Traffic Volume Trends
Approval to Disseminate Monthly Report
Month / Year: May 2002
Number of States: 32 states submitted data and 30 were used to calculate VMT
Remarks: We are working with Hawaii DOT to determine why they have such a large decline in travel. Hawaii is included in this report

Approvals/Concurrences:

U.S. Department of Transportation

Federal Highway

## TRAFFIC VOLUME TRENDS <br> May 2002

 Administration

Note: All data for this month are preliminary. Revised values for the previous month are shown in Tables 1 and 2 All vehicle-miles of travel computed with 2000 Table VM-2 as a base
Complied with data on hand as of August 15, 2002.



Based on preliminary reports from the State Highway Agencies, travel during May 2002 on all roads and streets in the nation changed by +2.0 percent as compared to May 2001 resulting in estimated travel for the month at 248.8 billion vehicle-miles. This total includes 100.1 billion vehicle-miles on rural roads and 148.7 billion vehicle-miles on urban roads and streets.

Travel for the current month as well the cumulative yearly total on all roads and streets is shown below. Similar totals for each year since 1970 are also included.

| Travel in Millions |  |  |
| :---: | ---: | ---: |
| All Roads and Streets |  |  |
| Year | May | Year to Date |
| 1970 | 97,972 | 435,765 |
| 1971 | 103,655 | 460,190 |
| 1972 | 110,945 | 497,847 |
| 1973 | 114,819 | 519,660 |
| 1974 | 112,167 | 498,938 |
| 1975 | 116,659 | 519,507 |
| 1976 | 123,278 | 555,564 |
| 1977 | 128,884 | 575,218 |
| 1978 | 134,427 | 599,057 |
| 1979 | 132,394 | 617,344 |
| 1980 | 131,269 | 605,946 |
| 1981 | 134,305 | 616,382 |
| 1982 | 140,283 | 615,579 |
| 1983 | 143,619 | 640,438 |
| 1984 | 151,046 | 669,693 |
| 1985 | 156,726 | 692,273 |
| 1986 | 160,459 | 718,443 |
| 1987 | 167,776 | 761,065 |
| 1988 | 178,042 | 803,309 |
| 1989 | 184,823 | 840,616 |
| 1990 | 189,247 | 864,210 |
| 1991 | 191,929 | 861,783 |
| 1992 | 196,725 | 894,428 |
| 1993 | 205,981 | 917,111 |
| 1994 | 206,594 | 933,949 |
| 1995 | 212,586 | 976,916 |
| 1996 | 218,676 | 988,128 |
| 1997 | 226,082 | $1,023,401$ |
| 1998 | 227,899 | $1,044,079$ |
| 1999 | 230,786 | $1,061,447$ |
| 2000 | 242,805 | $1,107,123$ |
| 2001 | 243,960 | $1,114,553$ |
| 2002 | 248,783 | $1,135,395$ |

Traffic Volume Trends is a monthly report based on hourly traffic count data. These data, collected at approximately 4,000 continuous traffic counting locations nationwide, are used to determine the percent change in traffic for the current month compared to the same month in the previous year. This percent change is applied to the travel for the same month of the previous year to obtain an estimate of travel for the current month.

Federal Highway Administration
Office of Highway Policy Information
400 7th Street S.W.
Washington, D.C. 20590
Table 1 - Estimated Individual Monthly Motor Vehicle Travel In The United States

