

**ANNUAL VEHICLE DISTANCE TRAVELED IN MILES AND RELATED DATA - 2023(1)
BY HIGHWAY CATEGORY AND VEHICLE TYPE**

Updated: March, 2025

Table VM-1

YEAR	ITEM	LIGHT DUTY VEHICLES SHORT WB 2/	MOTOR- CYCLES	BUSES	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	
2023	Motor-Vehicle Travel: (millions of vehicle-miles)									
2022	Interstate Rural	141,502	1,014	1,576	53,228	11,957	59,441	194,729	71,398	268,717
2023	Other Arterial Rural	148,757	1,164	1,601	50,143	11,677	61,652	198,900	73,328	274,993
2022	Other Rural	232,915	2,258	2,327	104,131	19,890	33,536	337,046	53,426	395,057
2023		229,877	2,233	2,231	99,865	19,332	33,364	329,742	52,696	386,901
2022		209,061	2,757	2,144	98,503	18,432	13,888	307,564	32,321	344,786
2023		221,526	3,294	2,293	103,707	19,890	13,106	325,232	32,997	363,816
2022	All Rural	583,478	6,029	6,047	255,862	50,279	106,865	839,340	157,144	1,008,560
2023		600,160	6,691	6,125	253,714	50,899	108,122	853,874	159,021	1,025,711
2022	Interstate Urban	383,568	2,189	2,348	113,349	21,451	50,897	496,917	72,348	573,802
2023	Other Urban	378,935	2,842	2,624	104,686	20,397	49,710	483,621	70,108	559,194
2022		1,206,510	11,963	9,306	336,310	62,370	37,996	1,542,820	100,366	1,664,454
2023		1,158,710	14,232	9,741	326,459	64,928	37,216	1,485,169	102,144	1,611,287
2022	All Urban	1,590,077	14,152	11,654	449,659	83,822	88,892	2,039,737	172,714	2,238,257
2023		1,537,646	17,074	12,365	431,144	85,325	86,927	1,968,790	172,252	2,170,481
2022	Total Rural and Urban 5/	2,173,555	20,181	17,701	705,521	134,101	195,758	2,879,076	329,858	3,246,817
2023		2,137,805	23,765	18,490	684,859	136,224	195,049	2,822,664	331,272	3,196,191
2022	Number of motor vehicles registered 2/	197,134,299	9,516,910	967,525	62,103,995	11,567,428	3,324,112	259,238,294	14,891,540	284,614,269
2023	Average miles traveled per vehicle	196,467,427	9,186,256	958,055	61,273,790	11,049,522	3,239,716	257,741,217	14,289,238	282,174,766
2022	Person-miles of travel (millions) 4/	11,026	2,121	18,295	11,360	11,593	58,890	11,106	22,151	11,408
2023	Fuel consumed (thousand gallons)	10,881	2,587	19,300	11,177	12,328	60,205	10,952	23,183	11,327
2022	Average fuel consumption per vehicle (gallons)	3,337,839	20,695	375,257	1,040,166	134,101	195,758	4,378,005	329,858	5,103,815
2023		3,284,669	24,369	391,991	1,007,240	136,224	195,049	4,291,909	331,272	5,039,542
2022	Average miles traveled per gallon of fuel consumed	88,145,179	459,065	2,396,495	39,334,720	17,162,839	29,296,989	127,479,899	46,459,828	176,795,288
2023		86,040,199	540,572	2,497,605	37,939,063	17,180,850	28,218,175	123,979,262	45,399,024	172,416,463
2022		447	48	2,477	633	1,484	8,813	492	3,120	621
2023		438	59	2,607	619	1,555	8,710	481	3,177	611
2022		24.7	44.0	7.4	17.9	7.8	6.7	22.6	7.1	18.4
2023		24.8	44.0	7.4	18.1	7.9	6.9	22.8	7.3	18.5

1/ The FHWA estimates national trends by using State reported Highway Performance and Monitoring System (HPMS) data, fuel consumption data (MF-21), vehicle registration data (MV-1), other data such as the R. L. Polk vehicle data, and a host of modeling techniques.

2/ Light Duty Vehicles Short WB - passenger cars, light trucks, vans and sport utility vehicles with a wheelbase (WB) less than or equal to 121 inches. Light Duty Vehicles Long WB - large passenger cars, vans, pickup trucks, and sport utility vehicles with wheelbases (WB) greater 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-Axles and at least 6 tires or a gross vehicle weight rating exceeding 10,000 lbs.

4/ For 2023 and 2022, vehicle occupancy is estimated by the FHWA from the 2022 National Household Travel Survey (NHTS) and the annual R.L. Polk Vehicle registration data. For single unit trucks and combination trucks, 1 motor vehicle miles traveled = 1 person-miles traveled.

5/ VMT data are based on the latest HPMS data available; it may not match previous published results.