

2. Trip Rates

- The 1,047,500 households in the region made 11,672,400 person trips by all modes (motorized plus bicycles and walking), for an average of 11.1 weekday person trips per household. (Table 29A)
- Those households made 10,836,200 person trips by motorized means for an average of 10.3 weekday person trips per household. (Table 29B)
- Two-member households account for 32% of all households and are responsible for over 27% of all trips. One-person households constitute 27% of all households and are responsible for only 13% of all trips. (Table 29A)
- The trip rate per household (all modes) shows a significant and direct correlation to household size, increasing from a rate of 5.3 for one-person households to 22.4 trips per household for households of five or more persons. (Table 29A)
- The trip rates per person vary little with household size. Persons in one-person households show the highest rate—5.3 trips (all modes). Persons in three-person households have the lowest rate—4.2 trips (all modes) per person. Overall, individuals make 4.5 trips (all modes) per day and 4.2 trips (motorized modes) per day. (Tables 29A and 29B)
- Household trip rates generally increase with household income. The rate for the lowest-income group (less than \$5,000) is 6.2 trips (all modes) per household. For the highest bracket (\$150,000 or more), the rate is 16.1 trips per day (Table 30A).
- The average household trip rate is 11.1 trips per day (all modes), but vary over the week. Mondays are the lowest, with 10.1 trips per day, while Wednesday is the highest, with 12.0 trips per day. (Table 31)
- Household trip rates increase with vehicle availability. Households with no vehicles available make 5.3 trips per day while households with four vehicles make 15.5 trips per day. (Table 32)

Table 29A
Trip Rates (All Modes) by Household Size: Seven-County Area

Household Size	Total Households	Percent	Total Persons	Percent	Total Trips	Percent	Trips per Household	Trips per Person
1	287,024	27%	287,024	11%	1,521,013	13%	5.3	5.3
2	339,474	32%	678,948	26%	3,148,136	27%	9.3	4.6
3	161,678	16%	482,936	19%	2,029,459	17%	12.6	4.2
4	183,433	18%	729,485	28%	3,277,489	28%	17.9	4.5
5+	75,885	7%	398,849	16%	1,696,337	15%	22.4	4.3
TOTAL	1,047,494	100%	2,577,243	100%	11,672,434	100%	11.1	4.5

Table 29B
Trip Rates (Motorized Modes) by Household Size: Seven-County Area

Household Size	Total Households	Percent	Total Persons	Percent	Total Trips	Percent	Trips per Household	Trips per Person
1	287,024	27%	287,024	11%	1,353,457	13%	4.7	4.7
2	339,474	32%	678,948	26%	2,967,765	27%	8.7	4.4
3	161,678	16%	482,936	19%	1,887,785	18%	11.7	3.9
4	183,433	18%	729,485	28%	3,071,766	28%	16.7	4.2
5+	75,885	7%	398,849	16%	1,555,460	14%	20.5	3.9
TOTAL	1,047,494	100%	2,577,243	100%	10,836,233	100%	10.3	4.2

Table 30A
Household Trip Rates (All Modes) by Household Income: Seven-County Area

Income Group	Households	Number of Trips	Percent	Trips Per Household
Less Than \$5,000	7,016	43,169	0%	6.2
\$5,000 but less than \$10,000	12,838	74,690	0%	5.8
\$10,000 but less than \$15,000	24,470	130,649	1%	5.3
\$15,000 but less than \$20,000	32,436	205,093	2%	6.3
\$20,000 but less than \$25,000	48,974	384,231	3%	7.8
\$25,000 but less than \$30,000	41,837	366,441	3%	8.8
\$30,000 but less than \$35,000	40,837	320,241	3%	7.8
\$35,000 but less than \$40,000	34,465	272,189	2%	7.9
\$40,000 but less than \$45,000	37,273	344,117	3%	9.2
\$45,000 but less than \$50,000	67,216	671,078	6%	10.0
\$50,000 but less than \$60,000	130,093	1,510,938	13%	11.6
\$60,000 but less than \$75,000	146,347	1,947,716	17%	13.3
\$75,000 but less than \$100,000	148,459	2,079,353	18%	14.0
\$100,000 but less than \$150,000	94,440	1,381,864	12%	14.6
\$150,000 or more	43,224	695,572	6%	16.1
Refused	137,569	1,245,093	11%	9.1
TOTAL	1,047,494	11,672,434	100%	11.1

Table 30B
Household Trip Rates (Motorized Modes) by Household Income: Seven-County Area

Income Group	Households	Number of Trips	Percent	Trips Per Household
Less Than \$5,000	7,016	43,169	0%	6.2
\$5000, but less than \$10,000	12,838	74,690	0%	5.8
10,000 but less than \$15,000	24,470	130,649	1%	5.3
\$15,000 but less than \$20,000	32,436	205,093	2%	6.3
\$20,000 but less than \$25,000	48,974	384,231	3%	7.8
\$25,000, but less than \$30,000	41,837	366,441	3%	8.8
\$30,000 but less than \$35,000	40,837	320,241	3%	7.8
\$35,000, but less than \$40,000	34,465	272,189	2%	7.9
\$40,000 but less than \$45,000	37,273	344,117	3%	9.2
\$45,000, but less than \$50,000	67,216	671,078	6%	10.0
\$50,000, but less than \$60,000	130,093	1,510,938	13%	11.6
\$60,000, but less than \$75,000	146,347	1,947,716	17%	13.3
\$75,000, but less than \$100,000	148,459	2,079,353	18%	14.0
\$100,000, but less than \$150,000	94,440	1,381,864	12%	14.6
\$150,000 or more	43,224	695,572	6%	16.1
Refused	137,569	1,245,093	11%	9.1
TOTAL	1,047,494	11,672,434	100.0%	11.1

Table 31
Household Trip Rates by Day of Week: Seven-County Area

Day of Week	Household Trip Rate (All Modes)	Household Trip Rate (Motorized Modes)
Monday	10.1	9.4
Tuesday	11.7	10.7
Wednesday	12.0	11.3
Thursday	11.6	10.8
Friday	10.4	9.7
TOTAL	11.1	10.3

Table 32
Household Trip Rates by Vehicle Availability: Seven-County Area

Vehicle Availability	Household Trip Rate (All Modes)	Household Trip Rate (Motorized Modes)
0	5.3	3.2
1	7.7	6.9
2	13.0	12.2
3	14.4	13.8
4	15.5	14.8
5+	15.4	14.7
TOTAL	11.1	10.3