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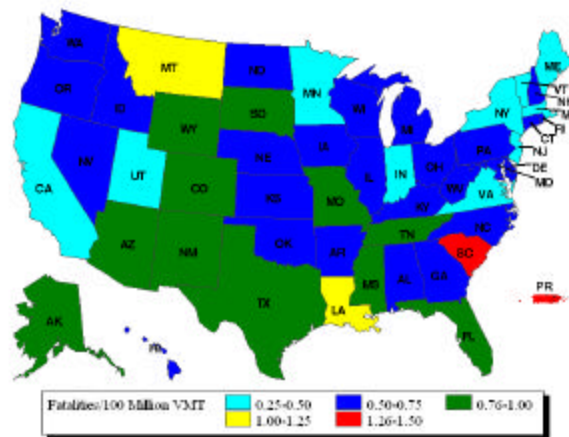


DOT HS 809 528

December 2002

## Technical Report

# State Alcohol Related Fatality Rates



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| 15. Supplementary Notes<br><b>Dennis Utter is the Chief of the Mathematical Analysis Division<br/>Rajesh Subramanian is a Programmer Analyst employed by Rainbow Technology, Inc., a contractor for the Mathematical Analysis Division of the National Center for Statistics and Analysis.<br/>William Deutermann is a Statistician with the Mathematical Analysis Division.</b>   |   |   |  |  |  |
| 16. Abstract<br><br>Alcohol related fatalities are defined as fatalities that occur in crashes where at least one driver or nonoccupant (pedestrian or pedalcyclist) involved in the crash has a positive Blood Alcohol Concentration (BAC) value.<br><br>This report examines the extent of alcohol related fatalities in traffic crashes across states and over time and normalizes this data by estimating the rate of these fatalities as a function of the Annual Vehicle Miles of Travel (VMT) data for that state. The rate of alcohol related fatalities as a measure of the State's VMT serves as an important metric for States and NHTSA Regions to evaluate the effectiveness of their drunk-driving countermeasures as well as assess the performance of their alcohol programs relative to their states and regions. |   |   |  |  |  |
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## Introduction

The purpose of this document is to present rates of alcohol involvement in fatal crashes by state from 1982 to 2001. Also, NHTSA has recently adopted a new methodology to estimate missing alcohol data in FARS and this report documents state-wise historic estimates of alcohol involvement that have been re-calculated using the new methodology.

Alcohol related fatalities are defined as fatalities that occur in crashes where at least one driver or nonoccupant (pedestrian or pedalcyclist) involved in the crash has a positive Blood Alcohol Concentration (BAC) value.

In 2001, about 17,448 fatalities or roughly 41 percent of all fatalities in Motor Vehicle Traffic Crashes were estimated to be alcohol related. The number of fatalities varied widely across the states and over time for various reasons, the most significant of which could be varying exposure. An important metric most frequently used by NHTSA to quantify exposure to the risk of fatal traffic crashes is the Federal Highway Administration's (FHWA) Annual Vehicle Miles of Travel (VMT) data.

This report examines the extent of alcohol related fatalities in traffic crashes across states and over time and normalizes this data by estimating the rate of these fatalities as a function of the Annual VMT data for that state. The rate of alcohol related fatalities serves as an important metric for States and NHTSA Regions to evaluate the effectiveness of their drunk-driving countermeasures as well as to assess the performance of their alcohol programs relative to other states and regions.

## Methodology

The estimates of alcohol involvement in this report are based on known Blood Alcohol Concentration (BAC) values as well as estimated BAC values in those cases where the test results are not known. BAC values have been assigned using statistical procedures<sup>1</sup> to drivers, pedestrians and pedalcyclists involved in fatal crashes only when their alcohol test results are unknown.

The *Alcohol Related Fatality Rate* (AR Rate) in a given year is simply the ratio of the alcohol related fatalities in that year and the VMT as expressed below:

$$AR\ Rate\ Year = \left[ \frac{(AR\ Fatalities)\ Year}{VMT\ Year} \right] * 100$$

FHWA publishes Annual VMT in millions of miles traveled in every state. NHTSA uses these estimates to present its annual fatality rate per 100 million vehicle miles of travel. There is no measure that quantifies the extent of driving under the influence of alcohol. Hence, all rate measures (Total and alcohol-related fatality rates) in this report will be quantified per 100 million vehicle miles of travel.

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1 NHTSA uses *multiple imputation* to estimate missing BAC values in FARS. For more information refer to *Transitioning to Multiple Imputation: A New Method for estimating missing BAC values in FARS [DOT HS 809 403]*

## Data

The data used throughout this report are from NCSA's Fatality Analysis Reporting System (FARS). Final FARS files are available from 1982 to 2000 and data is available for 2001 in the form of the Annual Report File (ARF – to be updated to a final version early next year).

Supplemental alcohol files containing the crash and person level estimated and known alcohol test results are available for the 1982 to 2001 FARS data. These data are combined with the FARS files to generate estimates of alcohol involvement by state and county.

Annual VMT data by state is released by the Federal Highway Administration (FHWA). Further classification of this data by county is not available.

Information on the status of impaired driving legislations has been extracted from NHTSA's 2001 Traffic Safety Facts Annual Report (NHTSA, 2002). Variations occur for some states as new laws were enacted in 2001.

## Tabulations

This section presents estimated rates of alcohol involvement for each state from 1982, the first data year for which NHTSA began reporting alcohol data, to 2001, the most recent year for which data is available.

For each state, there are three Tables, a chart and a map that depict the data. The tables are:

- A Table showing the number of total (Tot) and alcohol related fatalities (Alc-Rel), alcohol related fatalities as a proportion of total fatalities (%), total and alcohol related fatality rate per 100 Million VMT.
- A Table depicting the percent change in alcohol related fatality rate over the last 10, 5, 3 and 1 year periods as well as the change from 1982 as well as provide comparisons with the corresponding rates for the U.S. for those periods of time.
- A Table outlining the BAC levels of *per se* Impaired Driving Legislations and where available, the *Effective Date* of such a law.
- A chart with trend lines from 1982 to 2001 for Total Fatality Rates for the State and the U.S. as well as Alcohol Related Fatality Rate for the State and the U.S.
- A map for each state that depicts the alcohol related fatalities by county for the state.

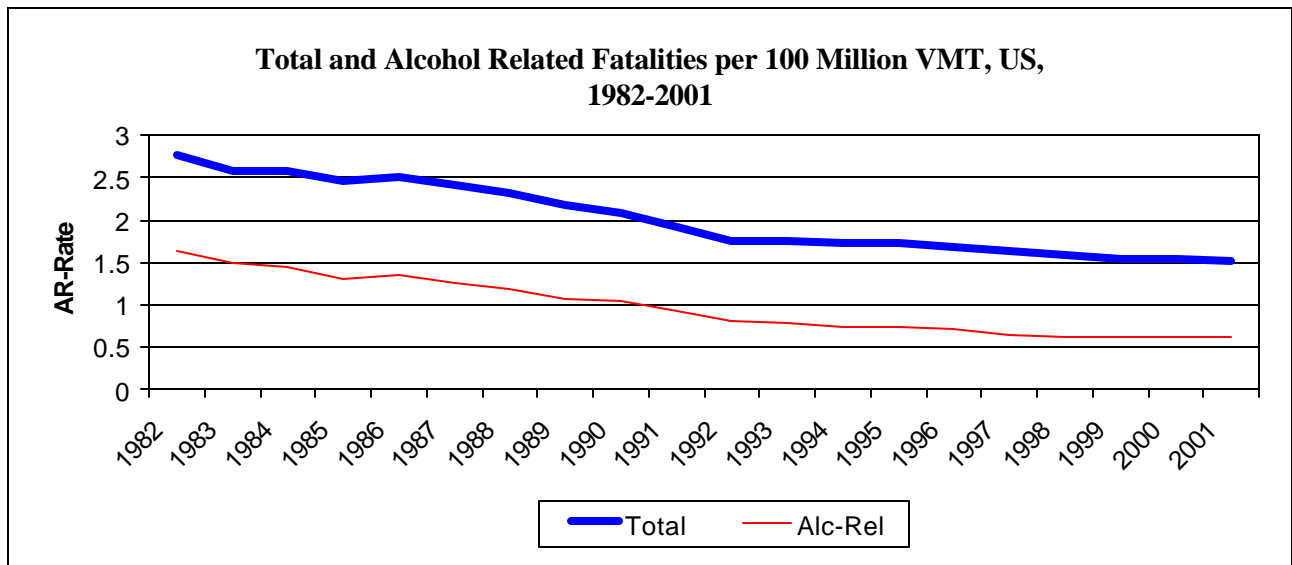


Fatalities and Fatality Rate per 100 Million VMT

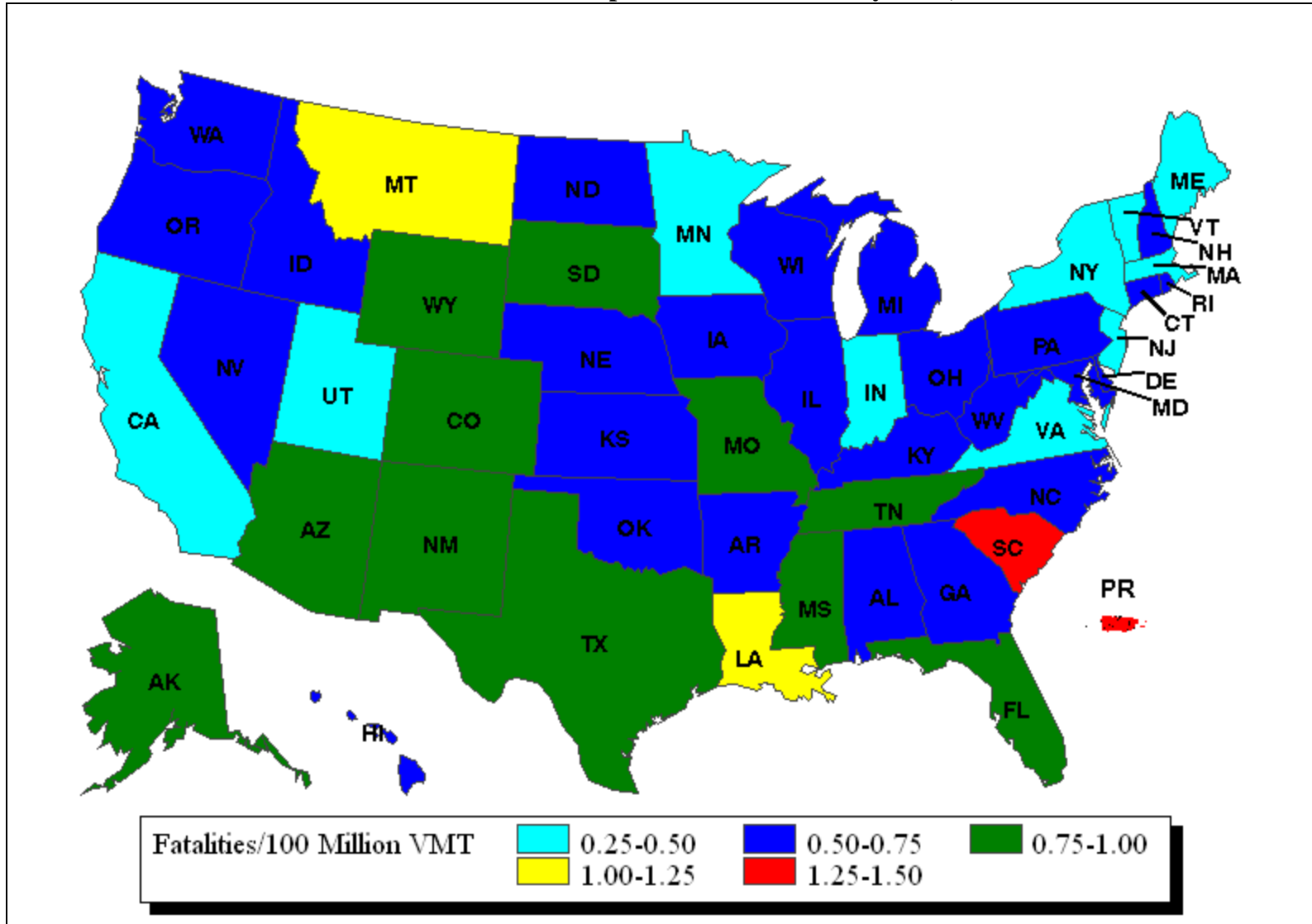
| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 43,945     | 26,173  | 60 | 2.76          | 1.64    |
| 1983 | 42,589     | 24,635  | 58 | 2.58          | 1.49    |
| 1984 | 44,257     | 24,762  | 56 | 2.57          | 1.44    |
| 1985 | 43,825     | 23,167  | 53 | 2.47          | 1.31    |
| 1986 | 46,087     | 25,017  | 54 | 2.51          | 1.36    |
| 1987 | 46,390     | 24,094  | 52 | 2.41          | 1.25    |
| 1988 | 47,087     | 23,833  | 51 | 2.32          | 1.18    |
| 1989 | 45,582     | 22,424  | 49 | 2.17          | 1.07    |
| 1990 | 44,599     | 22,587  | 51 | 2.08          | 1.05    |
| 1991 | 41,508     | 20,159  | 49 | 1.91          | 0.93    |
| 1992 | 39,250     | 18,290  | 47 | 1.75          | 0.81    |
| 1993 | 40,150     | 17,908  | 45 | 1.75          | 0.78    |
| 1994 | 40,716     | 17,308  | 43 | 1.73          | 0.73    |
| 1995 | 41,817     | 17,732  | 42 | 1.73          | 0.73    |
| 1996 | 42,065     | 17,749  | 42 | 1.69          | 0.71    |
| 1997 | 42,013     | 16,711  | 40 | 1.64          | 0.65    |
| 1998 | 41,501     | 16,673  | 40 | 1.58          | 0.63    |
| 1999 | 41,717     | 16,572  | 40 | 1.55          | 0.62    |
| 2000 | 41,945     | 17,380  | 41 | 1.53          | 0.63    |
| 2001 | 42,116     | 17,448  | 41 | 1.51          | 0.63    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

USA



Alcohol Related Fatalities per 100 Million VMT by State, 2001



The Table below compares the alcohol related fatality rate by state for 1982 and 2001.

| Alcohol Related Fatalities per 100 Million Vehicle Miles of Travel,<br>by State, 1982 and 2001 and<br>Percentage Change from the 1982 Rate |      |      |             |                   |             |             |             |
|--|------|------|-------------|-------------------|-------------|-------------|-------------|
| State  | 1982 | 2001 | %<br>Change | State             | 1982        | 2001        | %<br>Change |
| Alabama  | 1.63 | 0.66 | -60%        | Montana           | 2.56        | 1.04        | -59%        |
| Alaska   | 1.85 | 0.91 | -51%        | Nebraska          | 1.15        | 0.53        | -54%        |
| Arizona  | 2.07 | 0.96 | -54%        | Nevada            | 2.98        | 0.73        | -76%        |
| Arkansas   | 2.01 | 0.66 | -67%        | New Hampshire     | 1.59        | 0.57        | -64%        |
| California   | 1.65 | 0.50 | -70%        | New Jersey        | 1.20        | 0.43        | -64%        |
| Colorado   | 1.73 | 0.76 | -56%        | New Mexico        | 3.16        | 0.92        | -71%        |
| Connecticut  | 1.77 | 0.51 | -71%        | New York          | 1.41        | 0.38        | -73%        |
| Delaware   | 1.79 | 0.75 | -58%        | North Carolina    | 1.92        | 0.58        | -70%        |
| DC   | 0.62 | 1.01 | 63%         | North Dakota      | 1.85        | 0.73        | -61%        |
| Florida  | 1.77 | 0.81 | -54%        | Ohio              | 1.35        | 0.57        | -58%        |
| Georgia  | 1.54 | 0.52 | -66%        | Oklahoma          | 2.03        | 0.61        | -70%        |
| Hawaii   | 1.70 | 0.69 | -59%        | Oregon            | 1.66        | 0.55        | -67%        |
| Idaho  | 1.68 | 0.69 | -59%        | Pennsylvania      | 1.47        | 0.64        | -56%        |
| Illinois   | 1.54 | 0.60 | -61%        | Rhode Island      | 1.20        | 0.61        | -49%        |
| Indiana  | 1.29 | 0.47 | -64%        | South Carolina    | 1.82        | 1.27        | -30%        |
| Iowa   | 1.29 | 0.52 | -60%        | South Dakota      | 1.41        | 0.98        | -30%        |
| Kansas   | 1.43 | 0.69 | -52%        | Tennessee         | 1.92        | 0.79        | -59%        |
| Kentucky   | 1.88 | 0.53 | -72%        | Texas             | 2.24        | 0.83        | -63%        |
| Louisiana  | 2.45 | 1.08 | -56%        | Utah              | 1.10        | 0.29        | -74%        |
| Maine  | 1.23 | 0.45 | -63%        | Vermont           | 1.76        | 0.36        | -80%        |
| Maryland   | 1.24 | 0.56 | -55%        | Virginia          | 1.19        | 0.46        | -61%        |
| Massachusetts  | 1.11 | 0.44 | -60%        | Washington        | 1.54        | 0.52        | -66%        |
| Michigan   | 1.42 | 0.52 | -63%        | West Virginia     | 2.23        | 0.68        | -70%        |
| Minnesota  | 1.1  | 0.42 | -62%        | Wisconsin         | 1.46        | 0.64        | -56%        |
| Mississippi  | 2.47 | 0.78 | -68%        | Wyoming           | 2.23        | 0.94        | -58%        |
| Missouri   | 1.38 | 0.77 | -44%        | <b>U.S. Total</b> | <b>1.64</b> | <b>0.63</b> | <b>-62%</b> |
| Puerto Rico  | 3.03 | 1.38 | -54%        |                   |             |             |             |

Source: 1982,(Final) FARS File and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 839        | 486     | 58 | 2.81          | 1.63    |
| 1983 | 930        | 573     | 62 | 3.00          | 1.85    |
| 1984 | 932        | 537     | 58 | 2.83          | 1.63    |
| 1985 | 882        | 439     | 50 | 2.51          | 1.25    |
| 1986 | 1,081      | 609     | 56 | 3.18          | 1.79    |
| 1987 | 1,111      | 596     | 54 | 2.97          | 1.59    |
| 1988 | 1,024      | 503     | 49 | 2.58          | 1.27    |
| 1989 | 1,029      | 527     | 51 | 2.52          | 1.29    |
| 1990 | 1,121      | 583     | 52 | 2.65          | 1.38    |
| 1991 | 1,116      | 551     | 49 | 2.60          | 1.28    |
| 1992 | 1,031      | 498     | 48 | 2.25          | 1.09    |
| 1993 | 1,044      | 476     | 46 | 2.21          | 1.01    |
| 1994 | 1,083      | 472     | 44 | 2.21          | 0.96    |
| 1995 | 1,114      | 494     | 44 | 2.20          | 0.98    |
| 1996 | 1,146      | 516     | 45 | 2.23          | 1.00    |
| 1997 | 1,192      | 499     | 42 | 2.23          | 0.93    |
| 1998 | 1,071      | 442     | 41 | 1.94          | 0.80    |
| 1999 | 1,138      | 465     | 41 | 2.03          | 0.83    |
| 2000 | 996        | 426     | 43 | 1.76          | 0.75    |
| 2001 | 994        | 376     | 38 | 1.75          | 0.66    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## ALABAMA

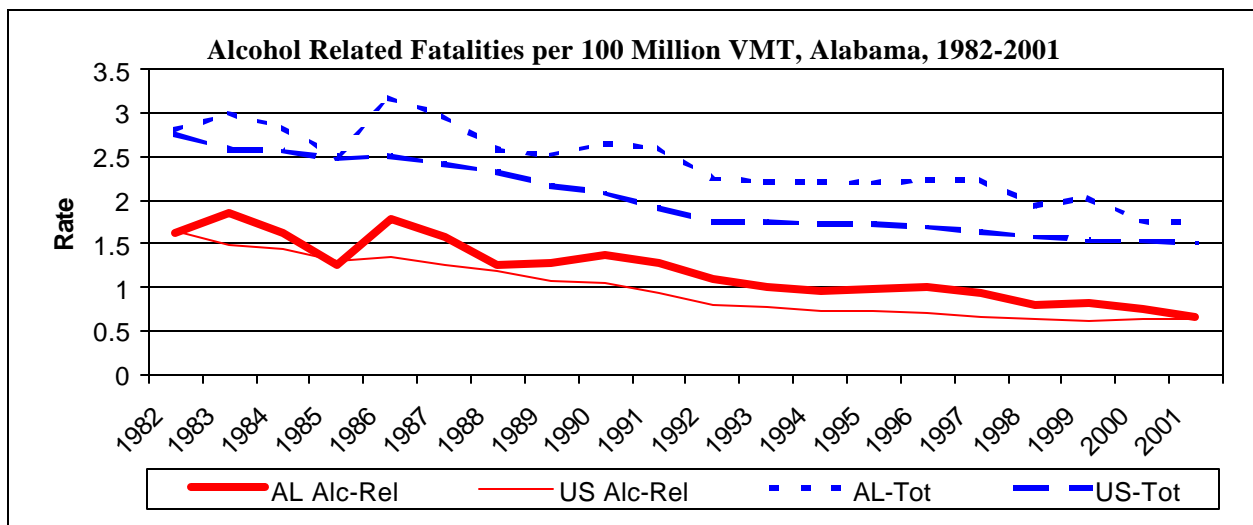
### Change in AR-Rates over time, Alabama vs. US

| Time Period   | Alabama | US   |
|---------------|---------|------|
| 1982 to 2001  | -60%    | -62% |
| Last 10 years | -48%    | -32% |
| Last 5 years  | -34%    | -11% |
| Last 3 Years  | -18%    | 0%   |
| Last 1 Year   | -12%    | 0%   |

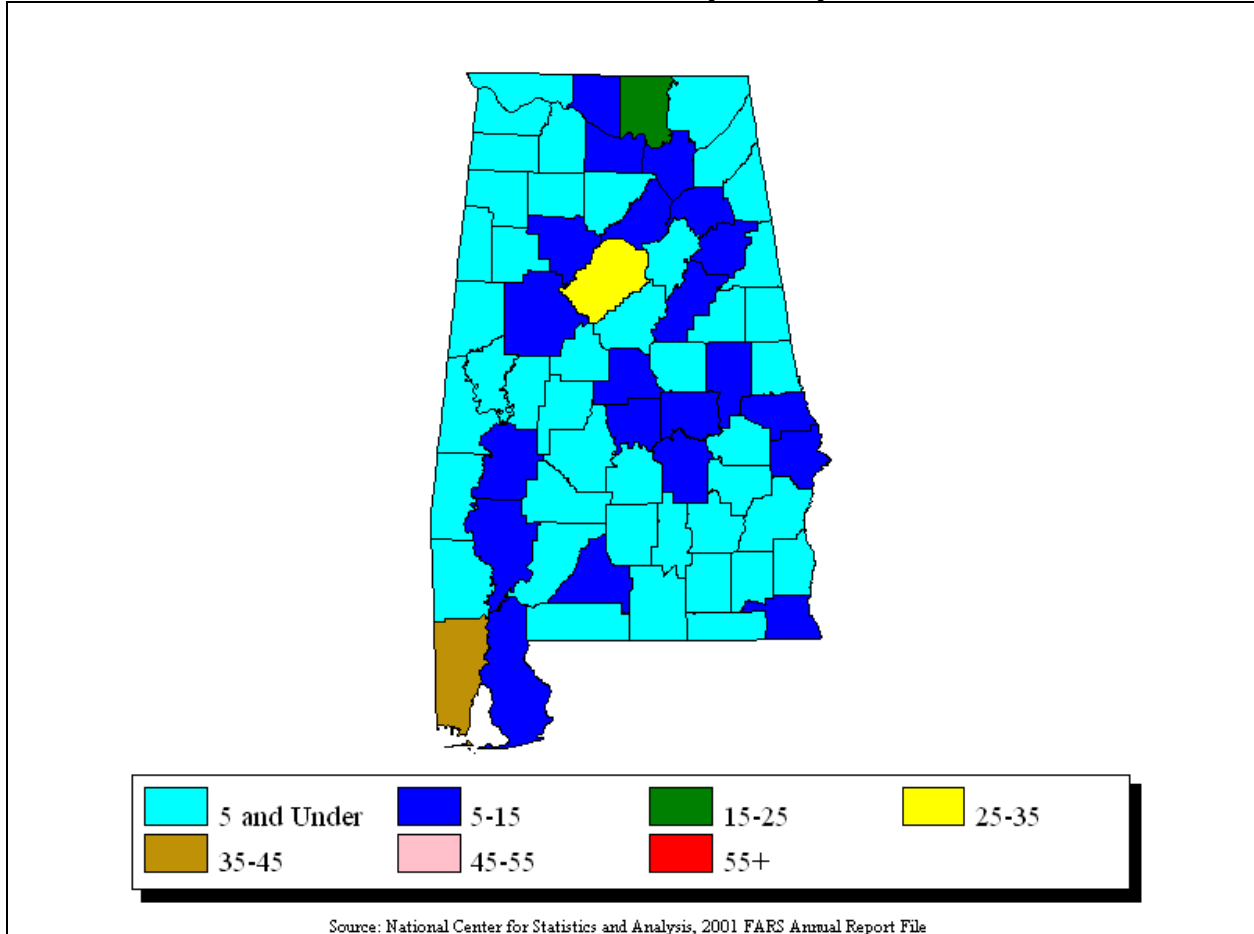
### Impaired Driving Legislations\*

| Law  | BAC Level                |
|--|--------------------------|
| Administrative Per Se BAC Level                    | 0.08                     |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08 ( <i>10/01/95</i> ) |
| Youthful (Under 21) Offenders BAC Level            | 0.02                     |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 105        | 64      | 61 | 3.03          | 1.85    |
| 1983 | 150        | 88      | 59 | 4.47          | 2.62    |
| 1984 | 134        | 88      | 66 | 3.48          | 2.29    |
| 1985 | 127        | 78      | 61 | 3.17          | 1.95    |
| 1986 | 101        | 57      | 56 | 2.53          | 1.43    |
| 1987 | 76         | 44      | 58 | 1.95          | 1.13    |
| 1988 | 97         | 57      | 59 | 2.45          | 1.44    |
| 1989 | 84         | 48      | 58 | 2.16          | 1.23    |
| 1990 | 98         | 51      | 52 | 2.51          | 1.30    |
| 1991 | 101        | 49      | 48 | 2.51          | 1.22    |
| 1992 | 108        | 67      | 62 | 2.81          | 1.74    |
| 1993 | 118        | 54      | 46 | 3.01          | 1.38    |
| 1994 | 85         | 51      | 60 | 2.05          | 1.23    |
| 1995 | 87         | 47      | 54 | 2.11          | 1.14    |
| 1996 | 81         | 43      | 53 | 1.97          | 1.04    |
| 1997 | 77         | 41      | 53 | 1.76          | 0.93    |
| 1998 | 70         | 31      | 44 | 1.55          | 0.69    |
| 1999 | 79         | 40      | 51 | 1.74          | 0.88    |
| 2000 | 106        | 56      | 53 | 2.30          | 1.21    |
| 2001 | 85         | 43      | 50 | 1.80          | 0.91    |

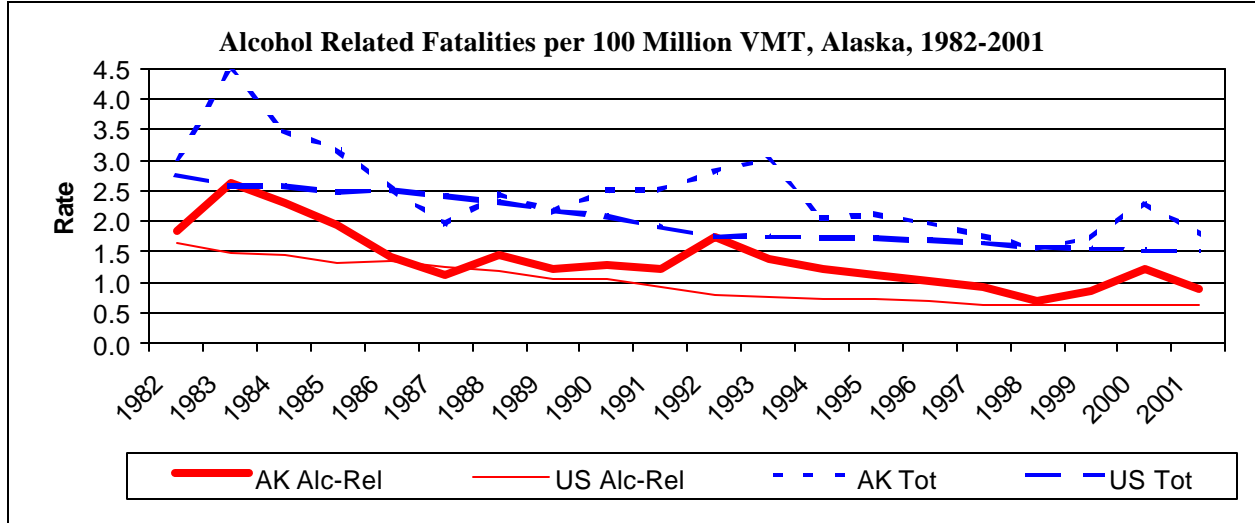
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**ALASKA**

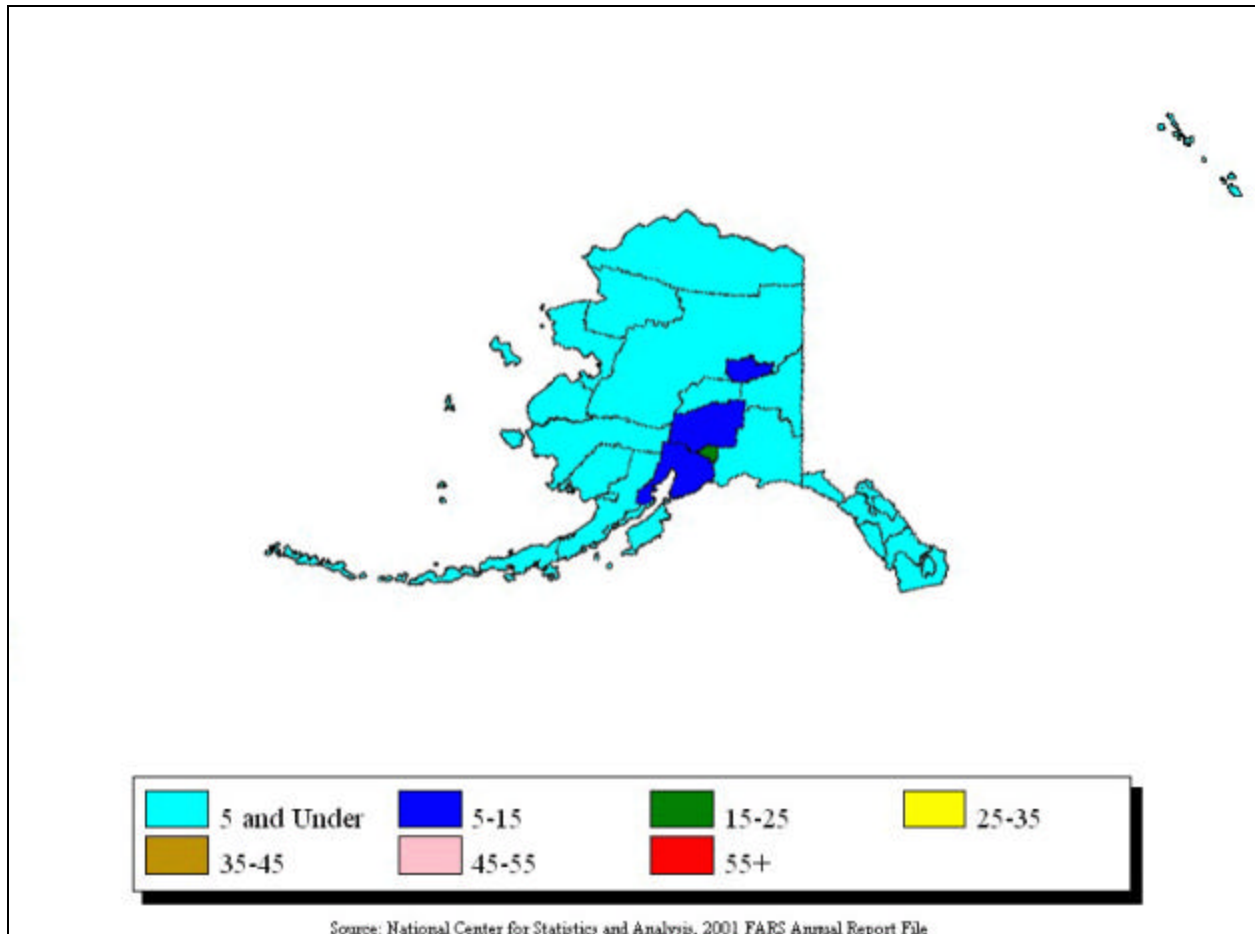
| Change in AR-Rates over time, Alaska vs. US |        |      |
|---|--------|------|
| Time Period                                 | Alaska | US   |
| 1982 to 2001                                | -51%   | -62% |
| Last 10 years                               | -25%   | -32% |
| Last 5 years                                | -13%   | -11% |
| Last 3 Years                                | 32%    | 0%   |
| Last 1 Year                                 | -25%   | 0%   |

| Impaired Driving Legislations*                     |                          |
|--|--------------------------|
| Law  | BAC Level                |
| Administrative Per Se BAC Level                    | 0.10                     |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08 ( <i>09/01/01</i> ) |
| Youthful (Under 21) Offenders BAC Level            | 0.00                     |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 724        | 422     | 58 | 3.55          | 2.07    |
| 1983 | 675        | 388     | 57 | 3.28          | 1.89    |
| 1984 | 869        | 473     | 54 | 4.15          | 2.26    |
| 1985 | 893        | 502     | 56 | 4.14          | 2.33    |
| 1986 | 1,007      | 582     | 58 | 4.44          | 2.57    |
| 1987 | 939        | 532     | 57 | 2.96          | 1.68    |
| 1988 | 944        | 488     | 52 | 2.76          | 1.42    |
| 1989 | 879        | 443     | 50 | 2.52          | 1.27    |
| 1990 | 869        | 434     | 50 | 2.45          | 1.22    |
| 1991 | 816        | 429     | 53 | 2.34          | 1.23    |
| 1992 | 809        | 403     | 50 | 2.31          | 1.15    |
| 1993 | 801        | 400     | 50 | 2.13          | 1.06    |
| 1994 | 904        | 410     | 45 | 2.33          | 1.06    |
| 1995 | 1,035      | 478     | 46 | 2.61          | 1.21    |
| 1996 | 994        | 442     | 45 | 2.36          | 1.05    |
| 1997 | 951        | 451     | 47 | 2.19          | 1.04    |
| 1998 | 980        | 444     | 45 | 2.17          | 0.98    |
| 1999 | 1,024      | 424     | 41 | 2.19          | 0.91    |
| 2000 | 1,036      | 469     | 45 | 2.11          | 0.95    |
| 2001 | 1,048      | 488     | 47 | 2.06          | 0.96    |

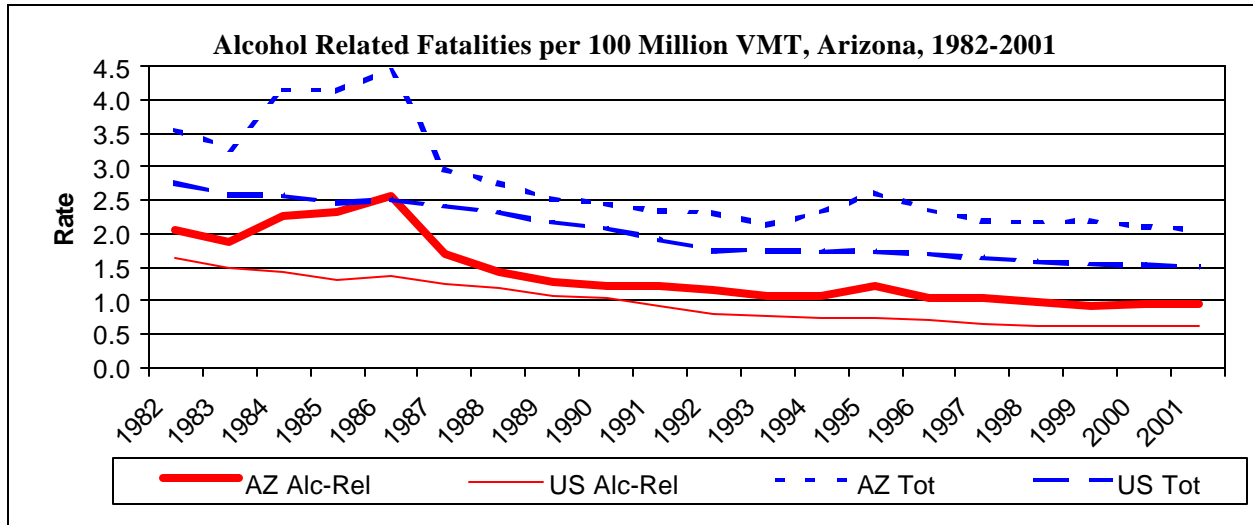
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**ARIZONA**

