

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

Updated: January 2024

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	203,373	2,967	2,013	97,513	17,895	12,421	300,885	30,316	336,182
2020		192,895	2,711	1,747	93,178	16,386	12,041	286,073	28,427	318,957
2021	All Rural	571,338	6,176	5,746	248,500	48,665	103,856	819,838	152,520	984,281
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	1,148,605	11,496	8,723	331,806	61,544	39,482	1,480,411	101,026	1,601,657
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	1,512,559	13,466	10,998	436,602	82,973	91,533	1,949,161	174,506	2,148,130
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/	2,083,898	19,642	16,744	685,101	131,637	195,389	2,768,999	327,026	3,132,411
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/	197,092,816	9,795,491	939,123	60,530,744	10,713,550	3,142,854	257,623,560	13,856,404	282,214,578
2020		194,788,825	8,347,435	1,010,304	58,890,431	9,908,410	2,990,962	253,679,256	12,899,372	275,936,367
2021	Average miles traveled per vehicle	10,573	2,005	17,830	11,318	12,287	62,169	10,748	23,601	11,099
2020		9,933	2,150	14,883	10,838	11,892	60,120	10,143	23,075	10,523
2021	Person-miles of travel (millions) 4/	3,471,196	23,659	354,983	1,168,120	131,637	195,389	4,639,316	327,026	5,344,984
2020		3,225,210	21,618	318,778	1,084,960	117,832	179,817	4,310,170	297,649	4,948,215
2021	Fuel consumed (thousand gallons)	85,306,944	446,802	2,274,325	38,493,966	17,169,260	30,439,397	123,800,910	47,608,657	174,130,694
2020		78,721,898	408,255	2,038,723	35,676,672	15,179,899	27,159,041	114,398,570	42,338,940	159,184,488
2021	Average fuel consumption per vehicle (gallons)	433	46	2,422	636	1,603	9,685	481	3,436	617
2020		404	49	2,018	606	1,532	9,080	451	3,282	577
2021	Average miles traveled per gallon of fuel consumed	24.4	44.0	7.4	17.8	7.7	6.4	22.4	6.9	18.0
2020		24.6	44.0	7.4	17.9	7.8	6.6	22.5	7.0	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.