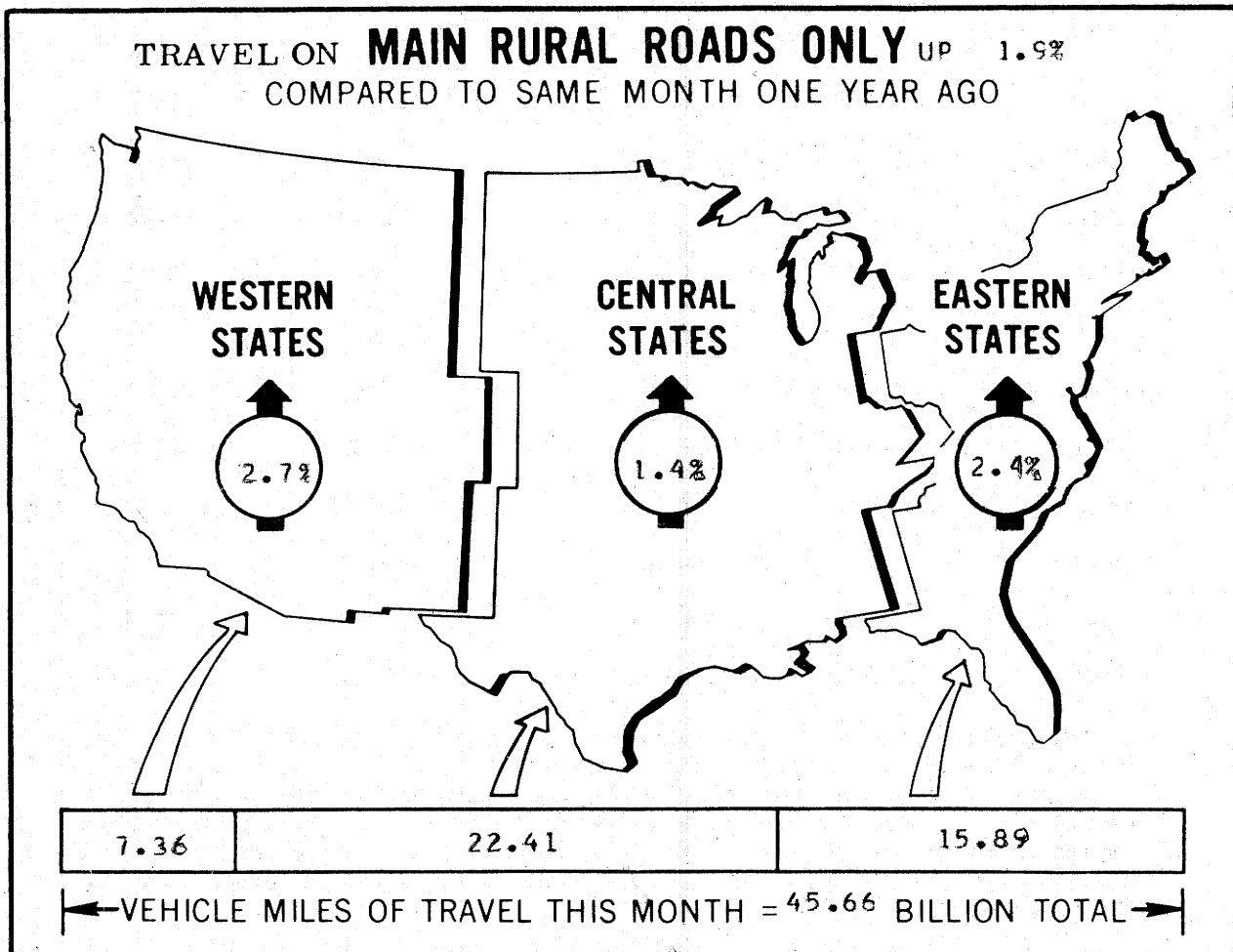


TRAFFIC VOLUME TRENDS

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

OCTOBER 1981 ^{1/}

TRAVEL ON **ALL ROADS AND STREETS** UP 1.3%
COMPARED TO SAME MONTH ONE YEAR AGO



^{1/} ALL DATA FOR THIS MONTH ARE PRELIMINARY, REVISED VALUES FOR PREVIOUS MONTH ARE SHOWN IN TABLES 1 and 2.

NOTE: ALL VEHICLE MILES OF TRAVEL HAVE BEEN COMPUTED WITH 1979 VM-2 DATA AS A BASE.

FOR OFFICIAL DISTRIBUTION

Traffic Volume Trends - October 1981

Based on preliminary reports from the State highway agencies, travel during October 1981 on all roads and streets in the nation increased by 1.3 percent as compared to October 1980, resulting in estimated travel for the month at 132,660 million vehicle miles. This total includes 45,878 million vehicle miles on main rural roads, 12,546 million vehicle miles on other rural roads, and 74,236 million vehicle miles on city streets.