| System | Month |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JAN | FEB | MAR | APRIL | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC |
| 2001 Individual Monthly Vehicle-Miles of Travel In Billions * |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 19.4 | 18.6 | 22.2 | 22.7 | 23.8 | 24.1 | 26.1 | 26.0 | 22.4 | 23.3 | 22.7 | 22.4 |
| Rural Other Arterial | 30.7 | 29.5 | 34.7 | 35.1 | 37.6 | 37.9 | 40.3 | 39.8 | 35.2 | 37.0 | 34.7 | 34.0 |
| Other Rural | 29.2 | 27.8 | 32.9 | 33.3 | 36.0 | 35.6 | 36.9 | 36.7 | 33.2 | 35.2 | 32.3 | 31.3 |
| Urban Interstate | 30.6 | 29.2 | 33.3 | 33.4 | 35.1 | 34.6 | 34.9 | 35.3 | 31.9 | 34.1 | 33.2 | 33.0 |
| Urban Other Arterial | 70.3 | 66.8 | 76.7 | 75.2 | 78.7 | 78.0 | 78.3 | 80.4 | 71.5 | 78.0 | 75.4 | 75.2 |
| Other Urban | $\underline{28.7}$ | 27.6 | 31.4 | 31.4 | 32.8 | 32.1 | 32.7 | 33.0 | 30.0 | 32.0 | 31.0 | 32.0 |
| All Systems | 208.8 | 199.5 | 231.2 | 231.1 | 244.0 | 242.3 | 249.2 | 251.3 | 224.2 | 239.7 | 229.2 | 227.9 |
| 2002 Individual Monthly Vehicle-Miles of Travel In Billions * |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 20.2 | 19.7 | 23.2 | 22.9 | 25.0 |  |  |  |  |  |  |  |
| Rural Other Arterial | 31.4 | 30.7 | 35.2 | 35.8 | 38.8 |  |  |  |  |  |  |  |
| Other Rural | 29.9 | 28.6 | 32.8 | 33.5 | 36.3 |  |  |  |  |  |  |  |
| Urban Interstate | 31.4 | 30.1 | 33.8 | 34.2 | 35.9 |  |  |  |  |  |  |  |
| Urban Other Arterial | 71.1 | 68.5 | 76.2 | 76.1 | 79.7 |  |  |  |  |  |  |  |
| Other Urban | $\underline{29.3}$ | $\underline{28.5}$ | 31.5 | 32.0 | 33.1 |  |  |  |  |  |  |  |
| All Systems | 213.3 | 206.1 | 232.7 | 234.5 | 248.8 |  |  |  |  |  |  |  |
| Percent Change In Individual Monthly Travel 2001 vs. 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 4.1 | 5.9 | 4.6 | 0.9 | 5.1 |  |  |  |  |  |  |  |
| Rural Other Arterial | 2.4 | 4.0 | 1.4 | 1.9 | 3.2 |  |  |  |  |  |  |  |
| Other Rural | 2.5 | 2.7 | -0.2 | 0.7 | 1.0 |  |  |  |  |  |  |  |
| Urban Interstate | 2.7 | 3.3 | 1.5 | 2.4 | 2.4 |  |  |  |  |  |  |  |
| Urban Other Arterial | 1.1 | 2.5 | -0.7 | 1.2 | 1.2 |  |  |  |  |  |  |  |
| Other Urban | 2.2 | 3.3 | 0.4 | 1.9 | 0.9 |  |  |  |  |  |  |  |
| All Systems | 2.2 | 3.3 | 0.7 | 1.5 | 2.0 |  |  |  |  |  |  |  |

