 8:14 | 9:30 to 10:29 | 7:00 to 7:59 | 8:00 to 8:59 | 7:00 to 7:59 | 6:45 to 7:44 | 7:30 to 8:29 |
| PM Peak Period |  |  |  |  |  |  |  |  |  |
| 3:00 to 3:59 | 7.0\% | 0.8\% | 3.4\% | 2.8\% | 5.0\% | 1.5\% | 0.2\% | 0.3\% | 0.0\% |
| 4:00 to 4:59 | 8.6\% | 1.5\% | 4.2\% | 2.9\% | 6.2\% | 2.0\% | 0.4\% | 0.0\% | 0.0\% |
| 5:00 to 5:59 | 9.7\% | 1.5\% | 5.4\% | 2.8\% | 6.7\% | 2.7\% | 0.3\% | 0.0\% | 0.0\% |
| Subtotal | 28.3\% | 4.0\% | 14.5\% | 9.8\% | 20.0\% | 6.9\% | 1.0\% | 0.4\% | 0.0\% |
| Highest PM Peak Hour | 9.9\% | 2.0\% | 5.4\% | 3.0\% | 7.0\% | 2.7\% | 0.4\% | 0.3\% | 0.1\% |
| Time Period | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:15 to 5:14 | 4:45 to 5:44 | 3:45 to 4:44 |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 4.1\% | 2.2\% | 1.5\% | 0.4\% | 3.5\% | 0.4\% | 0.2\% | 0.0\% | 0.0\% |
| 9:45 AM to 2:29 PM | 27.1\% | 1.3\% | 12.7\% | 13.1\% | 19.5\% | 6.8\% | 0.4\% | 0.3\% | 0.1\% |
| 6:00 PM to 11:59 PM | 23.1\% | 1.4\% | 16.1\% | 5.6\% | 15.3\% | 7.6\% | 0.2\% | 0.0\% | 0.0\% |
| Subtotal | 54.3\% | 4.9\% | 30.3\% | 19.1\% | 38.3\% | 14.8\% | 0.8\% | 0.3\% | 0.1\% |
| TOTAL | 100.0\% | 13.0\% | 53.7\% | 33.3\% | 71.1\% | 25.0\% | 2.5\% | 1.3\% | 0.3\% |

Table 51
Trips (All Modes) as Percent of Total Daily Trips by Purpose, Mode and Time Period: Seven-County Area

| Time of Day | Time Period Percent of Total | Home <br> Based Work | Home <br> Based Other | Non-Home Based | Driver Trips | Passenger Trips | Transit Trips | School <br> Bus | Other | $\begin{gathered} \text { Pedestrian/ } \\ \text { Bicycle } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AM Peak Period |  |  |  |  |  |  |  |  |  |  |
| 6:45 to 7:44 | 6.6\% | 2.3\% | 3.0\% | 1.3\% | 4.6\% | 1.0\% | 0.4\% | 0.2\% | 0.0\% | 0.4\% |
| 7:45 to 8:44 | 6.1\% | 1.4\% | 3.1\% | 1.5\% | 4.0\% | 1.1\% | 0.2\% | 0.2\% | 0.0\% | 0.5\% |
| 8:45 to 9:44 | 4.9\% | 0.5\% | 2.8\% | 1.6\% | 3.3\% | 1.0\% | 0.1\% | 0.1\% | 0.0\% | 0.4\% |
| Subtotal | 17.5\% | 4.2\% | 8.9\% | 4.4\% | 11.9\% | 3.1\% | 0.7\% | 0.5\% | 0.0\% | 1.3\% |
| Highest AM Peak Hour | 7.0\% | 2.3\% | 3.2\% | 1.7\% | 4.8\% | 1.1\% | 0.4\% | 0.2\% | 0.0\% | 0.6\% |
| Time Period | 7:00 to 7:59 | 7:00 to 7:59 | 7:15 to 8:14 | 7:30 to 8:29 | 7:00 to 7:59 | 8:00 to 8:59 | 7:00 to 7:59 | 6:45 to 7:44 | 7:30 to 8:29 | 8:00 to 8:59 |
| PM Peak Period 2:30 to 2:59 | 3.0\% | 0.2\% | 1.5\% | 1.3\% | 2.0\% | 0.6\% | 0.1\% | 0.1\% | 0.0\% | 0.2\% |
| 3:00 to 3:59 | 7.1\% | 0.8\% | 3.5\% | 2.7\% | 4.7\% | 1.4\% | 0.1\% | 0.2\% | 0.0\% | 0.6\% |
| 4:00 to 4:59 | 8.6\% | 1.5\% | 4.2\% | 2.9\% | 5.8\% | 1.8\% | 0.4\% | 0.0\% | 0.0\% | 0.6\% |
| 5:00 to 5:59 | 9.6\% | 1.5\% | 5.3\% | 2.8\% | 6.2\% | 2.5\% | 0.3\% | 0.0\% | 0.0\% | 0.6\% |
| Subtotal | 28.2\% | 4.0\% | 14.5\% | 9.7\% | 18.7\% | 6.3\% | 0.9\% | 0.3\% | 0.0\% | 2.0\% |
| Highest PM Peak Hour | 9.8\% | 1.9\% | 5.3\% | 3.0\% | 6.5\% | 2.5\% | 0.4\% | 0.3\% | 0.1\% | 0.7\% |
| Time Period | 4:30 to 5:28 | 4:30 to 5:29 | 5:00 to 5:59 | 4:30 to 5:29 | 4:30 to 5:29 | 5:00 to 5:59 | 4:15 to 5:14 | 4:45 to 5:44 | 3:45 to 4:44 | 4:15 to 5:14 |
| Non-Peak Periods |  |  |  |  |  |  |  |  |  |  |
| Midnight to 6:44 AM | 4.0\% | 2.1\% | 1.5\% | 0.4\% | 3.2\% | 0.4\% | 0.2\% | 0.0\% | 0.0\% | 0.2\% |
| 9:45 AM to 2:29 PM | 27.4\% | 1.3\% | 12.8\% | 13.3\% | 18.1\% | 6.3\% | 0.4\% | 0.3\% | 0.1\% | 2.2\% |
| 6:00 PM to 11:59 PM | 22.9\% | 1.4\% | 16.0\% | 5.5\% | 14.2\% | 7.1\% | 0.2\% | 0.0\% | 0.0\% | 1.4\% |
| Subtotal | 54.3\% | 4.8\% | 30.3\% | 19.2\% | 35.5\% | 13.8\% | 0.8\% | 0.3\% | 0.1\% | 3.8\% |
| TOTAL | 100.0\% | 13.0\% | 53.7\% | 33.3\% | 66.1\% | 23.2\% | 2.4\% | 1.1\% | 0.1\% | 7.1\% |