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

Travel in Millions

| | Main Rural Roads | | All Roads and Streets | |
|------|------------------|--------------|-----------------------|--------------|
| | October | Year To Date | October | Year To Date |
| 1970 | 35338 | 348504 | 96317 | 940733 |
| 1971 | 37470 | 367017 | 102525 | 994545 |
| 1972 | 38671 | 379784 | 108841 | 1066531 |
| 1973 | 39754 | 393417 | 113089 | 1105051 |
| 1974 | 38582 | 374601 | 112572 | 1079483 |
| 1975 | 40032 | 392019 | 115250 | 1115140 |
| 1976 | 42452 | 422371 | 121210 | 1183137 |
| 1977 | 45168 | 441142 | 127388 | 1228666 |
| 1978 | 46383 | 456371 | 132930 | 1299927 |
| 1979 | 45315 | 442989 | 131619 | 1282525 |
| 1980 | 44994 | 434143 | 130929 | 1265322 |
| 1981 | 45878 | 450460 | 132660 | 1296648 |

Traffic Volume Trends is a monthly report prepared by the Planning Services Branch, Highway Statistics Division, 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 period in the previous year to obtain travel for the current period.

For extra copies, or to be put on the monthly mailing list, contact:

Federal Highway Administration
 Highway Statistics Division, Rm 3300
 400 7th St., SW
 Washington, D.C. 20590
 Phone (202) 426-0160

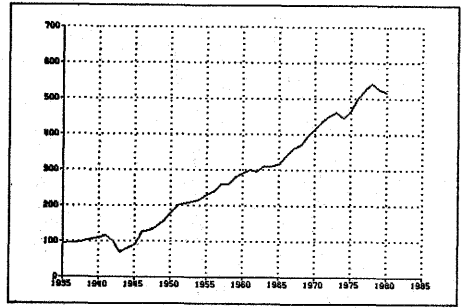
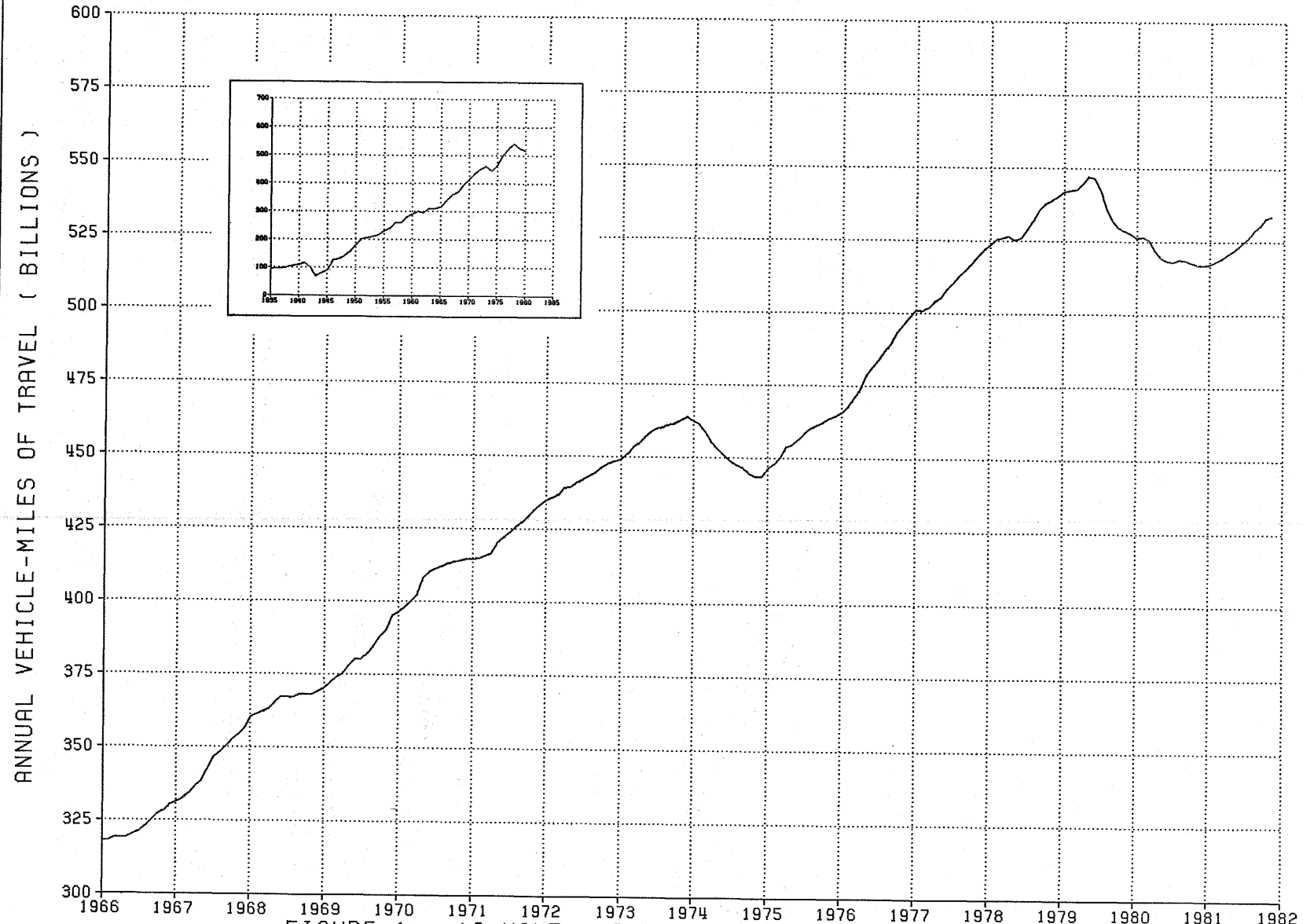