Table 2 - Estimated Cumulative Monthly Motor Vehicle Travel in The United States

|  | Month |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| System | JAN | FEB | MAR | APRIL | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC |
| 2001 Cumulative Monthly Vehicle-Miles of Travel In Billions** |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 19.4 | 38.0 | 60.2 | 82.8 | 106.7 | 130.8 | 156.9 | 182.9 | 205.3 | 228.6 | 251.3 | 273.8 |
| Rural Other Arterial | 30.7 | 60.2 | 94.9 | 130.0 | 167.7 | 205.6 | 245.9 | 285.7 | 320.9 | 358.0 | 392.6 | 426.6 |
| Other Rural | 29.2 | 57.0 | 89.9 | 123.2 | 159.1 | 194.7 | 231.6 | 268.3 | 301.5 | 336.6 | 369.0 | 400.2 |
| Urban Interstate | 30.6 | 59.8 | 93.0 | 126.4 | 161.5 | 196.1 | 231.0 | 266.3 | 298.2 | 332.3 | 365.6 | 398.5 |
| Urban Other Arterial | 70.3 | 137.1 | 213.8 | 289.0 | 367.8 | 445.7 | 524.0 | 604.5 | 675.9 | 753.9 | 829.3 | 904.5 |
| Other Urban | 28.7 | 56.3 | 87.7 | 119.1 | 151.9 | 184.0 | $\underline{216.7}$ | $\underline{249.7}$ | $\underline{279.7}$ | 311.7 | 342.7 | 374.7 |
| All Systems | 208.8 | 408.3 | 639.5 | 870.6 | 1114.6 | 1356.9 | 1606.1 | 1857.3 | 2081.6 | 2321.2 | 2550.5 | 2778.3 |
| 2002 Cumulative Monthly Vehicle-Miles of Travel In Billions**** |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 20.2 | 39.9 | 63.1 | 85.9 | 111.0 |  |  |  |  |  |  |  |
| Rural Other Arterial | 31.4 | 62.2 | 97.3 | 133.1 | 171.9 |  |  |  |  |  |  |  |
| Other Rural | 29.9 | 58.5 | 91.3 | 124.8 | 161.1 |  |  |  |  |  |  |  |
| Urban Interstate | 31.4 | 61.6 | 95.3 | 129.5 | 165.4 |  |  |  |  |  |  |  |
| Urban Other Arterial | 71.1 | 139.5 | 215.8 | 291.9 | 371.5 |  |  |  |  |  |  |  |
| Other Urban | 29.3 | 57.8 | 89.3 | 121.4 | 154.4 |  |  |  |  |  |  |  |
| All Systems | 213.3 | 419.4 | 652.1 | 886.6 | 1135.4 |  |  |  |  |  |  |  |
| Percent Change In Cumulative Monthly Travel 2001 vs. 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 4.1 | 4.9 | 4.8 | 3.8 | 4.1 |  |  |  |  |  |  |  |
| Rural Other Arterial | 2.4 | 3.2 | 2.5 | 2.4 | 2.6 |  |  |  |  |  |  | r |
| Other Rural | 2.5 | 2.6 | 1.6 | 1.4 | 1.3 |  |  |  |  |  |  |  |
| Urban Interstate | 2.7 | 3.0 | 2.5 | 2.4 | 2.4 |  |  |  |  |  |  |  |
| Urban Other Arterial | 1.1 | 1.8 | 0.9 | 1.0 | 1.0 |  |  |  |  |  |  |  |
| Other Urban | 2.2 | 2.7 | 1.9 | 1.9 | 1.7 |  |  |  |  |  |  |  |
| All Systems | 2.2 | 2.7 | 2.0 | 1.8 | 1.9 |  |  |  |  |  |  |  |