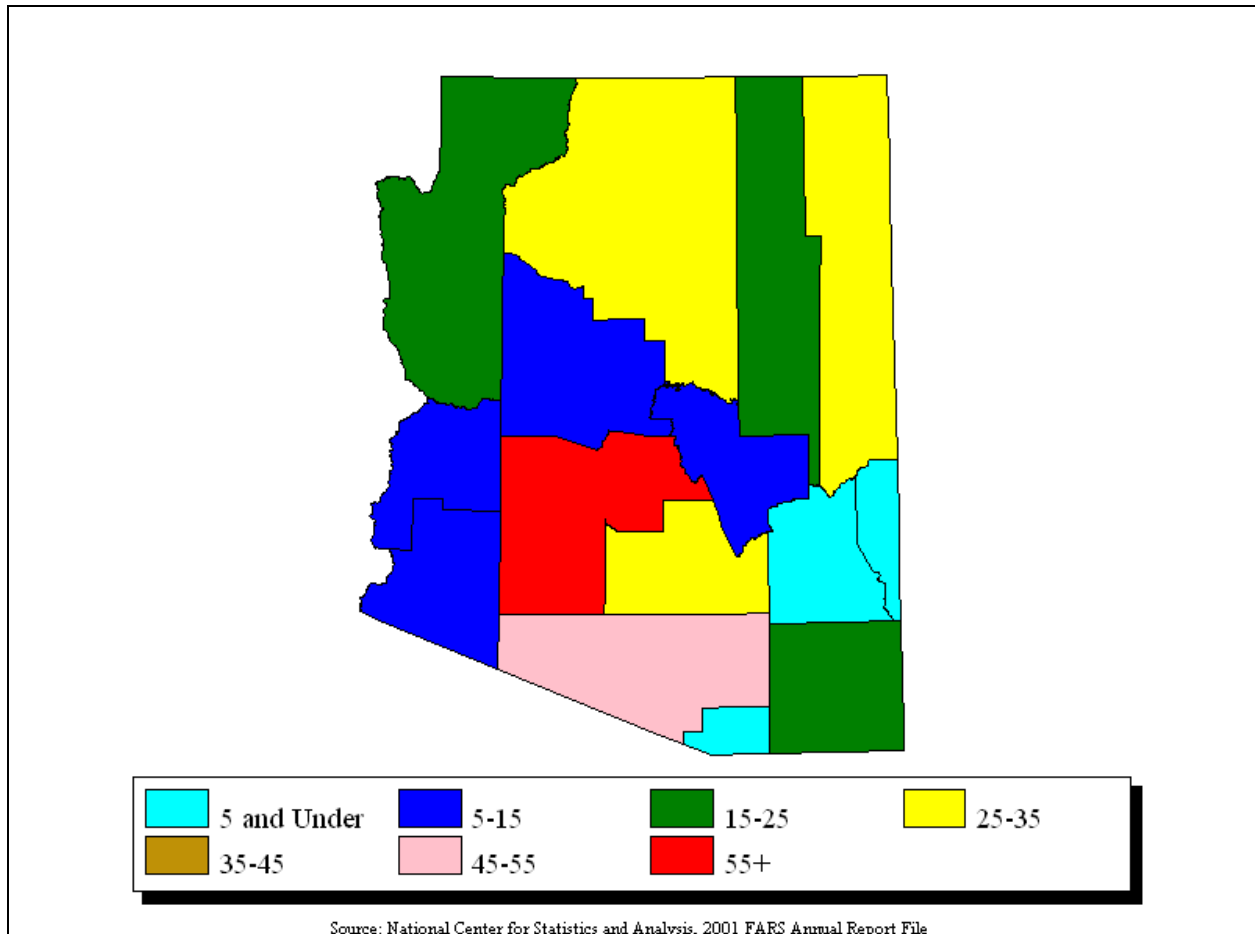
| Change in AR-Rates over time, Arizona vs. US |         |      |
|--|---------|------|
| Time Period                                  | Arizona | US   |
| 1982 to 2001                                 | -54%    | -62% |
| Last 10 years                                | -22%    | -32% |
| Last 5 years                                 | -9%     | -11% |
| Last 3 Years                                 | -2%     | 0%   |
| Last 1 Year                                  | 1%      | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.10            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (08/31/01) |
| Youthful (under 21) Offenders BAC Level   | 0.00            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 550        | 334     | 61 | 3.31          | 2.01    |
| 1983 | 557        | 315     | 57 | 3.34          | 1.89    |
| 1984 | 525        | 311     | 59 | 3.16          | 1.87    |
| 1985 | 534        | 299     | 56 | 3.12          | 1.75    |
| 1986 | 603        | 361     | 60 | 3.43          | 2.06    |
| 1987 | 639        | 366     | 57 | 3.49          | 2.00    |
| 1988 | 610        | 361     | 59 | 3.17          | 1.88    |
| 1989 | 647        | 380     | 59 | 3.17          | 1.86    |
| 1990 | 604        | 344     | 57 | 2.87          | 1.64    |
| 1991 | 608        | 362     | 60 | 2.77          | 1.65    |
| 1992 | 588        | 286     | 49 | 2.55          | 1.24    |
| 1993 | 583        | 241     | 41 | 2.43          | 1.00    |
| 1994 | 609        | 226     | 37 | 2.44          | 0.91    |
| 1995 | 631        | 243     | 39 | 2.37          | 0.91    |
| 1996 | 615        | 237     | 39 | 2.21          | 0.85    |
| 1997 | 660        | 216     | 33 | 2.35          | 0.77    |
| 1998 | 625        | 216     | 35 | 2.20          | 0.76    |
| 1999 | 604        | 212     | 35 | 2.07          | 0.72    |
| 2000 | 652        | 223     | 34 | 2.24          | 0.76    |
| 2001 | 611        | 193     | 32 | 2.08          | 0.66    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## ARKANSAS

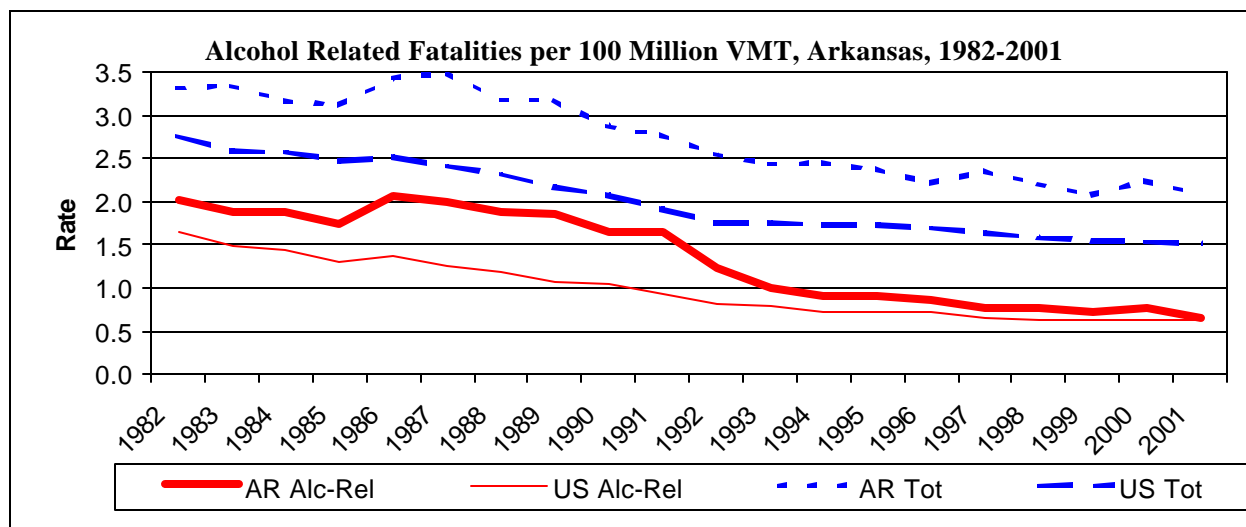
### Change in AR-Rates over time, Arkansas vs. US

| Time Period   | Arkansas | US   |
|---------------|----------|------|
| 1982 to 2001  | -67%     | -62% |
| Last 10 years | -60%     | -32% |
| Last 5 years  | -22%     | -11% |
| Last 3 Years  | -13%     | 0%   |
| Last 1 Year   | -13%     | 0%   |

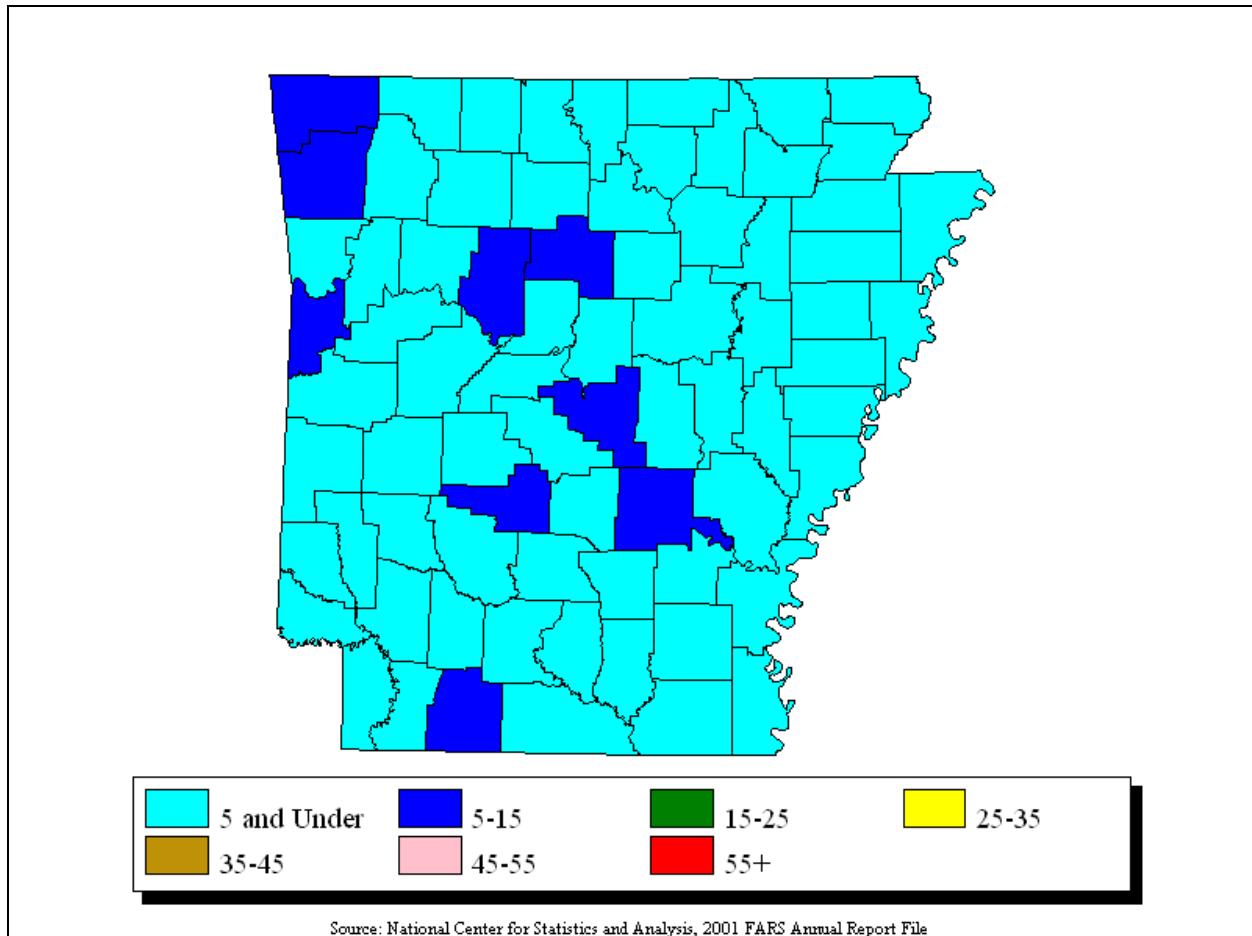
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level              | 0.10               |
| Illegal Per Se BAC Level<br>(Effective Date) | 0.08<br>(08/13/01) |
| Youthful (under 21) Offenders BAC Level      | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 4,615      | 2,799   | 61 | 2.71          | 1.65    |
| 1983 | 4,573      | 2,669   | 58 | 2.50          | 1.46    |
| 1984 | 5,020      | 2,894   | 58 | 2.55          | 1.47    |
| 1985 | 4,960      | 2,633   | 53 | 2.39          | 1.27    |
| 1986 | 5,253      | 2,813   | 54 | 2.44          | 1.31    |
| 1987 | 5,504      | 2,961   | 54 | 2.43          | 1.31    |
| 1988 | 5,392      | 2,773   | 51 | 2.23          | 1.15    |
| 1989 | 5,412      | 2,795   | 52 | 2.15          | 1.11    |
| 1990 | 5,192      | 2,697   | 52 | 2.01          | 1.04    |
| 1991 | 4,688      | 2,263   | 48 | 1.82          | 0.88    |
| 1992 | 4,192      | 2,015   | 48 | 1.60          | 0.77    |
| 1993 | 4,164      | 1,815   | 44 | 1.56          | 0.68    |
| 1994 | 4,232      | 1,743   | 41 | 1.56          | 0.64    |
| 1995 | 4,192      | 1,758   | 42 | 1.52          | 0.64    |
| 1996 | 3,989      | 1,666   | 42 | 1.43          | 0.60    |
| 1997 | 3,688      | 1,348   | 37 | 1.29          | 0.47    |
| 1998 | 3,494      | 1,367   | 39 | 1.20          | 0.47    |
| 1999 | 3,559      | 1,397   | 39 | 1.19          | 0.47    |
| 2000 | 3,753      | 1,450   | 39 | 1.22          | 0.47    |
| 2001 | 3,956      | 1,569   | 40 | 1.27          | 0.50    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## CALIFORNIA

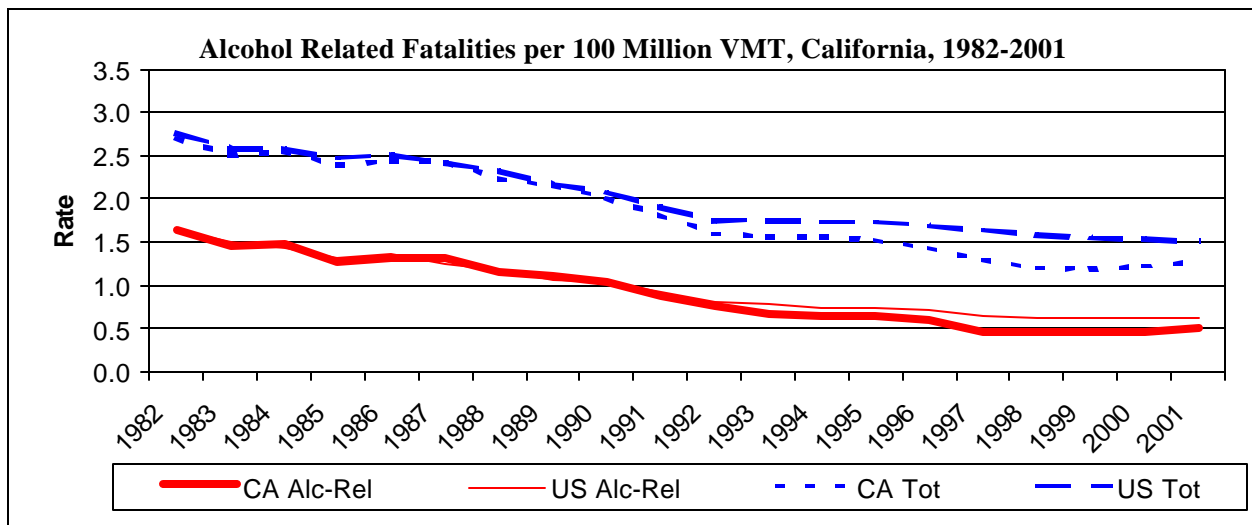
### Change in AR-Rates over time, California vs. US

| Time Period   | California | US   |
|---------------|------------|------|
| 1982 to 2001  | -70%       | -62% |
| Last 10 years | -43%       | -32% |
| Last 5 years  | -17%       | -11% |
| Last 3 Years  | 6%         | 0%   |
| Last 1 Year   | 6%         | 0%   |

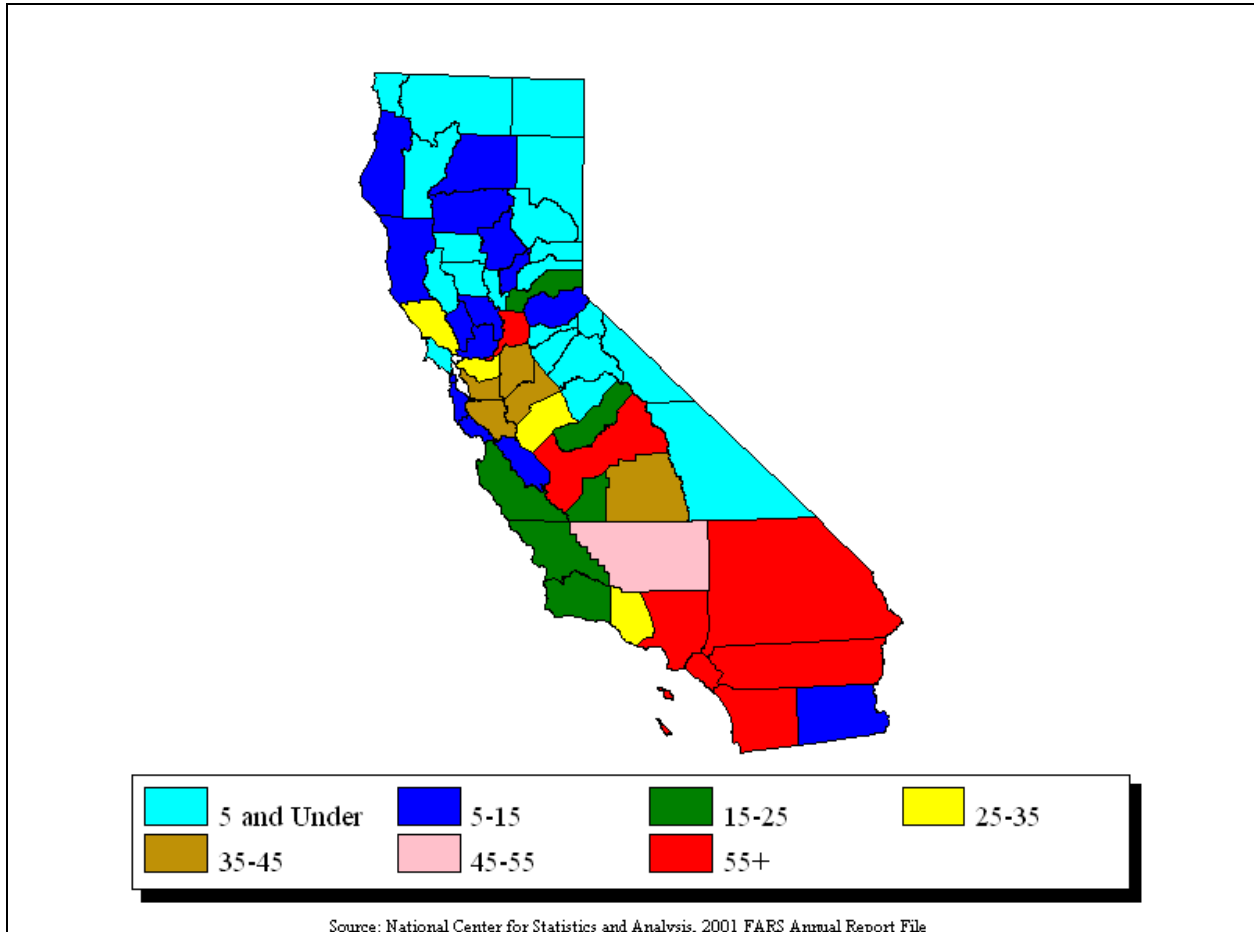
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level                    | 0.08               |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08<br>(01/01/90) |
| Youthful (under 21) Offenders BAC Level            | 0.01               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 668        | 422     | 63 | 2.74          | 1.73    |
| 1983 | 646        | 418     | 65 | 2.60          | 1.68    |
| 1984 | 608        | 374     | 61 | 2.33          | 1.43    |
| 1985 | 579        | 316     | 55 | 2.21          | 1.21    |
| 1986 | 603        | 360     | 60 | 2.29          | 1.36    |
| 1987 | 591        | 291     | 49 | 2.19          | 1.08    |
| 1988 | 497        | 227     | 46 | 1.80          | 0.82    |
| 1989 | 527        | 247     | 47 | 1.91          | 0.90    |
| 1990 | 544        | 260     | 48 | 2.00          | 0.96    |
| 1991 | 543        | 280     | 51 | 1.96          | 1.01    |
| 1992 | 522        | 263     | 50 | 1.69          | 0.85    |
| 1993 | 559        | 235     | 42 | 1.71          | 0.72    |
| 1994 | 586        | 282     | 48 | 1.74          | 0.84    |
| 1995 | 645        | 304     | 47 | 1.84          | 0.87    |
| 1996 | 617        | 252     | 41 | 1.71          | 0.70    |
| 1997 | 613        | 229     | 37 | 1.62          | 0.61    |
| 1998 | 628        | 244     | 39 | 1.60          | 0.62    |
| 1999 | 626        | 229     | 37 | 1.54          | 0.56    |
| 2000 | 681        | 268     | 39 | 1.63          | 0.64    |
| 2001 | 736        | 328     | 45 | 1.71          | 0.76    |

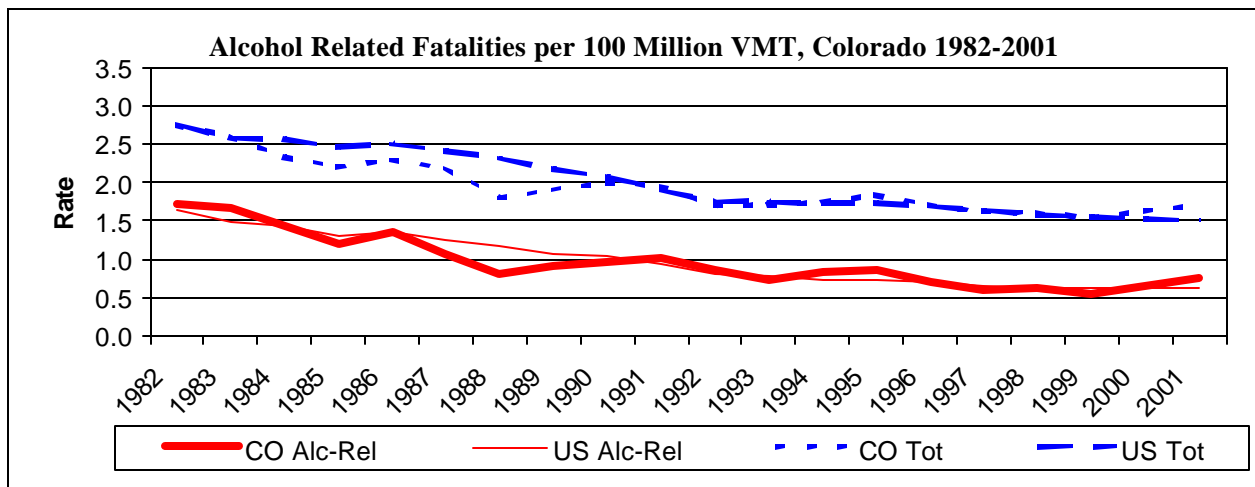
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**COLORADO**

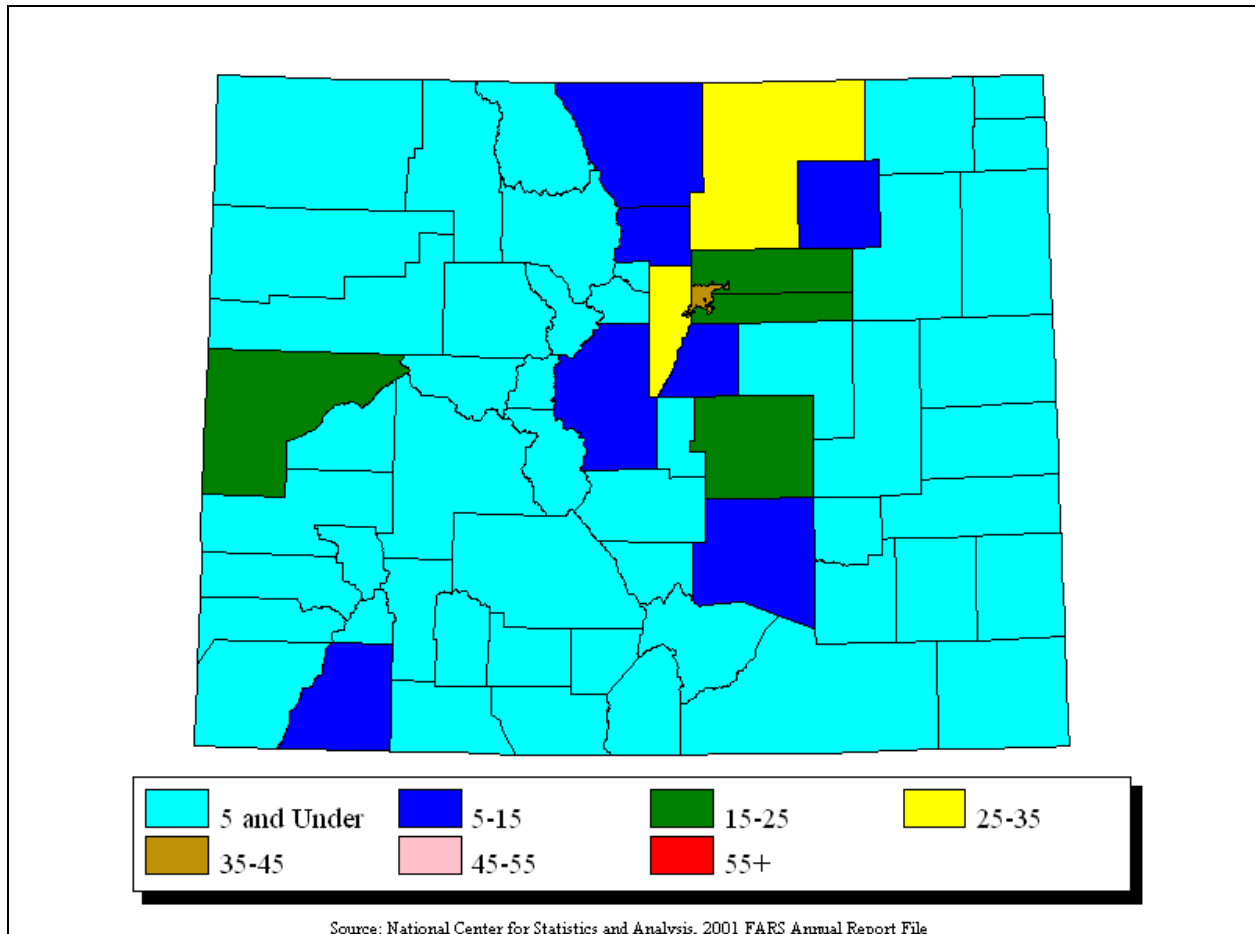
| Change in AR-Rates over time, Colorado vs. US |          |      |
|---|----------|------|
| Time Period                                   | Colorado | US   |
| 1982 to 2001                                  | -56%     | -62% |
| Last 10 years                                 | -25%     | -32% |
| Last 5 years                                  | 9%       | -11% |
| Last 3 Years                                  | 23%      | 0%   |
| Last 1 Year                                   | 19%      | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 515        | 356     | 69 | 2.56          | 1.77    |
| 1983 | 438        | 284     | 65 | 2.12          | 1.38    |
| 1984 | 469        | 306     | 65 | 2.23          | 1.45    |
| 1985 | 448        | 267     | 60 | 2.00          | 1.19    |
| 1986 | 455        | 261     | 57 | 1.89          | 1.08    |
| 1987 | 449        | 270     | 60 | 1.80          | 1.08    |
| 1988 | 484        | 257     | 53 | 1.86          | 0.99    |
| 1989 | 406        | 217     | 53 | 1.55          | 0.83    |
| 1990 | 385        | 217     | 56 | 1.46          | 0.83    |
| 1991 | 310        | 168     | 54 | 1.16          | 0.63    |
| 1992 | 296        | 144     | 49 | 1.12          | 0.54    |
| 1993 | 342        | 152     | 44 | 1.27          | 0.56    |
| 1994 | 310        | 148     | 48 | 1.14          | 0.55    |
| 1995 | 317        | 153     | 48 | 1.13          | 0.55    |
| 1996 | 310        | 152     | 49 | 1.10          | 0.54    |
| 1997 | 339        | 153     | 45 | 1.19          | 0.54    |
| 1998 | 329        | 144     | 44 | 1.12          | 0.49    |
| 1999 | 301        | 136     | 45 | 1.01          | 0.45    |
| 2000 | 341        | 161     | 47 | 1.11          | 0.52    |
| 2001 | 312        | 158     | 51 | 1.01          | 0.51    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## CONNECTICUT

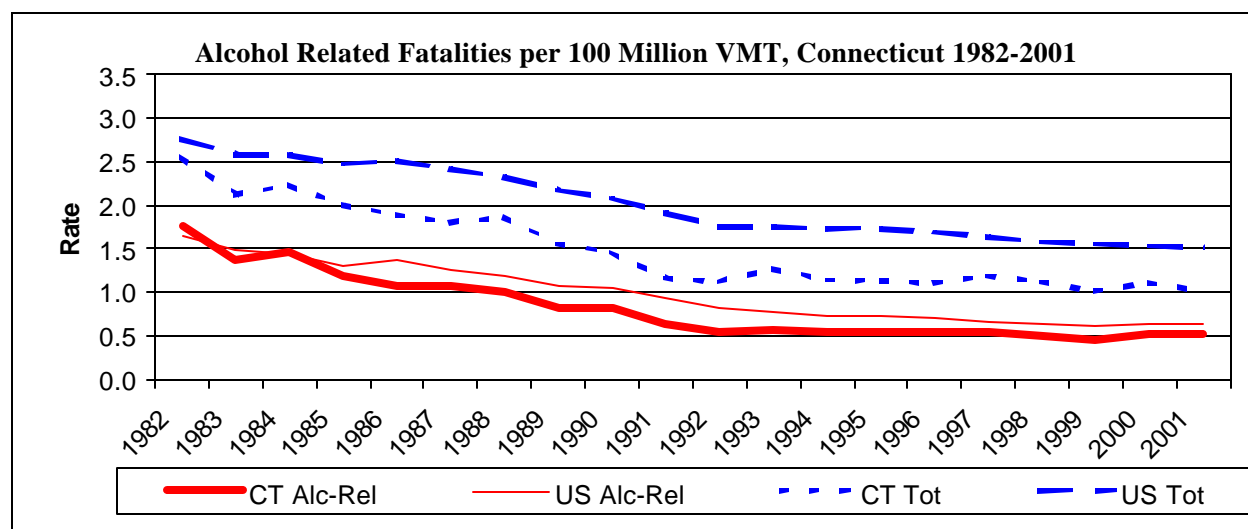
### Change in AR-Rates over time, Connecticut vs. US

| Time Period   | Connecticut | US   |
|---------------|-------------|------|
| 1982 to 2001  | -71%        | -62% |
| Last 10 years | -19%        | -32% |
| Last 5 years  | -6%         | -11% |
| Last 3 Years  | 4%          | 0%   |
| Last 1 Year   | -2%         | 0%   |

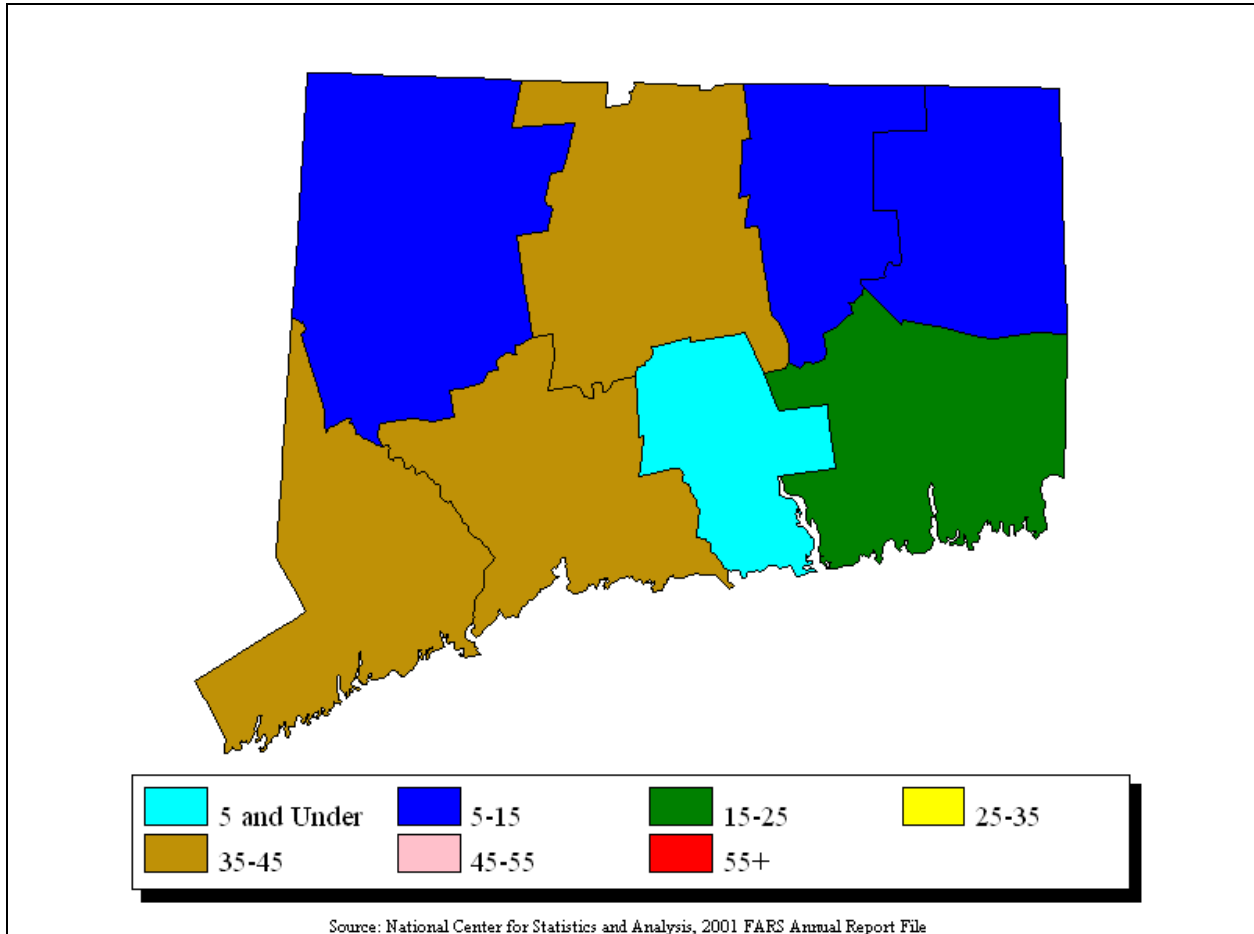
### Impaired Driving Legislations

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level              | 0.10               |
| Illegal Per Se BAC Level<br>(Effective Date) | 0.10<br>(07/01/02) |
| Youthful (under 21) Offenders BAC Level      | 0.02               |

\*As of 09/03/2002



**Alcohol Related Fatalities by County [2001]**



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 122        | 82      | 67 | 2.66          | 1.79    |
| 1983 | 110        | 73      | 67 | 2.25          | 1.49    |
| 1984 | 130        | 65      | 50 | 2.53          | 1.27    |
| 1985 | 104        | 74      | 71 | 1.94          | 1.38    |
| 1986 | 136        | 80      | 58 | 2.36          | 1.39    |
| 1987 | 146        | 81      | 55 | 2.40          | 1.33    |
| 1988 | 160        | 86      | 54 | 2.50          | 1.34    |
| 1989 | 116        | 66      | 57 | 1.79          | 1.02    |
| 1990 | 138        | 86      | 62 | 2.11          | 1.31    |
| 1991 | 102        | 51      | 50 | 1.52          | 0.76    |
| 1992 | 140        | 60      | 43 | 2.03          | 0.87    |
| 1993 | 110        | 56      | 51 | 1.60          | 0.81    |
| 1994 | 112        | 63      | 56 | 1.59          | 0.90    |
| 1995 | 121        | 50      | 41 | 1.61          | 0.67    |
| 1996 | 116        | 47      | 40 | 1.51          | 0.61    |
| 1997 | 143        | 64      | 45 | 1.79          | 0.80    |
| 1998 | 115        | 47      | 40 | 1.40          | 0.57    |
| 1999 | 100        | 42      | 42 | 1.17          | 0.49    |
| 2000 | 123        | 61      | 50 | 1.49          | 0.74    |
| 2001 | 136        | 65      | 48 | 1.58          | 0.75    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## DELAWARE

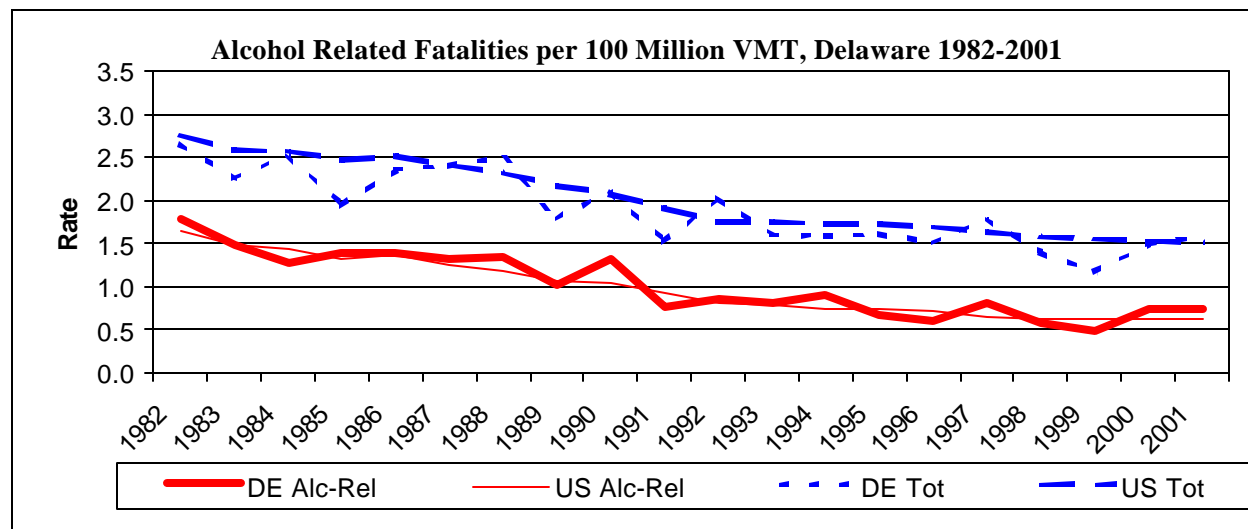
### Change in AR-Rates over time, Delaware vs. US

| Time Period   | Delaware | US   |
|---------------|----------|------|
| 1982 to 2001  | -58%     | -62% |
| Last 10 years | -1%      | -32% |
| Last 5 years  | 23%      | -11% |
| Last 3 Years  | 32%      | 0%   |
| Last 1 Year   | 1%       | 0%   |

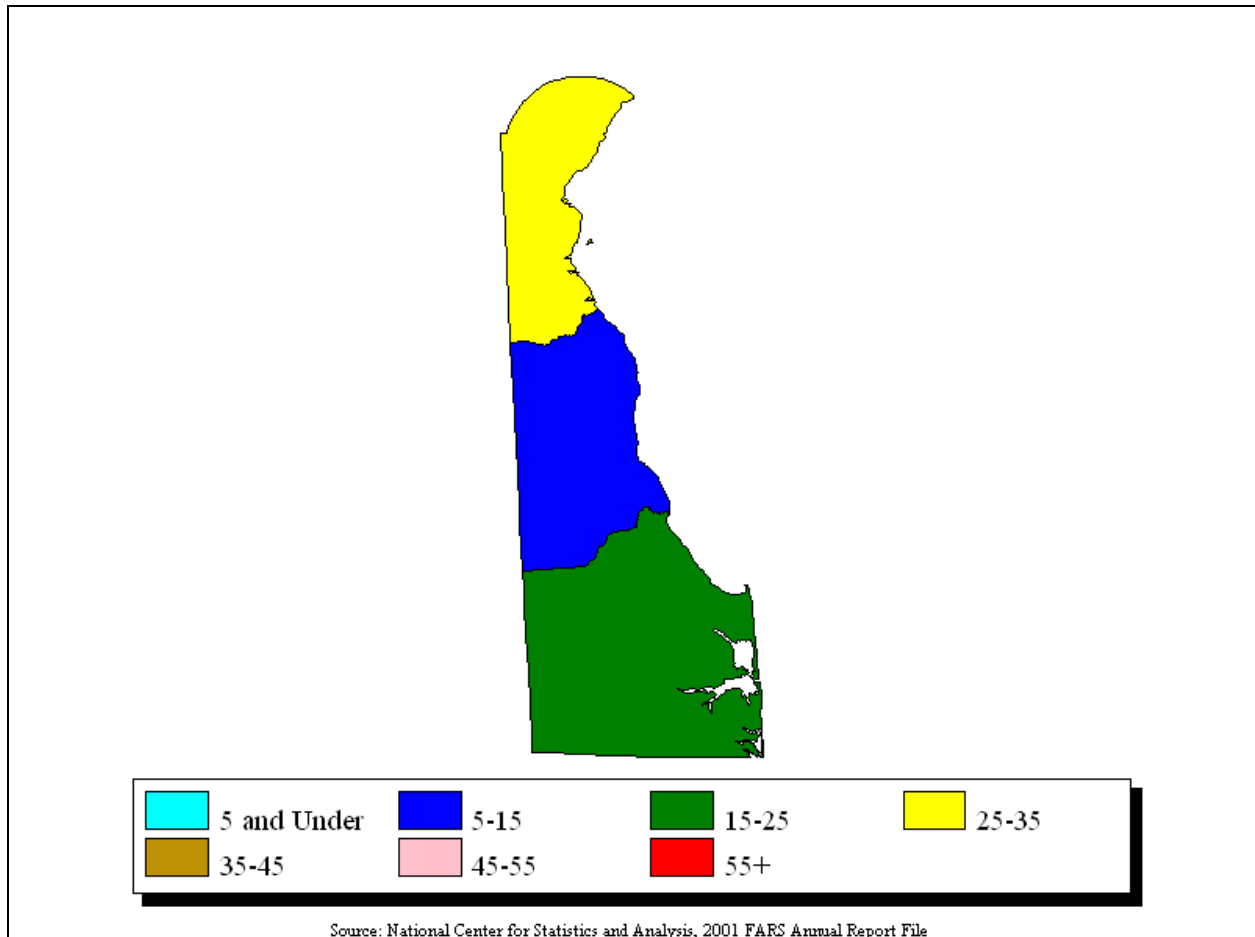
### Impaired Driving Legislations\*

| Law                                       | BAC Level |
|---|-----------|
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Source: National Center for Statistics and Analysis, 2001 FARS Annual Report File