FIGURE 1 - 12 MONTH MOVING TOTAL ON MAIN RURAL ROADS

DATE PREPARED - DECEMBER 15, 1981.
PREPARED BY ALICE P. ROTHROCK

FIGURE 2-A - TRAVEL ON MAIN RURAL ROADS BY MONTH

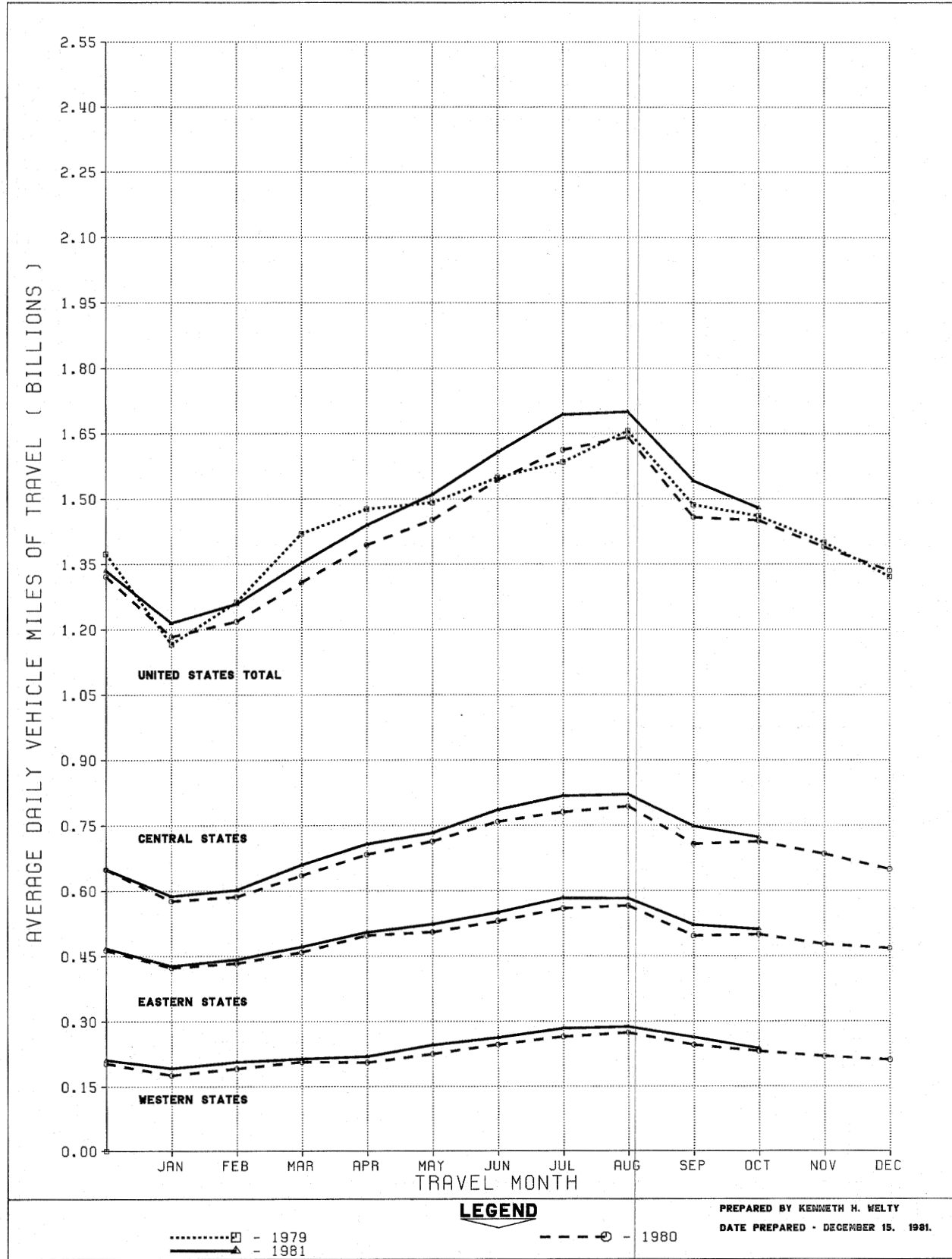


FIGURE 2-B - TRAVEL ON URBAN ROADS AND STREETS BY MONTH

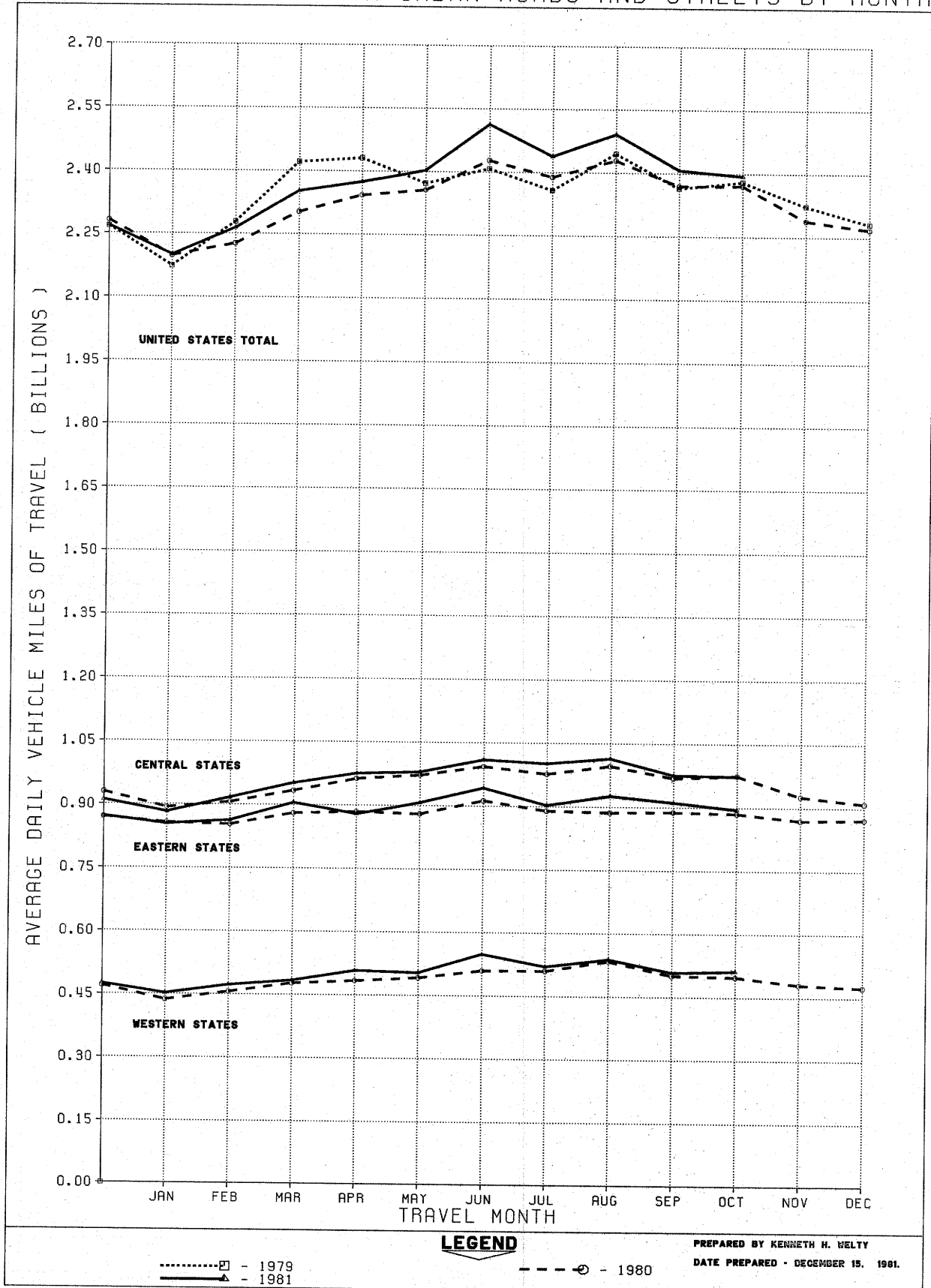


FIGURE 3A - ANNUAL TRAVEL ON MAIN RURAL ROADS AS PERCENTAGE OF YEAR 1965

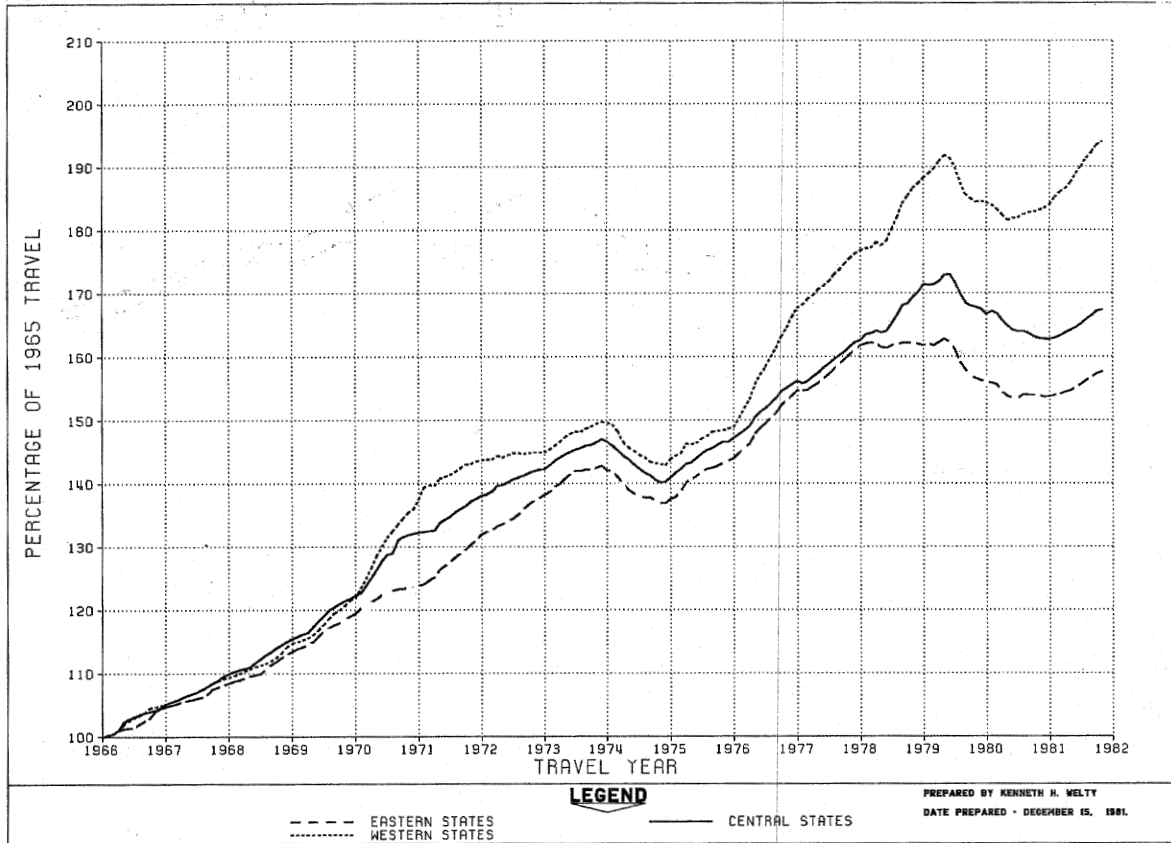


