

**ANNUAL VEHICLE DISTANCE TRAVELED IN MILES AND RELATED DATA - 2011 (1)  
BY HIGHWAY CATEGORY AND VEHICLE TYPE**

March 2013

Table VM-1

YEAR	ITEM	LIGHT DUTY VEHICLES SHORT WB (2)	MOTOR- CYCLES	BUSES (6)	LIGHT DUTY VEHICLES LONG WB (2)	SINGLE-UNIT TRUCKS (3)	COMBINATION TRUCKS	SUBTOTALS		ALL MOTOR VEHICLES
								ALL LIGHT DUTY VEHICLES (2)	SINGLE-UNIT 2-AXLE 6-TIRE OR MORE AND COMBINATION TRUCKS	
	Motor-Vehicle Travel: (millions of vehicle-miles)									
2011	Interstate Rural	140,603	1,243	1,670	42,961	9,495	47,616	183,564	57,111	243,587
2010		138,324	1,524	1,553	43,965	11,217	49,104	182,289	60,321	245,687
2011	Other Arterial Rural	232,385	2,814	1,981	89,651	16,945	29,321	322,037	46,267	373,099
2010		229,775	2,890	2,034	89,585	18,934	33,064	319,360	51,998	376,282
2011	Other Rural	226,037	3,016	2,052	93,427	18,090	14,729	319,465	32,818	357,351
2010		230,210	2,806	2,048	92,755	18,058	16,218	322,965	34,276	362,096
2011	All Rural	599,026	7,073	5,703	226,040	44,530	91,666	825,065	136,196	974,038
2010		598,310	7,220	5,635	226,305	48,209	98,387	824,615	146,596	984,065
2011	Interstate Urban	341,865	2,134	2,112	82,652	14,126	33,815	424,517	47,942	476,704
2010		339,570	2,223	2,011	83,723	14,498	35,807	423,293	50,305	477,832
2011	Other Urban	1,102,519	9,293	5,967	294,541	44,859	38,210	1,397,059	83,069	1,495,389
2010		1,087,865	9,070	6,123	312,684	48,031	41,595	1,400,549	89,627	1,505,369
2011	All Urban	1,444,384	11,427	8,079	377,193	58,985	72,026	1,821,576	131,011	1,972,094
2010		1,427,435	11,293	8,135	396,407	62,529	77,402	1,823,842	139,931	1,983,200
2011	Total Rural and Urban (5)	2,043,409	18,500	13,783	603,232	103,515	163,692	2,646,641	267,207	2,946,131
2010		2,025,745	18,513	13,770	622,712	110,738	175,789	2,648,456	286,527	2,967,266
2011	Number of motor vehicles registered (2)	192,513,278	8,330,210	666,064	41,328,144	7,819,055	2,451,638	233,841,422	10,270,693	253,108,389
2010		190,202,782	8,009,503	846,051	40,241,658	8,217,189	2,552,865	230,444,440	10,770,054	250,070,048
2011	Average miles traveled	10,614	2,221	20,693	14,596	13,239	66,768	11,318	26,016	11,640
2010	per vehicle	10,650	2,311	16,275	15,474	13,476	68,859	11,493	26,604	11,866
2011	Person-miles of travel (4)	2,839,083	19,927	292,192	805,888	103,515	163,692	3,644,971	267,207	4,224,297
2010	(millions)	2,814,540	19,941	291,914	831,912	110,738	175,789	3,646,451	286,527	4,244,833
2011	Fuel consumed	88,536,602	425,410	1,932,823	35,325,791	14,183,270	28,193,355	123,862,392	42,376,625	168,597,250
2010	(thousand gallons)	86,788,518	426,732	1,921,134	36,250,974	15,096,530	29,926,664	123,039,492	45,023,193	170,410,551
2011	Average fuel consumption per vehicle (gallons)	460	51	2,902	855	1,814	11,500	530	4,126	666
2010		456	53	2,271	901	1,837	11,723	534	4,180	681
2011	Average miles traveled per gallon of fuel consumed	23.1	43.5	7.1	17.1	7.3	5.8	21.4	6.3	17.5
2010		23.3	43.4	7.2	17.2	7.3	5.9	21.5	6.4	17.4

- (1) The FHWA estimates national trends by using State reported Highway Performance and Monitoring System (HPMS) data, fuel consumption data (MF-21 and MF-27), vehicle registration data (MV-1, MV-9, and MV-10), other data such as the R. L. Polk vehicle data, and a host of modeling techniques. For 2011, changes in a couple of States' truck VMT substantially impacted national truck VMT trends. Upon further review with the States involved, FHWA still considers these changes as material fact. However, FHWA will conduct further analysis when the 2012 data are reported by the States in 2013.
- (2) Light Duty Vehicles Short WB - passenger cars, light trucks, vans and sport utility vehicles with a wheelbase (WB) equal to or less than 121 inches. Light Duty Vehicles Long WB - large passenger cars, vans, pickup trucks, and sport/utility vehicles with wheelbases (WB) larger than 121 inches. All Light Duty Vehicles - passenger cars, light trucks, vans and sport utility vehicles regardless of wheelbase.
- (3) Single-Unit - single frame trucks that have 2-axes and at least 6 tires or a gross vehicle weight rating exceeding 10,000 lbs.
- (4) Vehicle occupancy is estimated by the FHWA from the 2009 National Household Travel Survey (NHTS); For single unit truck and heavy trucks, 1 motor vehicle mile travelled = 1 person-mile traveled.
- (5) VMT data are based on the latest HPMS data available; it may not match previous published results.
- (6) The change in the number of buses is primarily due to the decline of reported public operated school buses.