# Alcohol Related Fatalities

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 35         | 21      | 61 | 1.04          | 0.62    |
| 1983 | 66         | 39      | 59 | 2.13          | 1.26    |
| 1984 | 64         | 37      | 58 | 1.99          | 1.15    |
| 1985 | 60         | 32      | 53 | 1.86          | 0.99    |
| 1986 | 44         | 16      | 35 | 1.34          | 0.49    |
| 1987 | 53         | 26      | 49 | 1.57          | 0.77    |
| 1988 | 61         | 26      | 42 | 1.79          | 0.76    |
| 1989 | 72         | 33      | 46 | 2.11          | 0.97    |
| 1990 | 48         | 33      | 68 | 1.41          | 0.97    |
| 1991 | 63         | 24      | 37 | 1.84          | 0.70    |
| 1992 | 50         | 23      | 46 | 1.40          | 0.65    |
| 1993 | 57         | 24      | 41 | 1.64          | 0.69    |
| 1994 | 69         | 33      | 48 | 2.00          | 0.96    |
| 1995 | 58         | 31      | 53 | 1.74          | 0.93    |
| 1996 | 62         | 32      | 51 | 1.59          | 0.82    |
| 1997 | 60         | 34      | 57 | 1.80          | 1.02    |
| 1998 | 54         | 31      | 57 | 1.63          | 0.94    |
| 1999 | 41         | 23      | 57 | 1.18          | 0.66    |
| 2000 | 48         | 20      | 42 | 1.37          | 0.57    |
| 2001 | 68         | 38      | 55 | 1.81          | 1.01    |

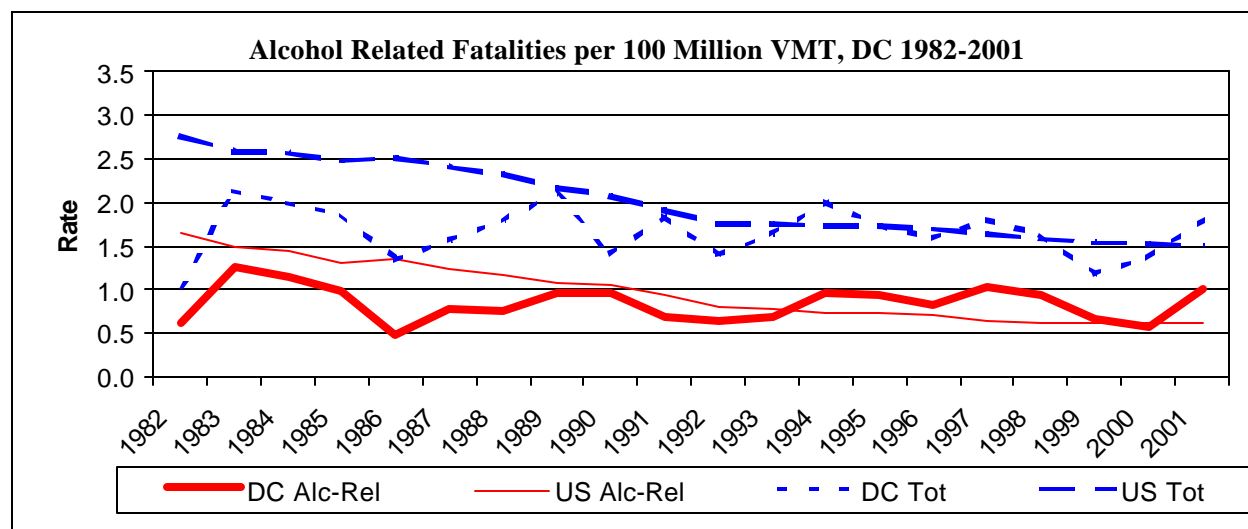
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

DC

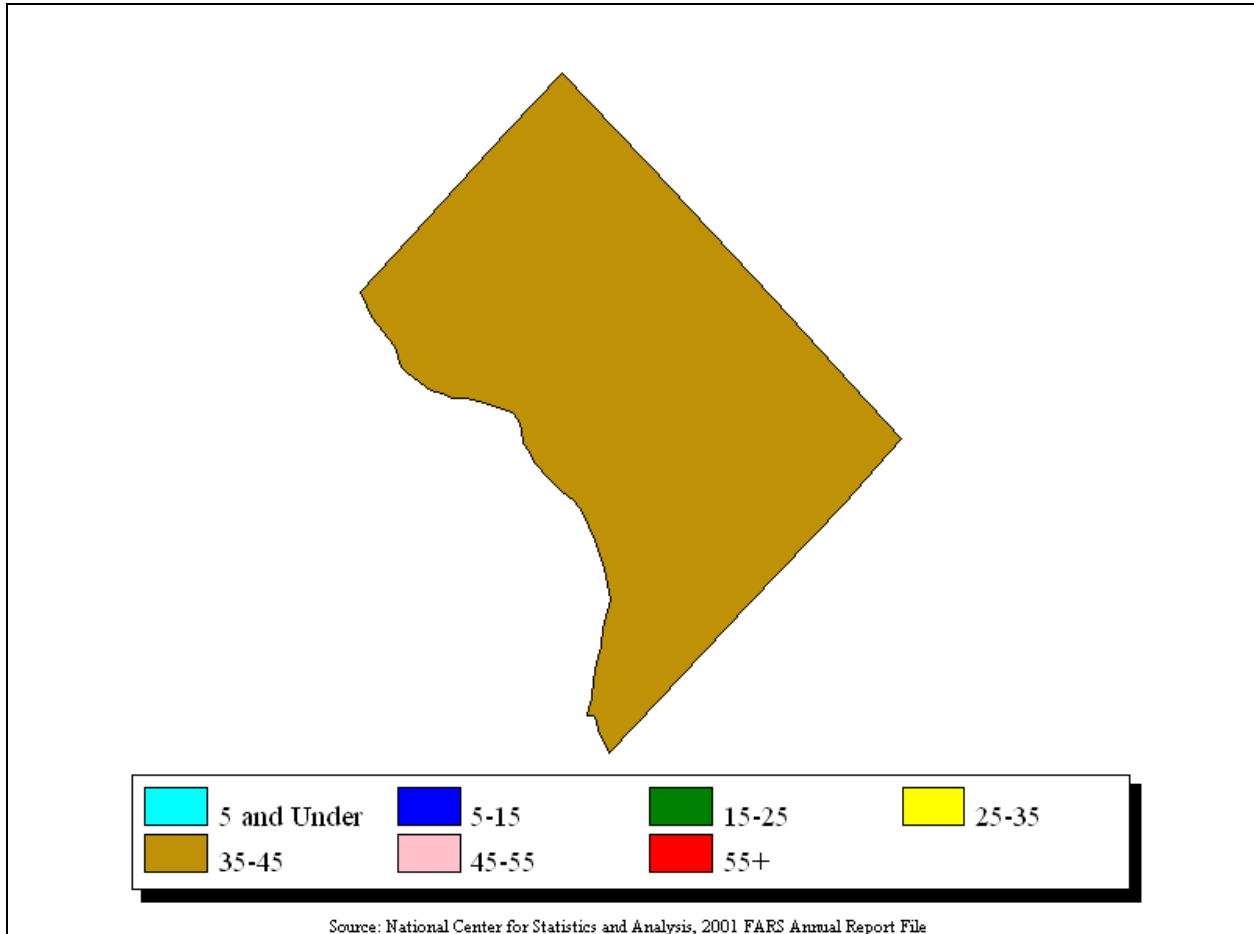
| Change in AR-Rates over time, DC vs. US |     |      |
|---|-----|------|
| Time Period                             | DC  | US   |
| 1982 to 2001                            | 63% | -62% |
| Last 10 years                           | 44% | -32% |
| Last 5 years                            | 23% | -11% |
| Last 3 Years                            | 7%  | 0%   |
| Last 1 Year                             | 77% | 0%   |

| Impaired Driving Legislations*            |                    |
|---|--------------------|
| Law                                       | BAC Level          |
| Administrative Per Se BAC Level           | 0.05               |
| Illegal Per Se BAC Level (Effective Date) | 0.08<br>(04/13/99) |
| Youthful (under 21) Offenders BAC Level   | 0.00               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Source: National Center for Statistics and Analysis, 2001 FARS Annual Report File

## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 2,653      | 1,407   | 53 | 3.34          | 1.77    |
| 1983 | 2,686      | 1,539   | 57 | 3.28          | 1.88    |
| 1984 | 2,814      | 1,551   | 55 | 3.29          | 1.81    |
| 1985 | 2,832      | 1,518   | 54 | 3.22          | 1.72    |
| 1986 | 2,831      | 1,574   | 56 | 3.24          | 1.80    |
| 1987 | 2,839      | 1,516   | 53 | 3.06          | 1.63    |
| 1988 | 3,078      | 1,564   | 51 | 2.92          | 1.48    |
| 1989 | 2,984      | 1,506   | 50 | 2.74          | 1.38    |
| 1990 | 2,891      | 1,477   | 51 | 2.63          | 1.34    |
| 1991 | 2,463      | 1,227   | 50 | 2.17          | 1.08    |
| 1992 | 2,427      | 1,143   | 47 | 2.02          | 0.95    |
| 1993 | 2,636      | 1,210   | 46 | 2.19          | 1.00    |
| 1994 | 2,687      | 1,137   | 42 | 2.20          | 0.93    |
| 1995 | 2,805      | 1,183   | 42 | 2.19          | 0.93    |
| 1996 | 2,753      | 1,104   | 40 | 2.12          | 0.85    |
| 1997 | 2,785      | 1,003   | 36 | 2.08          | 0.75    |
| 1998 | 2,825      | 1,039   | 37 | 2.05          | 0.76    |
| 1999 | 2,920      | 1,139   | 39 | 2.06          | 0.80    |
| 2000 | 2,999      | 1,277   | 43 | 1.99          | 0.85    |
| 2001 | 3,011      | 1,264   | 42 | 1.93          | 0.81    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## FLORIDA

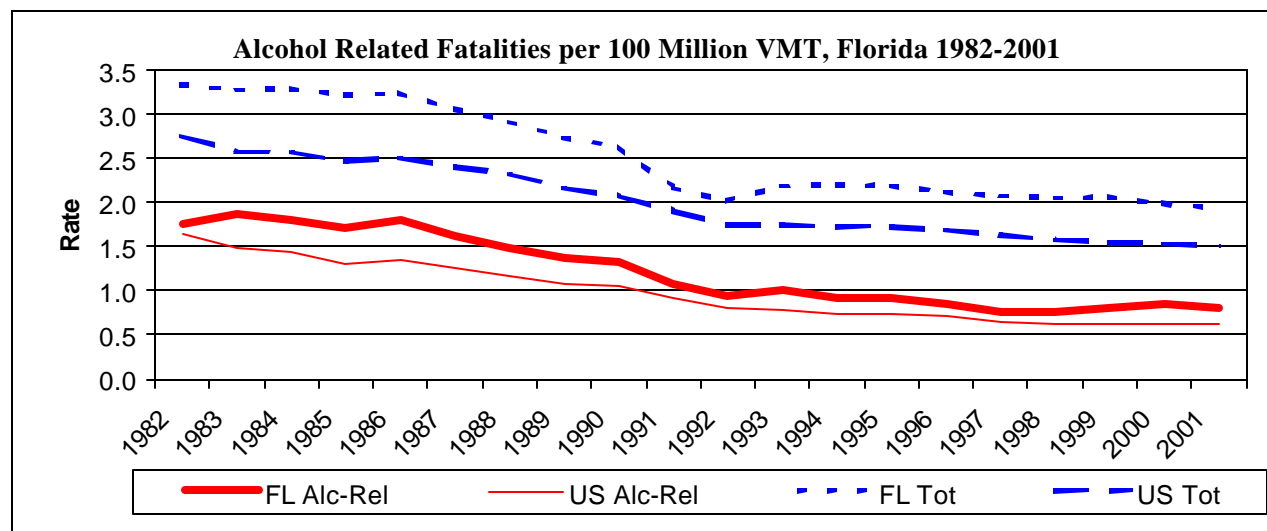
### Change in AR-Rates over time, Florida vs. US

| Time Period   | Florida | US   |
|---------------|---------|------|
| 1982 to 2001  | -54%    | -62% |
| Last 10 years | -25%    | -32% |
| Last 5 years  | -5%     | -11% |
| Last 3 Years  | 7%      | 0%   |
| Last 1 Year   | -5%     | 0%   |

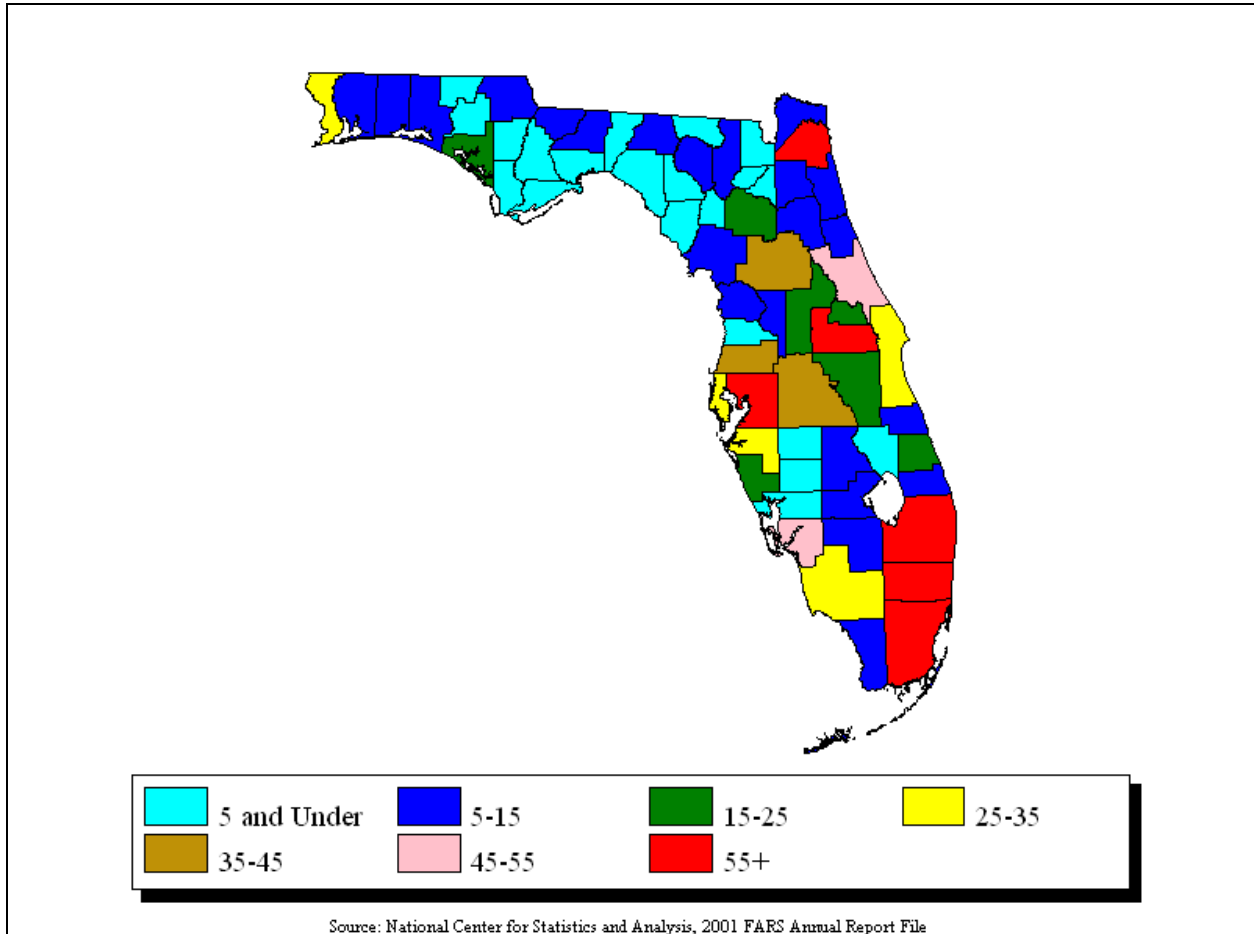
### Impaired Driving Legislations\*

| Law                                       | BAC Level       |
|---|-----------------|
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (01/01/94) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,229      | 750     | 61 | 2.52          | 1.54    |
| 1983 | 1,296      | 716     | 55 | 2.65          | 1.47    |
| 1984 | 1,410      | 780     | 55 | 2.79          | 1.54    |
| 1985 | 1,361      | 694     | 51 | 2.53          | 1.29    |
| 1986 | 1,530      | 803     | 52 | 2.69          | 1.41    |
| 1987 | 1,599      | 798     | 50 | 2.65          | 1.32    |
| 1988 | 1,654      | 797     | 48 | 2.66          | 1.28    |
| 1989 | 1,632      | 779     | 48 | 2.40          | 1.14    |
| 1990 | 1,562      | 735     | 47 | 2.22          | 1.05    |
| 1991 | 1,389      | 648     | 47 | 1.90          | 0.89    |
| 1992 | 1,315      | 537     | 41 | 1.69          | 0.69    |
| 1993 | 1,394      | 561     | 40 | 1.78          | 0.72    |
| 1994 | 1,425      | 540     | 38 | 1.72          | 0.65    |
| 1995 | 1,488      | 531     | 36 | 1.74          | 0.62    |
| 1996 | 1,573      | 577     | 37 | 1.76          | 0.65    |
| 1997 | 1,577      | 586     | 37 | 1.68          | 0.62    |
| 1998 | 1,568      | 528     | 34 | 1.62          | 0.54    |
| 1999 | 1,508      | 524     | 35 | 1.53          | 0.53    |
| 2000 | 1,541      | 585     | 38 | 1.47          | 0.56    |
| 2001 | 1,615      | 557     | 35 | 1.50          | 0.52    |

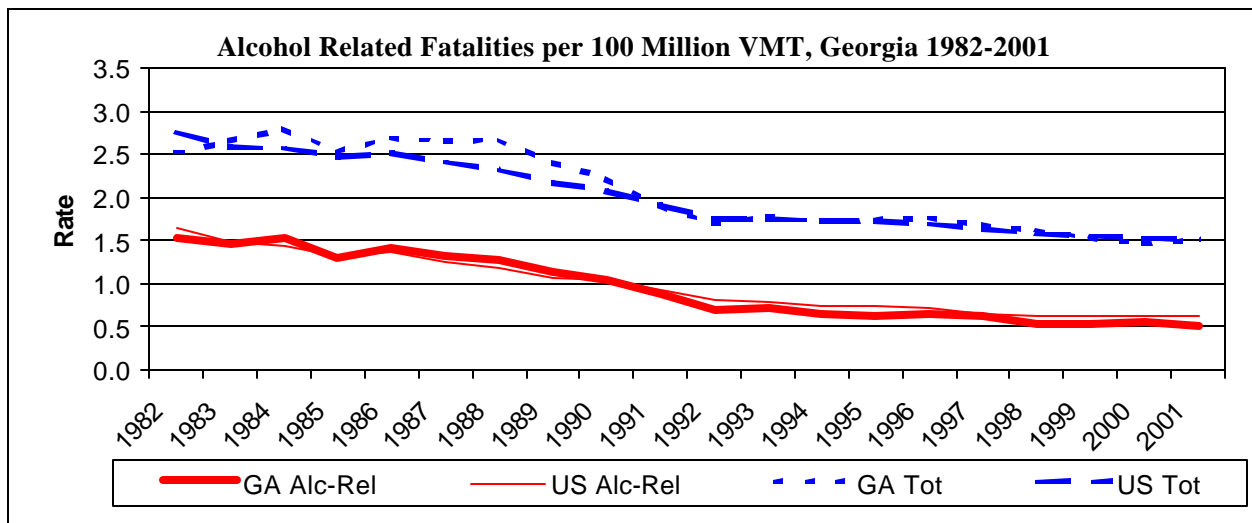
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**GEORGIA**

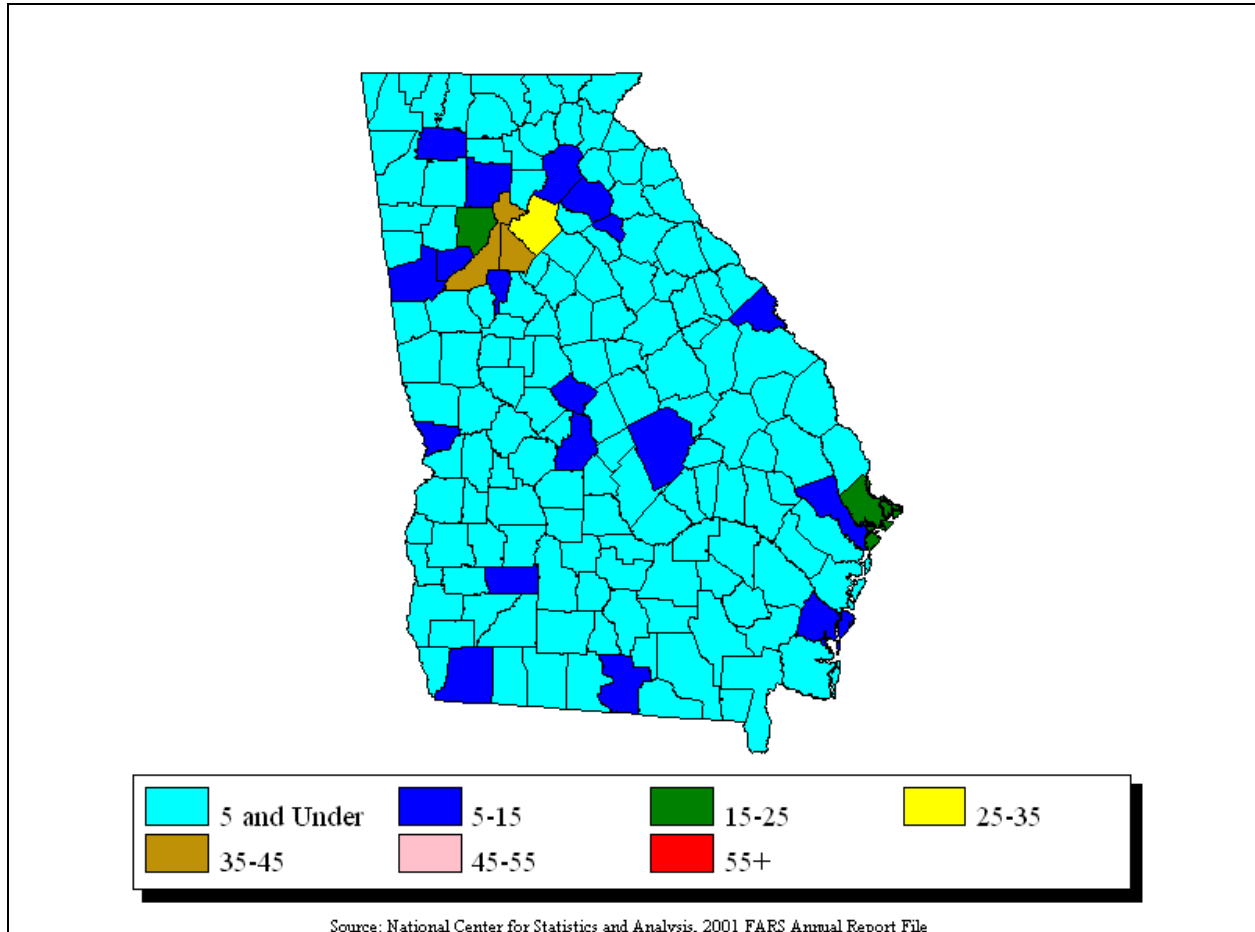
| Change in AR-Rates over time, Georgia vs. US |         |      |
|--|---------|------|
| Time Period                                  | Georgia | US   |
| 1982 to 2001                                 | -66%    | -62% |
| Last 10 years                                | -42%    | -32% |
| Last 5 years                                 | -20%    | -11% |
| Last 3 Years                                 | -4%     | 0%   |
| Last 1 Year                                  | -7%     | 0%   |

| Impaired Driving Legislations             |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.10            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/01) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 163        | 103     | 63 | 2.70          | 1.70    |
| 1983 | 141        | 95      | 67 | 2.40          | 1.62    |
| 1984 | 138        | 89      | 65 | 2.12          | 1.37    |
| 1985 | 126        | 80      | 63 | 1.86          | 1.18    |
| 1986 | 120        | 70      | 58 | 1.72          | 1.00    |
| 1987 | 139        | 86      | 62 | 1.93          | 1.19    |
| 1988 | 148        | 87      | 59 | 1.99          | 1.17    |
| 1989 | 149        | 91      | 61 | 1.92          | 1.17    |
| 1990 | 177        | 92      | 52 | 2.19          | 1.14    |
| 1991 | 135        | 77      | 57 | 1.66          | 0.95    |
| 1992 | 129        | 68      | 53 | 1.60          | 0.84    |
| 1993 | 134        | 76      | 57 | 1.69          | 0.96    |
| 1994 | 122        | 60      | 49 | 1.54          | 0.76    |
| 1995 | 130        | 65      | 50 | 1.64          | 0.82    |
| 1996 | 148        | 68      | 46 | 1.84          | 0.85    |
| 1997 | 131        | 59      | 45 | 1.67          | 0.75    |
| 1998 | 120        | 59      | 49 | 1.50          | 0.74    |
| 1999 | 98         | 44      | 45 | 1.21          | 0.54    |
| 2000 | 132        | 55      | 42 | 1.55          | 0.64    |
| 2001 | 140        | 60      | 43 | 1.61          | 0.69    |

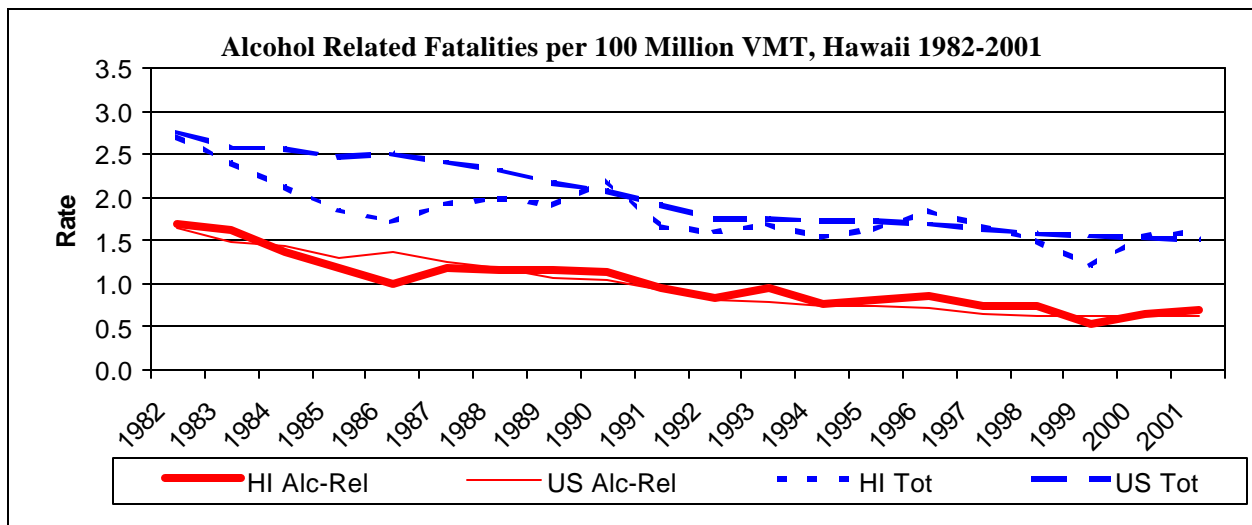
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## HAWAII

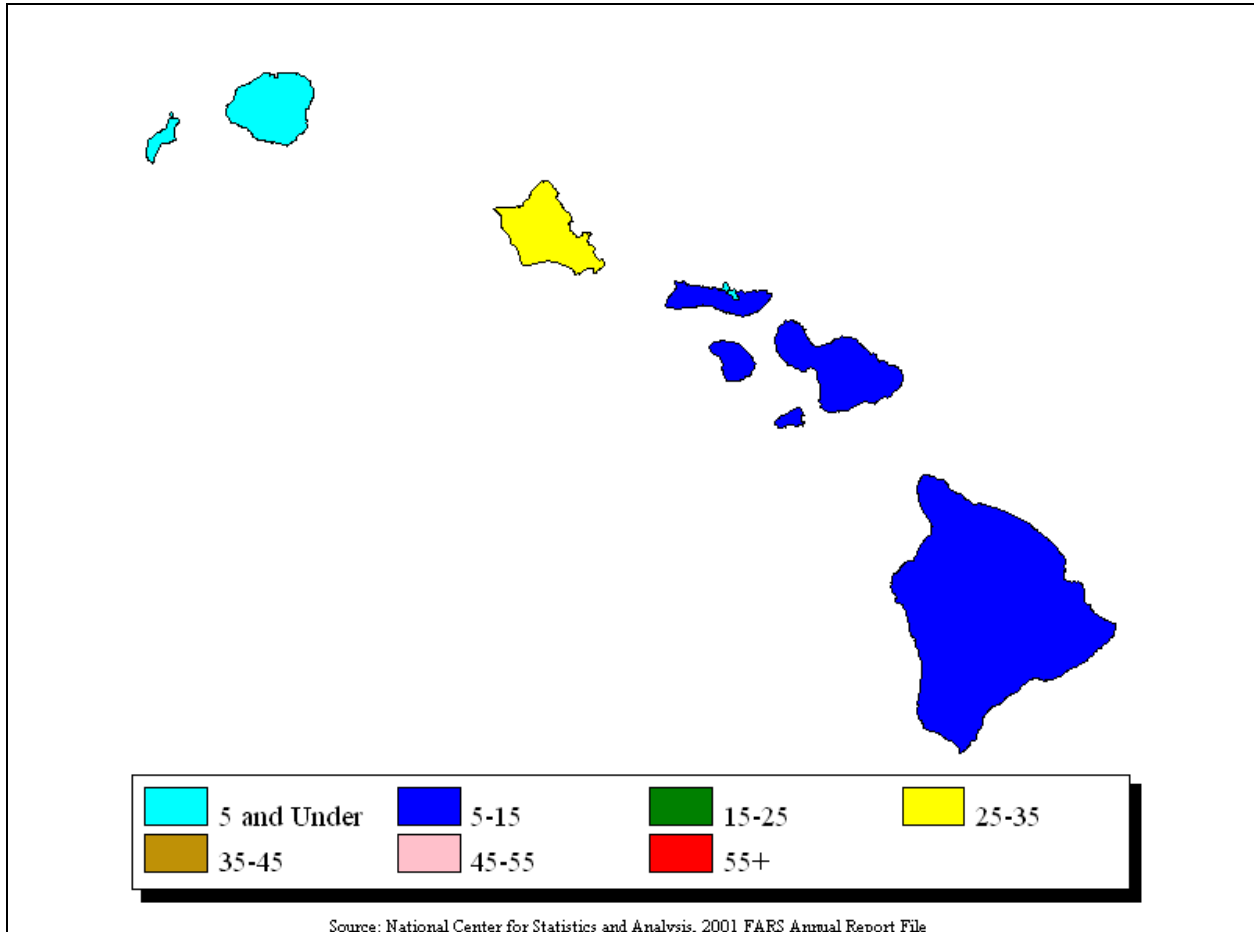
| Change in AR-Rates over time, Hawaii vs. US |        |      |
|---|--------|------|
| Time Period                                 | Hawaii | US   |
| 1982 to 2001                                | -59%   | -62% |
| Last 10 years                               | -27%   | -32% |
| Last 5 years                                | -19%   | -11% |
| Last 3 Years                                | -7%    | 0%   |
| Last 1 Year                                 | 8%     | 0%   |

| Impaired Driving Legislations                      |                    |
|--|--------------------|
| Law  | BAC Level          |
| Administrative Per Se BAC Level                    | 0.08               |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08<br>(06/30/95) |
| Youthful (under 21) Offenders BAC Level            | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 256        | 132     | 51 | 3.26          | 1.68    |
| 1983 | 263        | 129     | 49 | 3.17          | 1.56    |
| 1984 | 242        | 117     | 48 | 3.12          | 1.51    |
| 1985 | 255        | 137     | 54 | 3.31          | 1.78    |
| 1986 | 258        | 147     | 57 | 3.32          | 1.89    |
| 1987 | 260        | 135     | 52 | 3.20          | 1.66    |
| 1988 | 257        | 119     | 46 | 3.16          | 1.46    |
| 1989 | 238        | 107     | 45 | 2.83          | 1.27    |
| 1990 | 244        | 133     | 55 | 2.48          | 1.35    |
| 1991 | 264        | 127     | 48 | 2.56          | 1.23    |
| 1992 | 243        | 104     | 43 | 2.26          | 0.97    |
| 1993 | 230        | 111     | 48 | 2.04          | 0.98    |
| 1994 | 250        | 93      | 37 | 2.15          | 0.80    |
| 1995 | 262        | 90      | 35 | 2.13          | 0.73    |
| 1996 | 258        | 94      | 36 | 1.99          | 0.73    |
| 1997 | 259        | 104     | 40 | 2.01          | 0.81    |
| 1998 | 265        | 100     | 38 | 1.97          | 0.74    |
| 1999 | 278        | 104     | 37 | 1.99          | 0.74    |
| 2000 | 276        | 119     | 43 | 2.04          | 0.88    |
| 2001 | 259        | 97      | 37 | 1.84          | 0.69    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## IDAHO

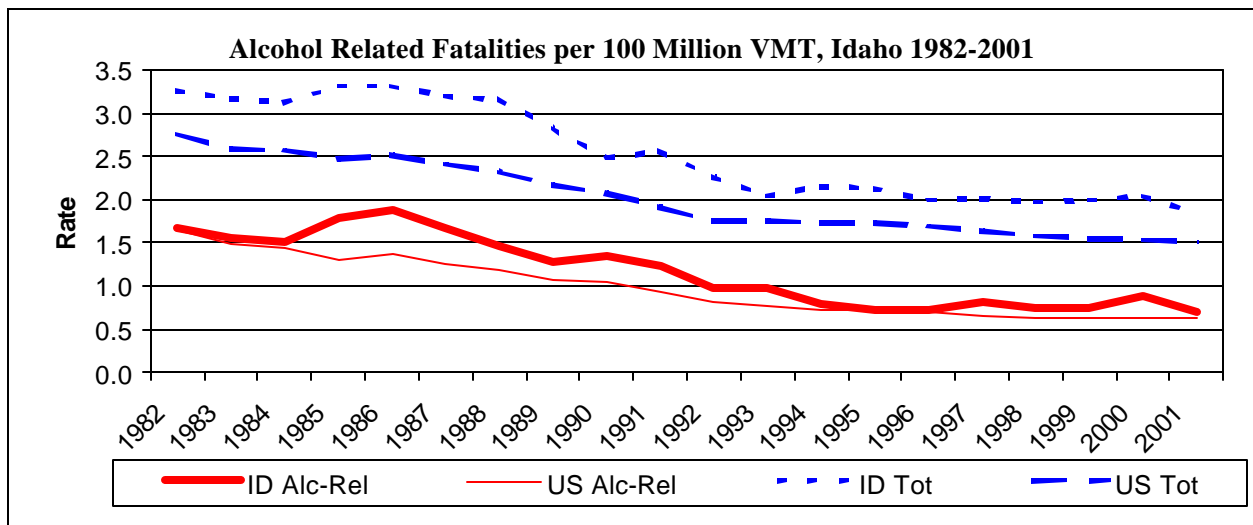
### Change in AR-Rates over time, Idaho vs. US

| Time Period   | Idaho | US   |
|---------------|-------|------|
| 1982 to 2001  | -59%  | -62% |
| Last 10 years | -44%  | -32% |
| Last 5 years  | -5%   | -11% |
| Last 3 Years  | -7%   | 0%   |
| Last 1 Year   | -22%  | 0%   |

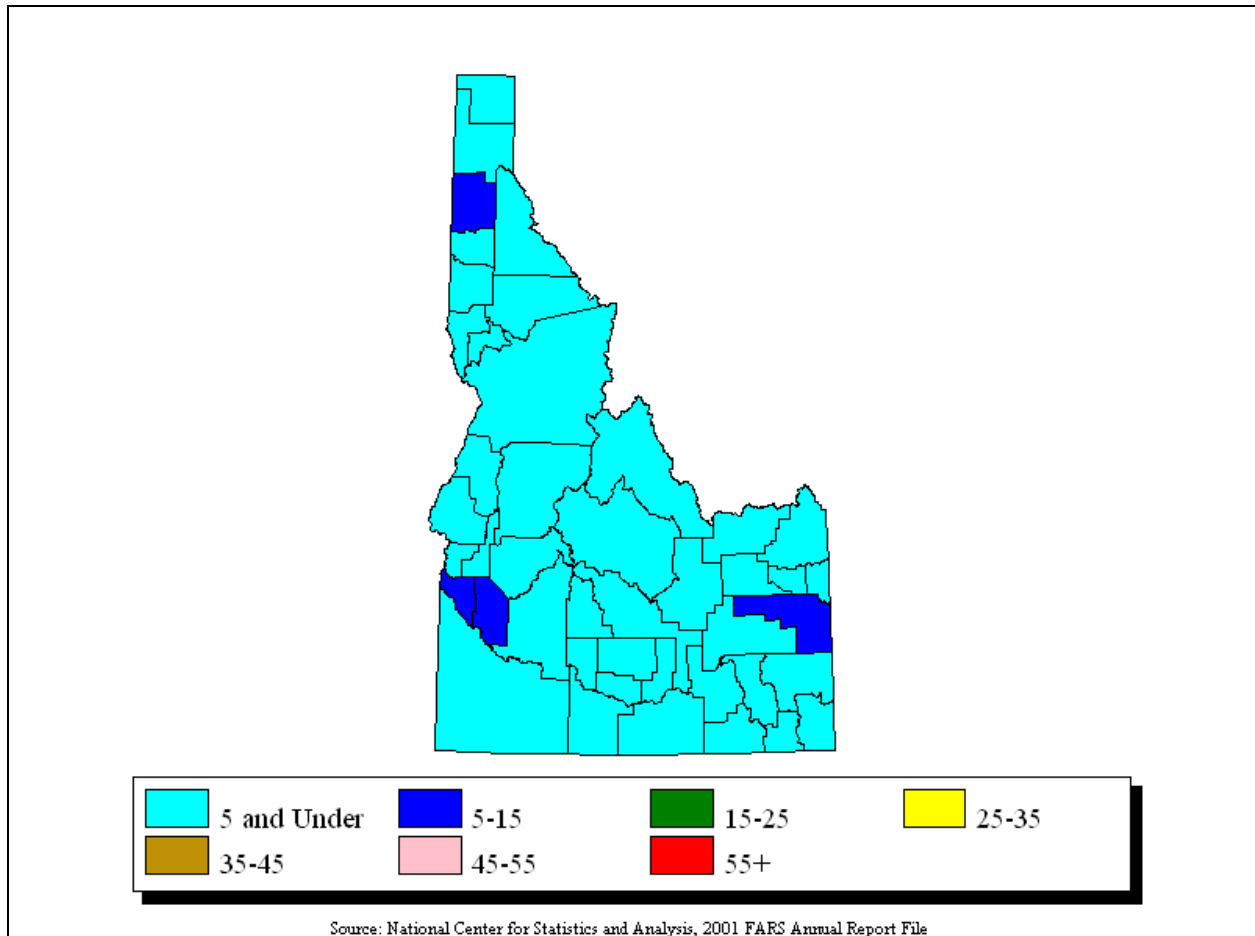
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level              | 0.08               |
| Illegal Per Se BAC Level<br>(Effective Date) | 0.08<br>(07/01/97) |
| Youthful (under 21) Offenders BAC Level      | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,651      | 1,014   | 61 | 2.51          | 1.54    |
| 1983 | 1,526      | 909     | 60 | 2.27          | 1.35    |
| 1984 | 1,547      | 892     | 58 | 2.21          | 1.28    |
| 1985 | 1,534      | 835     | 54 | 2.17          | 1.18    |
| 1986 | 1,596      | 869     | 54 | 2.15          | 1.17    |
| 1987 | 1,654      | 843     | 51 | 2.18          | 1.11    |
| 1988 | 1,837      | 939     | 51 | 2.34          | 1.20    |
| 1989 | 1,748      | 898     | 51 | 2.15          | 1.10    |
| 1990 | 1,589      | 826     | 52 | 1.91          | 0.99    |
| 1991 | 1,448      | 736     | 51 | 1.69          | 0.86    |
| 1992 | 1,384      | 680     | 49 | 1.58          | 0.78    |
| 1993 | 1,392      | 638     | 46 | 1.55          | 0.71    |
| 1994 | 1,554      | 687     | 44 | 1.68          | 0.74    |
| 1995 | 1,586      | 700     | 44 | 1.68          | 0.74    |
| 1996 | 1,477      | 678     | 46 | 1.53          | 0.70    |
| 1997 | 1,397      | 597     | 43 | 1.41          | 0.60    |
| 1998 | 1,393      | 619     | 44 | 1.38          | 0.61    |
| 1999 | 1,456      | 646     | 44 | 1.42          | 0.63    |
| 2000 | 1,418      | 628     | 44 | 1.38          | 0.61    |
| 2001 | 1,414      | 620     | 44 | 1.37          | 0.60    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## ILLINOIS