FIGURE 3B - TRAVEL ON URBAN ROADS AND STREETS AS PERCENTAGE OF YEAR 1965

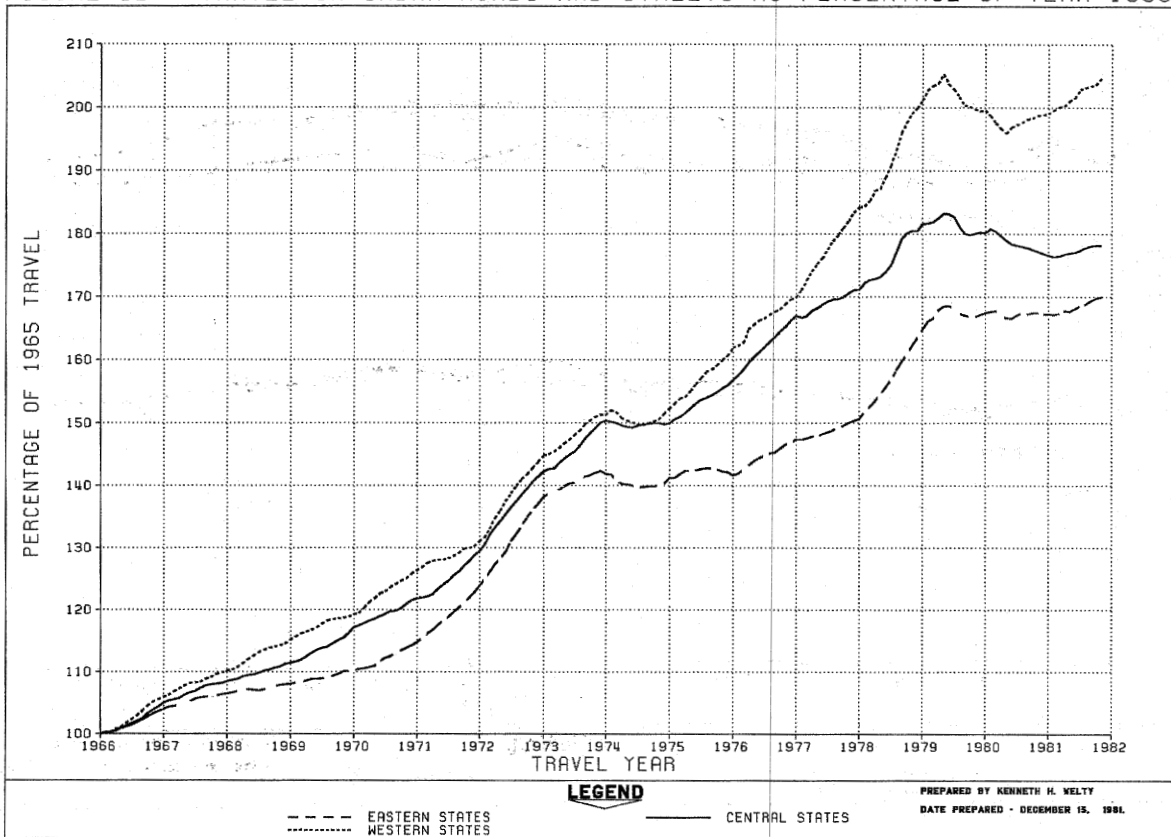


TABLE 1.-SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

| CLASS OF ROAD, ALL STATES: | PRELIMINARY DATA FOR OCTOBER | | | REVISED DATA FOR SEPTEMBER | | |
|------------------------------|------------------------------|---------|-------------------|----------------------------|---------|-------------------|