[^0]Table 3 - Changes On Rural Arterial Roads By Region and State

|  | May |  |  |  | April |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number of Stations | Vehicle-Miles (Millions) |  | Percent Change | Number of Stations | Vehicle-Miles (Millions) |  | Percent Change |
| Region and State |  | $\frac{2002}{\text { (Preliminary) }}$ | 2001 |  |  | (Revised) | 2001 |  |
| Northeast |  |  |  |  |  |  |  |  |
| Connecticut | 17 | 434 | 414 | 4.6 | 19 | 394 | 385 | 2.4 |
| Maine |  | 536 | 525 | 2.2 |  | 511 | 501 | 2.1 |
| Massachusetts | 5 | 544 | 532 | 2.2 | 6 | 504 | 493 | 2.3 |
| New Hampshire | 47 | 390 | 382 | 2.0 | 41 | 378 | 364 | 3.8 |
| New Jersey | 16 | 780 | 783 | -0.3 | 20 | 785 | 778 | 1.0 |
| New York | 54 | 1,742 | 1,698 | 2.6 |  | 1,499 | 1,473 | 1.8 |
| Pennsylvania | 62 | 2,674 | 2,602 | 2.7 | 62 | 2,447 | 2,405 | 1.7 |
| Rhode Island | 10 | 71 | 2,69 | 2.3 | 10 | 65 | 63 | 3.1 |
| Vermont | 19 | - 7 258 | $7 \frac{251}{257}$ | 2.7 | 19 | $6, \frac{230}{813}$ | 6, $\frac{232}{693}$ | -0.9 1.8 |
|  |  | 7,428 | 7,257 | 2.4 |  | 6,813 | 6,693 | 1.8 |
| South Atlantic <br> Delaware Dist Of Columbia Florida Georgia Maryland North Carolina South Carolina Virginia West Virginia |  |  |  |  |  |  |  | 0.5 |
|  | - | 185 | 183 | 1.0 | - | 158 0 | 157 0 | 0.5 0.0 |
|  |  | - 0 | - $\begin{array}{r}18 \\ 2,500\end{array}$ | 1.0 3.7 | - | 2,626 | 2,636 | -0.4 |
|  | 10 | 2,553 | 2,458 | 3.8 | 7 | 2,553 | 2,604 | -2.0 |
|  |  | -991 | 955 | 3.7 | - | 895 | 880 | 1.8 |
|  | 50 | 2,247 | 2,176 | 3.2 | 50 | 2,153 | 2,115 | 1.8 |
|  |  | 1,795 | 1,736 | 3.4 | 29 | 1,701 | 1,679 | 1.3 |
|  | 140 | 2,190 | 2,049 | 6.9 | 141 | 1,912 | 1,868 | 2.4 |
|  | 25 | ${ }^{736}$ | $12 \frac{736}{793}$ | 0.0 | 36 | $12 \frac{745}{744}$ | $12 \frac{744}{683}$ | 0.2 |
|  |  | 13,289 | 12,793 | 3.9 |  | 12,744 | 12,683 | 0.5 |
| North Central |  |  |  |  |  |  |  |  |
| Illinois | 20 | 2,035 | 1,986 | 2.5 | 22 | 1,752 | 1,732 | 1.2 |
| Indiana |  | 1,743 | 1,681 | 3.7 | 41 | 1,643 | 1,627 | 1.0 |
| lowa | 136 | 1,181 | 1,121 | 5.3 | 138 | 1,044 | 1,030 | 1.3 |