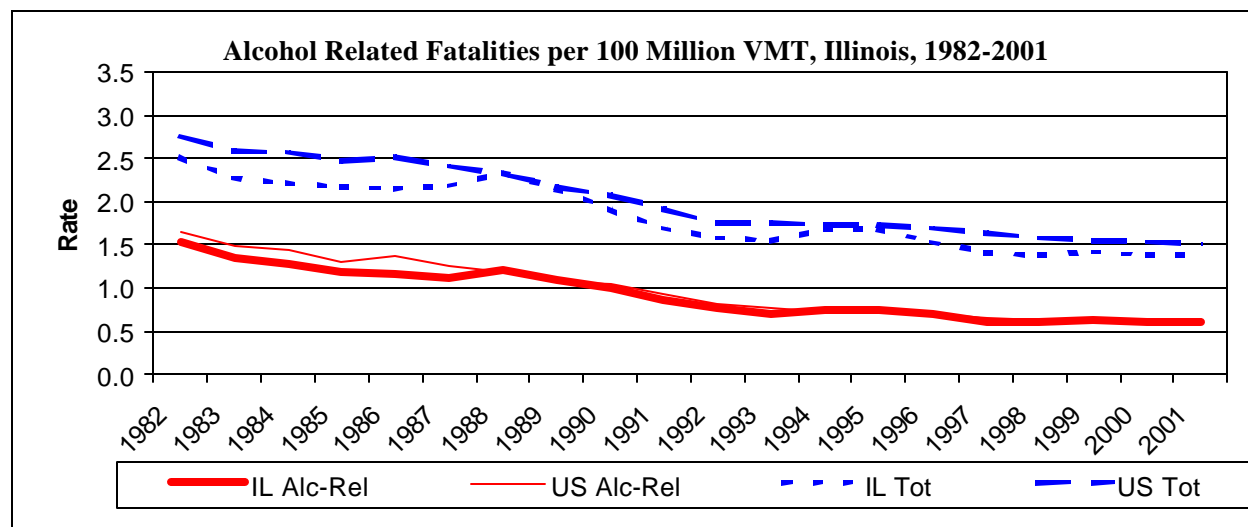
### Change in AR-Rates over time, Illinois vs. US

| Time Period   | Illinois | US   |
|---------------|----------|------|
| 1982 to 2001  | -61%     | -62% |
| Last 10 years | -30%     | -32% |
| Last 5 years  | -14%     | -11% |
| Last 3 Years  | -2%      | 0%   |
| Last 1 Year   | -2%      | 0%   |

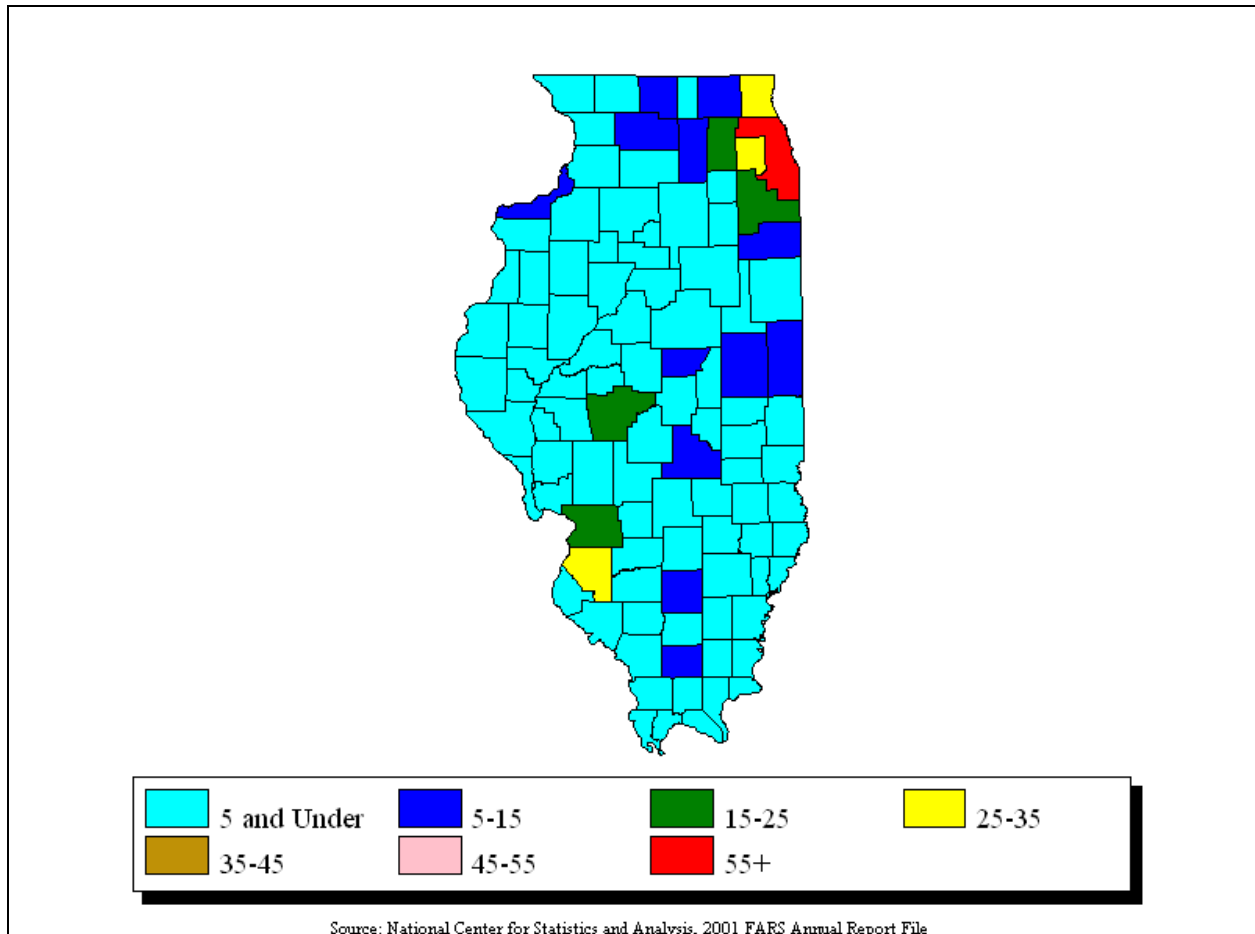
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level                    | 0.08               |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08<br>(07/02/97) |
| Youthful (under 21) Offenders BAC Level            | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 961        | 504     | 52 | 2.45          | 1.29    |
| 1983 | 1,016      | 505     | 50 | 2.55          | 1.27    |
| 1984 | 925        | 474     | 51 | 2.25          | 1.15    |
| 1985 | 974        | 445     | 46 | 2.39          | 1.09    |
| 1986 | 1,038      | 539     | 52 | 2.55          | 1.32    |
| 1987 | 1,055      | 454     | 43 | 2.42          | 1.04    |
| 1988 | 1,099      | 530     | 48 | 2.15          | 1.04    |
| 1989 | 971        | 447     | 46 | 1.73          | 0.80    |
| 1990 | 1,049      | 485     | 46 | 1.95          | 0.90    |
| 1991 | 1,022      | 493     | 48 | 1.88          | 0.91    |
| 1992 | 901        | 375     | 42 | 1.58          | 0.66    |
| 1993 | 901        | 351     | 39 | 1.49          | 0.58    |
| 1994 | 971        | 353     | 36 | 1.59          | 0.58    |
| 1995 | 960        | 348     | 36 | 1.49          | 0.54    |
| 1996 | 984        | 350     | 36 | 1.49          | 0.53    |
| 1997 | 935        | 331     | 35 | 1.36          | 0.48    |
| 1998 | 982        | 405     | 41 | 1.42          | 0.59    |
| 1999 | 1,020      | 384     | 38 | 1.46          | 0.55    |
| 2000 | 886        | 303     | 34 | 1.25          | 0.43    |
| 2001 | 909        | 337     | 37 | 1.27          | 0.47    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## INDIANA

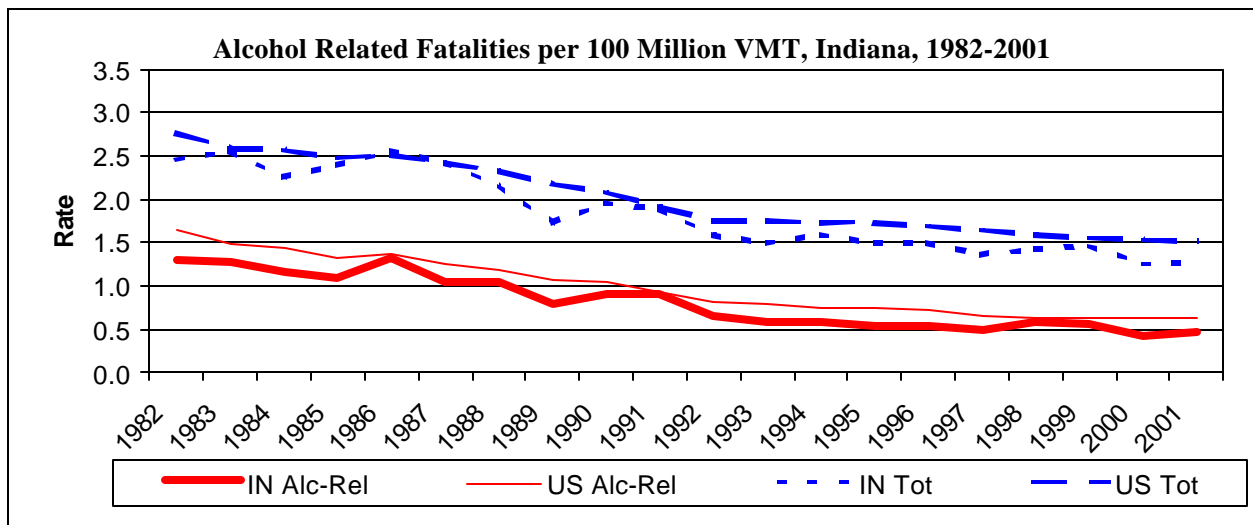
### Change in AR-Rates over time, Indiana vs. US

| Time Period   | Indiana | US   |
|---------------|---------|------|
| 1982 to 2001  | -64%    | -62% |
| Last 10 years | -48%    | -32% |
| Last 5 years  | -11%    | -11% |
| Last 3 Years  | -20%    | 0%   |
| Last 1 Year   | 9%      | 0%   |

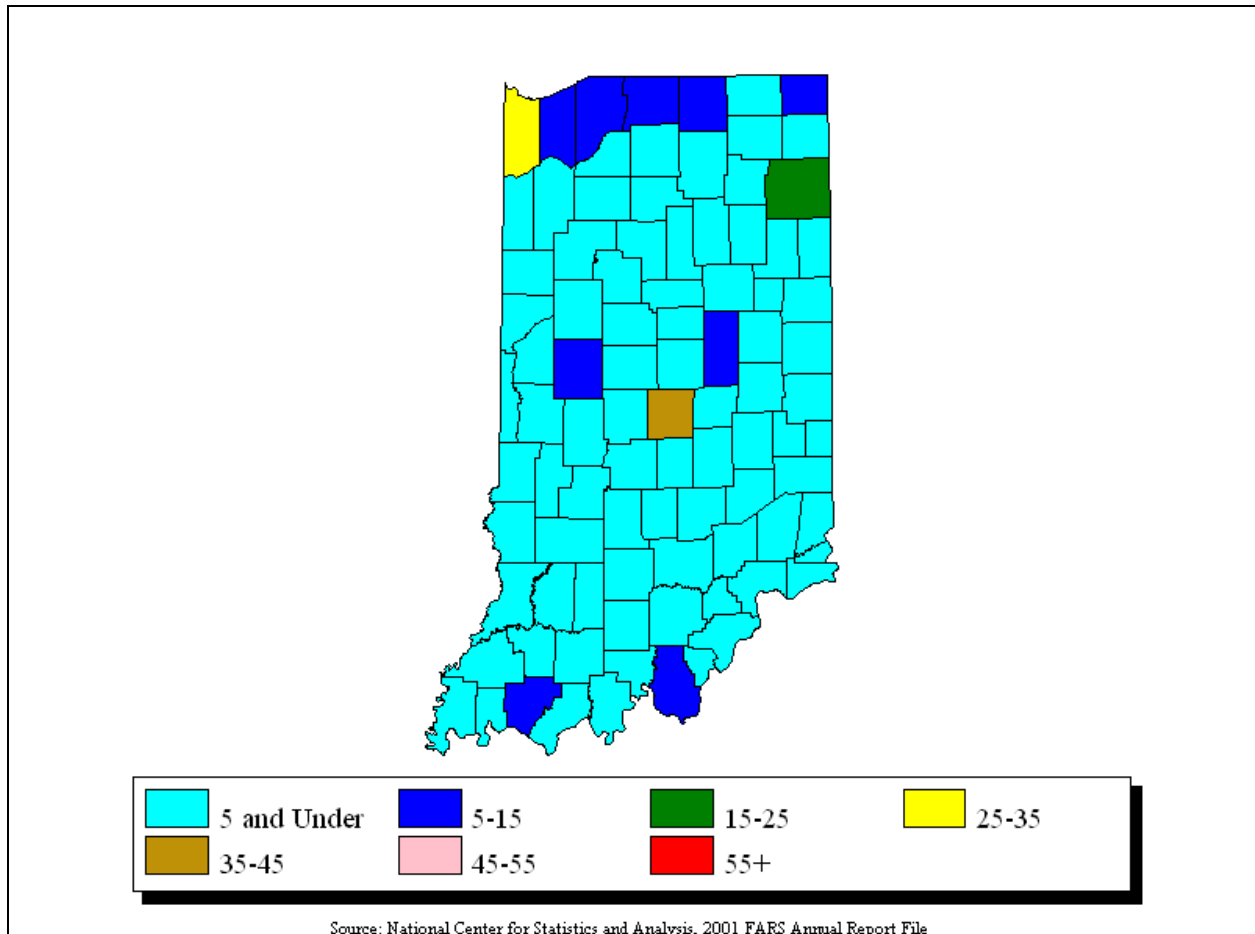
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level              | 0.10               |
| Illegal Per Se BAC Level<br>(Effective Date) | 0.08<br>(07/01/01) |
| Youthful (under 21) Offenders BAC Level      | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 480        | 250     | 52 | 2.48          | 1.29    |
| 1983 | 514        | 305     | 59 | 2.61          | 1.55    |
| 1984 | 420        | 239     | 57 | 2.05          | 1.17    |
| 1985 | 474        | 260     | 55 | 2.35          | 1.29    |
| 1986 | 441        | 228     | 52 | 2.16          | 1.12    |
| 1987 | 491        | 252     | 51 | 2.36          | 1.21    |
| 1988 | 557        | 279     | 50 | 2.54          | 1.27    |
| 1989 | 514        | 232     | 45 | 2.28          | 1.03    |
| 1990 | 465        | 233     | 50 | 2.02          | 1.01    |
| 1991 | 488        | 205     | 42 | 2.12          | 0.89    |
| 1992 | 437        | 176     | 40 | 1.83          | 0.74    |
| 1993 | 459        | 208     | 45 | 1.83          | 0.83    |
| 1994 | 478        | 211     | 44 | 1.86          | 0.82    |
| 1995 | 527        | 219     | 42 | 2.03          | 0.84    |
| 1996 | 465        | 199     | 43 | 1.73          | 0.74    |
| 1997 | 468        | 178     | 38 | 1.67          | 0.64    |
| 1998 | 449        | 163     | 36 | 1.55          | 0.56    |
| 1999 | 490        | 169     | 34 | 1.68          | 0.58    |
| 2000 | 445        | 139     | 31 | 1.51          | 0.47    |
| 2001 | 447        | 155     | 35 | 1.49          | 0.52    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## IOWA

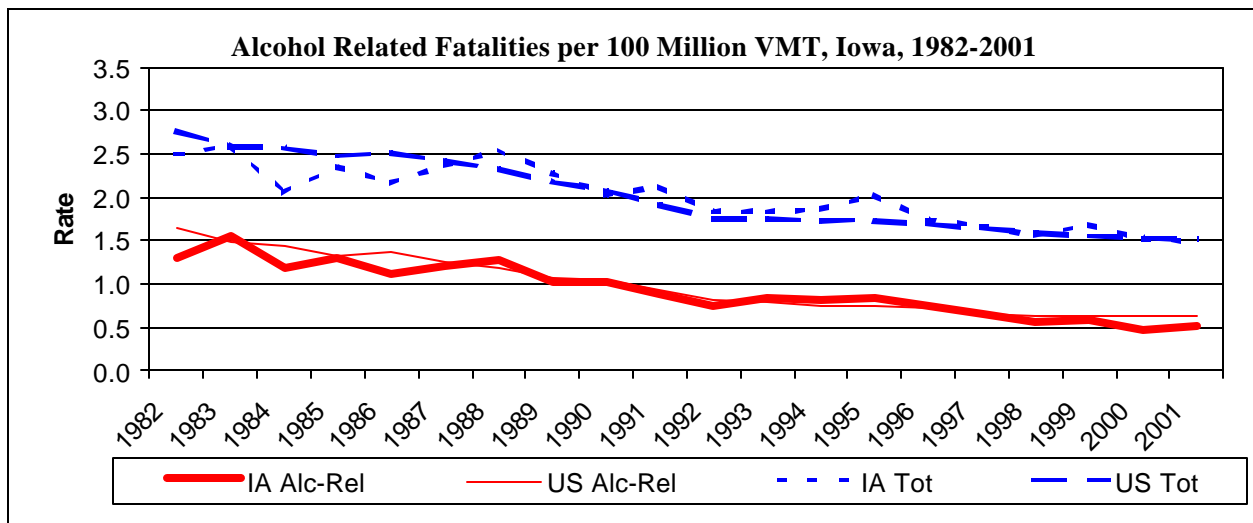
### Change in AR-Rates over time, Iowa vs. US

| Time Period   | Iowa | US   |
|---------------|------|------|
| 1982 to 2001  | -60% | -62% |
| Last 10 years | -42% | -32% |
| Last 5 years  | -30% | -11% |
| Last 3 Years  | -7%  | 0%   |
| Last 1 Year   | 11%  | 0%   |

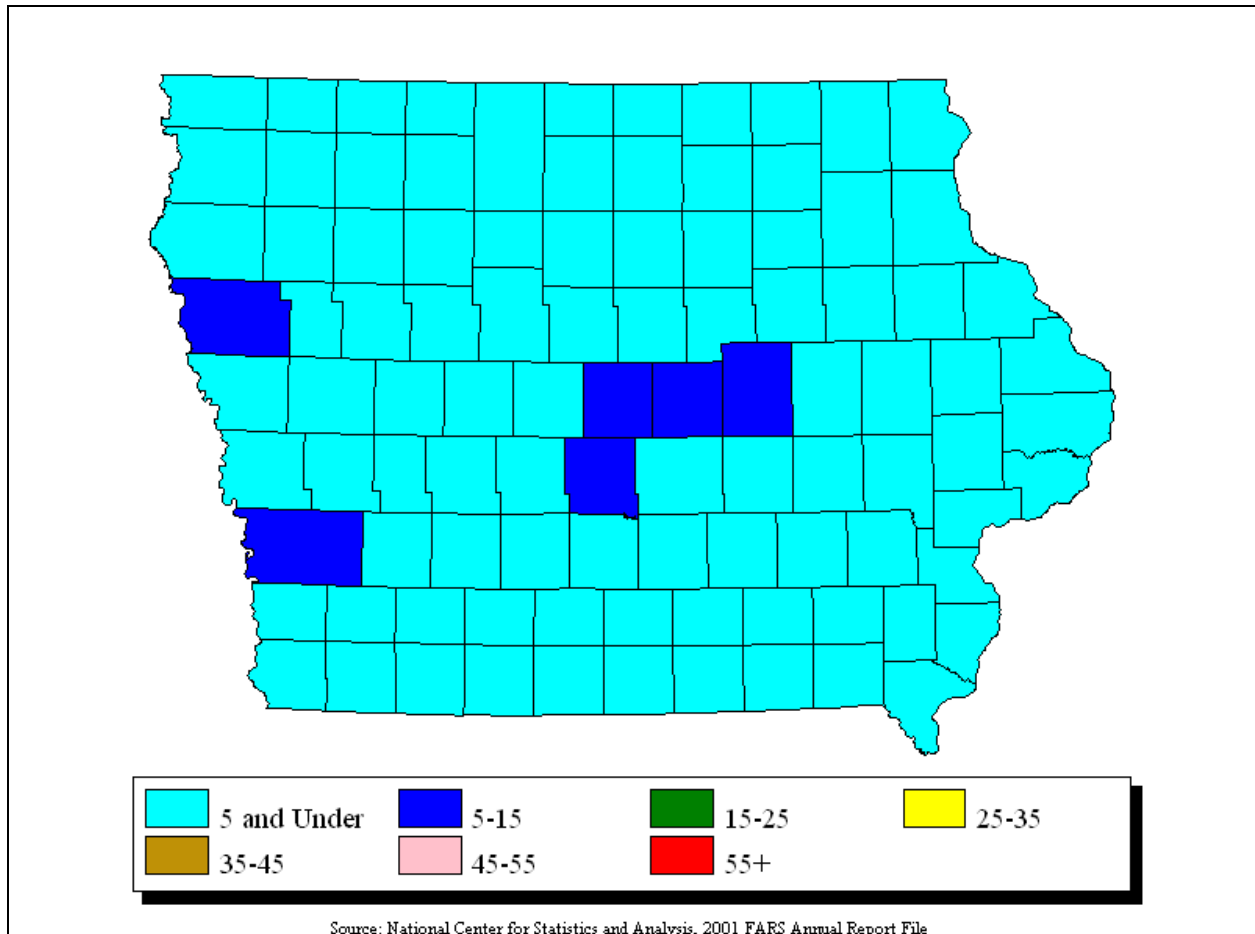
### Impaired Driving Legislations\*

| Law                                       | BAC Level |
|---|-----------|
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 498        | 253     | 51 | 2.82          | 1.43    |
| 1983 | 411        | 214     | 52 | 2.26          | 1.18    |
| 1984 | 510        | 251     | 49 | 2.72          | 1.34    |
| 1985 | 486        | 214     | 44 | 2.52          | 1.11    |
| 1986 | 500        | 279     | 56 | 2.52          | 1.41    |
| 1987 | 491        | 248     | 50 | 2.39          | 1.21    |
| 1988 | 483        | 225     | 47 | 2.28          | 1.06    |
| 1989 | 428        | 194     | 45 | 1.95          | 0.89    |
| 1990 | 444        | 227     | 51 | 1.94          | 0.99    |
| 1991 | 409        | 189     | 46 | 1.76          | 0.82    |
| 1992 | 387        | 158     | 41 | 1.60          | 0.65    |
| 1993 | 428        | 157     | 37 | 1.77          | 0.65    |
| 1994 | 442        | 169     | 38 | 1.79          | 0.68    |
| 1995 | 442        | 184     | 42 | 1.76          | 0.73    |
| 1996 | 490        | 203     | 41 | 1.89          | 0.78    |
| 1997 | 482        | 147     | 30 | 1.82          | 0.55    |
| 1998 | 492        | 165     | 34 | 1.82          | 0.61    |
| 1999 | 540        | 193     | 36 | 1.95          | 0.70    |
| 2000 | 461        | 161     | 35 | 1.64          | 0.57    |
| 2001 | 494        | 194     | 39 | 1.75          | 0.69    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## KANSAS

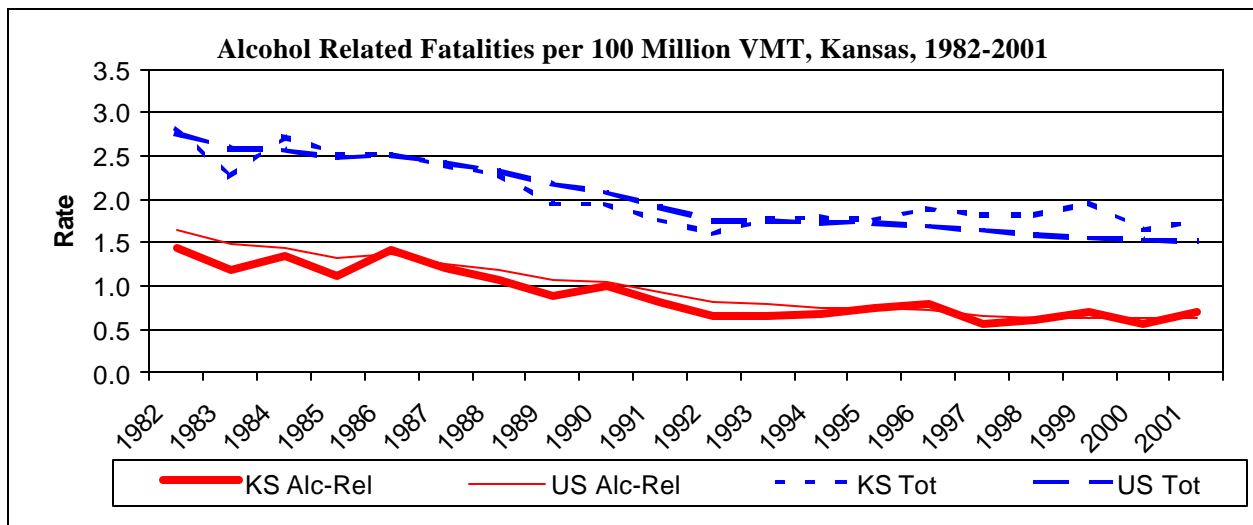
### Change in AR-Rates over time, Kansas vs. US

| Time Period   | Kansas | US   |
|---------------|--------|------|
| 1982 to 2001  | -52%   | -62% |
| Last 10 years | -16%   | -32% |
| Last 5 years  | -12%   | -11% |
| Last 3 Years  | 13%    | 0%   |
| Last 1 Year   | 21%    | 0%   |

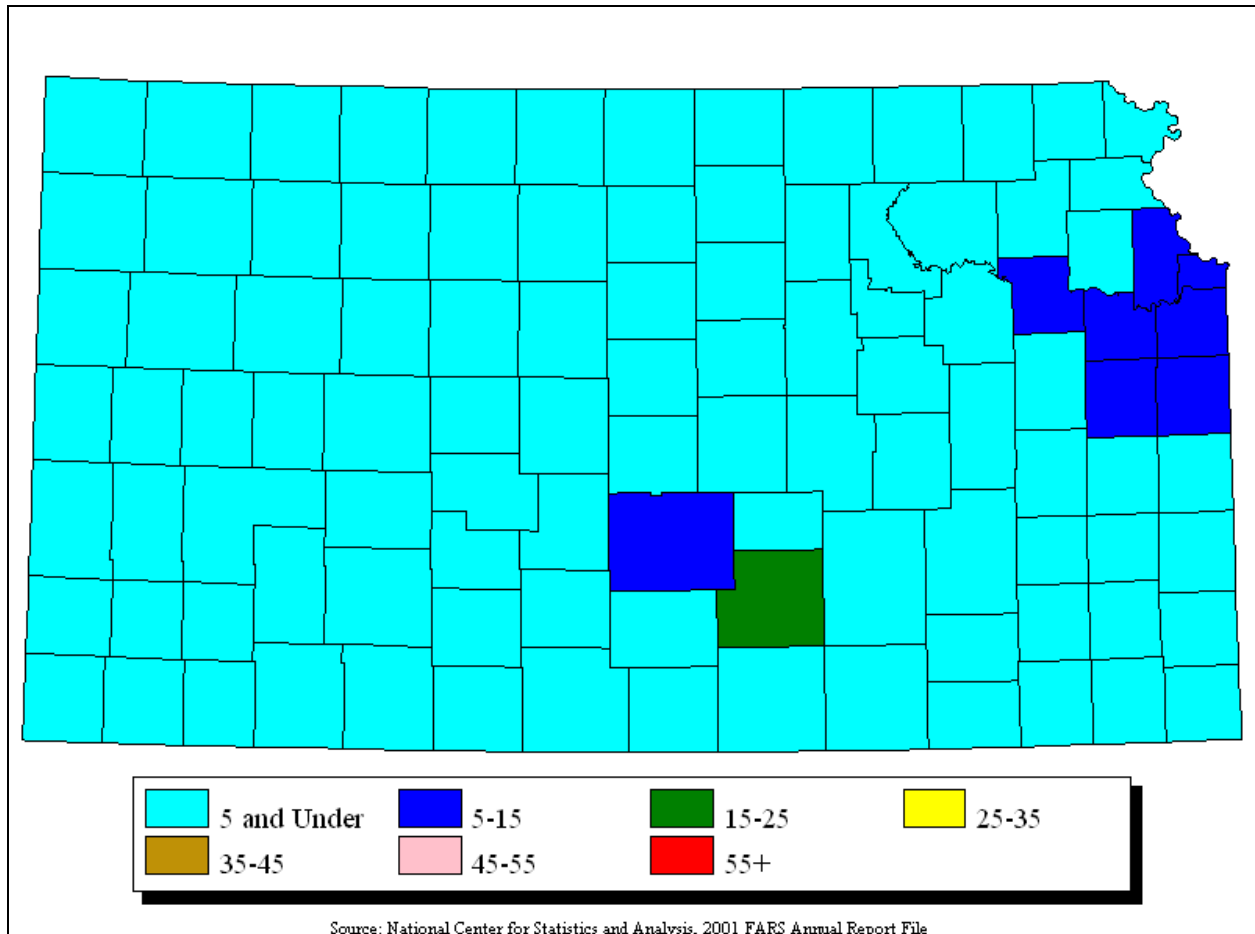
### Impaired Driving Legislations\*

| Law                                       | BAC Level       |
|---|-----------------|
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/93) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 822        | 482     | 59 | 3.21          | 1.88    |
| 1983 | 778        | 435     | 56 | 2.91          | 1.63    |
| 1984 | 754        | 389     | 52 | 2.70          | 1.39    |
| 1985 | 712        | 343     | 48 | 2.50          | 1.20    |
| 1986 | 805        | 398     | 49 | 2.75          | 1.36    |
| 1987 | 844        | 407     | 48 | 2.78          | 1.34    |
| 1988 | 838        | 411     | 49 | 2.65          | 1.30    |
| 1989 | 772        | 341     | 44 | 2.40          | 1.06    |
| 1990 | 849        | 371     | 44 | 2.52          | 1.10    |
| 1991 | 826        | 380     | 46 | 2.35          | 1.08    |
| 1992 | 815        | 333     | 41 | 2.14          | 0.87    |
| 1993 | 871        | 338     | 39 | 2.20          | 0.85    |
| 1994 | 778        | 309     | 40 | 1.95          | 0.78    |
| 1995 | 849        | 302     | 36 | 2.07          | 0.73    |
| 1996 | 842        | 317     | 38 | 1.98          | 0.74    |
| 1997 | 857        | 301     | 35 | 1.91          | 0.67    |
| 1998 | 858        | 306     | 36 | 1.84          | 0.66    |
| 1999 | 814        | 300     | 37 | 1.70          | 0.63    |
| 2000 | 820        | 280     | 34 | 1.75          | 0.60    |
| 2001 | 845        | 247     | 29 | 1.83          | 0.53    |

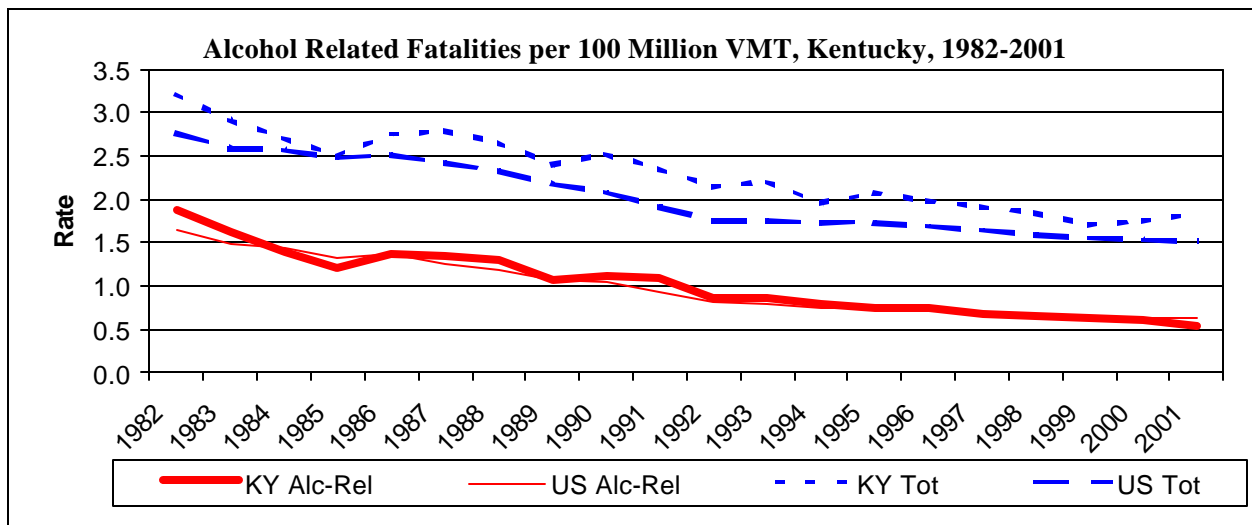
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## KENTUCKY

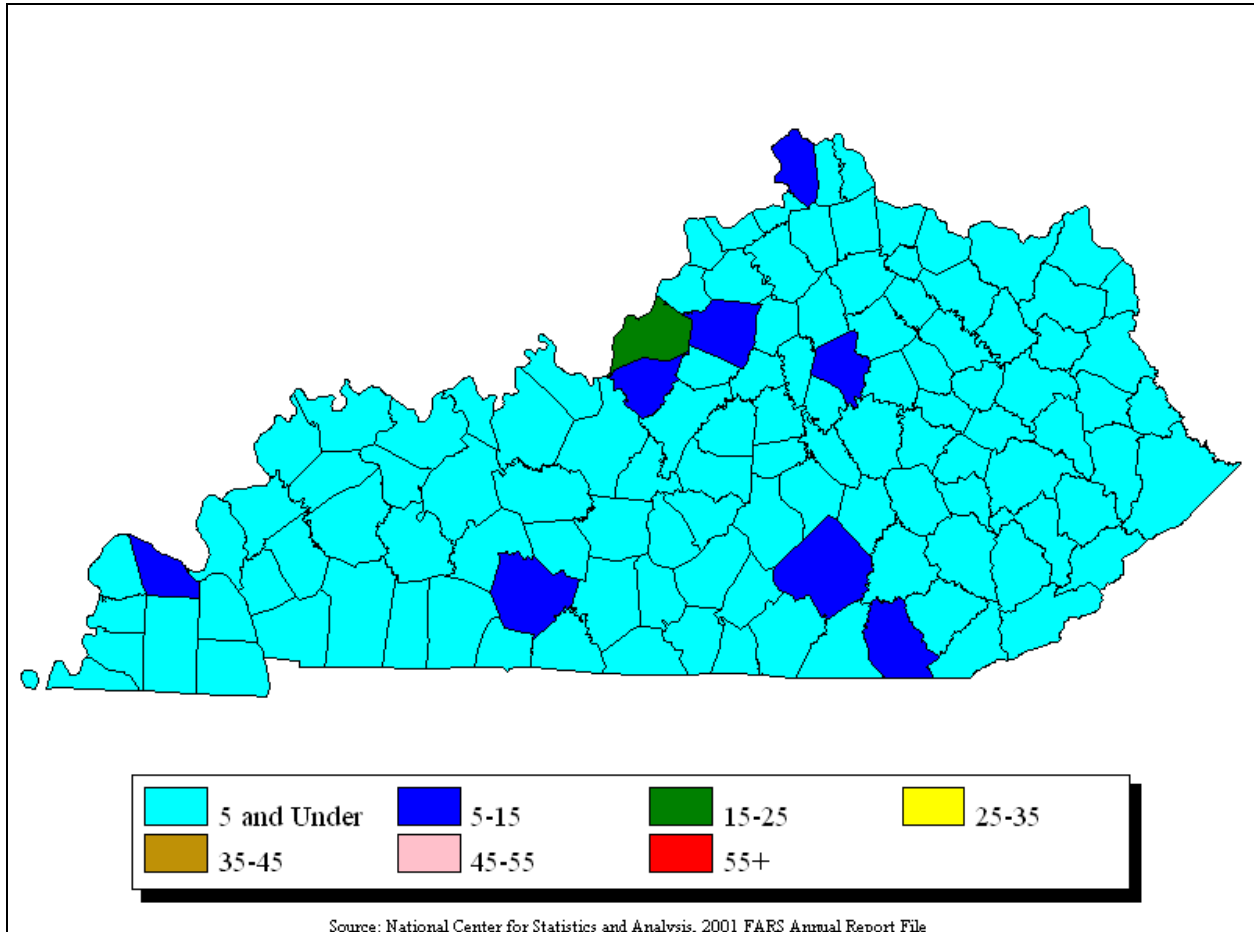
| Change in AR-Rates over time, Kentucky vs. US |          |      |
|---|----------|------|
| Time Period                                   | Kentucky | US   |
| 1982 to 2001                                  | -72%     | -62% |
| Last 10 years                                 | -51%     | -32% |
| Last 5 years                                  | -28%     | -11% |
| Last 3 Years                                  | -20%     | 0%   |
| Last 1 Year                                   | -12%     | 0%   |

| Impaired Driving Legislations                       |                           |
|---|---------------------------|
| Law   | BAC Level                 |
| Administrative Per Se BAC Level                     | -                         |
| Illegal Per Se BAC Level<br><i>(Effective Date)</i> | 0.08<br><i>(10/01/00)</i> |
| Youthful (under 21) Offenders BAC Level             | 0.02                      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,091      | 658     | 60 | 4.06          | 2.45    |
| 1983 | 933        | 538     | 58 | 3.07          | 1.77    |
| 1984 | 961        | 590     | 61 | 2.94          | 1.81    |
| 1985 | 931        | 471     | 51 | 2.79          | 1.41    |
| 1986 | 932        | 502     | 54 | 3.12          | 1.68    |
| 1987 | 826        | 460     | 56 | 2.73          | 1.52    |
| 1988 | 925        | 490     | 53 | 2.67          | 1.41    |
| 1989 | 878        | 442     | 50 | 2.47          | 1.24    |
| 1990 | 959        | 550     | 57 | 2.53          | 1.45    |
| 1991 | 862        | 491     | 57 | 2.48          | 1.41    |
| 1992 | 886        | 493     | 56 | 2.62          | 1.46    |
| 1993 | 878        | 483     | 55 | 2.42          | 1.33    |
| 1994 | 843        | 429     | 51 | 2.25          | 1.15    |
| 1995 | 894        | 476     | 53 | 2.31          | 1.23    |
| 1996 | 902        | 461     | 51 | 2.37          | 1.21    |
| 1997 | 931        | 444     | 48 | 2.40          | 1.14    |
| 1998 | 926        | 443     | 48 | 2.30          | 1.10    |
| 1999 | 938        | 445     | 47 | 2.28          | 1.08    |
| 2000 | 938        | 454     | 48 | 2.30          | 1.11    |
| 2001 | 954        | 445     | 47 | 2.32          | 1.08    |