| | VEHICLE-MILES (MILLIONS) | | PERCENTAGE CHANGE | VEHICLE-MILES (MILLIONS) | | PERCENTAGE CHANGE |
| | 1981 | 1980 | | 1981 | 1980 | |
| MAIN RURAL ROADS..... | 45,878 | 44,994 | 2.0 | 46,260 | 43,745 | 5.7 |
| LOCAL RURAL ROADS..... | 12,546 | 12,430 | 0.9 | 12,078 | 11,608 | 1.4 |
| ALL RURAL ROADS..... | 58,424 | 57,424 | 1.7 | 58,338 | 55,354 | 4.8 |
| CITY STREETS..... | 74,236 | 73,505 | 1.0 | 72,227 | 71,102 | 1.6 |
| ALL ROADS AND STREETS..... | 132,660 | 130,929 | 1.3 | 130,566 | 126,756 | 3.0 |
| 48 STATES (MAIN RURAL ONLY): | | | | | | |
| EASTERN REGION..... | 15,886 | 15,511 | 2.4 | 15,665 | 14,913 | 5.0 |
| CENTRAL REGION..... | 22,419 | 22,119 | 1.4 | 22,458 | 21,241 | 5.7 |
| WESTERN REGION..... | 7,355 | 7,164 | 2.7 | 7,898 | 7,372 | 7.1 |
| TOTAL..... | 45,660 | 44,794 | 1.9 | 46,021 | 43,526 | 5.7 |

