

**ANNUAL VEHICLE DISTANCE TRAVELED IN MILES AND RELATED DATA - 2021(1)
BY HIGHWAY CATEGORY AND VEHICLE TYPE**

Updated: March 2023

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	
2021	Motor-Vehicle Travel: (millions of vehicle-miles)									
2021	Interstate Rural	140,583	1,082	1,539	50,523	11,389	58,575	191,106	69,964	263,691
2020		123,042	961	1,383	44,587	10,075	51,770	167,629	61,845	231,818
2021	Other Arterial Rural	227,383	2,127	2,194	100,463	19,381	32,860	327,847	52,240	384,408
2020		207,498	2,205	2,056	92,800	17,686	30,507	300,298	48,193	352,752
2021	Other Rural	208,075	3,064	2,062	99,911	18,127	12,649	307,986	30,776	343,887
2020		192,895	2,711	1,747	93,178	16,386	12,041	286,073	28,427	318,957
2021	All Rural	576,041	6,273	5,795	250,898	48,896	104,083	826,938	152,980	991,986
2020		523,434	5,877	5,186	230,565	44,147	94,318	754,000	138,465	903,527
2021	Interstate Urban	363,954	1,970	2,275	104,795	21,428	52,051	468,749	73,480	546,474
2020		330,361	1,891	2,337	94,184	19,616	47,036	424,546	66,652	495,425
2021	Other Urban	1,148,585	11,495	8,723	331,800	61,544	39,481	1,480,385	101,025	1,601,629
2020		1,080,947	10,180	7,514	313,496	54,069	38,463	1,394,443	92,532	1,504,669
2021	All Urban	1,512,540	13,465	10,998	436,595	82,972	91,533	1,949,134	174,505	2,148,102
2020		1,411,308	12,071	9,851	407,680	73,685	85,499	1,818,989	159,184	2,000,095
2021	Total Rural and Urban 5/	2,088,580	19,738	16,793	687,493	131,869	195,616	2,776,073	327,484	3,140,088
2020		1,934,743	17,947	15,037	638,246	117,832	179,817	2,572,988	297,649	2,903,622
2021	Number of motor vehicles registered 2/	197,236,007	9,881,414	939,219	60,439,172	10,715,697	3,143,484	257,675,179	13,859,181	282,354,993
2020		194,882,977	8,347,435	1,010,304	58,796,280	9,908,409	2,990,962	253,679,257	12,899,371	275,936,367
2021	Average miles traveled per vehicle	10,589	1,997	17,880	11,375	12,306	62,229	10,774	23,629	11,121
2020		9,928	2,150	14,883	10,855	11,892	60,120	10,143	23,075	10,523
2021	Person-miles of travel (millions) 4/	3,478,974	23,774	356,010	1,172,274	131,869	195,616	4,651,247	327,484	5,358,516
2020		3,225,114	21,618	318,778	1,085,129	117,832	179,817	4,310,243	297,649	4,948,288
2021	Fuel consumed (thousand gallons)	83,634,067	448,917	2,286,521	38,386,489	17,476,443	31,898,258	122,020,555	49,374,701	174,130,694
2020		76,527,998	408,170	2,046,721	35,438,382	15,576,750	29,186,468	111,966,379	44,763,218	159,184,488
2021	Average fuel consumption per vehicle (gallons)	424	45	2,434	635	1,631	10,147	474	3,563	617
2020		393	49	2,026	603	1,572	9,758	441	3,470	577
2021	Average miles traveled per gallon of fuel consumed	25.0	44.0	7.3	17.9	7.5	6.1	22.8	6.6	18.0
2020		25.3	44.0	7.3	18.0	7.6	6.2	23.0	6.6	18.2

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 2021 and 2020, vehicle occupancy is estimated by the FHWA from the 2017 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.