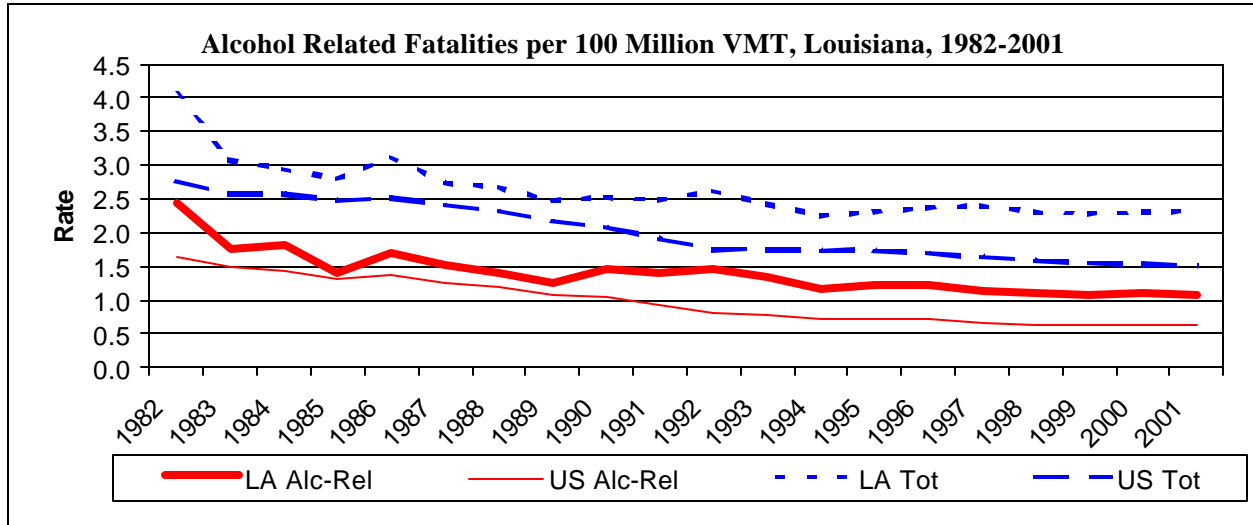
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# LOUISIANA

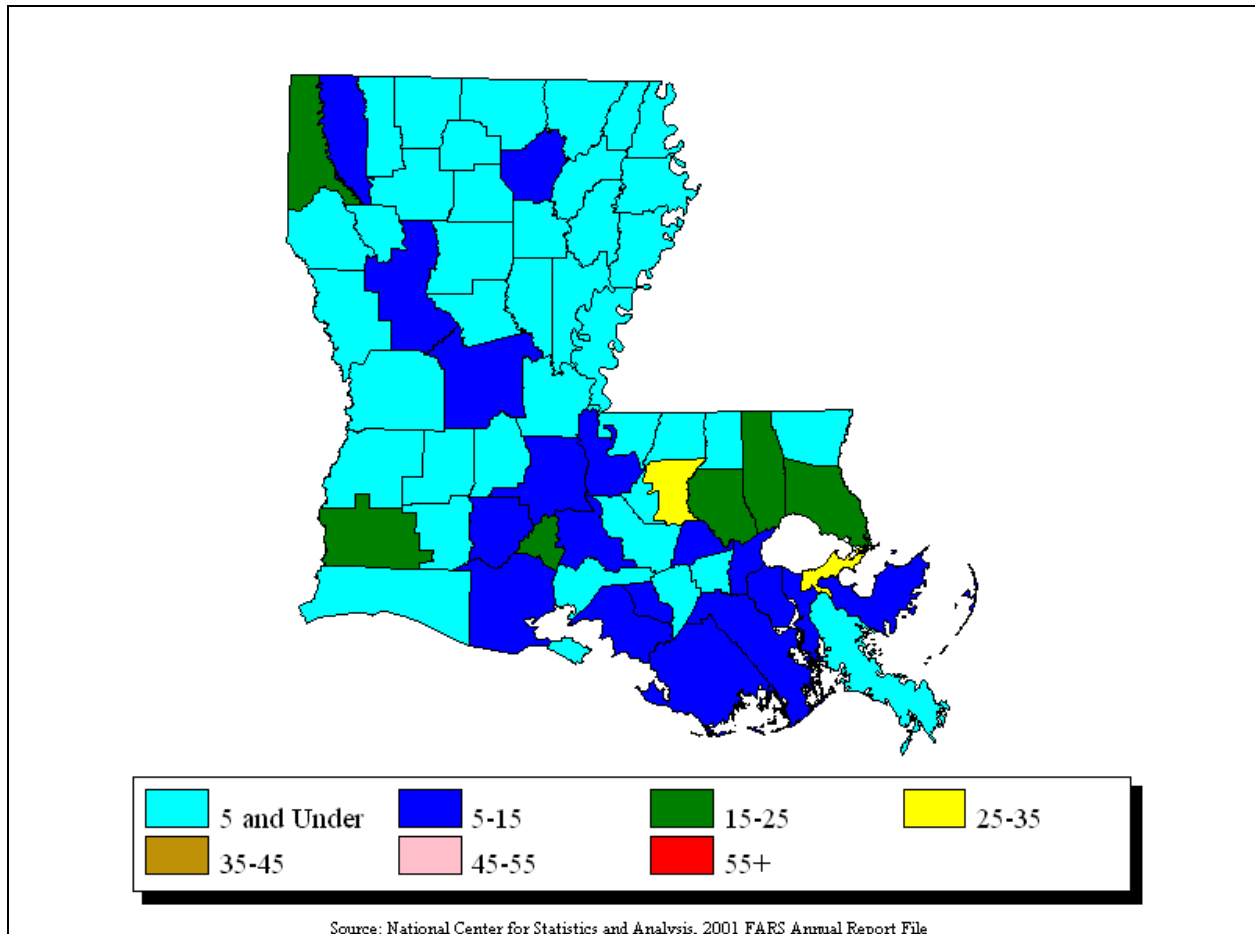
| Change in AR-Rates over time, Louisiana vs. US |           |      |
|--|-----------|------|
| Time Period                                    | Louisiana | US   |
| 1982 to 2001                                   | -56%      | -62% |
| Last 10 years                                  | -23%      | -32% |
| Last 5 years                                   | -11%      | -11% |
| Last 3 Years                                   | -2%       | 0%   |
| Last 1 Year                                    | -3%       | 0%   |

| Impaired Driving Legislations*            |                  |
|---|------------------|
| Law                                       | BAC Level        |
| Administrative Per Se BAC Level           | 0.10             |
| Illegal Per Se BAC Level (Effective Date) | 0.08* (09/30/03) |
| Youthful (under 21) Offenders BAC Level   | 0.02             |

\*Enacted as of 09/03/2002 but effective as of a later date.



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 166        | 94      | 56 | 2.17          | 1.23    |
| 1983 | 224        | 135     | 60 | 2.90          | 1.75    |
| 1984 | 232        | 132     | 57 | 2.68          | 1.53    |
| 1985 | 206        | 112     | 54 | 2.22          | 1.21    |
| 1986 | 214        | 113     | 53 | 2.14          | 1.13    |
| 1987 | 232        | 119     | 51 | 2.15          | 1.11    |
| 1988 | 256        | 103     | 40 | 2.25          | 0.90    |
| 1989 | 194        | 70      | 36 | 1.65          | 0.60    |
| 1990 | 213        | 94      | 44 | 1.79          | 0.79    |
| 1991 | 205        | 83      | 41 | 1.73          | 0.70    |
| 1992 | 214        | 90      | 42 | 1.76          | 0.74    |
| 1993 | 185        | 77      | 42 | 1.52          | 0.63    |
| 1994 | 188        | 66      | 35 | 1.51          | 0.53    |
| 1995 | 187        | 58      | 31 | 1.49          | 0.46    |
| 1996 | 169        | 65      | 38 | 1.32          | 0.51    |
| 1997 | 192        | 65      | 34 | 1.45          | 0.49    |
| 1998 | 192        | 55      | 28 | 1.42          | 0.41    |
| 1999 | 181        | 60      | 33 | 1.28          | 0.42    |
| 2000 | 169        | 51      | 30 | 1.19          | 0.36    |
| 2001 | 192        | 65      | 34 | 1.33          | 0.45    |

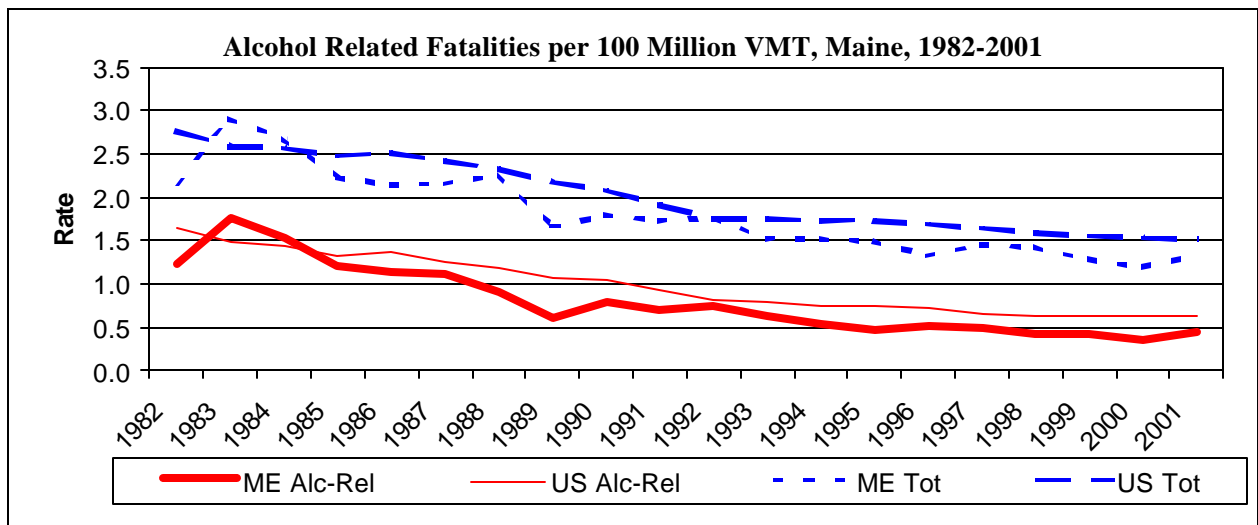
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**MAINE**

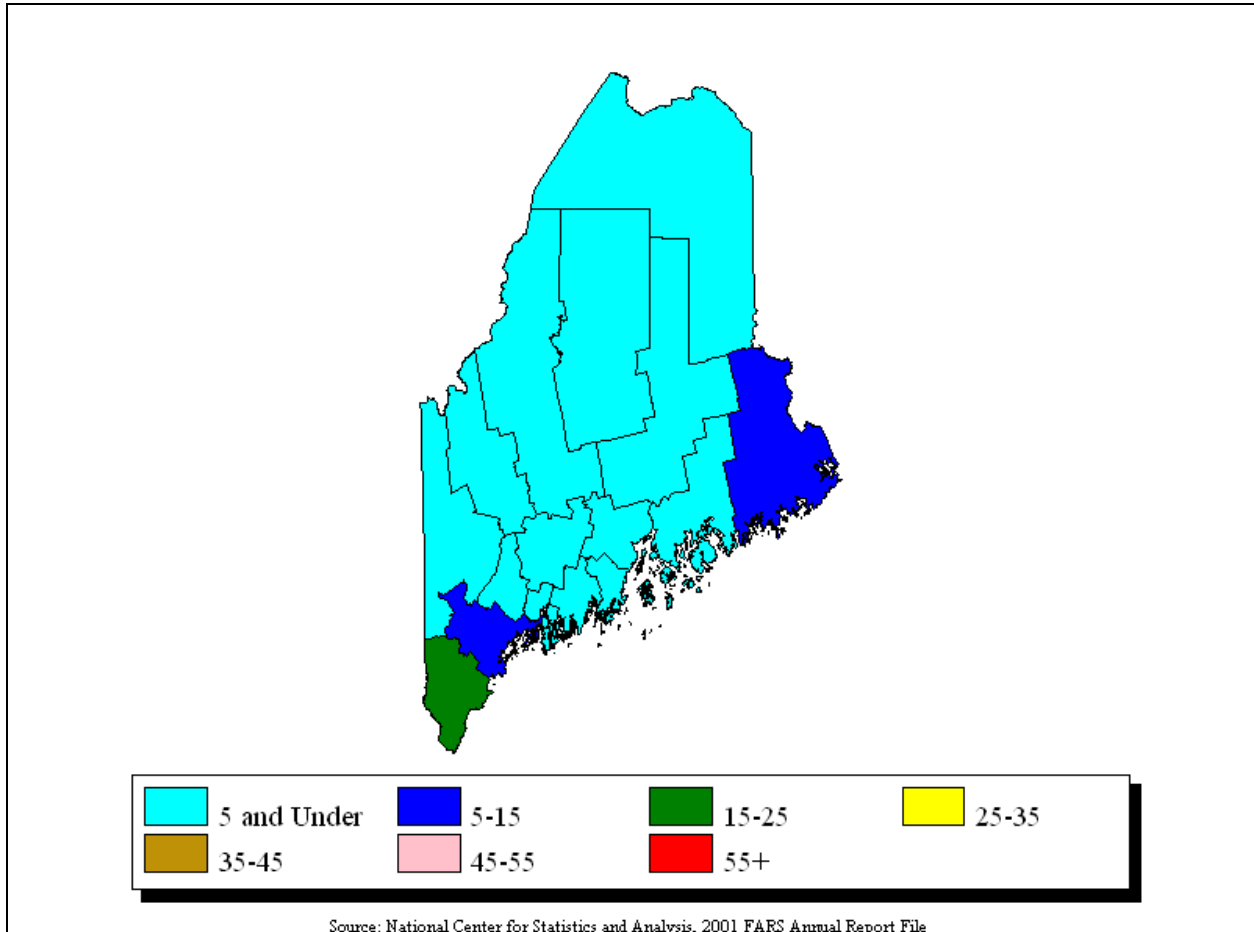
| Change in AR-Rates over time, Maine vs. US |       |      |
|--|-------|------|
| Time Period                                | Maine | US   |
| 1982 to 2001                               | -63%  | -62% |
| Last 10 years                              | -36%  | -32% |
| Last 5 years                               | -12%  | -11% |
| Last 3 Years                               | 10%   | 0%   |
| Last 1 Year                                | 25%   | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (08/04/88) |
| Youthful (under 21) Offenders BAC Level   | 0.00            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Source: National Center for Statistics and Analysis, 2001 FARS Annual Report File

## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 640        | 360     | 56 | 2.21          | 1.24    |
| 1983 | 656        | 382     | 58 | 2.11          | 1.23    |
| 1984 | 643        | 344     | 54 | 2.03          | 1.09    |
| 1985 | 729        | 378     | 52 | 2.19          | 1.13    |
| 1986 | 784        | 407     | 52 | 2.23          | 1.16    |
| 1987 | 814        | 380     | 47 | 2.23          | 1.04    |
| 1988 | 781        | 352     | 45 | 2.08          | 0.94    |
| 1989 | 726        | 316     | 43 | 1.87          | 0.81    |
| 1990 | 707        | 325     | 46 | 1.74          | 0.80    |
| 1991 | 694        | 261     | 38 | 1.68          | 0.63    |
| 1992 | 659        | 243     | 37 | 1.57          | 0.58    |
| 1993 | 666        | 244     | 37 | 1.54          | 0.56    |
| 1994 | 651        | 232     | 36 | 1.47          | 0.53    |
| 1995 | 671        | 249     | 37 | 1.50          | 0.55    |
| 1996 | 608        | 213     | 35 | 1.32          | 0.46    |
| 1997 | 611        | 224     | 37 | 1.31          | 0.48    |
| 1998 | 606        | 223     | 37 | 1.25          | 0.46    |
| 1999 | 590        | 215     | 36 | 1.20          | 0.44    |
| 2000 | 588        | 240     | 41 | 1.17          | 0.48    |
| 2001 | 660        | 290     | 44 | 1.27          | 0.56    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## MARYLAND

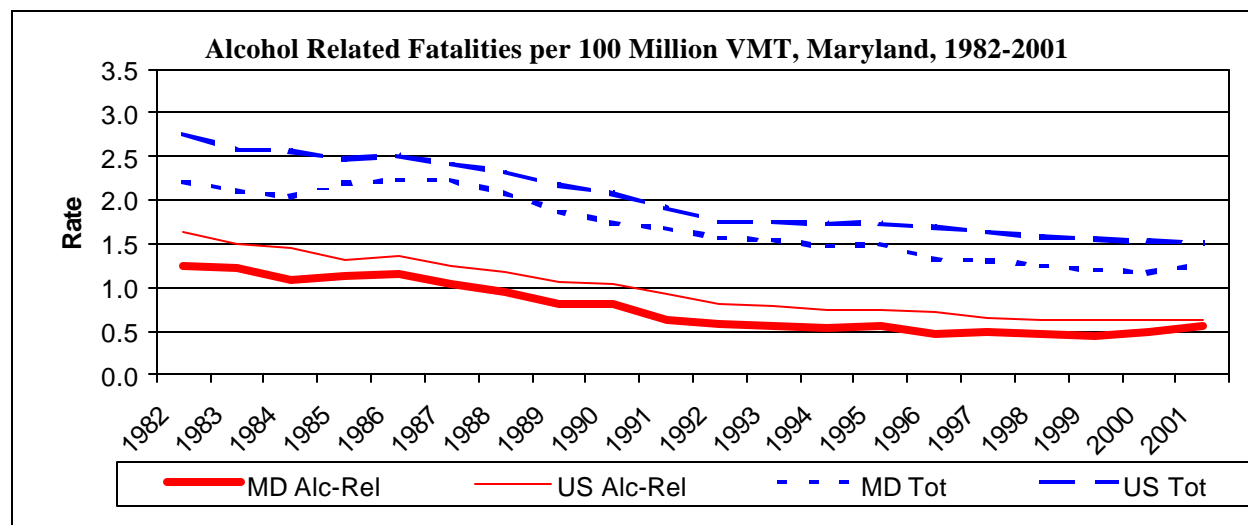
### Change in AR-Rates over time, Maryland vs. US

| Time Period   | Maryland | US   |
|---------------|----------|------|
| 1982 to 2001  | -55%     | -62% |
| Last 10 years | -11%     | -32% |
| Last 5 years  | 22%      | -11% |
| Last 3 Years  | 22%      | 0%   |
| Last 1 Year   | 17%      | 0%   |

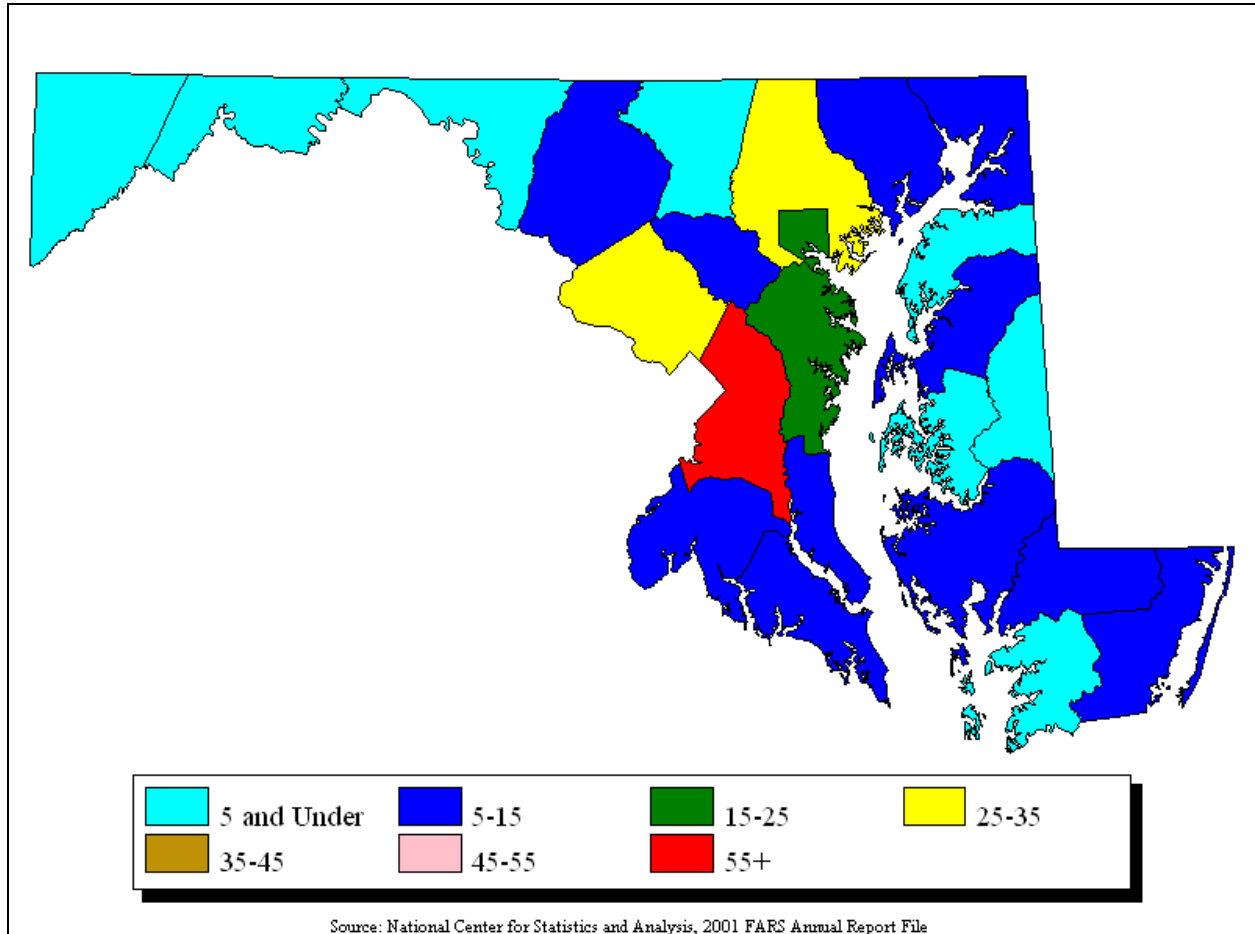
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level              | 0.10               |
| Illegal Per Se BAC Level<br>(Effective Date) | 0.08<br>(09/30/01) |
| Youthful (under 21) Offenders BAC Level      | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 659        | 407     | 62 | 1.80          | 1.11    |
| 1983 | 651        | 409     | 63 | 1.73          | 1.09    |
| 1984 | 666        | 411     | 62 | 1.73          | 1.07    |
| 1985 | 742        | 390     | 53 | 1.87          | 0.98    |
| 1986 | 752        | 405     | 54 | 1.84          | 0.99    |
| 1987 | 689        | 377     | 55 | 1.63          | 0.89    |
| 1988 | 725        | 408     | 56 | 1.67          | 0.94    |
| 1989 | 696        | 384     | 55 | 1.51          | 0.83    |
| 1990 | 605        | 349     | 58 | 1.31          | 0.76    |
| 1991 | 552        | 288     | 52 | 1.19          | 0.62    |
| 1992 | 485        | 262     | 54 | 1.02          | 0.55    |
| 1993 | 475        | 208     | 44 | 1.02          | 0.45    |
| 1994 | 440        | 212     | 48 | 0.94          | 0.45    |
| 1995 | 444        | 193     | 43 | 0.92          | 0.40    |
| 1996 | 417        | 184     | 44 | 0.83          | 0.37    |
| 1997 | 441        | 198     | 45 | 0.87          | 0.39    |
| 1998 | 406        | 184     | 45 | 0.78          | 0.36    |
| 1999 | 414        | 195     | 47 | 0.80          | 0.38    |
| 2000 | 433        | 216     | 50 | 0.82          | 0.41    |
| 2001 | 477        | 234     | 49 | 0.90          | 0.44    |

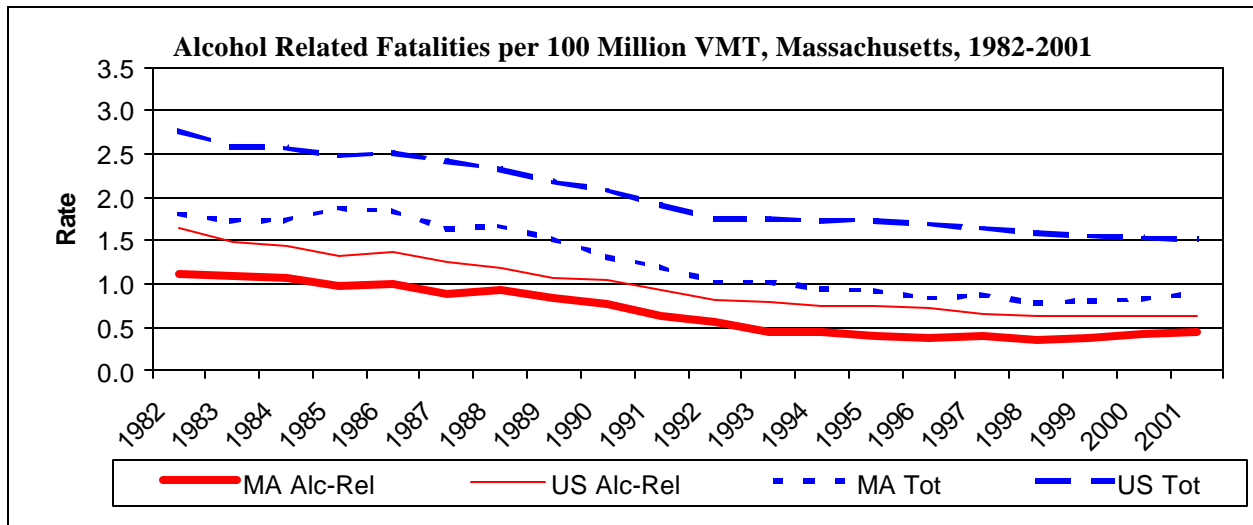
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# MASSACHUSETTS

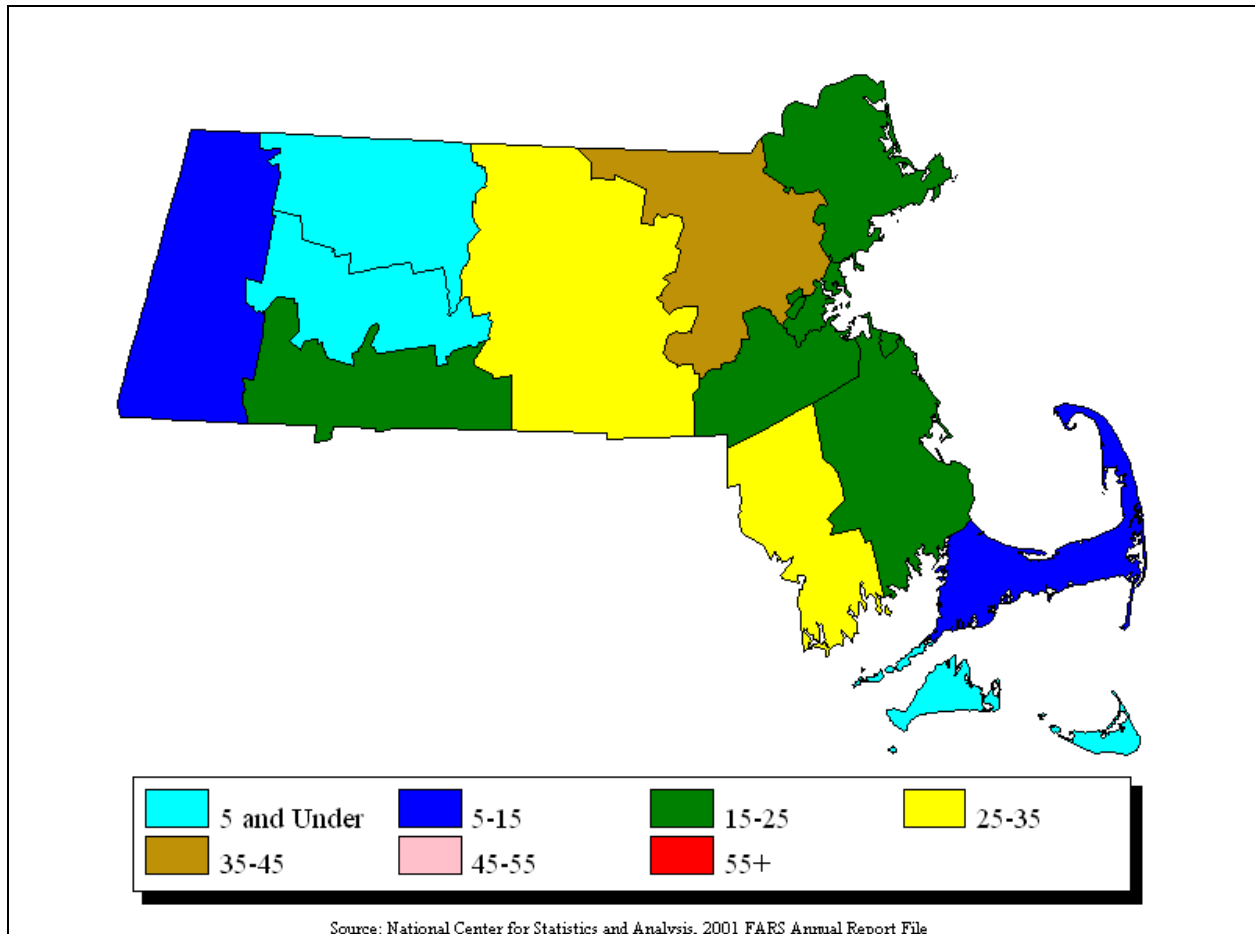
| Change in AR-Rates over time, Massachusetts vs. US |               |      |
|--|---------------|------|
| Time Period  | Massachusetts | US   |
| 1982 to 2001                                       | -60%          | -62% |
| Last 10 years                                      | -29%          | -32% |
| Last 5 years                                       | 19%           | -11% |
| Last 3 Years                                       | 22%           | 0%   |
| Last 1 Year  | 7%            | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.08      |
| Illegal Per Se BAC Level (Effective Date) | - (-)     |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,392      | 871     | 63 | 2.27          | 1.42    |
| 1983 | 1,314      | 788     | 60 | 2.16          | 1.29    |
| 1984 | 1,531      | 897     | 59 | 2.41          | 1.41    |
| 1985 | 1,545      | 788     | 51 | 2.29          | 1.17    |
| 1986 | 1,605      | 862     | 54 | 2.23          | 1.20    |
| 1987 | 1,602      | 839     | 52 | 2.12          | 1.11    |
| 1988 | 1,708      | 869     | 51 | 2.19          | 1.12    |
| 1989 | 1,639      | 780     | 48 | 2.05          | 0.98    |
| 1990 | 1,571      | 798     | 51 | 1.94          | 0.98    |
| 1991 | 1,421      | 684     | 48 | 1.73          | 0.83    |
| 1992 | 1,300      | 553     | 43 | 1.54          | 0.66    |
| 1993 | 1,414      | 632     | 45 | 1.65          | 0.74    |
| 1994 | 1,421      | 604     | 43 | 1.67          | 0.71    |
| 1995 | 1,530      | 634     | 41 | 1.79          | 0.74    |
| 1996 | 1,505      | 630     | 42 | 1.67          | 0.70    |
| 1997 | 1,446      | 573     | 40 | 1.58          | 0.62    |
| 1998 | 1,366      | 552     | 40 | 1.45          | 0.59    |
| 1999 | 1,382      | 565     | 41 | 1.44          | 0.59    |
| 2000 | 1,382      | 528     | 38 | 1.41          | 0.54    |
| 2001 | 1,328      | 518     | 39 | 1.34          | 0.52    |

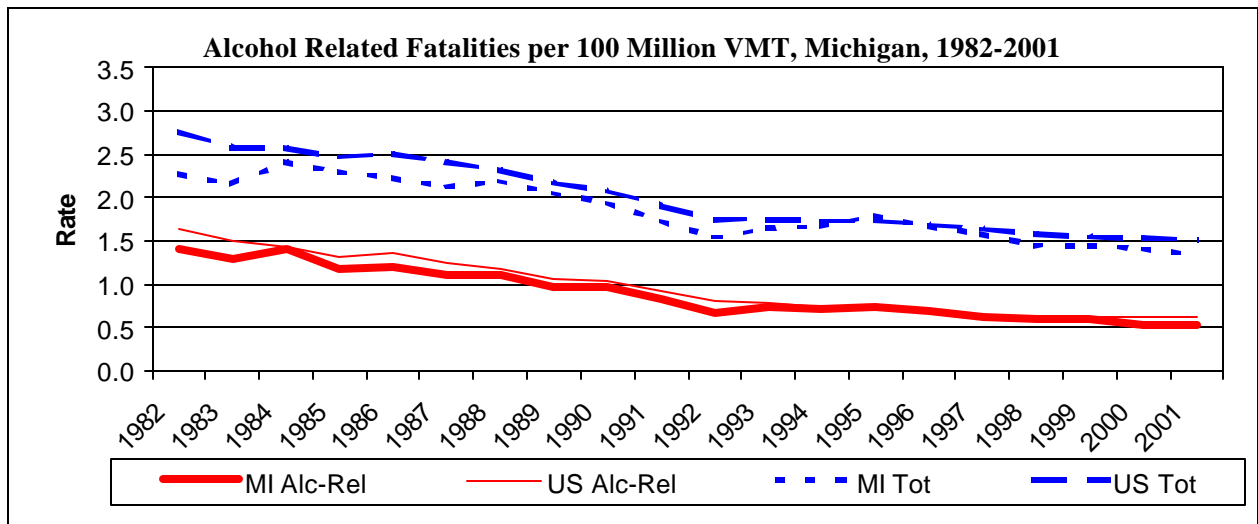
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# MICHIGAN

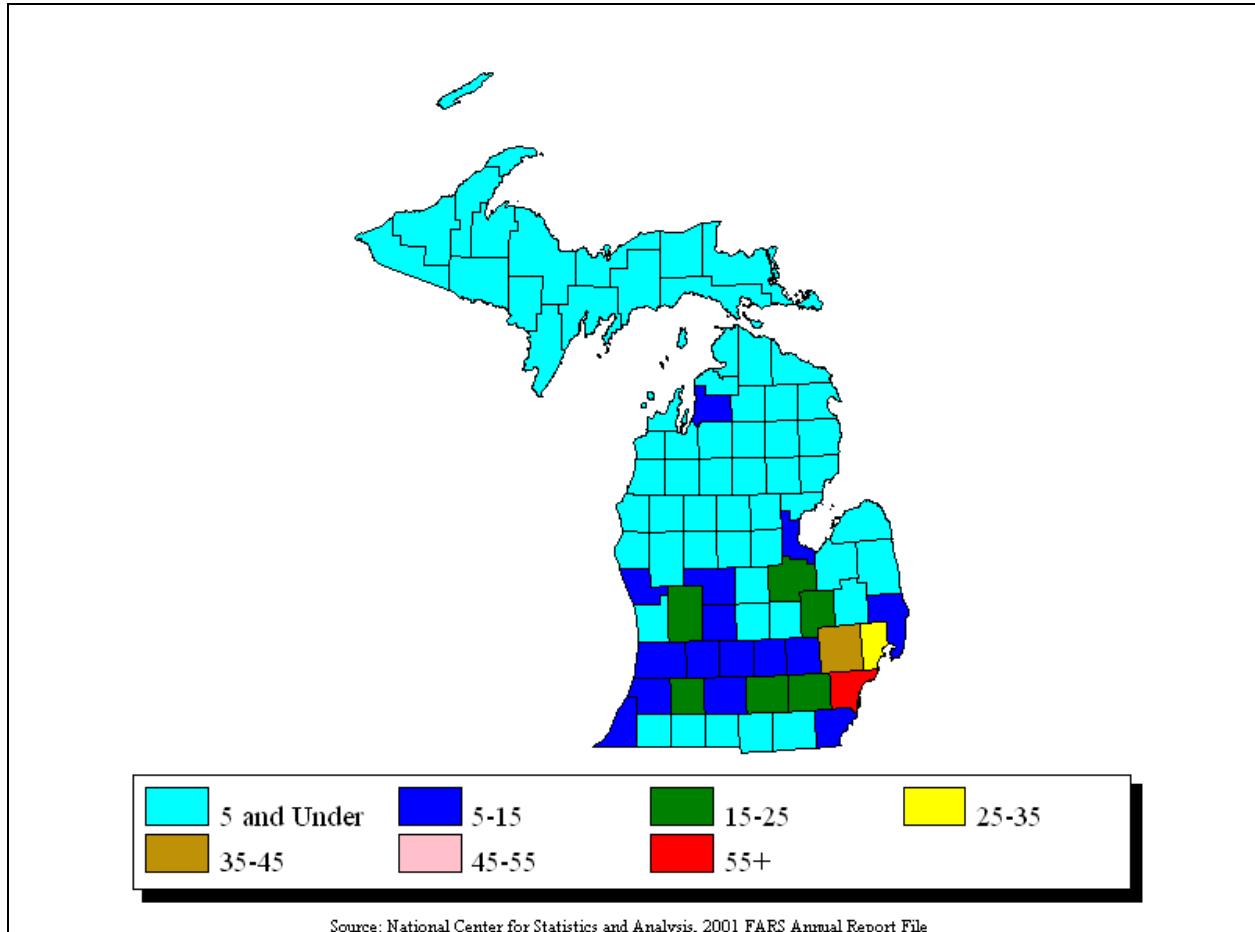
| Change in AR-Rates over time, Michigan vs. US |          |      |
|---|----------|------|
| Time Period                                   | Michigan | US   |
| 1982 to 2001                                  | -63%     | -62% |
| Last 10 years                                 | -37%     | -32% |
| Last 5 years                                  | -26%     | -11% |
| Last 3 Years                                  | -12%     | 0%   |
| Last 1 Year                                   | -4%      | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | -         |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 571        | 322     | 56 | 1.96          | 1.10    |
| 1983 | 555        | 314     | 56 | 1.79          | 1.01    |
| 1984 | 582        | 332     | 57 | 1.82          | 1.04    |
| 1985 | 608        | 287     | 47 | 1.86          | 0.88    |
| 1986 | 571        | 284     | 50 | 1.69          | 0.84    |
| 1987 | 530        | 248     | 47 | 1.51          | 0.71    |
| 1988 | 612        | 294     | 48 | 1.68          | 0.81    |
| 1989 | 604        | 289     | 48 | 1.62          | 0.77    |
| 1990 | 566        | 258     | 46 | 1.45          | 0.66    |
| 1991 | 531        | 233     | 44 | 1.35          | 0.59    |
| 1992 | 581        | 240     | 41 | 1.41          | 0.58    |
| 1993 | 538        | 216     | 40 | 1.27          | 0.51    |
| 1994 | 646        | 250     | 39 | 1.49          | 0.58    |
| 1995 | 597        | 269     | 45 | 1.35          | 0.61    |
| 1996 | 576        | 222     | 38 | 1.30          | 0.50    |
| 1997 | 600        | 197     | 33 | 1.22          | 0.40    |
| 1998 | 650        | 285     | 44 | 1.31          | 0.57    |
| 1999 | 626        | 206     | 33 | 1.22          | 0.40    |
| 2000 | 625        | 258     | 41 | 1.19          | 0.49    |
| 2001 | 568        | 226     | 40 | 1.06          | 0.42    |