TABLE 2.-CHANGES ON MAIN RURAL ROADS BY STATES

| DIVISION AND STATE | OCTOBER (PRELIMINARY) | | SEPTEMBER (REVISED) | | DIVISION AND STATE | OCTOBER (PRELIMINARY) | | SEPTEMBER (REVISED) | |
|-------------------------|-----------------------|--------------------|---------------------|--------------------|---------------------|-----------------------|--------------------|---------------------|--------------------|
| | NUMBER OF STATIONS | PER-CENTAGE CHANGE | NUMBER OF STATIONS | PER-CENTAGE CHANGE | | NUMBER OF STATIONS | PER-CENTAGE CHANGE | NUMBER OF STATIONS | PER-CENTAGE CHANGE |
| NEW ENGLAND: | | | | | EAST SOUTH CENTRAL: | | | | |
| CONNECTICUT..... | 4 | - 0.3 | 5 | 2.0 | ALABAMA..... | 46 | 2.3 | 51 | 4.0 |
| MAINE..... | 22 | - 0.3 | 23 | 4.6 | KENTUCKY..... | 36 | 1.4 | 35 | 5.1 |
| MASSACHUSETTS..... | - | - | 6 | 9.3 | MISSISSIPPI..... | 40 | 1.3 | 39 | 4.9 |
| NEW HAMPSHIRE..... | - | - | - | - | TENNESSEE..... | 28 | 0.3 | 28 | 5.1 |
| RHODE ISLAND..... | - | - | - | - | WEST NORTH CENTRAL: | | | | |
| VERMONT..... | 37 | 0.0 | 36 | 4.4 | IOWA..... | - | - | 35 | 4.5 |
| MIDDLE ATLANTIC: | | | | | KANSAS..... | 64 | 2.1 | 65 | 5.4 |
| NEW JERSEY..... | - | - | 14 | - 0.3 | MINNESOTA..... | - | - | 36 | 5.0 |
| NEW YORK..... | 25 | 1.6 | 27 | 5.7 | MISSOURI..... | 72 | 0.5 | 71 | 6.1 |
| PENNSYLVANIA..... | 52 | 3.5 | 50 | 2.8 | NEBRASKA..... | 19 | 2.2 | 20 | 6.5 |
| SOUTH ATLANTIC (NORTH): | | | | | NORTH DAKOTA..... | 31 | 5.3 | 27 | 7.7 |
| DELAWARE..... | 12 | 2.5 | 12 | 4.6 | SOUTH DAKOTA..... | - | - | 35 | 5.2 |
| MARYLAND..... | - | - | - | - | WEST SOUTH CENTRAL: | | | | |
| VIRGINIA..... | - | 3.2 | - | 2.8 | ARKANSAS..... | - | - | - | - |
| WEST VIRGINIA..... | 24 | 5.8 | 25 | 2.9 | LOUISIANA..... | - | - | - | - |
| SOUTH ATLANTIC (SOUTH): | | | | | KLAPAROMA..... | 26 | 5.5 | 25 | 10.5 |
| FLORIDA..... | 45 | 4.1 | - | - | TEXAS..... | 117 | 4.6 | 117 | 10.3 |
| GEORGIA..... | 23 | 1.5 | 22 | 8.1 | MOUNTAIN: | | | | |
| NORTH CAROLINA..... | 48 | 2.1 | 47 | 7.2 | ARIZONA..... | 19 | 3.8 | 19 | 7.0 |
| SOUTH CAROLINA..... | - | - | - | - | COLORADO..... | 42 | 5.1 | 42 | 10.1 |
| EAST NORTH CENTRAL: | | | | | IDAHO..... | 61 | 1.0 | 61 | 4.0 |
| ILLINOIS..... | 28 | - 0.5 | 34 | 6.2 | MONTANA..... | 27 | 1.1 | 26 | 7.7 |
| INDIANA..... | 21 | - 1.5 | 21 | 1.9 | NEVADA..... | 29 | - 3.3 | 28 | 4.2 |
| MICHIGAN..... | - | - | 56 | 5.0 | NEW MEXICO..... | - | - | 22 | 5.7 |
| OHIO..... | 16 | - 2.0 | 16 | 0.8 | UTAH..... | 40 | 2.1 | 43 | 6.4 |
| WISCONSIN..... | 39 | - 1.3 | 41 | 4.3 | WYOMING..... | 25 | 5.1 | 24 | 8.1 |
| ALASKA..... | 12 | 11.5 | 27 | 14.2 | PACIFIC: | | | | |
| HAWAII..... | - | - | 3 | 5.2 | CALIFORNIA..... | 16 | 3.4 | 14 | 7.9 |
| | | | | | OREGON..... | - | - | 12 | 4.8 |
| | | | | | WASHINGTON..... | 6 | 1.1 | 25 | 6.9 |

NOTE: 1-RURAL MILEAGE OF EACH MAJOR TOLL ROUTE IS CONSIDERED AS ONE OR MORE STATIONS, DEPENDING ON STATES' METHOD OF REPORTING.

2-WHERE THE NUMBER OF STATIONS IS SHOWN AS A DASH AND A VALUE FOR PERCENTAGE CHANGE IS INDICATED, THE LATTER VALUE IS BASED ON A STATEWIDE ESTIMATE PROVIDED BY THE HIGHWAY AGENCY DETERMINED FROM EXTENSIVE TRAFFIC SAMPLING SURVEYS.

3-WHERE THE NUMBER OF STATIONS AND THE PERCENTAGE CHANGE ARE SHOWN AS DASHES, SUFFICIENT INFORMATION WAS NOT AVAILABLE TO DETERMINE AN ESTIMATE.

FEDERAL HIGHWAY ADMINISTRATION
HIGHWAY STATISTICS DIVISION
400 - 7TH STREET, S.W.
WASHINGTON, D.C. 20590

TABLE 3.

ESTIMATED INDIVIDUAL MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES ***

