Traffic Volume Trends
Approval to Disseminate Monthly Report
Month / Year: June 2003
Number of States: 31 states submitted data and 28 were used to calculate VMT
Remarks:
Approvals/Concurrences:


## TVT Verification Check List

June 2003

## (1)

## \% Change for all roads and street

P1: 1.1, P2: 1.1, P3: 1.1, P5: 1.1, P6: 1.1

## (2)

## Total travel equals the sum of urban and rural travel

 P2:All system: 248.9 (billion), Rural: 101.5 (billion), Urban: 147.4 (billion)
P3:
(table1) All system 248.9 (billion)
Rural: $25.4+39.0+37.1=101.5$ (billion)
Urban: $35.9+79.7+31.8=147.4$ (billion)
P5:
All system: 248,917 (million)
Total Rural: 101,497(million)
P6:
All system: 248,917 (million)
Total Urban: 147,420 (million)
(3) \% Change in cumulative monthly travel

P3: -0.1, P5: -0.1, P6: -0.1
(4) Cumulative monthly Vehicle-miles of travel

P2: 1,384,106 (million) (year to date)
P3: 1,384.1 (billion) (table2)
P5: 1,384,106 (million)
P6: 1,384,106 (million)
(5) -(6) : \% Change by state ; two months station count comparison

IL real data : 9.4\%. (Functional class 1 : only 1 station used in the VMT)
Used IL adjusted data instead of real data.
WI : upgrade software to version 3.
WI will send individual lane data instated of combined lane data.
solution: sum individual lane based on stationid + direction + lane + day
created combined lane data to find the matched key for 2002
only 63 station read into VMT. Need to check the reason for station decrease.

## (7) Figure

Figure 1: 2,828,119,901
Figure 2: Rural AADT : 3.38
Urban AADT: 4.91

TVT Verification Check List June 2003
\% Change for all roads and streets (pg 1, 2, 3, $5 \& 6$ )
Total travel equals the sum of urban and rural travel (pg 2, 3, $5 \& 6$ )
\% Change in cumulative monthly travel $(\operatorname{pg} 3,5 \& 6)$
Row Cumulative monthly vehicle-miles of travel (pg 3, $5 \& 6$ )
\% Change by State $(\operatorname{pg} 3)$

1,0n
Compare the number of stations currently being reported to previous months (pg 3)

Pact
Figure $1 \& 2(\operatorname{pg} 7 \& 8)$
U.S. Department of Transportation

Federal Highway

## TRAFFIC VOLUME TRENDS



## Travel on all roads and streets changed by +1.1 percent for June 2003 as compared to June 2002.



Estimated Vehicle-Miles of Travel by Region - June 2003-(in Billions)
West North Central South Gulf Northeast South Atlantic

Change in Traffic as compared to the same month last year.

$$
+1.1 \% \quad+1.1 \% \quad+1.1 \% \quad+0.3 \% \quad+1.5 \%
$$

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 2001 Table VM-2 as a base Complied with data on hand as of August 19, 2003.

Based on preliminary reports from the State Highway Agencies, travel during June 2003 on all roads and streets in the nation changed by +1.1 percent as compared to June 2002 resulting in estimated travel for the month at 248.9 billion vehicle-miles. This total includes 101.5 billion vehicle-miles on rural roads and 147.4 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 | June | Year to Date |
| 1970 | 100,035 | 535,800 |
| 1971 | 105,433 | 565,623 |
| 1972 | 113,265 | 611,112 |
| 1973 | 115,859 | 635,518 |
| 1974 | 113,888 | 612,826 |
| 1975 | 118,388 | 637,895 |
| 1976 | 124,128 | 679,692 |
| 1977 | 129,321 | 704,539 |
| 1978 | 138,883 | 73,940 |
| 1979 | 131,192 | 748,536 |
| 1980 | 131,679 | 737,625 |
| 1981 | 135,545 | 751,927 |
| 1982 | 142,111 | 757,690 |
| 1983 | 146,738 | 787,177 |
| 1984 | 153,403 | 823,096 |
| 1985 | 158,703 | 850,976 |
| 1986 | 162,370 | 880,813 |
| 1987 | 167,826 | 928,892 |
| 1988 | 178,690 | 981,999 |
| 1989 | 184,094 | $1,024,710$ |
| 1990 | 189,529 | $1,053,740$ |
| 1991 | 193,467 | $1,055,250$ |
| 1992 | 197,232 | $1,091,660$ |
| 1993 | 199,414 | $1,116,525$ |
| 1994 | 207,280 | $1,141,229$ |
| 1995 | 211,370 | $1,188,287$ |
| 1996 | 215,551 | $1,203,679$ |
| 1997 | 222,254 | $1,245,655$ |
| 1998 | 228,733 | $1,272,811$ |
| 1999 | 235,970 | $1,293,581$ |
| 2000 | 243,012 | $1,348,956$ |
| 2001 | 242,578 | $1,358,852$ |
| 2002 | 246,284 | $1,384,848$ |
| 2003 | 248,917 | $1,384,106$ |
|  |  |  |