| Kansas | 135 | 966 | 935 | 3.3 | 136 | 872 | 869 | 0.3 |
| Michigan | 140 | 2,088 | 1,984 | 5.3 | 137 | 1,871 | 1,823 | 2.6 |
| Minnesota |  | 1,571 | 1,497 | 4.9 |  | 1,374 | 1,350 | 1.7 |
| Missouri |  | 2,039 | 1,969 | 3.5 | 65 | 1,798 | 1,767 | 1.7 |
| Nebraska | 45 | 810 | 752 | 7.7 | 46 | 711 | 679 | 4.7 |
| North Dakota |  | 315 | 306 | 2.8 | - | 288 | 281 | 2.4 |
| Ohio | 78 | 2,120 | 2,044 | 3.7 | 73 | 1,943 | 1,920 | 1.2 |
| South Dakota | 40 | 432 | 417 | 3.7 | 47 | 383 | 374 | 2.3 |
| Wisconsin |  | 2,035 | 1,952 | 4.2 | - | $\frac{1,726}{15,404}$ | $\frac{1,694}{15,146}$ | 1.9 |
|  |  | 17,334 | 16,645 | 4.1 |  | 15,404 | 15,146 | 1.7 |
| South Gulf |  |  |  |  |  |  |  |  |
| Alabama | 78 | 1,548 | 1,493 | 3.7 | 76 | 1,470 | 1,455 | 1.0 |
| Arkansas |  | 1,126 | 1,083 | 3.9 | 57 | 1,045 | 1,025 | 1.9 |
| Kentucky | 57 | 1,391 | 1,354 | 2.8 | 57 | 1,282 | 1,289 | -0.5 |
| Louisiana |  | 1,086 | 1,041 | 4.3 | - | 1,007 | 979 | 2.9 |
| Mississippi | 35 | 1,227 | 1,184 | 3.6 | 36 | 1,168 | 1,141 | 2.3 |
| Oklahoma |  | 1,148 | 1,109 | 3.5 |  | 1,051 | 1,045 | 0.5 |
| Tennessee |  | 1,879 | 1,803 | 4.3 | - | 1,696 | 1,689 | 0.4 |
| Texas |  | 4,480 | 4,311 | 3.9 | - | 4,284 | 4,152 | 3.2 |
|  |  | 13,885 | 13,377 | 3.8 |  | 13,002 | 12,775 | 1.8 |
| West |  |  |  |  |  |  |  | 1.0 |
| Alaska | 20 | 139 1161 | 1,121 | 6.9 | - | 1,113 | 1,100 | 1.2 |
| Arizona | 53 | 4,095 | 3,817 | 7.3 | 59 | 3,626 | 3,578 | 1.3 |
| Colorado | 50 | 1,089 | 1,042 | 4.5 | 51 | 1,013 | 983 | 3.0 |
| Hawaii | 4 | 138 | 149 | -7.7 | 4 | 128 | 134 | -4.6 |
| Idaho | - | 464 | 448 | 3.6 |  | 410 | 398 | 3.0 |
| Montana | 108 | 510 | 499 | 2.3 | 120 | 420 | 409 | 2.7 |
| Nevada |  | 392 | 366 | 7.1 | 52 | 335 | 319 | 5.0 |
| New Mexico | - | 822 | 791 | 4.0 | 60 | 763 | 741 | 3.0 |
| Oregon | 131 | 1,072 | 1,039 | 3.2 | 133 | 962 | 930 | 3.4 |
| Utah | 86 | 606 | 574 | 5.6 | 88 | 537 | 524 | 2.3 |
| Washington | 72 | 1,047 | 1,012 | 3.4 | 69 | 967 | 946 | 2.3 |
| Wyoming |  | 11,931 | 11,365 | 4.9 5.0 |  | 10,701 | 10,482 | 2.1 |
| TOTALS | 1,743 | 63,867 | 61,436 | 4.0 | 1,950 | 58,664 | 57,778 | 1.5 |

