

**ANNUAL VEHICLE DISTANCE TRAVELED IN MILES AND RELATED DATA - 2016(1)  
BY HIGHWAY CATEGORY AND VEHICLE TYPE**

Revised: May 2018

Table VM-1

| YEAR | ITEM  | LIGHT DUTY<br>VEHICLES<br>SHORT WB 2/ | MOTOR-<br>CYCLES | BUSES     | LIGHT DUTY<br>VEHICLES<br>LONG WB 2/ | SINGLE-UNIT<br>TRUCKS 3/ | COMBINATION<br>TRUCKS | SUBTOTALS                        |  | ALL<br>MOTOR<br>VEHICLES |
|------|---|---------------------------------------|------------------|-----------|--------------------------------------|--------------------------|-----------------------|----------------------------------|--|--------------------------|
|      |   |                                       |                  |           |                                      |                          |                       | ALL<br>LIGHT DUTY<br>VEHICLES /2 | SINGLE-UNIT<br>2-AXLE 6-TIRE<br>OR MORE AND<br>COMBINATION<br>TRUCKS |                          |
| 2016 | Motor-Vehicle Travel:<br>(millions of vehicle-miles)  |                                       |                  |           |                                      |                          |                       |                                  |  |                          |
| 2016 | Interstate Rural                                      | 139,460                               | 1,095            | 1,740     | 44,086                               | 9,905                    | 50,430                | 183,546                          | 60,335   | 246,716                  |
| 2015 |   | 133,747                               | 1,185            | 1,643     | 42,100                               | 9,623                    | 47,468                | 175,847                          | 57,091   | 235,766                  |
| 2016 | Other Arterial Rural                                  | 226,036                               | 2,633            | 2,116     | 91,655                               | 16,371                   | 28,794                | 317,691                          | 45,164   | 367,605                  |
| 2015 |   | 221,643                               | 2,710            | 1,966     | 86,304                               | 16,171                   | 28,636                | 307,948                          | 44,807   | 357,431                  |
| 2016 | Other Rural   | 212,457                               | 2,856            | 1,946     | 90,026                               | 15,563                   | 12,375                | 302,483                          | 27,939   | 335,224                  |
| 2015 |   | 212,993                               | 2,790            | 2,002     | 88,206                               | 16,174                   | 13,543                | 301,199                          | 29,717   | 335,708                  |
| 2016 | All Rural   | 577,954                               | 6,583            | 5,802     | 225,768                              | 41,839                   | 91,599                | 803,721                          | 133,439  | 949,545                  |
| 2015 |   | 568,383                               | 6,685            | 5,611     | 216,610                              | 41,967                   | 89,648                | 784,993                          | 131,615  | 928,905                  |
| 2016 | Interstate Urban                                      | 392,838                               | 2,939            | 2,542     | 99,523                               | 18,555                   | 41,991                | 492,361                          | 60,546   | 558,388                  |
| 2015 |   | 383,245                               | 2,530            | 2,521     | 94,124                               | 17,540                   | 41,227                | 477,369                          | 58,767   | 541,186                  |
| 2016 | Other Urban   | 1,220,973                             | 10,923           | 8,006     | 332,663                              | 52,944                   | 40,966                | 1,553,636                        | 93,910   | 1,666,475                |
| 2015 |   | 1,196,213                             | 10,391           | 8,098     | 321,118                              | 50,089                   | 39,372                | 1,517,331                        | 89,461   | 1,625,282                |
| 2016 | All Urban   | 1,613,810                             | 13,862           | 10,548    | 432,186                              | 71,499                   | 82,958                | 2,045,997                        | 154,456  | 2,224,863                |
| 2015 |   | 1,579,458                             | 12,921           | 10,619    | 415,242                              | 67,630                   | 80,599                | 1,994,700                        | 148,228  | 2,166,468                |
| 2016 | Total Rural and Urban 5/                              | 2,191,764                             | 20,445           | 16,350    | 657,954                              | 113,338                  | 174,557               | 2,849,718                        | 287,895  | 3,174,408                |
| 2015 |   | 2,147,840                             | 19,606           | 16,230    | 631,852                              | 109,597                  | 170,246               | 2,779,693                        | 279,844  | 3,095,373                |
| 2016 | Number of motor vehicles<br>registered 2/             | 192,774,508                           | 8,679,380        | 976,161   | 54,870,473                           | 8,746,518                | 2,752,043             | 247,644,981                      | 11,498,561   | 268,799,083              |
| 2015 |   | 189,618,308                           | 8,600,936        | 888,907   | 53,298,884                           | 8,456,302                | 2,746,882             | 242,917,192                      | 11,203,184   | 263,610,219              |
| 2016 | Average miles traveled<br>per vehicle                 | 11,370                                | 2,356            | 16,749    | 11,991                               | 12,958                   | 63,428                | 11,507                           | 25,037   | 11,810                   |
| 2015 |   | 11,327                                | 2,280            | 18,258    | 11,855                               | 12,960                   | 61,978                | 11,443                           | 24,979   | 11,742                   |
| 2016 | Person-miles of travel 4/<br>(millions)               | 3,699,794                             | 23,725           | 346,610   | 1,075,234                            | 113,338                  | 174,557               | 4,775,028                        | 287,895  | 5,433,258                |
| 2015 |   | 3,628,379                             | 22,752           | 344,073   | 1,028,774                            | 109,597                  | 170,246               | 4,657,153                        | 279,844  | 5,303,821                |
| 2016 | Fuel consumed<br>(thousand gallons)                   | 91,487,810                            | 465,802          | 2,225,795 | 37,818,755                           | 15,338,479               | 29,554,641            | 129,306,565                      | 44,893,120   | 176,891,283              |
| 2015 |   | 90,031,266                            | 447,879          | 2,228,068 | 36,437,330                           | 14,850,510               | 28,885,914            | 126,468,596                      | 43,736,423   | 172,880,966              |
| 2016 | Average fuel consumption per<br>vehicle (gallons)     | 475                                   | 54               | 2,280     | 689                                  | 1,754                    | 10,739                | 522                              | 3,904  | 658                      |
| 2015 |   | 475                                   | 52               | 2,507     | 684                                  | 1,756                    | 10,516                | 521                              | 3,904  | 656                      |
| 2016 | Average miles traveled per<br>gallon of fuel consumed | 24.0                                  | 43.9             | 7.3       | 17.4                                 | 7.4                      | 5.9                   | 22.0                             | 6.4  | 17.9                     |
| 2015 |   | 23.9                                  | 43.8             | 7.3       | 17.3                                 | 7.4                      | 5.9                   | 22.0                             | 6.4  | 17.9                     |

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.  
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-Axles and at least 6 tires or a gross vehicle weight rating exceeding 10,000 lbs.  
4/ Starting with 2009 VM-1, vehicle occupancy is estimated by the FHWA from the 2009 National Household Travel Survey (NHTS) and the annual RL Polk Vehicle registration data; For single unit truck and heavy trucks, 1 motor vehicle miles travelled = 1 person-miles traveled.  
5/ VMT data are based on the latest HPMS data available; it may not match previous published results.