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.
(1)

Federal Highway Administration
Office of Highway Policy Information
4007 th 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 |
| 2002 Individual Monthly Vehicle-Miles of Travel In Billions * |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 20.3 | 19.7 | 23.3 | 22.9 | 25.2 | 25.2 | 27.2 | 27.1 | 22.9 | 23.9 | 22.4 | 23.6 |
| Rural Other Arterial | 31.5 | 30.8 | 35.4 | 35.8 | 38.9 | 38.9 | 41.1 | 40.9 | 36.2 | 37.6 | 34.5 | 34.4 |
| Other Rural | 30.2 | 28.9 | 33.3 | 33.8 | 36.7 | 36.3 | 37.9 | 37.6 | 34.1 | 35.5 | 32.2 | 31.7 |
| Urban Interstate | 31.5 | 30.2 | 33.9 | 34.1 | 36.0 | 35.5 | 35.6 | 36.3 | 33.5 | 35.1 | 33.5 | 34.0 |
| Urban Other Arterial | 71.9 | 69.3 | 77.5 | 77.1 | 80.6 | 78.9 | 80.3 | 81.7 | 74.4 | 79.9 | 76.0 | 76.5 |
| Other Urban | $\underline{28.3}$ | $\underline{27.5}$ | 30.6 | 31.0 | 32.3 | 31.4 | 31.9 | 32.4 | $\underline{29.8}$ | 31.3 | 29.7 | 31.2 |
| All Systems | 213.7 | 206.4 | 234.0 | 234.7 | 249.7 | 246.3 | 253.9 | 256.0 | 230.9 | 243.3 | 228.4 | 231.4 |



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

| System | Month |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JAN | FEB | MAR | APRIL | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC |
| 2002 Cumulative Monthly Vehicle-Miles of Travel In Billions* |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 20.3 | 39.9 | 63.3 | 86.2 | 111.4 | 136.6 | 163.8 | 190.9 | 213.8 | 237.7 | 260.1 | 283.7 |
| Rural Other Arterial | 31.5 | 62.3 | 97.7 | 133.4 | 172.4 | 211.3 | 252.4 | 293.3 | 329.4 | 367.0 | 401.6 | 436.0 |
| Other Rural | 30.2 | 59.2 | 92.5 | 126.3 | 163.0 | 199.3 | 237.2 | 274.9 | 309.0 | 344.5 | 376.7 | 408.4 |
| Urban Interstate | 31.5 | 61.8 | 95.7 | 129.8 | 165.8 | 201.3 | 236.9 | 273.3 | 306.8 | 341.9 | 375.4 | 409.4 |
| Urban Other Arterial | 71.9 | 141.2 | 218.7 | 295.8 | 376.4 | 455.3 | 535.6 | 617.2 | 691.6 | 771.5 | 847.5 | 924.0 |
| Other Urban | $\underline{28.3}$ | 55.8 | 86.3 | 117.4 | 149.7 | 181.0 | $\underline{212.9}$ | 245.3 | 275.1 | 306.4 | 336.1 | 367.4 |
| All Systems | 213.7 | 420.2 | 654.1 | 888.8 | 1138.6 | 1384.8 | 1638.8 | 1894.8 | 2125.8 | 2369.1 | 2597.4 | 2828.9 |
| 2003 Cumulative Monthly Vehicle-Miles of Travel In Billions* |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 20.8 | 40.0 | 62.9 | 86.7 | 112.1 | 137.5 |  |  |  |  |  |  |
| Rural Other Arterial | 32.0 | 61.7 | 97.1 | 133.0 | 172.0 | 211.0 |  |  |  |  |  |  |
| Other Rural | 30.1 | 58.1 | 91.8 | 125.7 | 162.6 | 199.7 |  |  |  |  |  |  |
| Urban Interstate | 32.1 | 61.6 | 95.4 | 129.9 | 166.0 | 201.9 |  |  |  |  |  |  |
| Urban Other Arterial | 72.2 | 139.9 | 217.1 | 294.3 | 374.0 | 453.7 |  |  |  |  |  |  |
| Other Urban | $\underline{28.5}$ | 55.2 | 85.4 | 116.3 | 148.5 | 180.3 |  |  |  |  |  |  |
| All Systems | 215.7 | 416.5 | 649.8 | 885.9 | 1135.2 | 1384.1 |  |  |  |  |  |  |
| Percent Change In Cumulative Monthly Travel 2002 vs. 2003 |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Interstate | 2.8 | 0.1 | -0.6 | 0.7 | 0.7 | 0.7 |  |  |  |  |  |  |
| Rural Other Arterial | 1.5 | -0.9 | -0.5 | -0.3 | -0.2 | -0.1 |  |  |  |  |  |  |
| Other Rural | -0.4 | -1.8 | -0.7 | -0.5 | -0.2 | 0.2 |  |  |  |  |  |  |
| Urban Interstate | 1.7 | -0.3 | -0.3 | 0.1 | 0.1 | 0.3 |  |  |  |  |  |  |
| Urban Other Arterial | 0.4 | -1.0 | -0.7 | -0.5 | -0.6 | -0.4 |  |  |  |  |  |  |
| Other Urban | 0.6 | -1.1 | -1.0 | -0.9 | -0.8 | -0.4 |  |  |  |  |  |  |
| All Systems | 0.9 | -0.9 | -0.7 | -0.3 | -0.3 | -0.1 |  |  |  |  |  |  |

