

4. Passenger-Vehicle Occupancy

- 71.5% of all vehicle trips are made in single-occupant vehicles. (Table 40A)
- The average passenger-vehicle occupancy for all trip purposes is 1.35 (Table 43A). The passenger-vehicle occupancy for Home Based Work trips is 1.05. (Table 43B)

NOTE: Passenger-vehicle occupancy is calculated by dividing the sum of all passengers (that is, the sum of the modes “Drove Alone,” “Drove with Passenger” and “Rode as Passenger”) by all passenger vehicles (that is, the sum of “Drove Alone” and “Drove with Passenger.”)

Table 39A
Number of Vehicle Trips by Destination Activity and Vehicle Occupancy: Seven-County Area

Vehicle Occupancy	Total	Went to Work	Went to Work Related	Went to School	Went to Other School Activities	Went to Child Care	Quick Stop	Went Shopping	Went to Friends/Relatives
1	5,508,157	1,002,642	306,883	28,326	7,628	0	5,831	766,565	120,820
2	1,485,036	42,308	21,116	2,294	1,813	0	3,323	230,034	41,668
3	482,058	9,124	1,974	717	276	0	575	61,021	15,601
4	162,052	2,922	270	554	0	0	461	17,295	2,618
5+	62,596	2,166	1,103	206	500	0	0	4,684	1,080
TOTAL	7,699,899	1,059,162	331,346	32,097	10,217	0	10,190	1,079,599	181,787

Table 39B
Number of Vehicle Trips by Destination Activity and Vehicle Occupancy: Seven-County Area

Vehicle Occupancy	Went to Personal Business	Went to Eat Out	Went to Entertainment/Fitness	Went to Civic/Religious	Went to Pick up/Drop off Passenger	Another Person at Their Activity	Changed Mode	At-Home Activities	Working at Home
1	672,578	233,518	155,584	69,365	264,677	720	26,609	1,811,208	35,203
2	181,167	114,091	76,024	19,834	288,733	1,490	4,259	454,506	2,376
3	47,103	34,085	31,094	6,523	105,568	407	872	166,846	272
4	19,741	18,658	12,647	3,854	33,580	0	0	49,452	0
5+	6,632	4,321	5,957	1,769	14,616	0	828	17,450	1,284
TOTAL	927,221	404,673	281,306	101,345	707,174	2,617	32,568	2,499,462	39,135

Table 40A
Percent of Vehicle Trips by Destination Activity and Vehicle Occupancy: Seven-County Area

Vehicle Occupancy	Total	Went to Work	Went to Work Related	Went to School	Went to Other School Activities	Went to Child Care	Quick Stop	Went Shopping	Went to Friends/Relatives
1	71.5%	94.6%	92.6%	88.3%	74.7%	NA	57.2%	71.0%	66.5%
2	19.3%	4.0%	6.4%	7.2%	17.7%	NA	32.6%	21.3%	22.9%
3	6.3%	0.9%	0.6%	2.2%	2.7%	NA	5.7%	5.7%	8.6%
4	2.1%	0.3%	0.1%	1.7%	0.0%	NA	4.5%	1.6%	1.4%
5+	0.8%	0.2%	0.3%	0.6%	4.9%	NA	0.0%	0.4%	0.6%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	NA	100.0%	100.0%	100.0%

Table 40B
Percent of Vehicle Trips by Destination Purpose and Vehicle Occupancy: Seven-County Area

Vehicle Occupancy	Went to Personal Business	Went to Eat Out	Went to Entertainment/Fitness	Went to Civic/Religious	Went to Pick up/Drop off Passenger	Another Person at Their Activity	Changed Mode	At-Home Activities	Working at Home
1	72.5%	57.7%	55.3%	68.4%	37.4%	27.5%	81.7%	72.4%	89.9%
2	19.6%	28.2%	27.0%	19.6%	40.8%	56.9%	13.1%	18.2%	6.1%
3	5.1%	8.4%	11.1%	6.4%	14.9%	15.6%	2.7%	6.7%	0.7%
4	2.1%	4.6%	4.5%	3.8%	4.8%	0.0%	0.0%	2.0%	0.0%
5+	0.7%	1.1%	2.1%	1.8%	2.1%	0.0%	2.5%	0.7%	3.3%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 41
Number of Vehicle Trips by General Purpose and Vehicle Occupancy: Seven-County Area

Vehicle Occupancy	Home Based Work	Home Based Work-Related	Home Based School	Home Based Shopping	Home Based Other	Non-Home Based Work	Non-Home Based Other	Total
1	1,242,931	190,374	47,927	857,746	1,302,168	964,293	902,718	5,508,157
2	35,750	6,137	4,633	282,876	613,178	81,648	460,816	1,485,038
3	5,795	1,008	791	89,515	239,156	15,997	129,795	482,057
4	1,470	0	375	30,554	72,701	4,659	52,292	162,051
5+	812	0	1,000	10,156	26,927	3,929	19,772	62,596
TOTAL	1,286,758	197,519	54,726	1,270,847	2,254,130	1,070,526	1,565,393	7,699,899

Table 42
Percent of Vehicle Trips by General Purpose and Vehicle Occupancy: Seven-County Area

Vehicle Occupancy	Home Based Work	Home Based Work-Related	Home Based School	Home Based Shopping	Home Based Other	Non-Home Based Work	Non-Home Based Other	Total
1	96.6%	96.4%	87.6%	67.5%	57.8%	90.1%	57.7%	71.5%
2	2.8%	3.1%	8.5%	22.3%	27.2%	7.6%	29.4%	19.3%
3	0.4%	0.5%	1.4%	7.0%	10.6%	1.5%	8.3%	6.3%
4	0.1%	0.0%	0.7%	2.4%	3.2%	0.4%	3.3%	2.1%
5+	0.1%	0.0%	1.8%	0.8%	1.2%	0.4%	1.3%	0.8%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 43A
Average Vehicle Occupancy by Destination Activity: Seven-County Area

Destination Activity	Percent
Work	1.06
Work-Related	1.08
Attending School	2.99
Other School Activities	4.23
Child Care, Day Care, After School Care	1.00
Quick Stop	1.73
Shopping	1.33
Visit Friends/Relatives	1.61
Personal Business	1.35
Eat Meal Outside of Home	1.53
Entertainment/Recreational/Fitness	1.81
Civic/Religious	1.41
Pick up/Drop off	1.26
With Another Person at Their Activity	11.11
Change Mode	1.42
At-Home Activities	1.38
Working at Home	1.03
AVERAGE	1.35

Table 43B
Average Vehicle Occupancy by General Purpose: Seven-County Area

General Purpose	Percent
Home Based Work	1.05
Home Based School	3.67
Home Based Shopping	1.42
Home Based Other	1.51
Home Based Work-Related	1.09
Non-Home Based Work	1.09
Non-Home Based Other	1.44
AVERAGE	1.35