| SYSTEM | MONTH | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
| 1980 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS* | | | | | | | | | | | | |
| MAIN RURAL | 36.7 | 34.1 | 40.6 | 41.8 | 45.0 | 46.3 | 50.0 | 50.5 | 43.7 | 45.0 | 41.7 | 41.4 |
| LOCAL RURAL | 11.0 | 10.2 | 11.7 | 11.8 | 12.3 | 12.3 | 12.6 | 12.7 | 11.9 | 12.4 | 11.7 | 11.5 |
| URBAN | 68.1 | 62.4 | 71.4 | 70.3 | 73.1 | 72.8 | 74.1 | 75.3 | 71.1 | 73.5 | 68.7 | 70.3 |
| ALL SYSTEMS | 115.8 | 106.7 | 123.7 | 123.9 | 130.4 | 131.4 | 136.7 | 135.0 | 126.8 | 130.9 | 122.0 | 123.3 |
| 1981 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS** | | | | | | | | | | | | |
| MAIN RURAL | 37.7 | 35.2 | 41.9 | 43.2 | 46.8 | 48.2 | 52.5 | 52.7 | 46.3 | 45.5 | | |
| LOCAL RURAL | 11.1 | 10.4 | 12.0 | 12.1 | 12.5 | 12.7 | 12.5 | 12.5 | 12.1 | 12.5 | | |
| URBAN | 68.2 | 63.4 | 72.5 | 71.3 | 74.5 | 75.4 | 75.6 | 77.2 | 72.2 | 74.2 | | |
| ALL SYSTEMS | 117.0 | 109.0 | 126.5 | 126.5 | 133.8 | 136.3 | 141.0 | 142.8 | 130.6 | 132.7 | | |
| PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1981 VS. 1980 | | | | | | | | | | | | |
| MAIN RURAL | 2.7 | 3.3 | 3.4 | 3.3 | 4.0 | 4.1 | 5.0 | 3.5 | 5.7 | 2.0 | | |
| LOCAL RURAL | 1.4 | 1.4 | 2.6 | 2.2 | 1.3 | 2.8 | 2.2 | 1.2 | 1.4 | 0.5 | | |
| URBAN | 0.1 | 1.7 | 2.2 | 1.4 | 2.0 | 3.5 | 2.1 | 2.6 | 1.6 | 1.0 | | |
| ALL SYSTEMS | 1.0 | 2.2 | 2.6 | 2.1 | 2.6 | 3.7 | 3.2 | 2.8 | 3.0 | 1.3 | | |

* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1980 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

** TO BE REVISED BASED ON 1980 FINAL TRAVEL ESTIMATES.

*** SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.

FOR FURTHER INFORMATION CONTACT KENNETH KELLY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION, 202-426-0160.

FEDERAL HIGHWAY ADMINISTRATION
HIGHWAY STATISTICS DIVISION
400 - 7TH STREET, S.W.
WASHINGTON, D.C. 20590

TABLE 4.

ESTIMATED CUMULATIVE MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES ***

| SYSTEM | MONTH | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
| 1980 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS* | | | | | | | | | | | | |
| MAIN RURAL | 36.7 | 70.8 | 111.4 | 153.2 | 198.2 | 244.5 | 294.5 | 345.4 | 385.1 | 434.1 | 475.8 | 517.2 |
| LOCAL RURAL | 11.0 | 21.2 | 32.5 | 44.8 | 57.1 | 69.4 | 82.0 | 94.8 | 106.7 | 119.1 | 130.8 | 142.3 |
| URBAN | 68.1 | 130.5 | 201.5 | 272.2 | 345.2 | 418.1 | 492.1 | 567.5 | 638.6 | 712.1 | 780.7 | 851.1 |
| ALL SYSTEMS | 115.8 | 222.5 | 346.2 | 470.1 | 600.5 | 732.0 | 868.7 | 1007.6 | 1134.4 | 1265.2 | 1387.4 | 1510.6 |
| 1981 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS** | | | | | | | | | | | | |
| MAIN RURAL | 37.7 | 72.9 | 114.8 | 158.0 | 204.9 | 253.1 | 305.6 | 358.3 | 404.6 | 450.5 | | |
| LOCAL RURAL | 11.1 | 21.5 | 33.6 | 45.6 | 58.1 | 70.8 | 83.7 | 96.6 | 108.7 | 121.2 | | |
| URBAN | 68.2 | 131.6 | 204.5 | 275.8 | 350.3 | 425.7 | 501.3 | 578.5 | 650.7 | 725.0 | | |
| ALL SYSTEMS | 117.0 | 226.0 | 352.5 | 479.4 | 613.3 | 749.5 | 890.6 | 1033.4 | 1164.0 | 1296.6 | | |
| PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1981 VS. 1980 | | | | | | | | | | | | |
| MAIN RURAL | 2.7 | 3.0 | 3.1 | 3.2 | 3.4 | 3.5 | 3.6 | 3.7 | 4.0 | 3.8 | | |
| LOCAL RURAL | 1.4 | 1.4 | 1.8 | 1.9 | 1.8 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | | |
| URBAN | 0.1 | 0.6 | 1.3 | 1.3 | 1.5 | 1.8 | 1.9 | 1.9 | 1.9 | 1.8 | | |
| ALL SYSTEMS | 1.0 | 1.6 | 1.9 | 2.0 | 2.1 | 2.4 | 2.5 | 2.6 | 2.6 | 2.5 | | |

* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1980 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.
** TO BE REVISED BASED ON 1980 FINAL TRAVEL ESTIMATES.
*** SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.
FOR FURTHER INFORMATION CONTACT KENNETH WELTY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION. 202-426-0160.

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