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Table 3 - Changes On Rural Arterial Roads By Region and State

| Region and State | June |  |  |  | May |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Stations } \end{gathered}$ | Vehicle-Miles |  | Percent Change | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Stations } \end{gathered}$ | Vehicle-Miles (Millions) |  | Percent Change |
|  |  |  |  |  |  |  |  |  |
|  |  | $\begin{array}{r} 2003 \\ \text { (Preliminary) } \end{array}$ | 2002 |  |  | 2003 | 2002 |  |
| Northeast |  |  |  |  |  |  |  |  |
| Connecticut | 8 | 435 | 435 | -0.1 | 8 | 432 | 432 | 0.1 |
| Massachusetts |  | 572 | 573 | -0.2 |  | 565 | 564 | 0.1 |
| New Hampshire |  | 427 | 428 | -0.3 | 33 | 387 | 383 | 1.1 |
| New Jersey | 19 | 723 | 743 | -2.7 | 17 | 782 | 778 | 0.4 |
| New York |  | 1,720 | 1,732 | -0.7 |  | 1,729 | 1,733 | -0.2 |
| Pennsylvania | 62 | 2,667 | 2,679 | -0.4 | 62 | 2,674 | 2,687 | -0.5 |
| Rhode Island |  | 70 | 70 | -0.1 | 8 | 71 | 70 | 0.9 |
| Vermont |  | 7,434 | 7,483 | -0.7 |  | 7,426 | 7,437 | -1.6 -0.1 |
| South Atlantic |  |  |  |  |  |  |  |  |
| Delaware |  | 207 | 212 | -2.2 | - | 198 | 199 | -0.8 |
| Dist Of Columbia |  |  |  | 0.0 |  |  |  | 0.0 |
| Georgia | 11 | 2,365 | 2,384 | -0.3 | 11 | 2,649 | 2,662 | -0.5 |
| Maryland |  | 1,045 | 1,039 | 0.5 |  | 1,023 | 1,023 | 0.0 |
| North Carolina |  | 2,291 | 2,284 | 0.3 |  | 2,226 | 2,240 | -0.6 |
| South Carolina |  | 1,782 | 1,796 | -0.8 |  | 1,808 | 1,836 | -1.5 |
| Virginia | 150 | 2,144 | 2,115 | 1.4 | 147 | 2,187 | 2,181 | 0.3 |
| West Virginia | 10 | 13,246 | 13,241 | 1.0 0.0 | 24 | 13,330 | 13,448 | 0.3 -0.6 |
| North Central |  |  |  |  |  |  |  |  |
| Illinois |  | 1,940 | 1,930 | 0.5 | 16 | 2,024 | 1,893 | 6.9 |
| Indiana | 38 | 1,726 | 1,734 | -0.5 | 27 | 1,911 | 1,828 | 4.6 |
| lowa | 138 | 1,214 | 1,214 | 0.0 | 138 | 1,209 | 1,202 | 0.5 |
| Michigan | 142 | 2,099 | 2,113 | -0.7 | 147 | 2,058 | 2,071 | 0.1 |