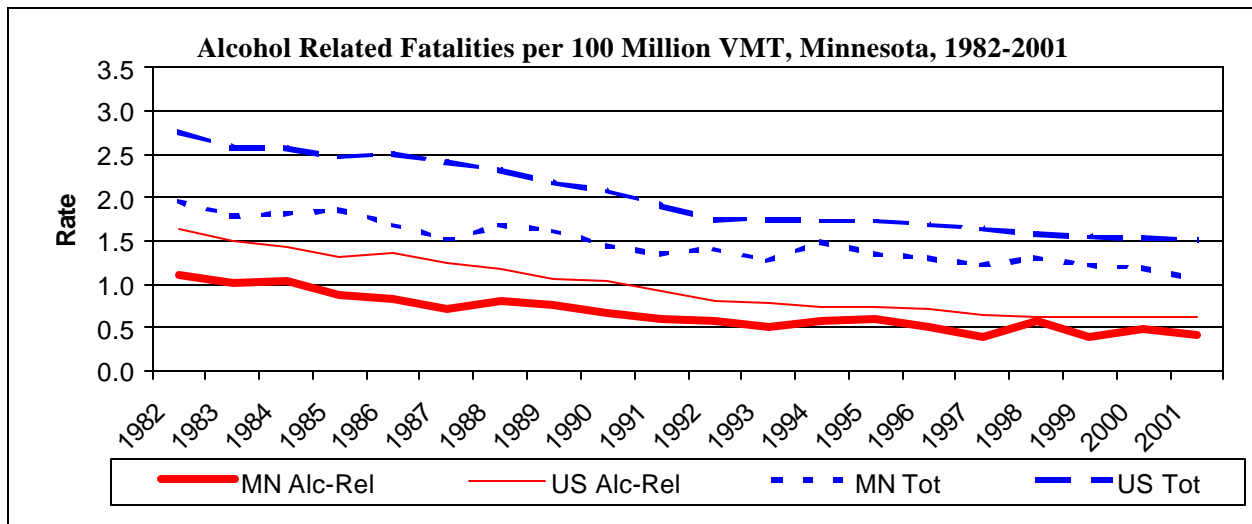
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# MINNESOTA

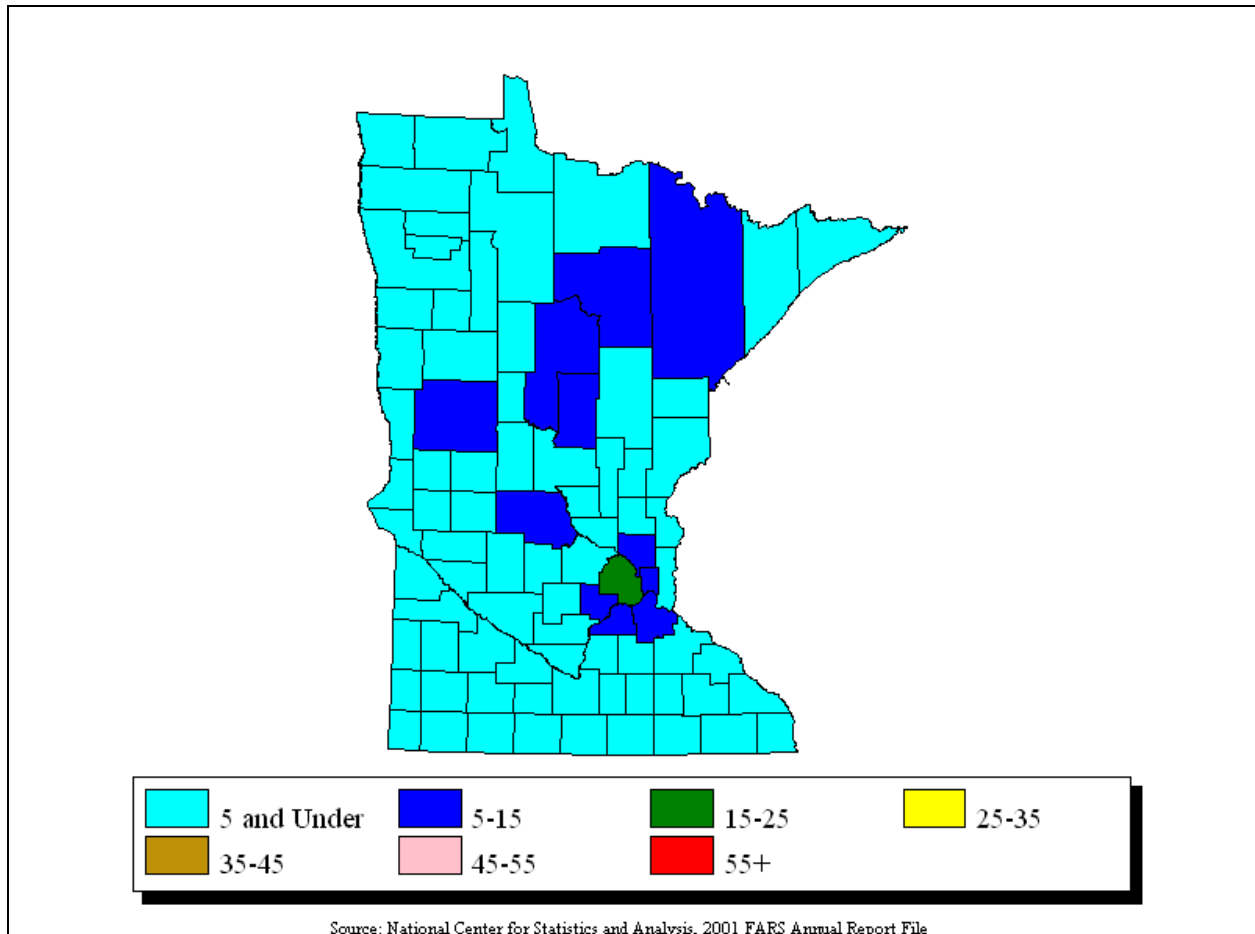
| Change in AR-Rates over time, Minnesota vs. US |           |      |
|--|-----------|------|
| Time Period                                    | Minnesota | US   |
| 1982 to 2001                                   | -62%      | -62% |
| Last 10 years                                  | -29%      | -32% |
| Last 5 years                                   | -16%      | -11% |
| Last 3 Years                                   | -26%      | 0%   |
| Last 1 Year                                    | -14%      | 0%   |

| Impaired Driving Legislation*s            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.00      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 730        | 423     | 58 | 4.26          | 2.47    |
| 1983 | 715        | 310     | 43 | 4.02          | 1.74    |
| 1984 | 679        | 247     | 36 | 3.68          | 1.34    |
| 1985 | 662        | 238     | 36 | 3.45          | 1.24    |
| 1986 | 771        | 286     | 37 | 4.01          | 1.49    |
| 1987 | 756        | 242     | 32 | 3.75          | 1.20    |
| 1988 | 722        | 198     | 27 | 3.28          | 0.90    |
| 1989 | 727        | 255     | 35 | 3.18          | 1.11    |
| 1990 | 750        | 280     | 37 | 3.07          | 1.15    |
| 1991 | 714        | 282     | 40 | 2.87          | 1.13    |
| 1992 | 766        | 381     | 50 | 2.92          | 1.45    |
| 1993 | 813        | 392     | 48 | 3.03          | 1.46    |
| 1994 | 791        | 358     | 45 | 2.77          | 1.25    |
| 1995 | 868        | 363     | 42 | 2.94          | 1.23    |
| 1996 | 811        | 344     | 42 | 2.65          | 1.13    |
| 1997 | 861        | 352     | 41 | 2.73          | 1.12    |
| 1998 | 948        | 356     | 38 | 2.77          | 1.04    |
| 1999 | 927        | 367     | 40 | 2.66          | 1.05    |
| 2000 | 949        | 385     | 41 | 2.67          | 1.08    |
| 2001 | 784        | 282     | 36 | 2.18          | 0.78    |

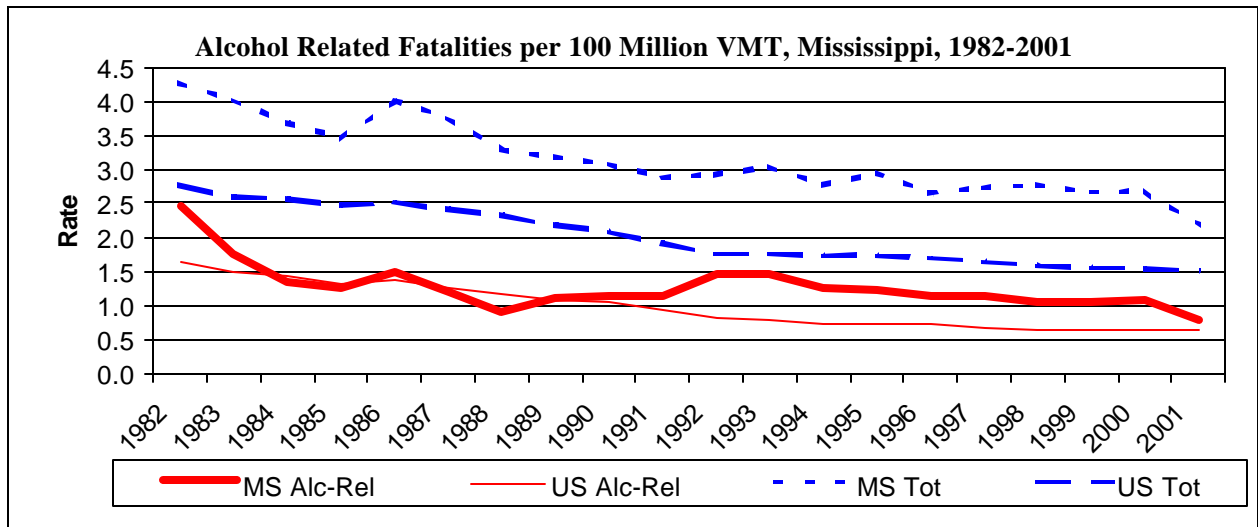
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**MISSISSIPPI**

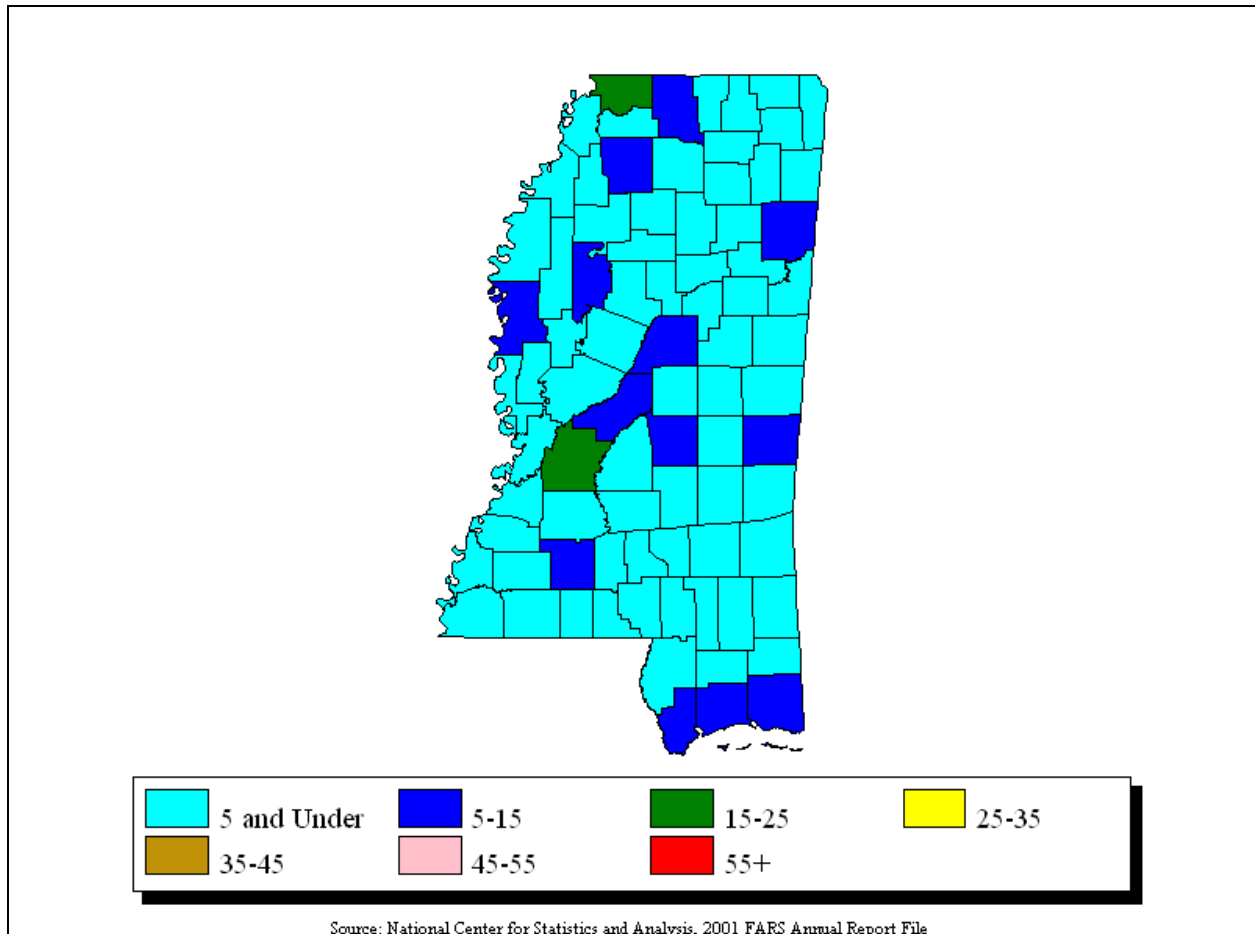
| Change in AR-Rates over time, Mississippi vs. US |             |      |
|--|-------------|------|
| Time Period                                      | Mississippi | US   |
| 1982 to 2001                                     | -68%        | -62% |
| Last 10 years                                    | -31%        | -32% |
| Last 5 years                                     | -31%        | -11% |
| Last 3 Years                                     | -25%        | 0%   |
| Last 1 Year                                      | -28%        | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 890        | 483     | 54 | 2.54          | 1.38    |
| 1983 | 911        | 505     | 55 | 2.49          | 1.38    |
| 1984 | 967        | 480     | 50 | 2.51          | 1.25    |
| 1985 | 931        | 434     | 47 | 2.37          | 1.10    |
| 1986 | 1,129      | 609     | 54 | 2.72          | 1.46    |
| 1987 | 1,045      | 542     | 52 | 2.41          | 1.25    |
| 1988 | 1,103      | 601     | 54 | 2.42          | 1.32    |
| 1989 | 1,052      | 562     | 53 | 2.19          | 1.17    |
| 1990 | 1,097      | 597     | 54 | 2.16          | 1.17    |
| 1991 | 1,011      | 516     | 51 | 1.98          | 1.01    |
| 1992 | 985        | 477     | 48 | 1.85          | 0.90    |
| 1993 | 947        | 474     | 50 | 1.73          | 0.86    |
| 1994 | 1,089      | 552     | 51 | 1.90          | 0.96    |
| 1995 | 1,109      | 560     | 50 | 1.87          | 0.94    |
| 1996 | 1,148      | 576     | 50 | 1.88          | 0.94    |
| 1997 | 1,192      | 504     | 42 | 1.89          | 0.80    |
| 1998 | 1,169      | 513     | 44 | 1.81          | 0.79    |
| 1999 | 1,094      | 438     | 40 | 1.64          | 0.66    |
| 2000 | 1,157      | 516     | 45 | 1.72          | 0.77    |
| 2001 | 1,098      | 523     | 48 | 1.62          | 0.77    |

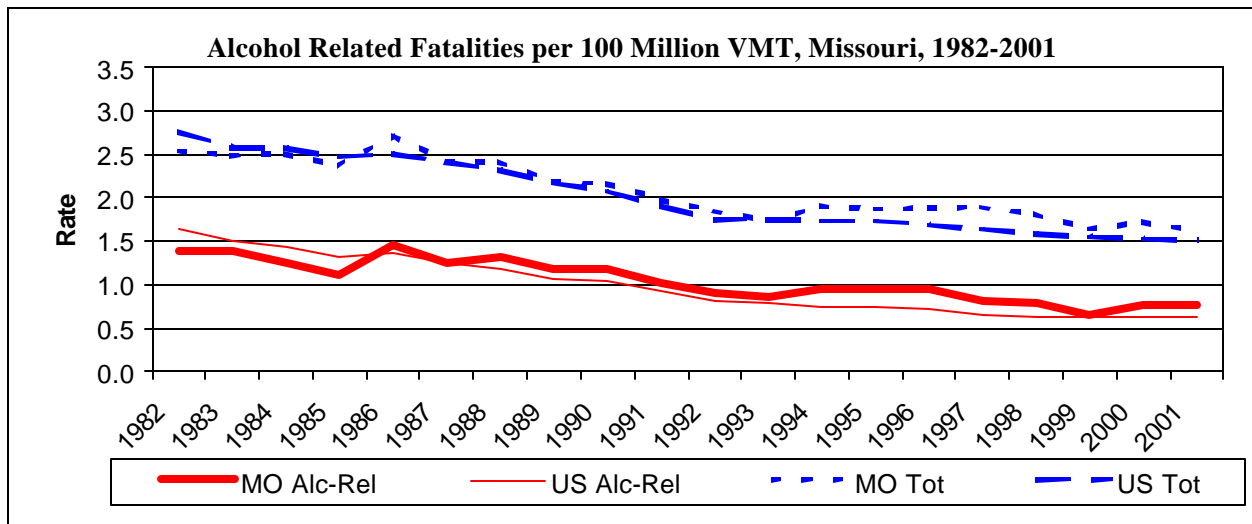
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**MISSOURI**

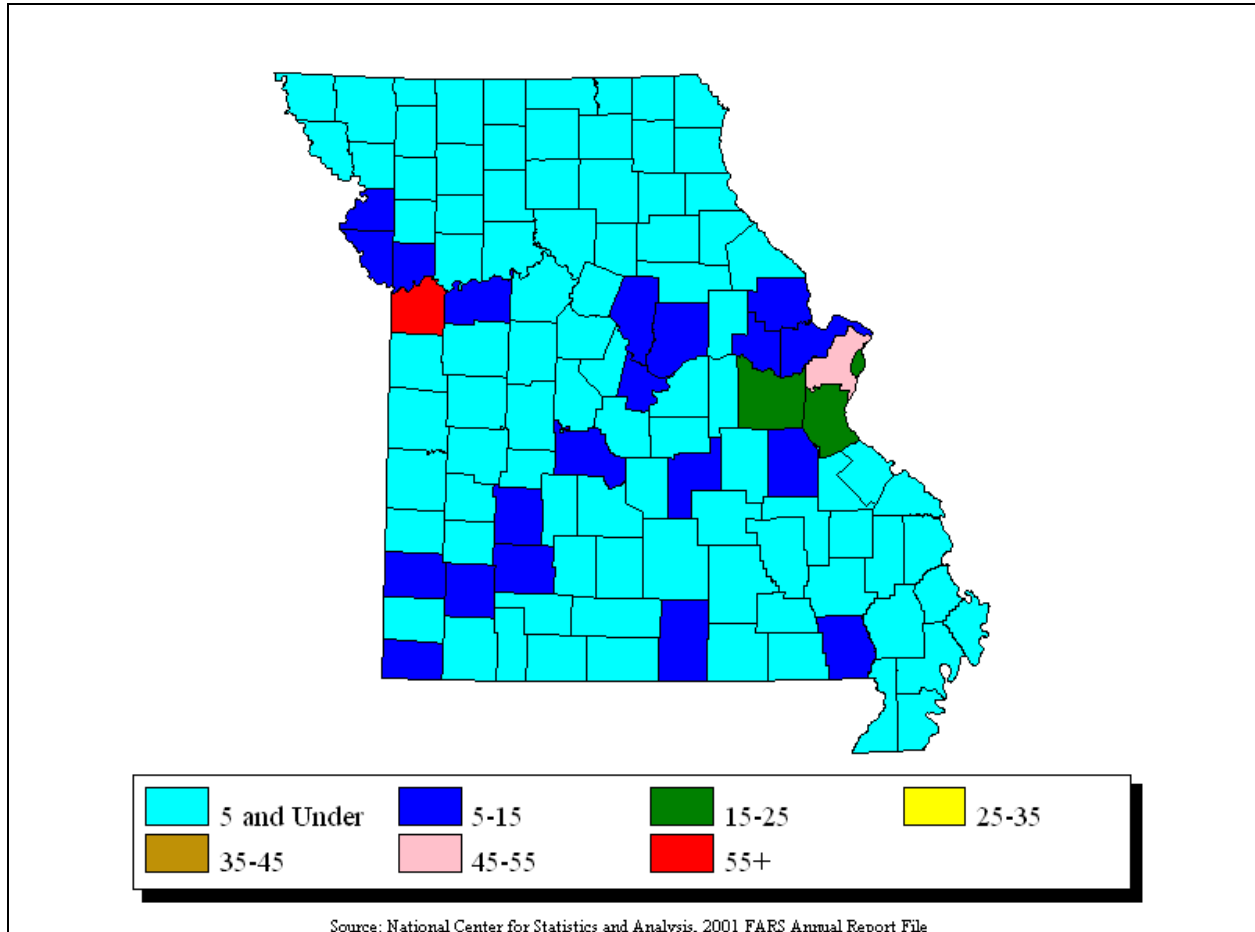
| Change in AR-Rates over time, Missouri vs. US |          |      |
|---|----------|------|
| Time Period                                   | Missouri | US   |
| 1982 to 2001                                  | -44%     | -62% |
| Last 10 years                                 | -24%     | -32% |
| Last 5 years                                  | -18%     | -11% |
| Last 3 Years                                  | -3%      | 0%   |
| Last 1 Year                                   | 0%       | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.10            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (09/29/01) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 254        | 171     | 67 | 3.81          | 2.56    |
| 1983 | 286        | 184     | 64 | 3.98          | 2.56    |
| 1984 | 238        | 145     | 61 | 3.22          | 1.96    |
| 1985 | 223        | 154     | 69 | 3.03          | 2.09    |
| 1986 | 222        | 122     | 55 | 2.87          | 1.58    |
| 1987 | 234        | 143     | 61 | 2.90          | 1.77    |
| 1988 | 198        | 117     | 59 | 2.43          | 1.44    |
| 1989 | 181        | 94      | 52 | 2.19          | 1.14    |
| 1990 | 212        | 119     | 56 | 2.54          | 1.43    |
| 1991 | 200        | 112     | 56 | 2.41          | 1.35    |
| 1992 | 192        | 104     | 54 | 2.25          | 1.22    |
| 1993 | 195        | 115     | 59 | 2.24          | 1.32    |
| 1994 | 202        | 104     | 52 | 2.22          | 1.14    |
| 1995 | 215        | 95      | 44 | 2.28          | 1.01    |
| 1996 | 200        | 78      | 39 | 2.12          | 0.83    |
| 1997 | 265        | 124     | 47 | 2.82          | 1.32    |
| 1998 | 237        | 105     | 44 | 2.47          | 1.10    |
| 1999 | 220        | 109     | 49 | 2.24          | 1.11    |
| 2000 | 237        | 117     | 49 | 2.40          | 1.18    |
| 2001 | 230        | 104     | 45 | 2.30          | 1.04    |

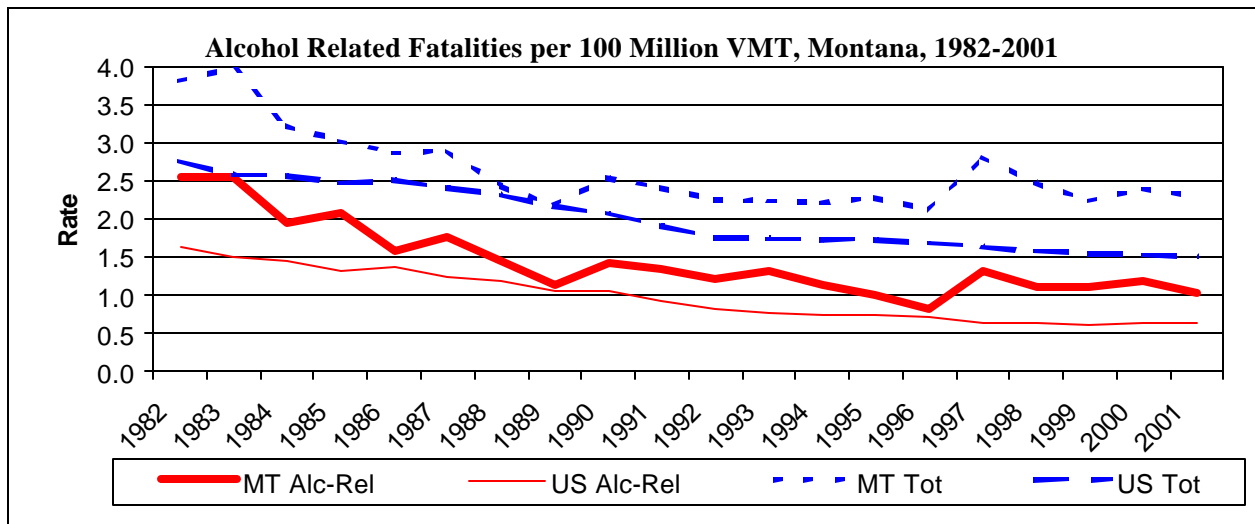
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# MONTANA

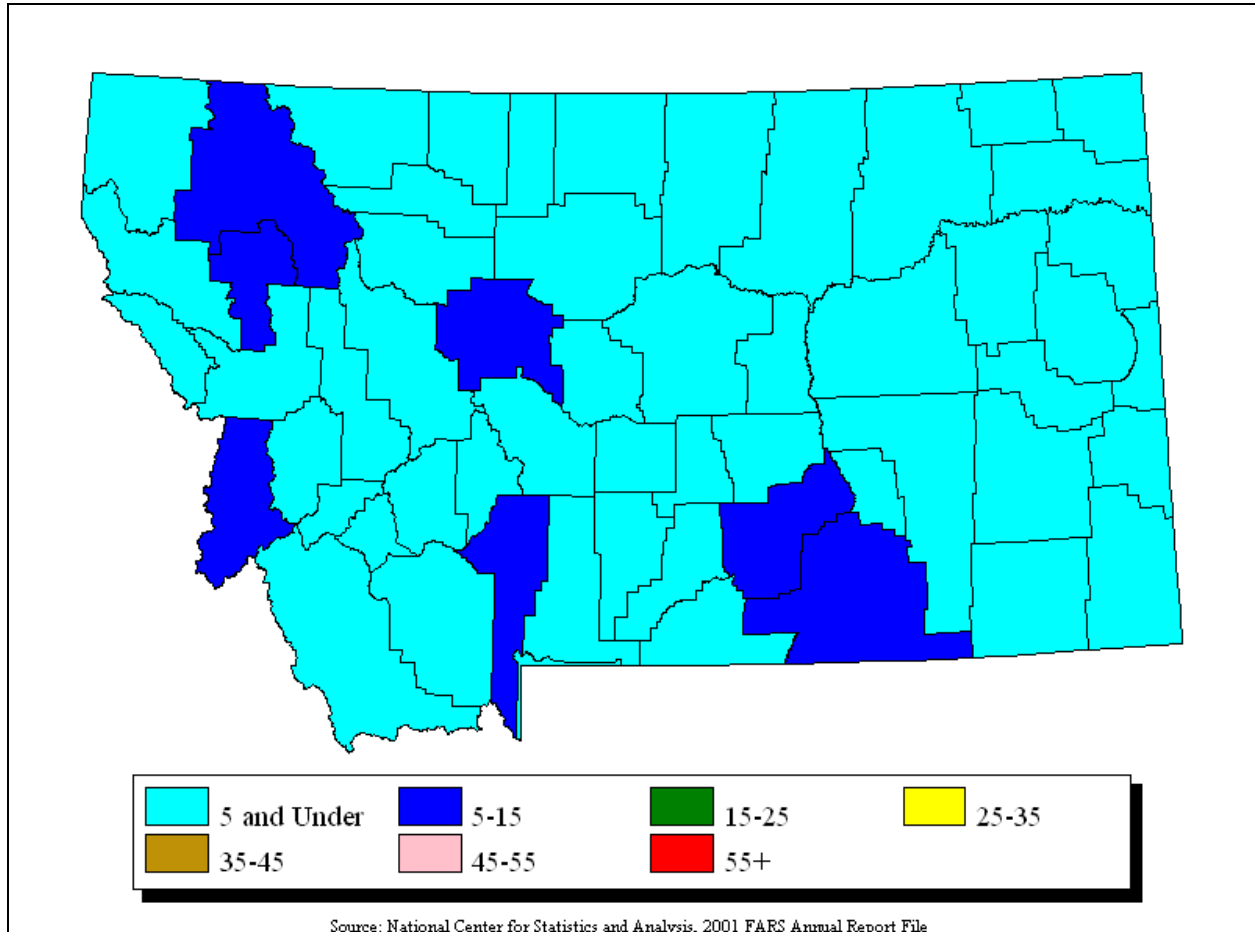
| Change in AR-Rates over time, Montana vs. US |         |      |
|--|---------|------|
| Time Period                                  | Montana | US   |
| 1982 to 2001                                 | -59%    | -62% |
| Last 10 years                                | -23%    | -32% |
| Last 5 years                                 | 25%     | -11% |
| Last 3 Years                                 | -5%     | 0%   |
| Last 1 Year                                  | -12%    | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | -         |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 261        | 131     | 50 | 2.28          | 1.15    |
| 1983 | 255        | 125     | 49 | 2.21          | 1.08    |
| 1984 | 285        | 133     | 47 | 2.38          | 1.11    |
| 1985 | 237        | 101     | 43 | 1.97          | 0.84    |
| 1986 | 290        | 141     | 49 | 2.30          | 1.12    |
| 1987 | 297        | 130     | 44 | 2.27          | 0.99    |
| 1988 | 261        | 135     | 52 | 1.95          | 1.01    |
| 1989 | 296        | 118     | 40 | 2.15          | 0.86    |
| 1990 | 262        | 110     | 42 | 1.88          | 0.79    |
| 1991 | 275        | 118     | 43 | 1.95          | 0.84    |
| 1992 | 269        | 91      | 34 | 1.84          | 0.62    |
| 1993 | 254        | 106     | 42 | 1.72          | 0.72    |
| 1994 | 271        | 117     | 43 | 1.75          | 0.76    |
| 1995 | 254        | 94      | 37 | 1.61          | 0.59    |
| 1996 | 293        | 102     | 35 | 1.80          | 0.63    |
| 1997 | 302        | 108     | 36 | 1.77          | 0.63    |
| 1998 | 315        | 120     | 38 | 1.79          | 0.68    |
| 1999 | 295        | 126     | 43 | 1.64          | 0.70    |
| 2000 | 276        | 104     | 38 | 1.53          | 0.58    |
| 2001 | 246        | 96      | 39 | 1.36          | 0.53    |

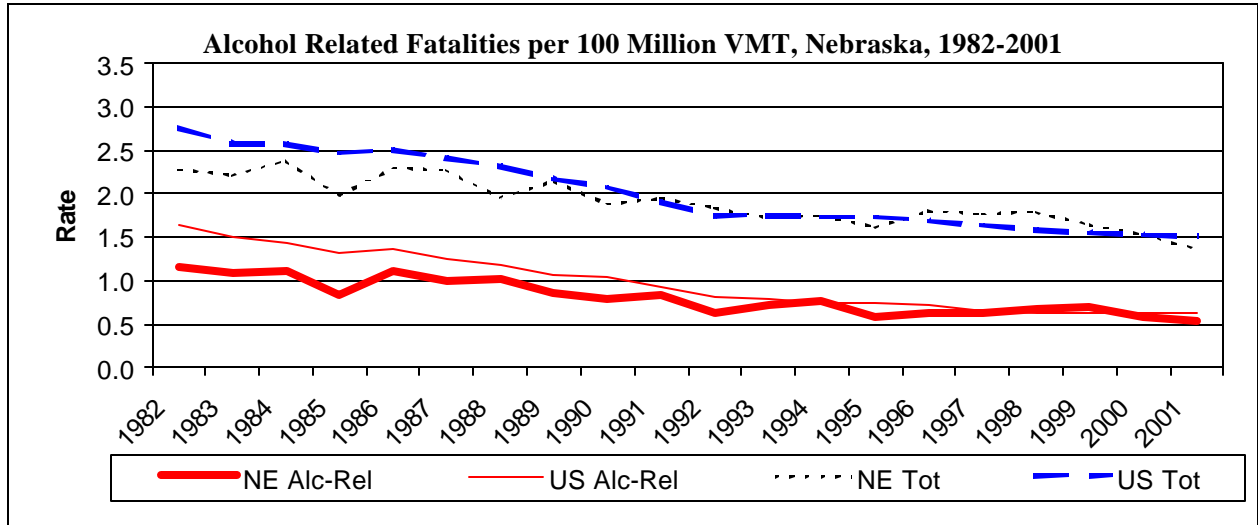
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# NEBRASKA

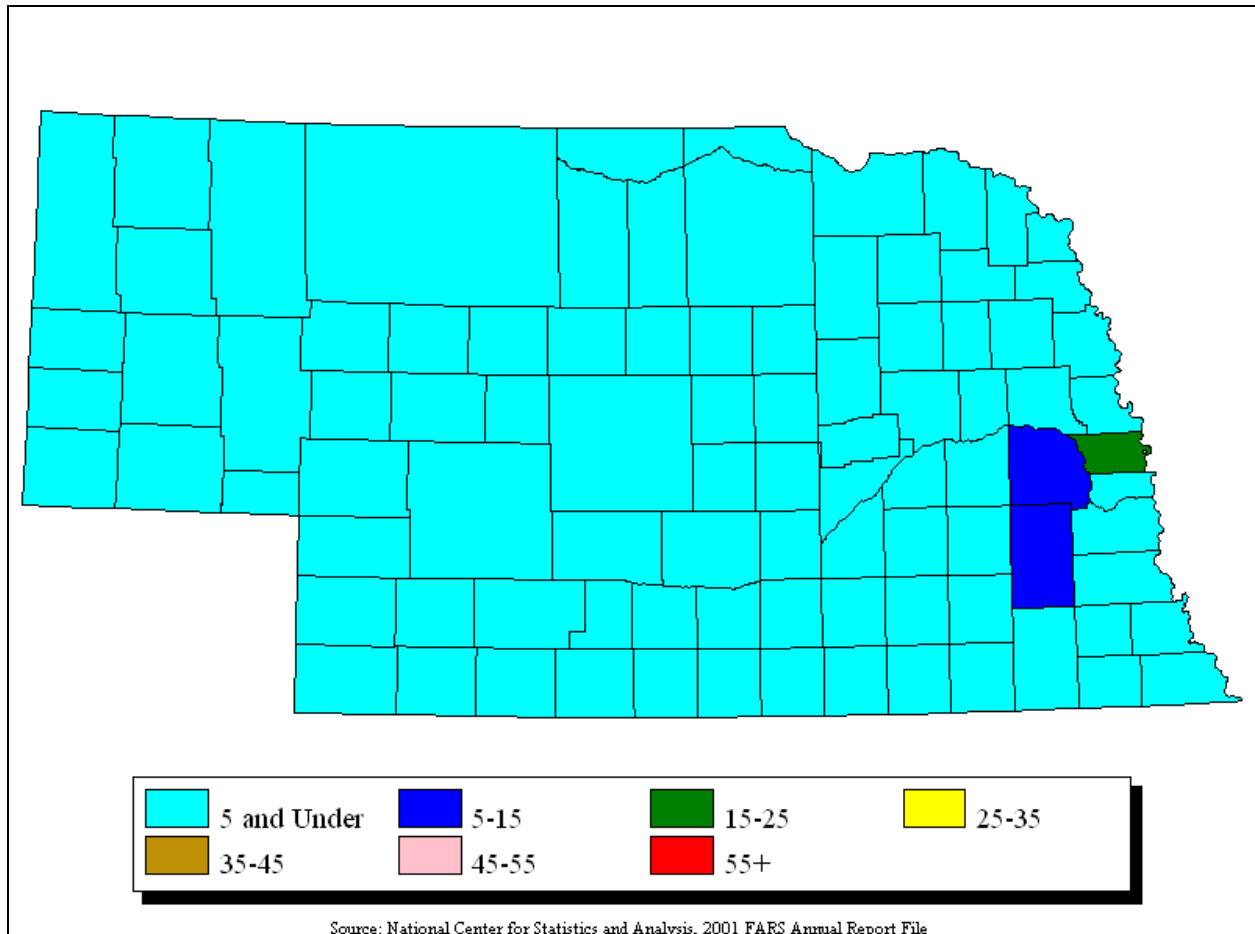
| Change in AR-Rates over time, Nebraska vs. US |          |      |
|---|----------|------|
| Time Period                                   | Nebraska | US   |
| 1982 to 2001                                  | -54%     | -62% |
| Last 10 years                                 | -37%     | -32% |
| Last 5 years                                  | -16%     | -11% |
| Last 3 Years                                  | -22%     | 0%   |
| Last 1 Year                                   | -9%      | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.10            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (09/01/01) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 280        | 191     | 68 | 4.37          | 2.98    |
| 1983 | 253        | 152     | 60 | 3.68          | 2.21    |
| 1984 | 249        | 135     | 54 | 3.40          | 1.84    |
| 1985 | 259        | 148     | 57 | 3.42          | 1.96    |
| 1986 | 233        | 135     | 58 | 2.92          | 1.69    |
| 1987 | 262        | 151     | 58 | 3.12          | 1.80    |
| 1988 | 286        | 162     | 57 | 3.18          | 1.80    |
| 1989 | 308        | 172     | 56 | 3.28          | 1.83    |
| 1990 | 343        | 203     | 59 | 3.36          | 1.99    |
| 1991 | 298        | 165     | 55 | 2.84          | 1.57    |
| 1992 | 254        | 125     | 49 | 2.33          | 1.15    |
| 1993 | 263        | 121     | 46 | 2.26          | 1.04    |
| 1994 | 294        | 144     | 49 | 2.26          | 1.11    |
| 1995 | 313        | 148     | 47 | 2.24          | 1.06    |
| 1996 | 348        | 170     | 49 | 2.18          | 1.06    |
| 1997 | 347        | 155     | 45 | 2.13          | 0.95    |
| 1998 | 361        | 176     | 49 | 2.09          | 1.02    |
| 1999 | 350        | 153     | 44 | 2.01          | 0.88    |
| 2000 | 323        | 140     | 43 | 1.83          | 0.79    |
| 2001 | 313        | 133     | 42 | 1.71          | 0.73    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## NEVADA