## Traffic Volume Trends-Rural

Estimated Vehicle Miles (Millions) and Percent Change from Same Period Pervious Year
(Includes Preliminary Data for May 2002)



Traffic Volume Trends - Urban
Estimated Vehicle Miles (Millions) and Percent Change from Same Period Pervious Year
(Includes Preliminary Data for May 2002)

| Year - 2001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Urban Interstate |  |  | \% | Urban Other Arterial |  |  | \% | Other Urban |  |  | \% | Total Urban |  |  | \% | All Systems |  |  | \% |
| Jan | 30,582 |  | 9.0 | Jan | 70,266 |  | 7.0 | Jan | 28,705 |  | 6.0 | Jan | 129,553 |  | 7.3 | Jan | 208,821 |  | 7.4 |
| Feb | 29,190 |  | 4.9 | Feb | 66,823 |  | 4.2 | Feb | 27,557 |  | 3.0 | Feb | 123,570 |  | 4.1 | Feb | 199,524 |  | 3.7 |
| Mar | 33,259 |  | 4.6 | Mar | 76,730 |  | 3.7 | Mar | 31,419 |  | 2.9 | Mar | 141,408 |  | 3.7 | Mar | 231,162 |  | 4.2 |
| Q1 | 93,031 |  | 6.1 | Q1 | 213,819 |  | 4.9 | Q1 | 87,681 |  | 3.9 | Q1 | 394,531 |  | 5.0 | Q1 | 639,506 |  | 5.1 |
| Apr | 33,363 |  | 5.6 | Apr | 75,222 |  | 3.8 | Apr | 31,437 |  | 3.6 | Apr | 140,022 |  | 4.2 | Apr | 231,086 |  | 4.1 |
| May | 35,071 |  | 7.1 | May | 78,724 |  | 6.0 | May | 32,775 |  | 4.6 | May | 146,570 |  | 5.9 | May | 243,960 |  | 5.2 |
| Jun | 34,637 |  | 3.0 | Jun | 77.971 |  | 1.6 | Jun | 32,063 |  | 0.9 | Jun | 144,671 |  | 1.8 | Jun | 242,334 |  | 2.2 |
| Q2 | 103,071 |  | 5.2 | Q2 | 231,917 |  | 3.8 | Q2 | 96,275 |  | 3.0 | Q2 | 431,263 |  | 3.9 | Q2 | 717,381 |  | 3.8 |
|  | 1st Half | 196,102 | 5.6 |  | 1 st Half | 445,736 | 4.3 |  | 1 st Half | 183,956 | 3.4 |  | 1st Half | 825,794 | 4.4 |  | 1st Half | 1,356,887 | 4.4 |
| Jut | 34,886 |  | 3.7 | Jul | 78,276 |  | 2.0 | JuI | 32,706 |  | 1.2 | Jul | 145,868 |  | 2.2 | Jul | 249,171 |  | 2.0 |
| Aug | 35,298 |  | 3.6 | Aug | 80,447 |  | 3.8 | Aug | 33,044 |  | 28 | Aug | 148,789 |  | 3.5 | Aug | 251,263 |  | 3.6 |
| Sep | 31,944 |  | -1.1 | Sep | 71,454 |  | -0.7 | Sep | 30,012 |  | -1.5 | Sep | 133,410 |  | -1.0 | Sep | 224,244 |  | -0.5 |
| Q3 | 102,128 |  | 2.1 | Q3 | 230,177 |  | 1.7 | Q3 | 95,762 |  | 0.8 | Q3 | 428,067 |  | 1.6 | Q3 | 724,678 |  | 1.8 |
|  | 3 Qs | 298,230 | 4.4 | 3 Qs |  | 675,913 | 3.4 | 3 Qs |  | 279,718 | 2.5 | 3 Qs |  | 1,253,861 | 3.5 | 3 Qs |  | 2,081,565 | 3.5 |
| Oct | 34,107 |  | 2.0 | Oct | 78,023 |  | 1.4 | Oct | 32,021 |  | 1.5 | Oct | 144,151 |  | 1.5 | Oct | 239,670 |  | 2.1 |
| Nov | 33,222 |  | 3.0 | Nov | 75,351 |  | 2.3 | Nov | 30,954 |  | 2.1 | Nov | 139,527 |  | 2.4 | Nov | 229,222 |  | 2.9 |
| Dec | 32,989 |  | 4.2 | Dec | 75,208 |  | 1.6 | Dec | 32,028 |  | 0.6 | Dec | 140,225 |  | 2.0 | Dec | 227,881 |  | 2.4 |
| Q4 | 100,318 |  | 3.1 | Q4 | 228,582 |  | 1.8 | Q4 | 95,003 |  | 1.4 | Q4 | 423,903 |  | 2.0 | Q4 | 696,773 |  | 2.5 |
|  | 2nd Half | 202,446 | 2.6 |  | 2nd Half | 458,759 | 1.7 |  | 2nd Half | 190,765 | 1.1 |  | 2nd Half | 851,970 | 1.8 |  | 2nd Half | 1,421,451 | 2.1 |
|  | Year | 398,548 | 4.1 |  | Year | 904,495 | 3.0 |  | Year | 374,721 | 2.2 |  | Year | 1,677,764 | 3.1 |  | Year | 2,778,338 | 3.2 |



FIGURE 1 - MOVING 12-MONTH TOTAL ON ALL HIGHWAYS


FIGURE 2 - TRAVEL ON U.S. HIGHWAYS BY MONTH



[^0]:    * System entries may not add to give "All Systems" total due to rounding.