| Minnesota |  | 1,664 | 1,651 | 0.8 |  | 1,661 | 1,630 | -0.6 |
| Missouri | 66 | 1,969 | 1,956 | 0.6 | 65 | 2,074 | 2,062 | 0.6 |
| Nebraska | 47 | 797 | 792 | 0.6 | 44 | 799 | 779 | 2.6 |
| North Dakota Ohio | 54 91 | re102 | 2,095 | 1.5 | 84 | 322 2,119 | $\begin{array}{r}315 \\ 2125 \\ \hline\end{array}$ | -0.3 |
| South Dakota | 40 | 483 | 460 | 4.9 | 43 | 447 | 433 | 3.1 |
| Wisconsin | 63 | $\underline{2,073}$ | 2,059 | 0.7 | 130 | 17,025 | 1,976 | 2.5 |
| South Gulf |  |  |  |  |  |  |  |  |
| Alabama | 92 | 1,588 | 1,566 | 1.4 | 102 | 1,544 | 1,537 | 0.4 |
| Arkansas |  | 1,110 | 1,107 | 0.2 |  | 1,148 | 1,146 | 0.2 |
| Kentucky | 55 | 1,332 | 1,317 1,084 | 1.1 | 55 | 1,365 | 1,362 | 0.2 |
| Mississippi | 38 | 1,229 | 1,219 | 0.8 | 38 | 1,251 | 1,245 | 0.5 |
| Oklahoma | 31 | 1,143 | 1,161 | -1.5 | 34 | 1,129 | 1,147 | -1.5 |
| Tennessee |  | 4,069 | 4,054 | -1.7 |  | 1,889 | 1,894 | -0.3 |
|  |  | 13,930 | 13,939 | -0.1 |  | 13,845 | 13,916 | -0.5 |
| West |  |  |  |  |  |  |  |  |
| Alaska |  | 158 | 153 | 3.3 |  | 141 | 141 | 0.0 |
| Arizona |  | 1,316 | 1,276 | 3.1 | 10 | 1,166 | 1,158 | 0.7 |
| California | 43 | 4,166 | 4,025 | 3.5 | 50 | 4,244 | 4,234 | 0.2 |
| Colorado | 42 | 1,096 | 1,115 | -1.6 | 35 | 1,069 | 1,102 | -3.0 |
| Hawaii | 3 | 150 | 146 | 2.7 | 3 | 145 | 137 | 5.8 |
| Montana | 130 | 406 | 593 | 2.6 | 129 | 526 | 461 | 0.4 |
| Nevada |  | 376 | 365 | 3.1 |  | 388 | 388 | -0.1 |
| New Mexico |  | 807 | 818 | -1.3 |  | 814 | 824 | -1.2 |
| Oregon | 132 | 1,132 | 1,105 | 2.4 | 136 | 1,068 | 1,067 | 0.1 |
| Utah | 95 | 1,085 | 637 | -0.3 | 85 | 608 | 612 | -0.7 |
| $\bigcirc$ Wyoming |  |  |  | 0.4 |  | 415 | 416 | -0.4 |
|  |  | 12,500 | 12,267 | 1.9 |  | 12,092 | 12,099 | -0.1 |
| TOTALS | 1,815 | 64,436 | 64,188 | 0.4 | 1,908 | 64,286 | 64,126 | 0.2 |

Traffic Volume Trends-Rural
Estimated Vehicle Miles (Millions) and Percent Change from Same Period Pervious Year
(Includes Preliminary Data for June 2003)