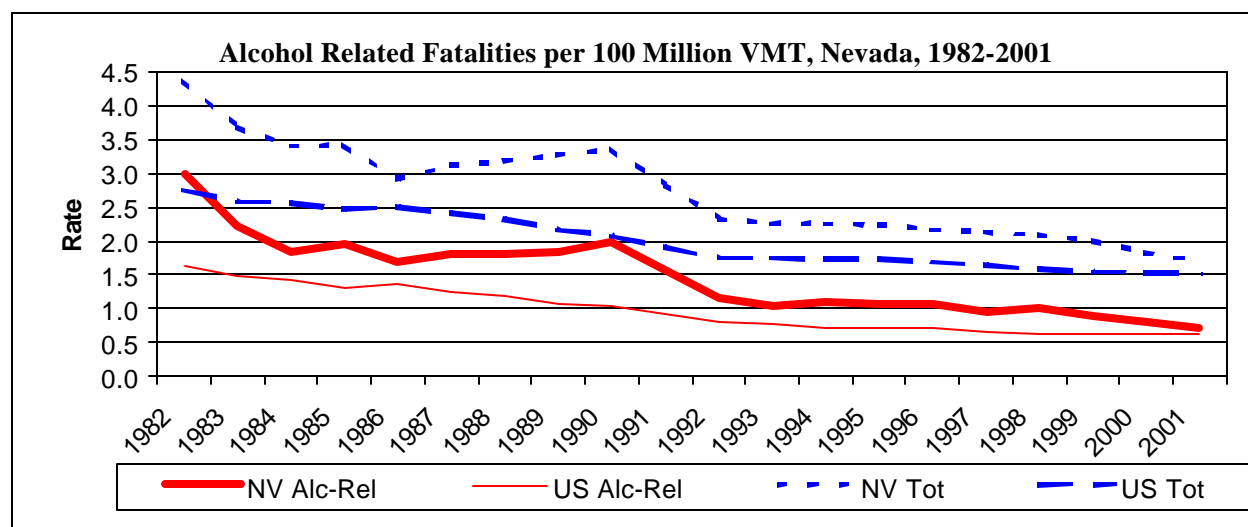
### Change in AR-Rates over time, Nevada vs. US

| Time Period   | Nevada | US   |
|---------------|--------|------|
| 1982 to 2001  | -76%   | -62% |
| Last 10 years | -54%   | -32% |
| Last 5 years  | -31%   | -11% |
| Last 3 Years  | -28%   | 0%   |
| Last 1 Year   | -8%    | 0%   |

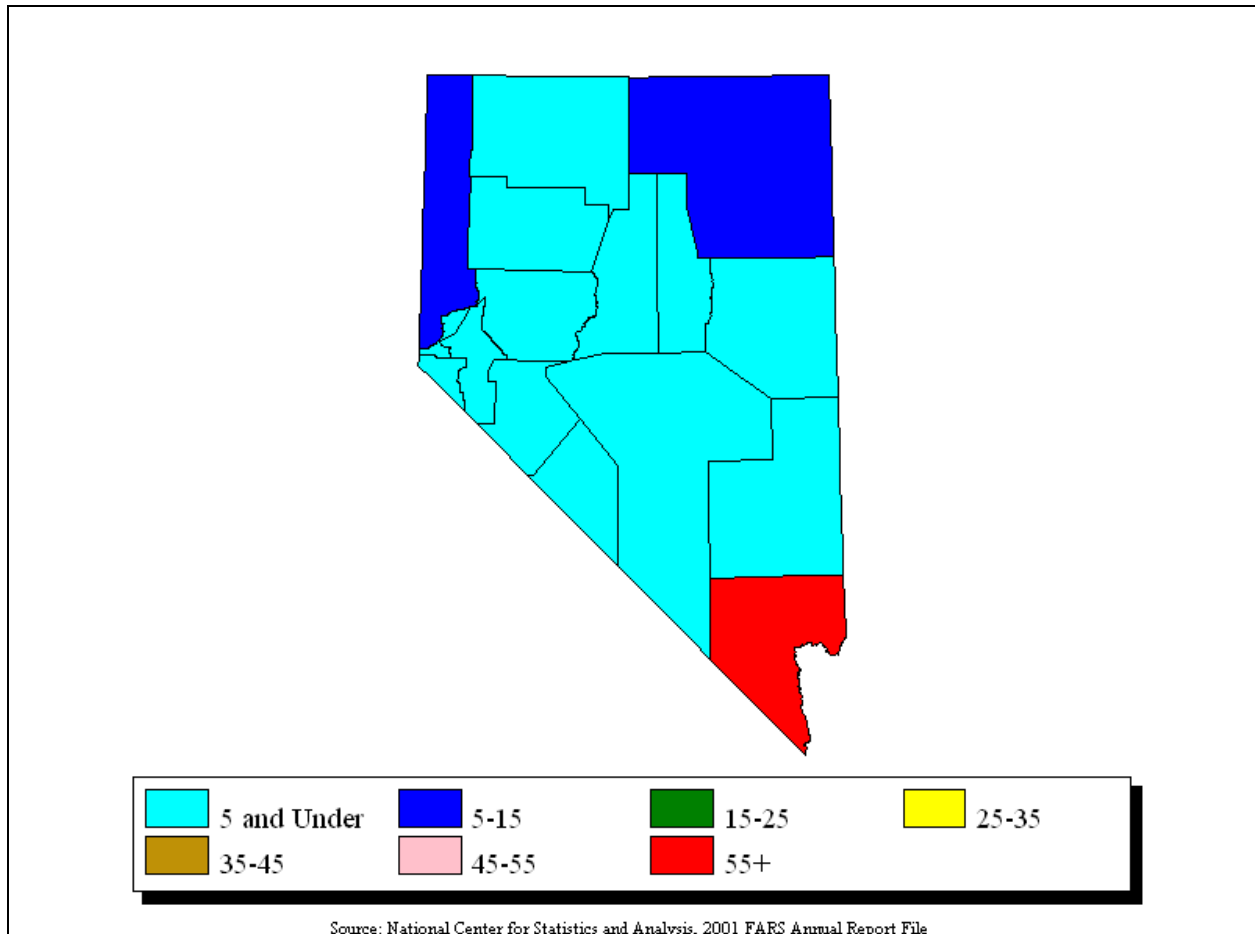
### Impaired Driving Legislations\*

| Law                                       | BAC Level |
|---|-----------|
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 173        | 111     | 64 | 2.48          | 1.59    |
| 1983 | 191        | 103     | 54 | 2.66          | 1.43    |
| 1984 | 192        | 109     | 57 | 2.63          | 1.49    |
| 1985 | 191        | 132     | 69 | 2.53          | 1.75    |
| 1986 | 172        | 139     | 81 | 2.17          | 1.76    |
| 1987 | 179        | 93      | 52 | 1.95          | 1.01    |
| 1988 | 166        | 84      | 51 | 1.73          | 0.88    |
| 1989 | 187        | 93      | 50 | 1.90          | 0.95    |
| 1990 | 158        | 77      | 48 | 1.61          | 0.78    |
| 1991 | 144        | 67      | 46 | 1.45          | 0.67    |
| 1992 | 122        | 40      | 32 | 1.21          | 0.40    |
| 1993 | 121        | 52      | 43 | 1.17          | 0.50    |
| 1994 | 119        | 50      | 42 | 1.13          | 0.48    |
| 1995 | 118        | 47      | 39 | 1.11          | 0.44    |
| 1996 | 134        | 47      | 35 | 1.22          | 0.43    |
| 1997 | 125        | 60      | 48 | 1.12          | 0.54    |
| 1998 | 128        | 63      | 49 | 1.11          | 0.54    |
| 1999 | 140        | 66      | 47 | 1.18          | 0.55    |
| 2000 | 126        | 49      | 39 | 1.05          | 0.41    |
| 2001 | 142        | 70      | 49 | 1.15          | 0.57    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## NEW HAMPSHIRE

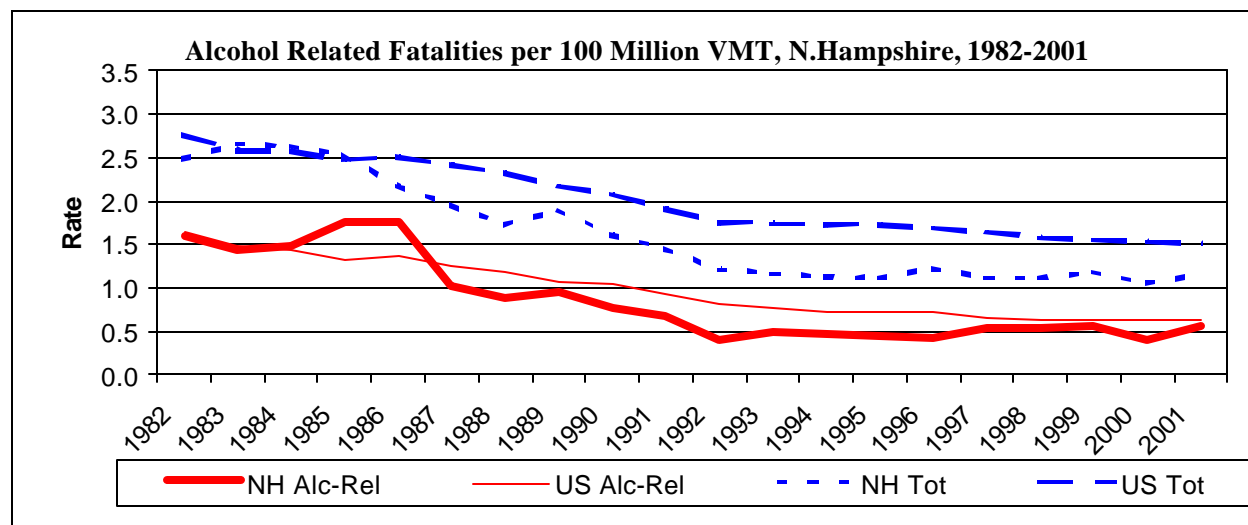
### Change in AR-Rates over time, New Hampshire vs. US

| Time Period   | N.Hampshire | US   |
|---------------|-------------|------|
| 1982 to 2001  | -64%        | -62% |
| Last 10 years | -15%        | -32% |
| Last 5 years  | 33%         | -11% |
| Last 3 Years  | 6%          | 0%   |
| Last 1 Year   | 39%         | 0%   |

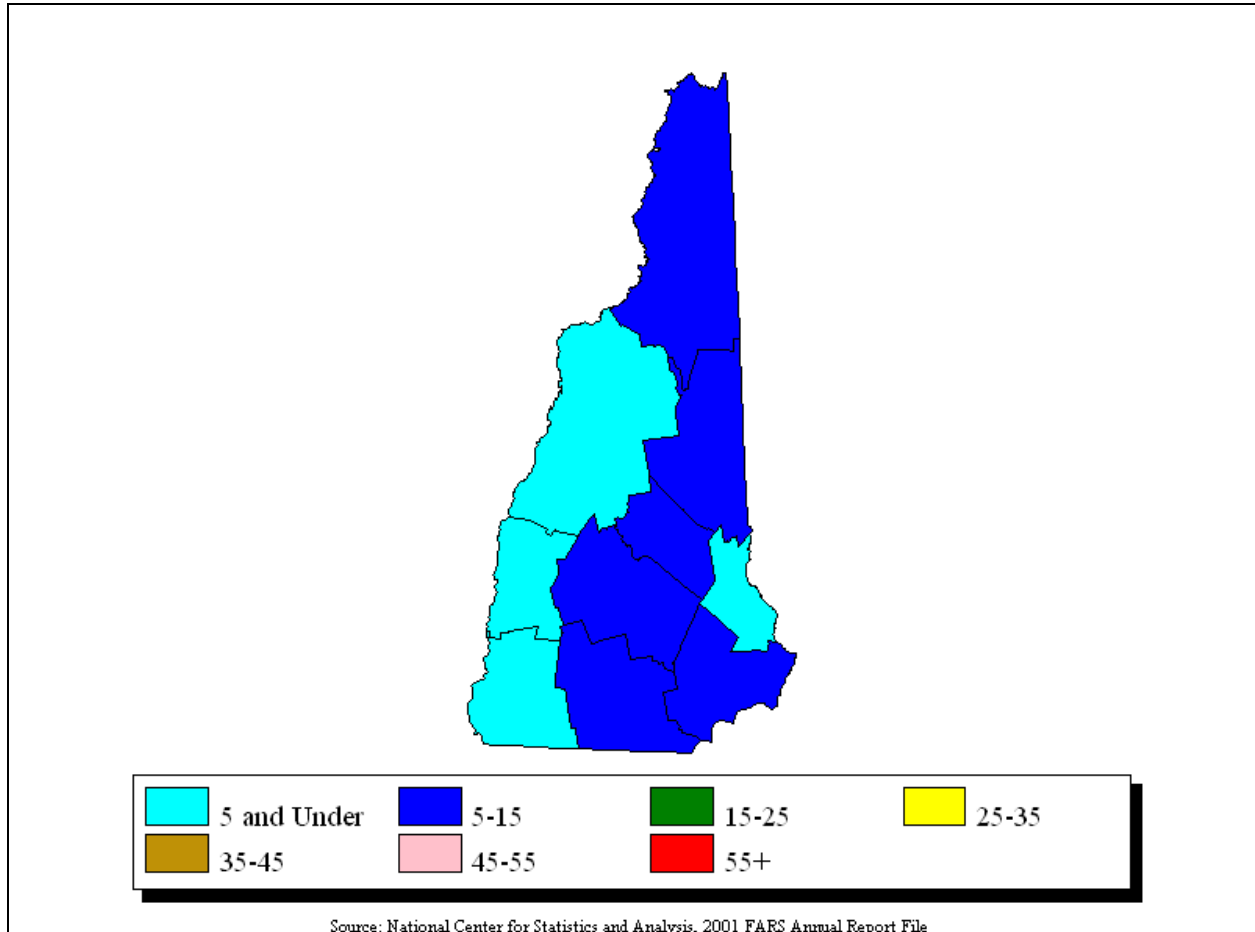
### Impaired Driving Legislations\*

| Law                                       | BAC Level       |
|---|-----------------|
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (01/01/94) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Source: National Center for Statistics and Analysis, 2001 FARS Annual Report File



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,061      | 622     | 59 | 2.04          | 1.20    |
| 1983 | 932        | 494     | 53 | 1.78          | 0.95    |
| 1984 | 922        | 451     | 49 | 1.76          | 0.86    |
| 1985 | 964        | 479     | 50 | 1.83          | 0.91    |
| 1986 | 1,039      | 490     | 47 | 1.87          | 0.88    |
| 1987 | 1,023      | 435     | 43 | 1.79          | 0.76    |
| 1988 | 1,051      | 457     | 43 | 1.79          | 0.78    |
| 1989 | 891        | 384     | 43 | 1.49          | 0.64    |
| 1990 | 886        | 366     | 41 | 1.50          | 0.62    |
| 1991 | 783        | 320     | 41 | 1.32          | 0.54    |
| 1992 | 763        | 280     | 37 | 1.28          | 0.47    |
| 1993 | 789        | 290     | 37 | 1.32          | 0.49    |
| 1994 | 761        | 289     | 38 | 1.26          | 0.48    |
| 1995 | 774        | 277     | 36 | 1.27          | 0.45    |
| 1996 | 814        | 283     | 35 | 1.31          | 0.45    |
| 1997 | 775        | 278     | 36 | 1.22          | 0.44    |
| 1998 | 741        | 267     | 36 | 1.15          | 0.41    |
| 1999 | 726        | 283     | 39 | 1.11          | 0.43    |
| 2000 | 731        | 322     | 44 | 1.08          | 0.48    |
| 2001 | 747        | 297     | 40 | 1.09          | 0.43    |

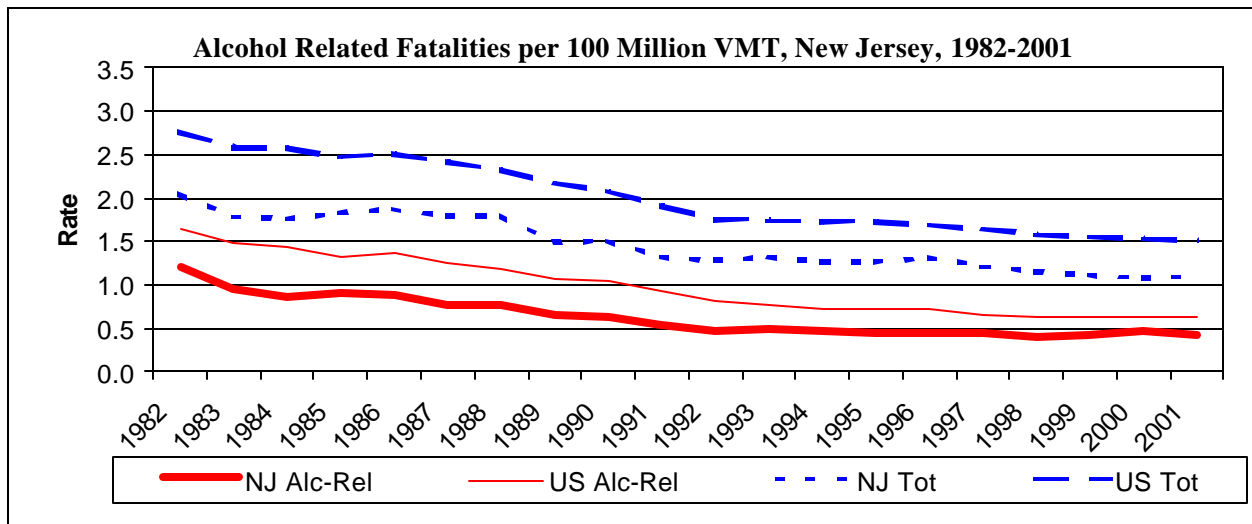
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**NEW JERSEY**

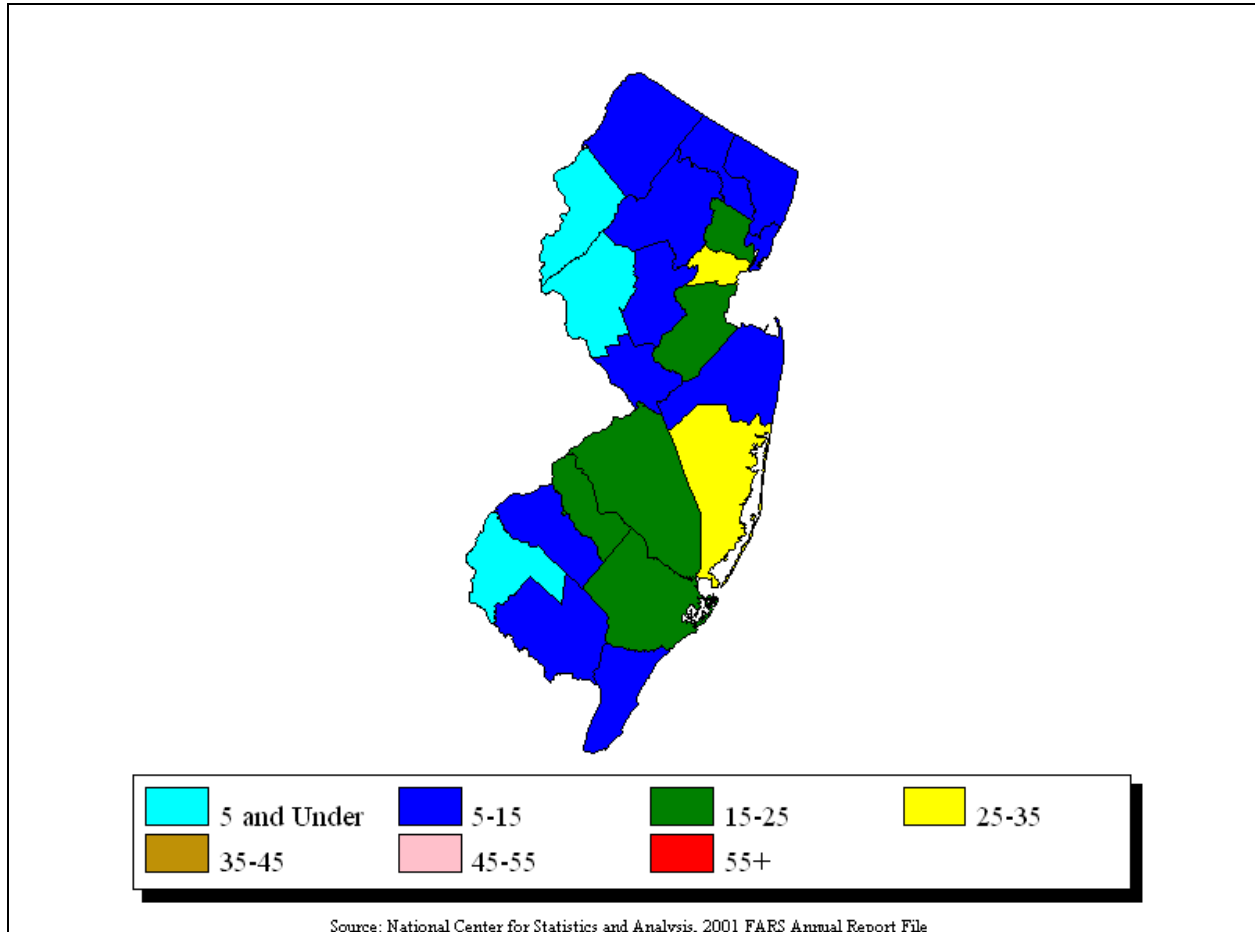
| Change in AR-Rates over time, New Jersey vs. US |            |      |
|---|------------|------|
| Time Period                                     | New Jersey | US   |
| 1982 to 2001                                    | -64%       | -62% |
| Last 10 years                                   | -20%       | -32% |
| Last 5 years                                    | -4%        | -11% |
| Last 3 Years                                    | 5%         | 0%   |
| Last 1 Year                                     | -10%       | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | None      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.01      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 577        | 375     | 65 | 4.87          | 3.16    |
| 1983 | 531        | 350     | 66 | 4.55          | 3.00    |
| 1984 | 497        | 326     | 66 | 3.85          | 2.53    |
| 1985 | 535        | 320     | 60 | 4.03          | 2.41    |
| 1986 | 499        | 322     | 65 | 3.79          | 2.44    |
| 1987 | 568        | 373     | 66 | 3.76          | 2.47    |
| 1988 | 487        | 332     | 68 | 3.19          | 2.17    |
| 1989 | 538        | 321     | 60 | 3.40          | 2.03    |
| 1990 | 499        | 323     | 65 | 3.09          | 2.00    |
| 1991 | 469        | 270     | 58 | 2.80          | 1.61    |
| 1992 | 460        | 285     | 62 | 2.49          | 1.54    |
| 1993 | 431        | 254     | 59 | 2.28          | 1.34    |
| 1994 | 447        | 240     | 54 | 2.18          | 1.17    |
| 1995 | 485        | 240     | 49 | 2.29          | 1.13    |
| 1996 | 485        | 247     | 51 | 2.25          | 1.15    |
| 1997 | 484        | 224     | 46 | 2.21          | 1.02    |
| 1998 | 424        | 196     | 46 | 1.91          | 0.88    |
| 1999 | 460        | 206     | 45 | 2.06          | 0.92    |
| 2000 | 432        | 213     | 49 | 1.90          | 0.94    |
| 2001 | 463        | 214     | 46 | 1.99          | 0.92    |

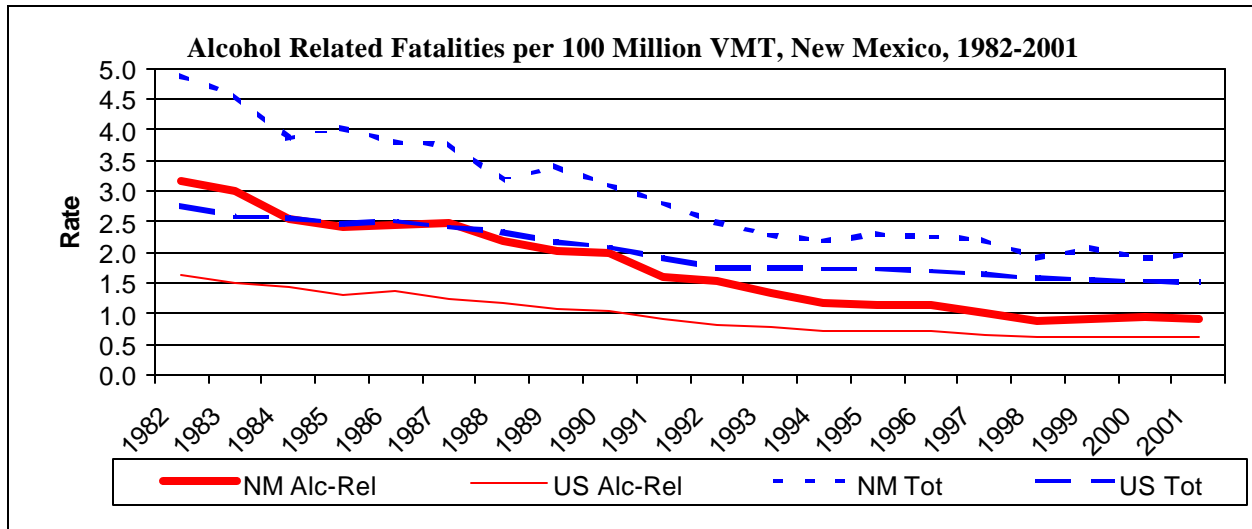
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## NEW MEXICO

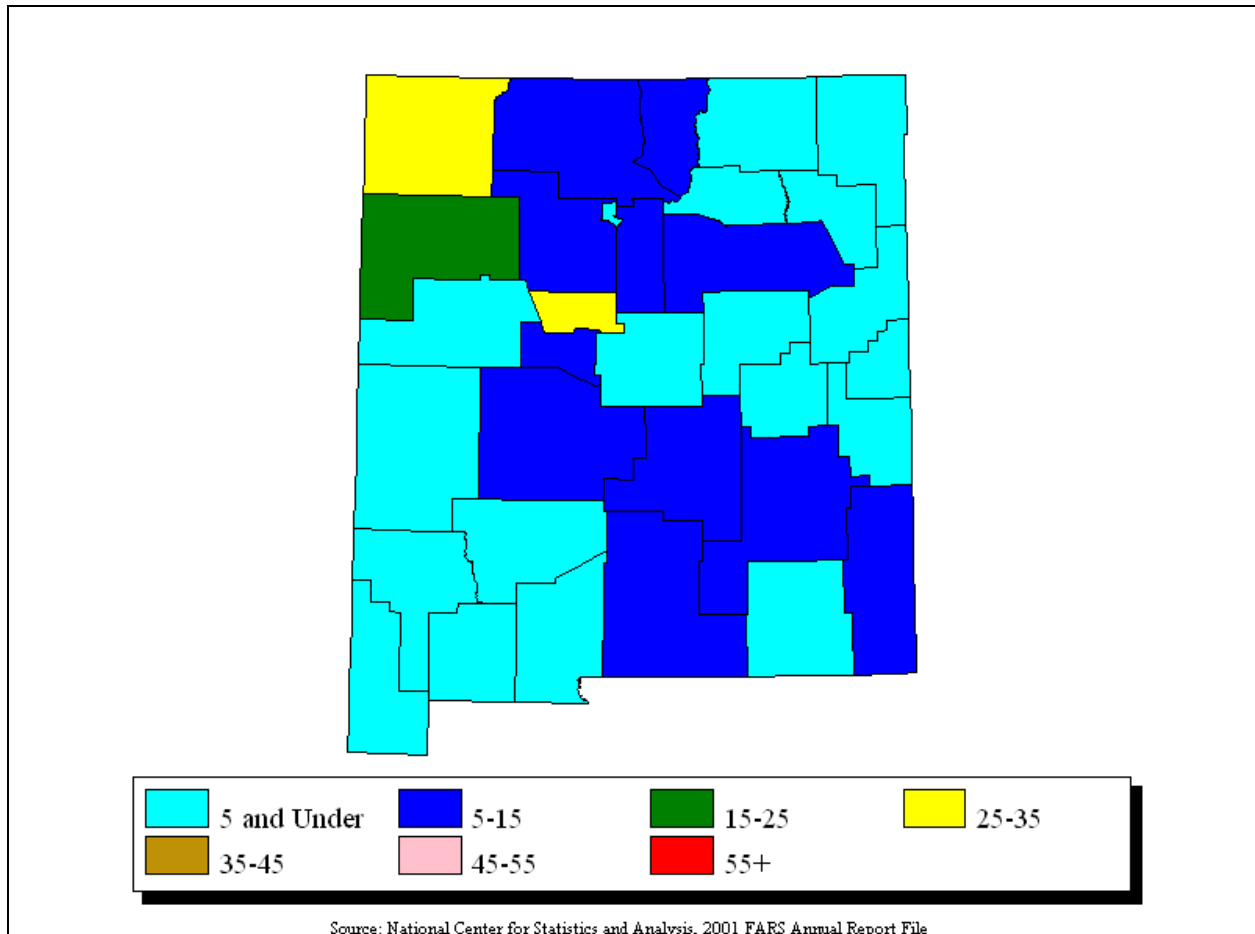
| Change in AR-Rates over time, New Mexico vs. US |            |      |
|---|------------|------|
| Time Period                                     | New Mexico | US   |
| 1982 to 2001                                    | -71%       | -62% |
| Last 10 years                                   | -43%       | -32% |
| Last 5 years                                    | -20%       | -11% |
| Last 3 Years                                    | 5%         | 0%   |
| Last 1 Year                                     | -2%        | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (01/01/94) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 2,162      | 1,131   | 52 | 2.69          | 1.41    |
| 1983 | 2,077      | 1,019   | 49 | 2.48          | 1.22    |
| 1984 | 2,060      | 1,023   | 50 | 2.36          | 1.17    |
| 1985 | 2,006      | 966     | 48 | 2.22          | 1.07    |
| 1986 | 2,121      | 979     | 46 | 2.24          | 1.03    |
| 1987 | 2,339      | 1,081   | 46 | 2.39          | 1.10    |
| 1988 | 2,256      | 946     | 42 | 2.18          | 0.91    |
| 1989 | 2,260      | 924     | 41 | 2.13          | 0.87    |
| 1990 | 2,217      | 952     | 43 | 2.07          | 0.89    |
| 1991 | 2,008      | 787     | 39 | 1.87          | 0.73    |
| 1992 | 1,815      | 676     | 37 | 1.65          | 0.62    |
| 1993 | 1,790      | 650     | 36 | 1.59          | 0.58    |
| 1994 | 1,678      | 560     | 33 | 1.49          | 0.50    |
| 1995 | 1,679      | 577     | 34 | 1.46          | 0.50    |
| 1996 | 1,593      | 557     | 35 | 1.34          | 0.47    |
| 1997 | 1,652      | 512     | 31 | 1.37          | 0.42    |
| 1998 | 1,514      | 451     | 30 | 1.23          | 0.37    |
| 1999 | 1,599      | 483     | 30 | 1.26          | 0.38    |
| 2000 | 1,460      | 476     | 33 | 1.13          | 0.37    |
| 2001 | 1,548      | 498     | 32 | 1.18          | 0.38    |

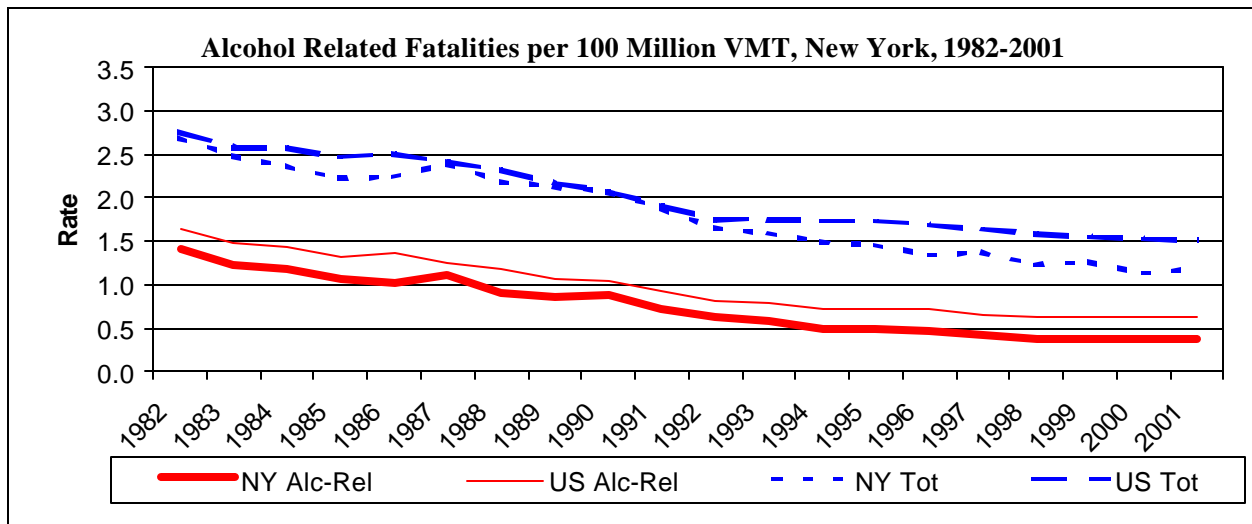
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**NEW YORK**

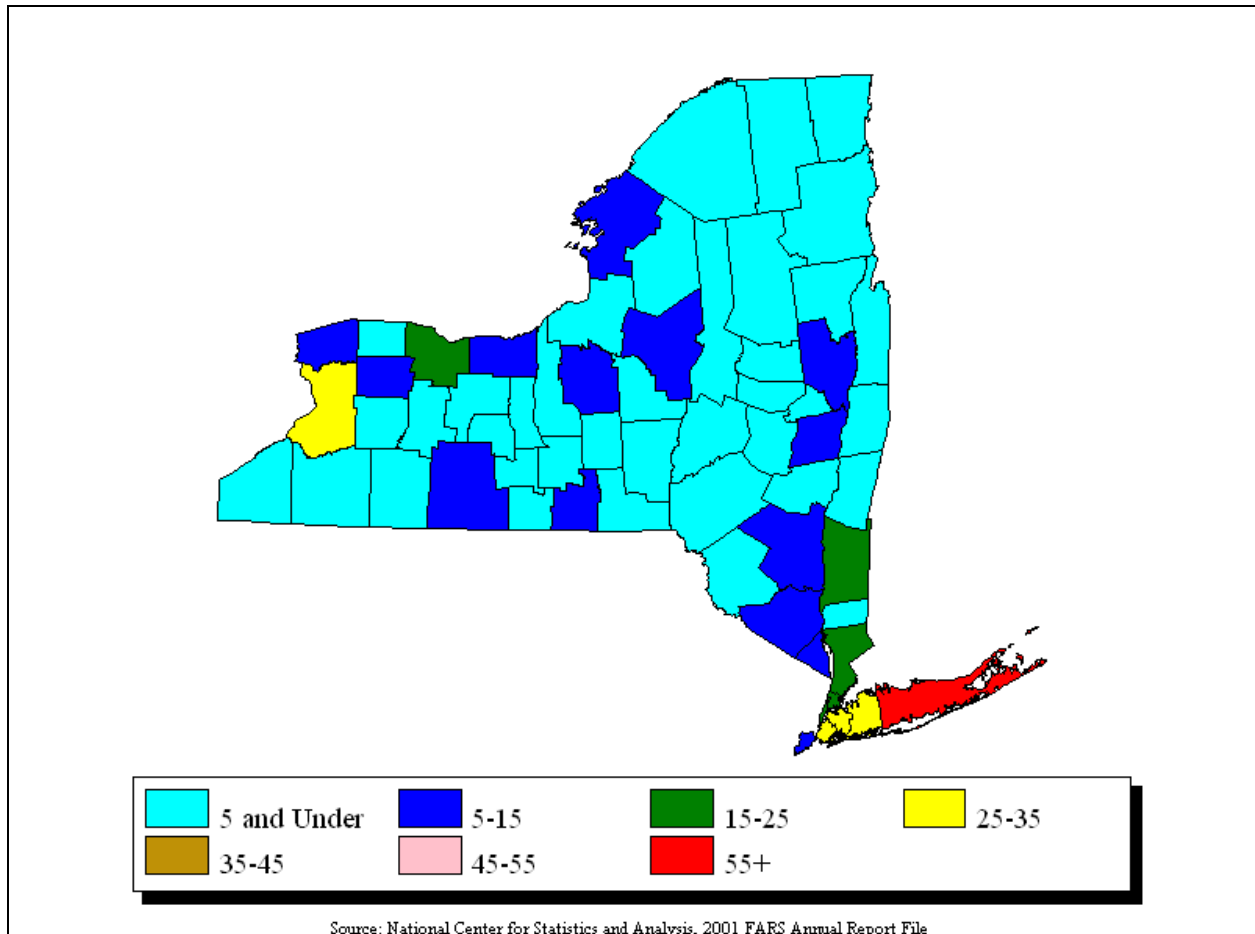
| Change in AR-Rates over time, New York vs. US |          |      |
|---|----------|------|
| Time Period                                   | New York | US   |
| 1982 to 2001                                  | -73%     | -62% |
| Last 10 years                                 | -48%     | -32% |
| Last 5 years                                  | -19%     | -11% |
| Last 3 Years                                  | 3%       | 0%   |
| Last 1 Year                                   | 3%       | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | -         |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,303      | 827     | 63 | 3.02          | 1.92    |
| 1983 | 1,234      | 672     | 54 | 2.74          | 1.49    |
| 1984 | 1,450      | 750     | 52 | 3.01          | 1.56    |
| 1985 | 1,482      | 686     | 46 | 2.97          | 1.37    |
| 1986 | 1,647      | 806     | 49 | 3.12          | 1.52    |
| 1987 | 1,584      | 764     | 48 | 2.90          | 1.40    |
| 1988 | 1,573      | 709     | 45 | 2.71          | 1.22    |
| 1989 | 1,471      | 621     | 42 | 2.40          | 1.01    |
| 1990 | 1,385      | 644     | 46 | 2.21          | 1.03    |
| 1991 | 1,369      | 600     | 44 | 2.11          | 0.92    |
| 1992 | 1,265      | 567     | 45 | 1.87          | 0.84    |
| 1993 | 1,389      | 529     | 38 | 2.00          | 0.76    |
| 1994 | 1,431      | 535     | 37 | 1.99          | 0.74    |
| 1995 | 1,448      | 501     | 35 | 1.90          | 0.66    |
| 1996 | 1,494      | 546     | 37 | 1.89          | 0.69    |
| 1997 | 1,483      | 545     | 37 | 1.81          | 0.67    |
| 1998 | 1,596      | 581     | 36 | 1.87          | 0.68    |
| 1999 | 1,505      | 573     | 38 | 1.71          | 0.65    |
| 2000 | 1,557      | 614     | 39 | 1.74          | 0.69    |
| 2001 | 1,530      | 533     | 35 | 1.67          | 0.58    |

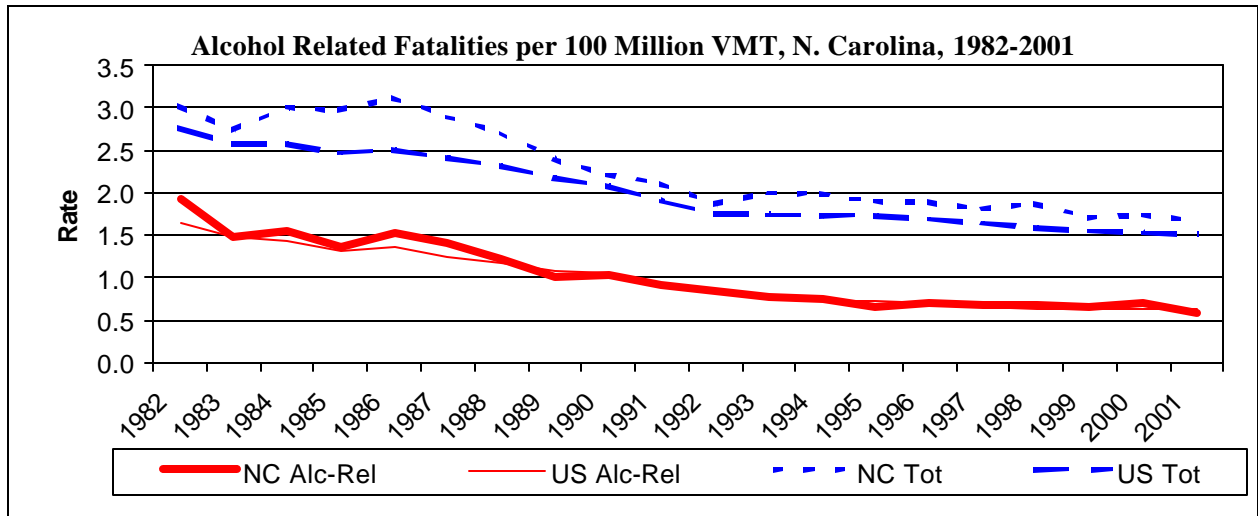
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## NORTH CAROLINA