| Year - 2002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rural Interstate \% |  |  |  | Rural Other Arterial |  |  |  |  | Other Rural |  | \% |  | Total Rural |  | \% | All Systems |  |  | \% |
| Jan | 20,251 |  | 4.2 | Jan | 31,501 |  | 2.5 | Jan | 30,217 |  | 2.5 | Jan | 81,969 |  | 2.9 | Jan | 213,747 |  | 2.1 |
| Feb | 19,686 |  | 5.9 | Feb | 30,779 |  | 4.1 | Feb | 28,947 |  | 2.7 | Feb | 79,412 |  | 4.0 | Feb | 206,426 |  | 3.3 |
| Mar | 23,319 |  | 5.1 | Mar | 35,388 |  | 1.9 | Mar | 33,324 |  | 0.3 | Mar | 92,031 |  | 2.1 | Mar | 233,972 |  | 1.1 |
| Q1 | 63,256 |  | 5.1 | Q1 | 97,668 |  | 2.8 | Q1 | 92,488 |  | 1.7 | Q1 | 253,412 |  | 3.0 | Q1 | 654,144 |  | 2.1 |
| Apr | 22,908 |  | 0.9 | Apr | 35,762 |  | 1.8 | Apr | 33,786 |  | 0.6 | Apr | 92,456 |  | 1.1 | Apr | 234,695 |  | 1.4 |
| May | 25,205 |  | 5.7 | May | 38,921 |  | 3.4 | May | 36,714 |  | 1.2 | May | 100,840 |  | 3.1 | May | 249,725 |  | 2.2 |
| Jun | 25,250 |  | 4.5 | Jun | 38,939 |  | 2.6 | Jun | 36,292 |  | 1.1 | Jun | 100,481 |  | 2.5 | Jun | 246,284 |  | 1.5 |
| Q2 | 73,363 |  | 3.7 | Q2 | 113,622 |  | 2.6 | Q2 | 106,792 |  | 1.0 | Q2 | 293,777 |  | 2.3 | Q2 | 730,704 |  | 1.7 |
|  | 1st Half | 136,619 | 4.4 |  | 1st Half | 211,290 | 2.7 |  | 1st Half | 199,280 | 1.3 |  | 1st Half | 547,189 | 2.6 |  | 1st Half | 1,384,848 | 1.9 |
| Jul | 27,180 |  | 4.2 | Jul | 41,088 |  | 2.0 | Jul | 37,933 |  | 1.8 | Jul | 106,201 |  | 2.5 | Jul | 253,935 |  | 2.1 |
| Aug | 27,109 |  | 4.1 | Aug | 40,882 |  | 2.6 | Aug | 37,643 |  | 1.6 | Aug | 105,634 |  | 2.6 | Aug | 256,042 |  | 1.7 |
| Sep | $\underline{22,908}$ |  | 2.1 | Sep | 36,168 |  | 2.6 | Sep | 34,109 |  | 1.9 | Sep | 93,185 |  | 2.2 | Sep | 230,941 |  | 2.8 |
| Q3 | 77,197 |  | 3.5 | Q3 | 118,138 |  | 2.4 | Q3 | 109,685 |  | 1.8 | Q3 | 305,020 |  | 2.4 | Q3 | 740,918 |  | 2.2 |
|  | 3 Qs | 213,816 | 4.1 |  | 3 Qs | 329,428 | 2.6 |  | 3 Qs | 308,965 | 1.5 |  | 3 Qs | 852,209 | 2.5 |  | 3 Qs | 2,125,766 | 2.0 |
| Oct | 23,920 |  | 2.3 | Oct | 37,607 |  | 1.5 | Oct | 35,497 |  | 0.1 | Oct | 97,024 |  | 1.2 | Oct | 243,296 |  | 1.4 |
| Nov | 22,408 |  | -1.4 | Nov | 34,531 |  | -0.5 | Nov | 32,243 |  | -1.1 | Nov | 89,182 |  | -0.9 | Nov | 228,368 |  | -0.5 |
| Dec | 23,565 |  | 4.9 | Dec | 34,413 |  | 1.1 | Dec | 31,659 |  | 0.3 | Dec | 89,637 |  | 1.8 | Dec | 231,432 |  | 1.5 |
| Q4 | 69,893 |  | 1.9 | Q4 | 106,551 |  | 0.7 | Q4 | 99,399 |  | -0.2 | Q4 | 275,843 |  | 0.7 | Q4 | 703,096 |  | 0.8 |
|  | 2nd Half | 147,090 | 2.8 |  | 2nd Half | 224,689 | 1.6 |  | 2nd Half | 209,084 | 0.8 |  | 2nd Half | 580,863 | 1.6 |  | 2nd Half | 1,444,014 | 1.5 |
|  | Year | 283,709 | 3.5 |  | Year | 435,979 | 2.1 |  | Year | 408,364 | 1.1 |  | Year | 1,128,052 | 2.1 |  | Year | 2,828,862 | 1.7 |



Traffic Volume Trends - Urban
Estimated Vehicle Miles (Millions) and Percent Change from Same Period Pervious Year
(Includes Preliminary Data for June 2003)



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




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