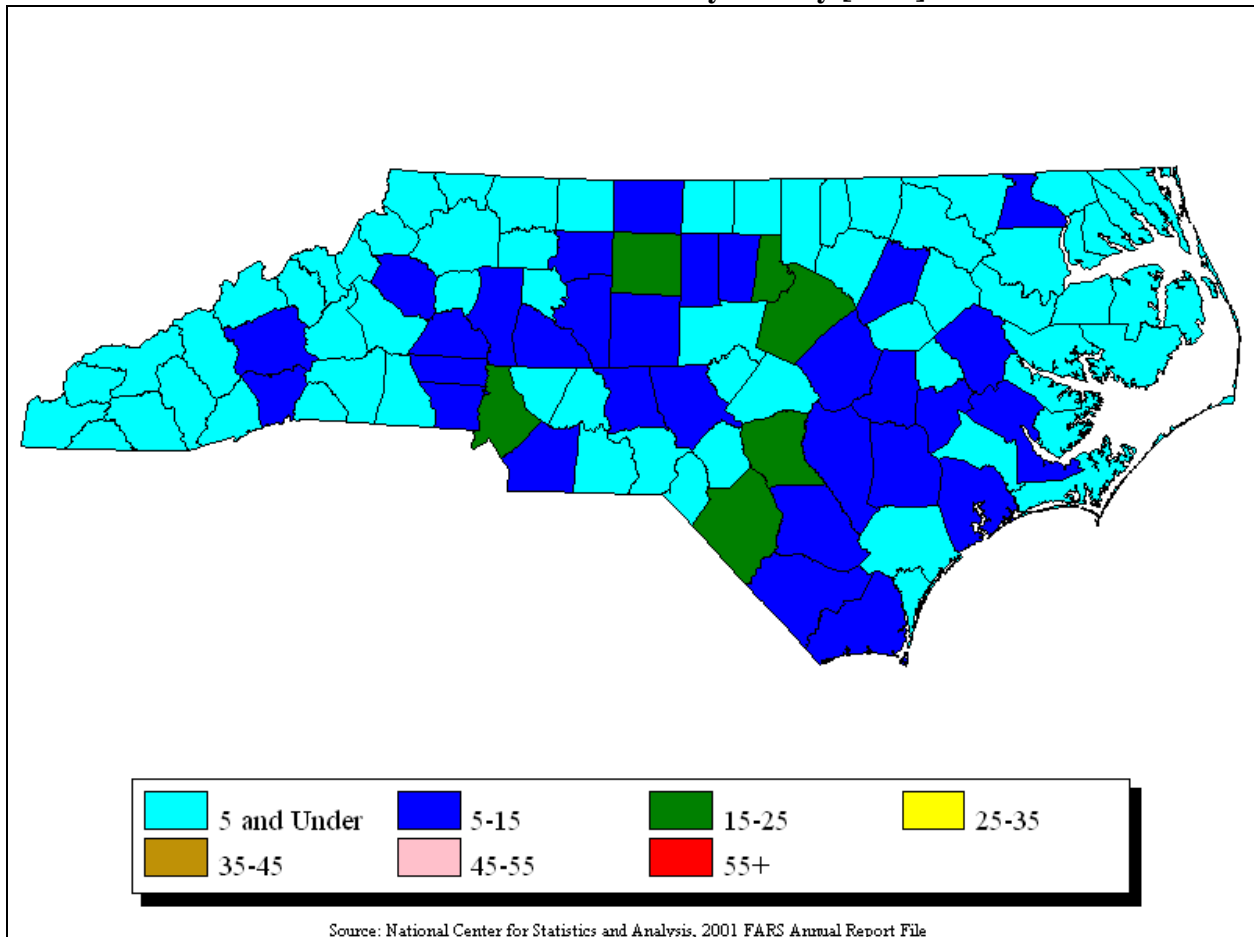
| Change in AR-Rates over time, N. Carolina vs. US |             |      |
|--|-------------|------|
| Time Period                                      | N. Carolina | US   |
| 1982 to 2001                                     | -70%        | -62% |
| Last 10 years                                    | -37%        | -32% |
| Last 5 years                                     | -16%        | -11% |
| Last 3 Years                                     | -15%        | 0%   |
| Last 1 Year                                      | -16%        | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (10/01/93) |
| Youthful (under 21) Offenders BAC Level   | 0.00            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 148        | 97      | 66 | 2.82          | 1.85    |
| 1983 | 116        | 72      | 62 | 2.16          | 1.34    |
| 1984 | 100        | 51      | 51 | 1.86          | 0.95    |
| 1985 | 90         | 54      | 60 | 1.61          | 0.97    |
| 1986 | 100        | 46      | 46 | 1.78          | 0.82    |
| 1987 | 101        | 57      | 56 | 1.78          | 1.00    |
| 1988 | 104        | 55      | 53 | 1.80          | 0.95    |
| 1989 | 81         | 38      | 47 | 1.38          | 0.65    |
| 1990 | 112        | 62      | 55 | 1.90          | 1.05    |
| 1991 | 94         | 51      | 54 | 1.58          | 0.86    |
| 1992 | 88         | 39      | 44 | 1.45          | 0.64    |
| 1993 | 89         | 44      | 49 | 1.45          | 0.71    |
| 1994 | 88         | 46      | 53 | 1.39          | 0.73    |
| 1995 | 74         | 43      | 58 | 1.13          | 0.66    |
| 1996 | 85         | 49      | 58 | 1.26          | 0.73    |
| 1997 | 105        | 54      | 51 | 1.47          | 0.76    |
| 1998 | 92         | 46      | 50 | 1.25          | 0.63    |
| 1999 | 119        | 58      | 49 | 1.64          | 0.80    |
| 2000 | 86         | 41      | 47 | 1.19          | 0.57    |
| 2001 | 105        | 53      | 50 | 1.45          | 0.73    |

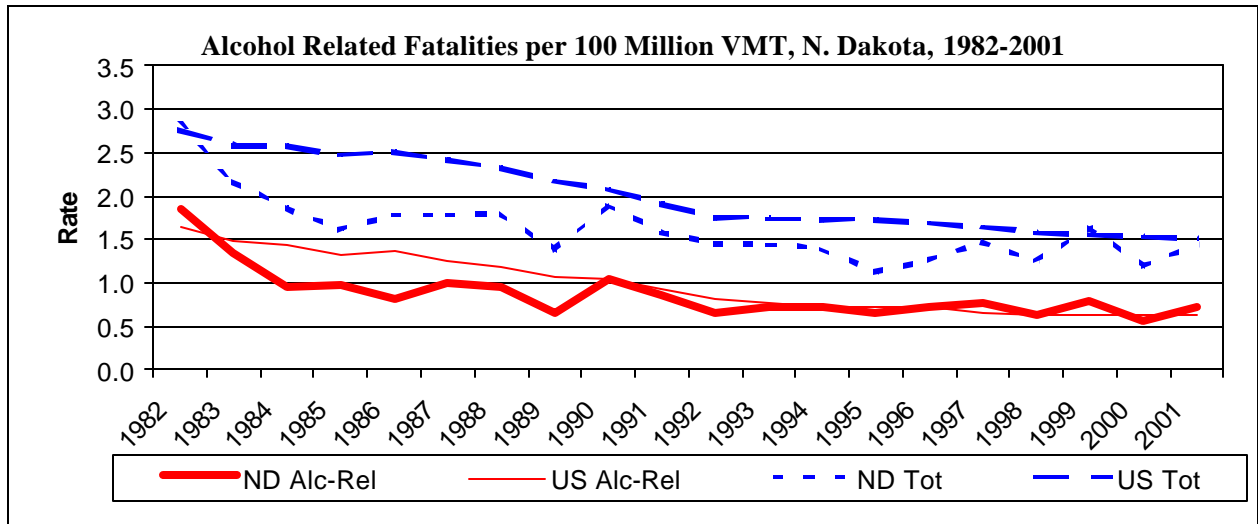
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## NORTH DAKOTA

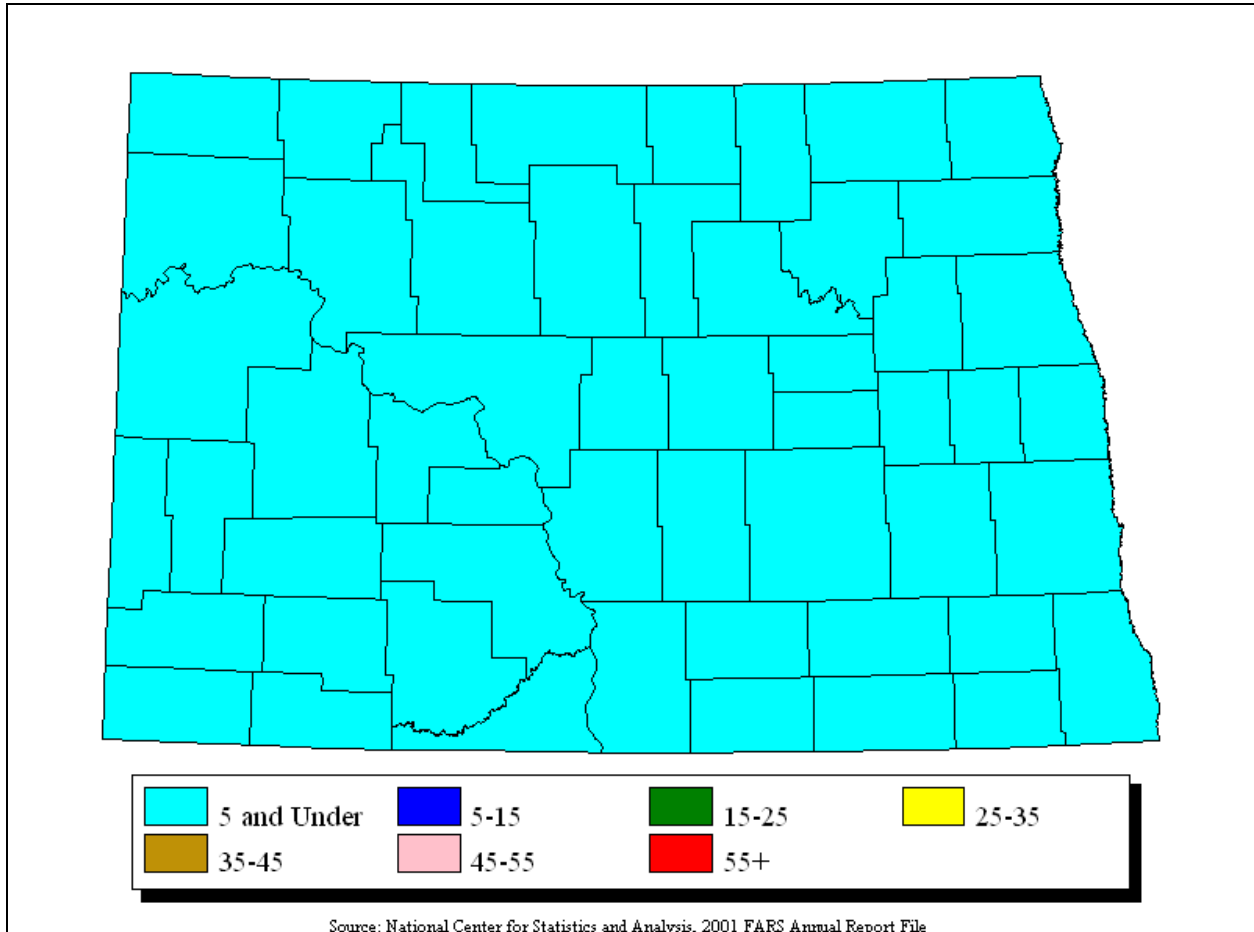
| Change in AR-Rates over time, N. Dakota vs. US |          |      |
|--|----------|------|
| Time Period                                    | N.Dakota | US   |
| 1982 to 2001                                   | -61%     | -62% |
| Last 10 years                                  | -15%     | -32% |
| Last 5 years                                   | 0%       | -11% |
| Last 3 Years                                   | 16%      | 0%   |
| Last 1 Year                                    | 28%      | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,607      | 966     | 60 | 2.24          | 1.35    |
| 1983 | 1,582      | 919     | 58 | 2.16          | 1.26    |
| 1984 | 1,646      | 957     | 58 | 2.20          | 1.28    |
| 1985 | 1,646      | 927     | 56 | 2.18          | 1.23    |
| 1986 | 1,673      | 978     | 58 | 2.17          | 1.27    |
| 1987 | 1,772      | 1,007   | 57 | 2.24          | 1.27    |
| 1988 | 1,748      | 946     | 54 | 2.13          | 1.15    |
| 1989 | 1,772      | 834     | 47 | 2.10          | 0.99    |
| 1990 | 1,638      | 745     | 45 | 1.79          | 0.82    |
| 1991 | 1,636      | 730     | 45 | 1.76          | 0.78    |
| 1992 | 1,439      | 535     | 37 | 1.51          | 0.56    |
| 1993 | 1,478      | 577     | 39 | 1.54          | 0.60    |
| 1994 | 1,370      | 455     | 33 | 1.40          | 0.46    |
| 1995 | 1,360      | 486     | 36 | 1.35          | 0.48    |
| 1996 | 1,391      | 509     | 37 | 1.35          | 0.49    |
| 1997 | 1,441      | 528     | 37 | 1.39          | 0.51    |
| 1998 | 1,422      | 531     | 37 | 1.36          | 0.51    |
| 1999 | 1,430      | 535     | 37 | 1.36          | 0.51    |
| 2000 | 1,366      | 562     | 41 | 1.29          | 0.53    |
| 2001 | 1,378      | 604     | 44 | 1.29          | 0.57    |

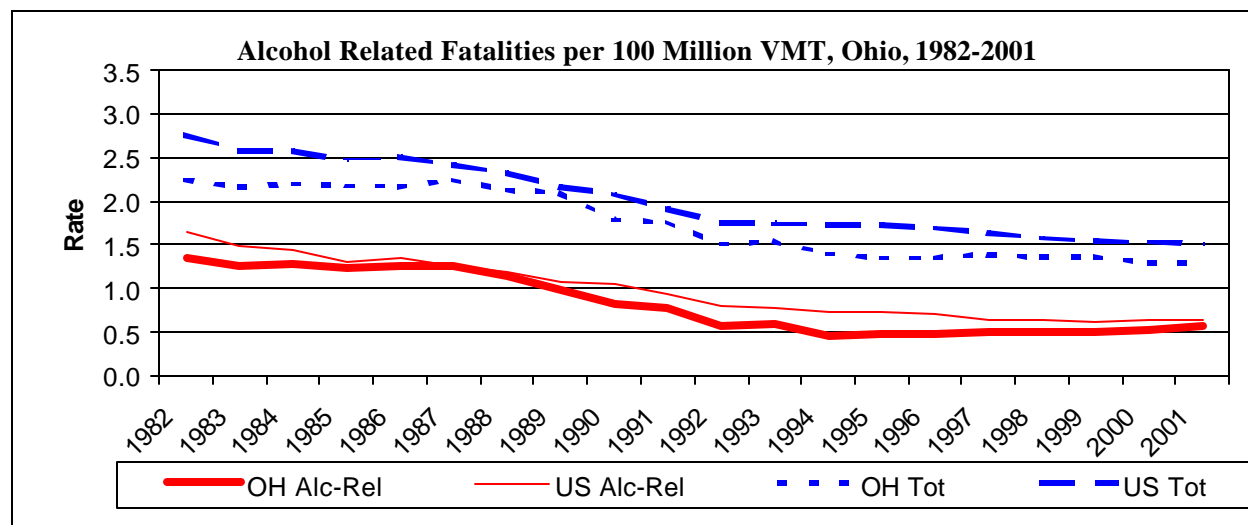
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## OHIO

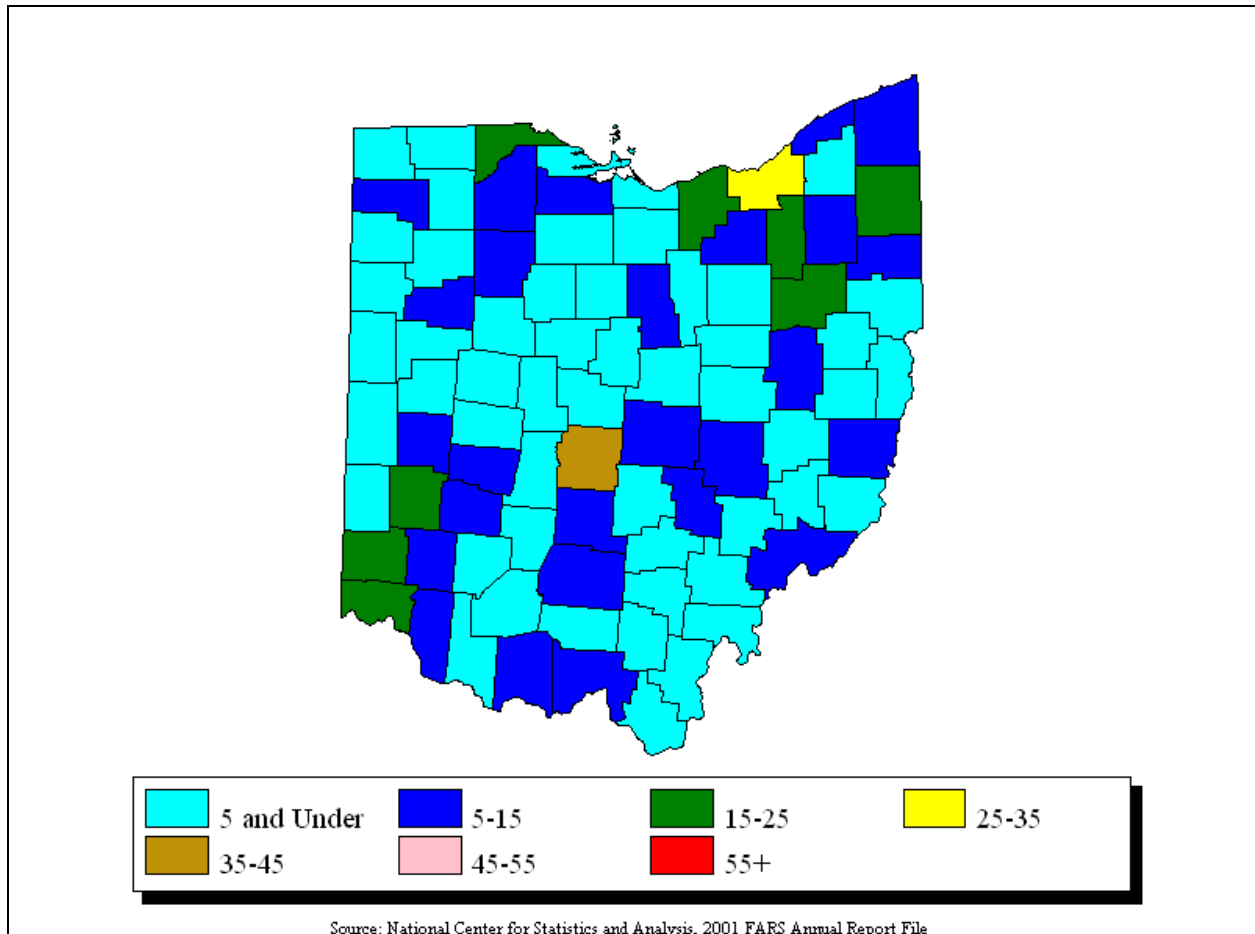
| Change in AR-Rates over time, Ohio vs. US |      |      |
|---|------|------|
| Time Period                               | Ohio | US   |
| 1982 to 2001                              | -58% | -62% |
| Last 10 years                             | -27% | -32% |
| Last 5 years                              | 16%  | -11% |
| Last 3 Years                              | 12%  | 0%   |
| Last 1 Year                               | 8%   | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,054      | 608     | 58 | 3.51          | 2.03    |
| 1983 | 848        | 437     | 52 | 2.87          | 1.48    |
| 1984 | 797        | 382     | 48 | 2.57          | 1.23    |
| 1985 | 744        | 353     | 47 | 2.39          | 1.13    |
| 1986 | 698        | 340     | 49 | 2.26          | 1.10    |
| 1987 | 597        | 254     | 43 | 1.89          | 0.80    |
| 1988 | 638        | 298     | 47 | 1.97          | 0.92    |
| 1989 | 648        | 284     | 44 | 1.97          | 0.86    |
| 1990 | 641        | 284     | 44 | 1.93          | 0.86    |
| 1991 | 652        | 292     | 45 | 1.90          | 0.85    |
| 1992 | 613        | 273     | 45 | 1.75          | 0.78    |
| 1993 | 671        | 284     | 42 | 1.89          | 0.80    |
| 1994 | 687        | 281     | 41 | 1.93          | 0.79    |
| 1995 | 669        | 258     | 39 | 1.74          | 0.67    |
| 1996 | 772        | 295     | 38 | 1.96          | 0.75    |
| 1997 | 838        | 328     | 39 | 2.02          | 0.79    |
| 1998 | 755        | 268     | 35 | 1.80          | 0.64    |
| 1999 | 741        | 258     | 35 | 1.74          | 0.61    |
| 2000 | 650        | 229     | 35 | 1.50          | 0.53    |
| 2001 | 676        | 266     | 39 | 1.55          | 0.61    |

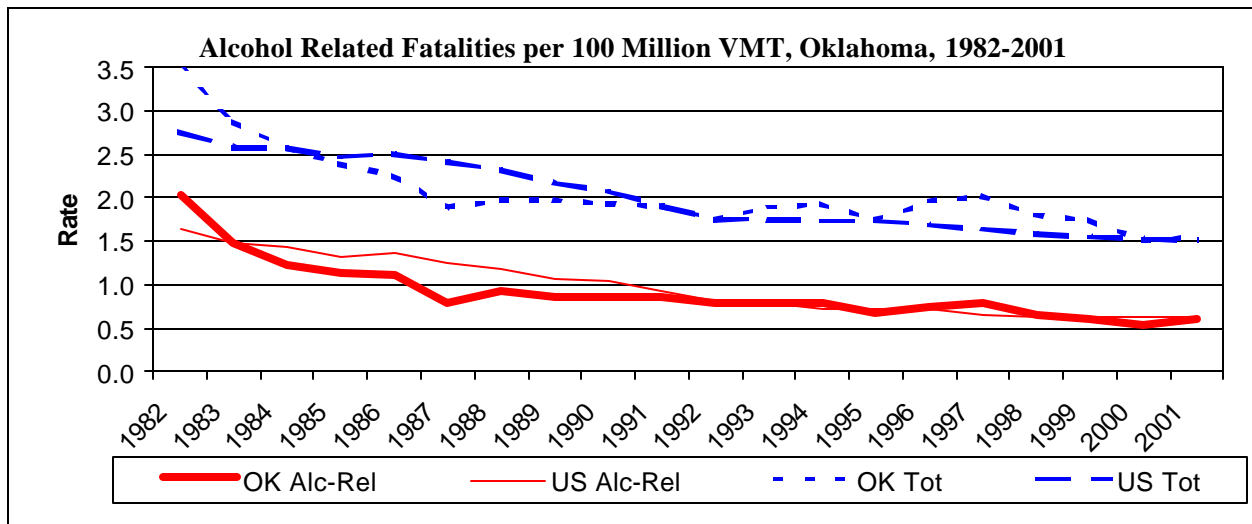
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# OKLAHOMA

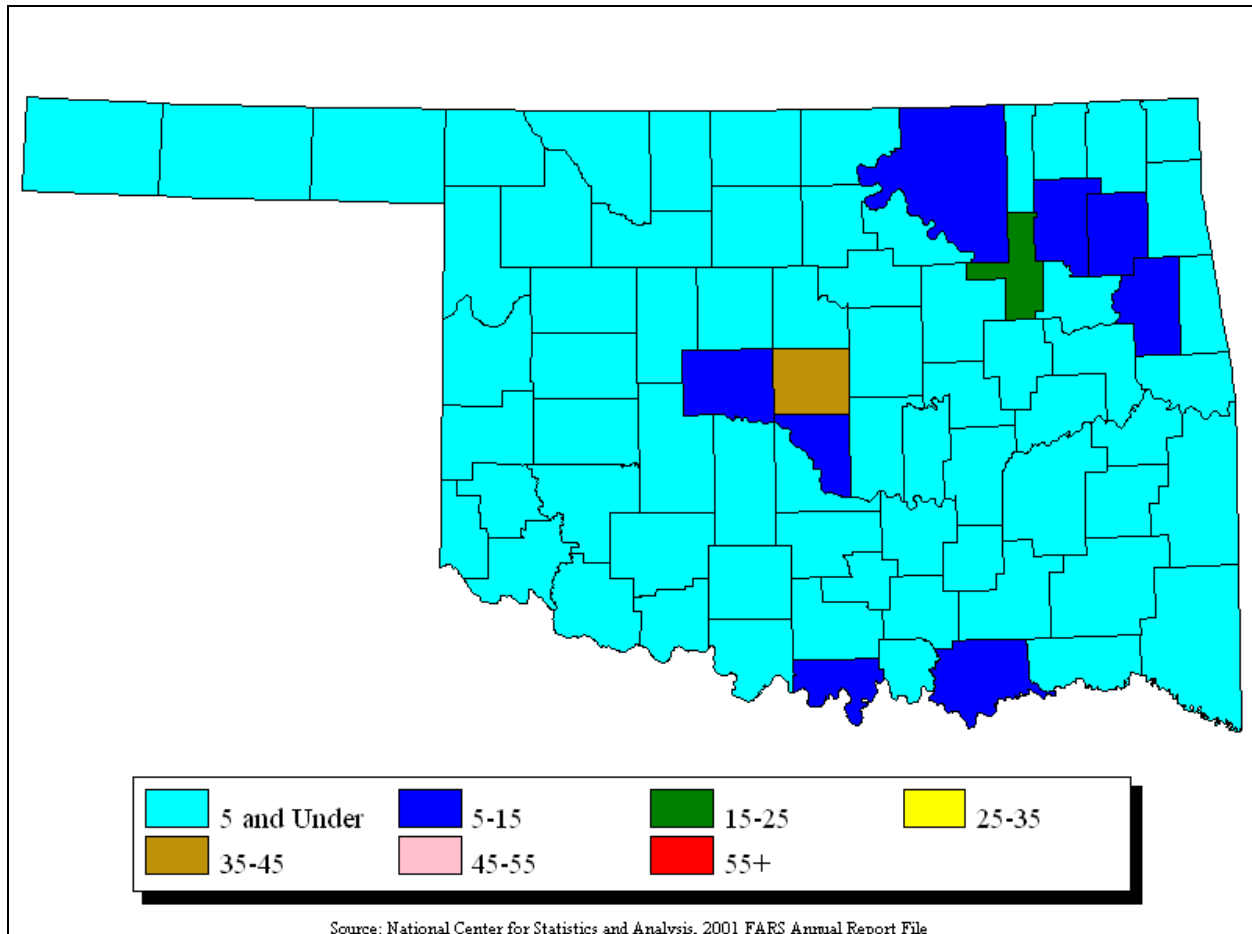
| Change in AR-Rates over time, Oklahoma vs. US |          |      |
|---|----------|------|
| Time Period                                   | Oklahoma | US   |
| 1982 to 2001                                  | -70%     | -62% |
| Last 10 years                                 | -28%     | -32% |
| Last 5 years                                  | -19%     | -11% |
| Last 3 Years                                  | -5%      | 0%   |
| Last 1 Year                                   | 15%      | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.10            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/01) |
| Youthful (under 21) Offenders BAC Level   | 0.00            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 518        | 322     | 62 | 2.67          | 1.66    |
| 1983 | 550        | 325     | 59 | 2.75          | 1.63    |
| 1984 | 572        | 328     | 57 | 2.73          | 1.57    |
| 1985 | 559        | 308     | 55 | 2.61          | 1.44    |
| 1986 | 619        | 302     | 49 | 2.72          | 1.33    |
| 1987 | 619        | 286     | 46 | 2.65          | 1.23    |
| 1988 | 677        | 325     | 48 | 2.69          | 1.29    |
| 1989 | 626        | 284     | 45 | 2.42          | 1.10    |
| 1990 | 579        | 285     | 49 | 2.17          | 1.07    |
| 1991 | 482        | 235     | 49 | 1.87          | 0.91    |
| 1992 | 471        | 210     | 45 | 1.69          | 0.75    |
| 1993 | 523        | 220     | 42 | 1.76          | 0.74    |
| 1994 | 494        | 201     | 41 | 1.68          | 0.68    |
| 1995 | 574        | 240     | 42 | 1.91          | 0.80    |
| 1996 | 526        | 221     | 42 | 1.73          | 0.73    |
| 1997 | 524        | 231     | 44 | 1.62          | 0.72    |
| 1998 | 538        | 233     | 43 | 1.61          | 0.70    |
| 1999 | 414        | 172     | 42 | 1.19          | 0.50    |
| 2000 | 451        | 186     | 41 | 1.33          | 0.55    |
| 2001 | 488        | 190     | 39 | 1.42          | 0.55    |

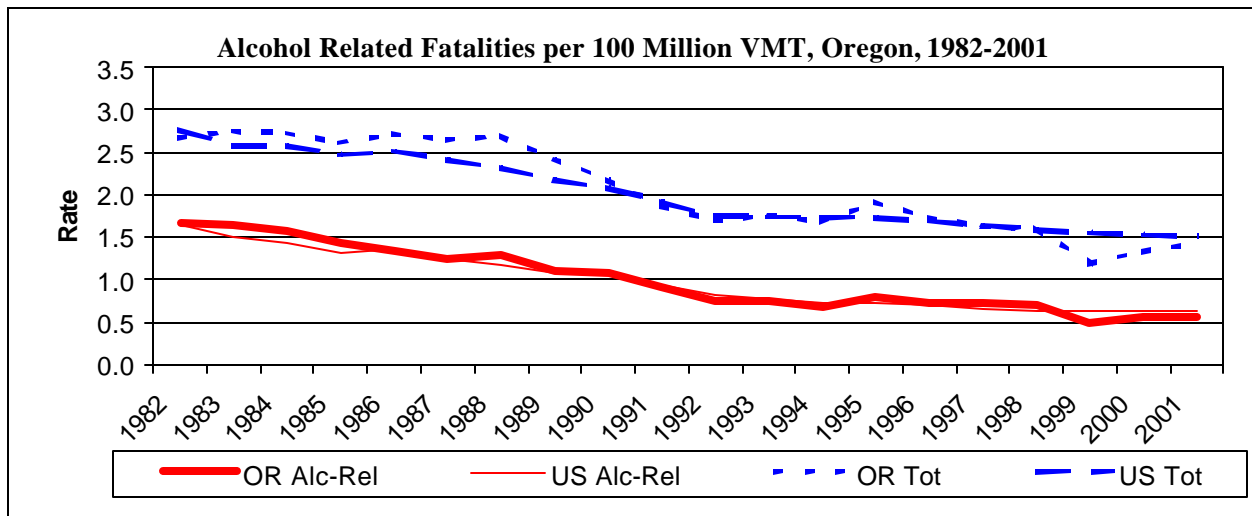
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**OREGON**

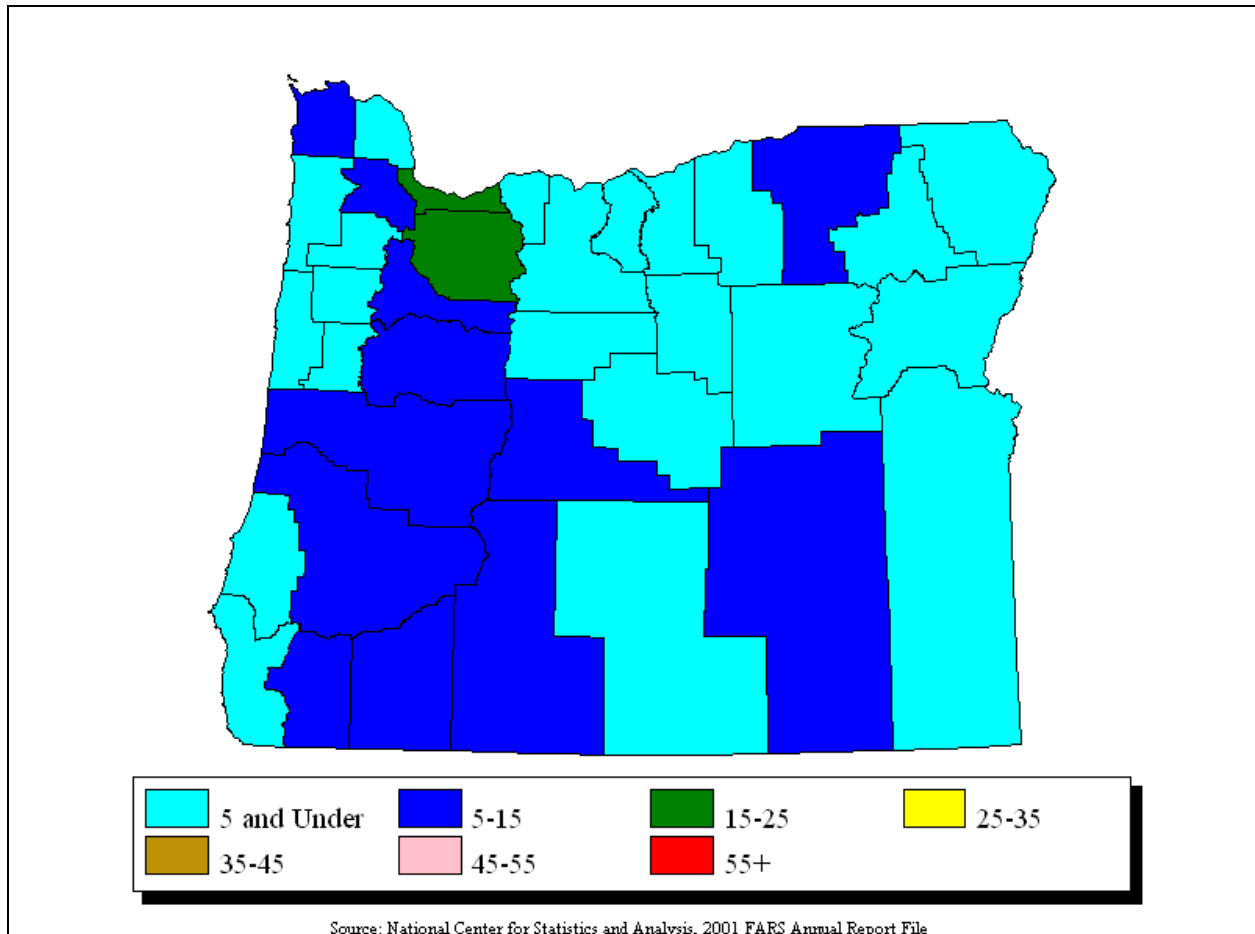
| Change in AR-Rates over time, Oregon vs. US |        |      |
|---|--------|------|
| Time Period                                 | Oregon | US   |
| 1982 to 2001                                | -67%   | -62% |
| Last 10 years                               | -40%   | -32% |
| Last 5 years                                | -25%   | -11% |
| Last 3 Years                                | -21%   | 0%   |
| Last 1 Year                                 | 0%     | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (10/15/83) |
| Youthful (under 21) Offenders BAC Level   | 0.00            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,819      | 1,048   | 58 | 2.55          | 1.47    |
| 1983 | 1,721      | 980     | 57 | 2.38          | 1.36    |
| 1984 | 1,727      | 934     | 54 | 2.32          | 1.26    |
| 1985 | 1,771      | 961     | 54 | 2.35          | 1.27    |
| 1986 | 1,894      | 1,042   | 55 | 2.44          | 1.34    |
| 1987 | 1,987      | 1,042   | 52 | 2.53          | 1.33    |
| 1988 | 1,931      | 935     | 48 | 2.38          | 1.15    |
| 1989 | 1,877      | 981     | 52 | 2.27          | 1.18    |
| 1990 | 1,646      | 846     | 51 | 1.92          | 0.99    |
| 1991 | 1,661      | 807     | 49 | 1.90          | 0.92    |
| 1992 | 1,545      | 729     | 47 | 1.73          | 0.82    |
| 1993 | 1,529      | 700     | 46 | 1.69          | 0.77    |
| 1994 | 1,441      | 612     | 42 | 1.56          | 0.66    |
| 1995 | 1,480      | 619     | 42 | 1.57          | 0.65    |
| 1996 | 1,469      | 588     | 40 | 1.52          | 0.61    |
| 1997 | 1,557      | 626     | 40 | 1.59          | 0.64    |
| 1998 | 1,481      | 642     | 43 | 1.48          | 0.64    |
| 1999 | 1,549      | 618     | 40 | 1.52          | 0.61    |
| 2000 | 1,520      | 647     | 43 | 1.49          | 0.63    |
| 2001 | 1,530      | 663     | 43 | 1.49          | 0.64    |

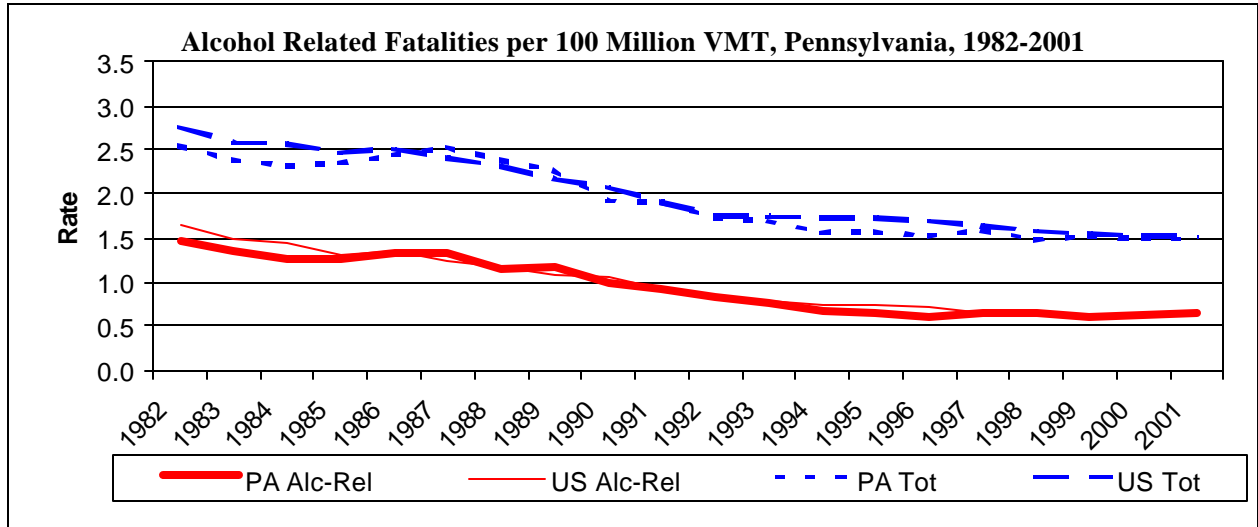
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**PENNSYLVANIA**

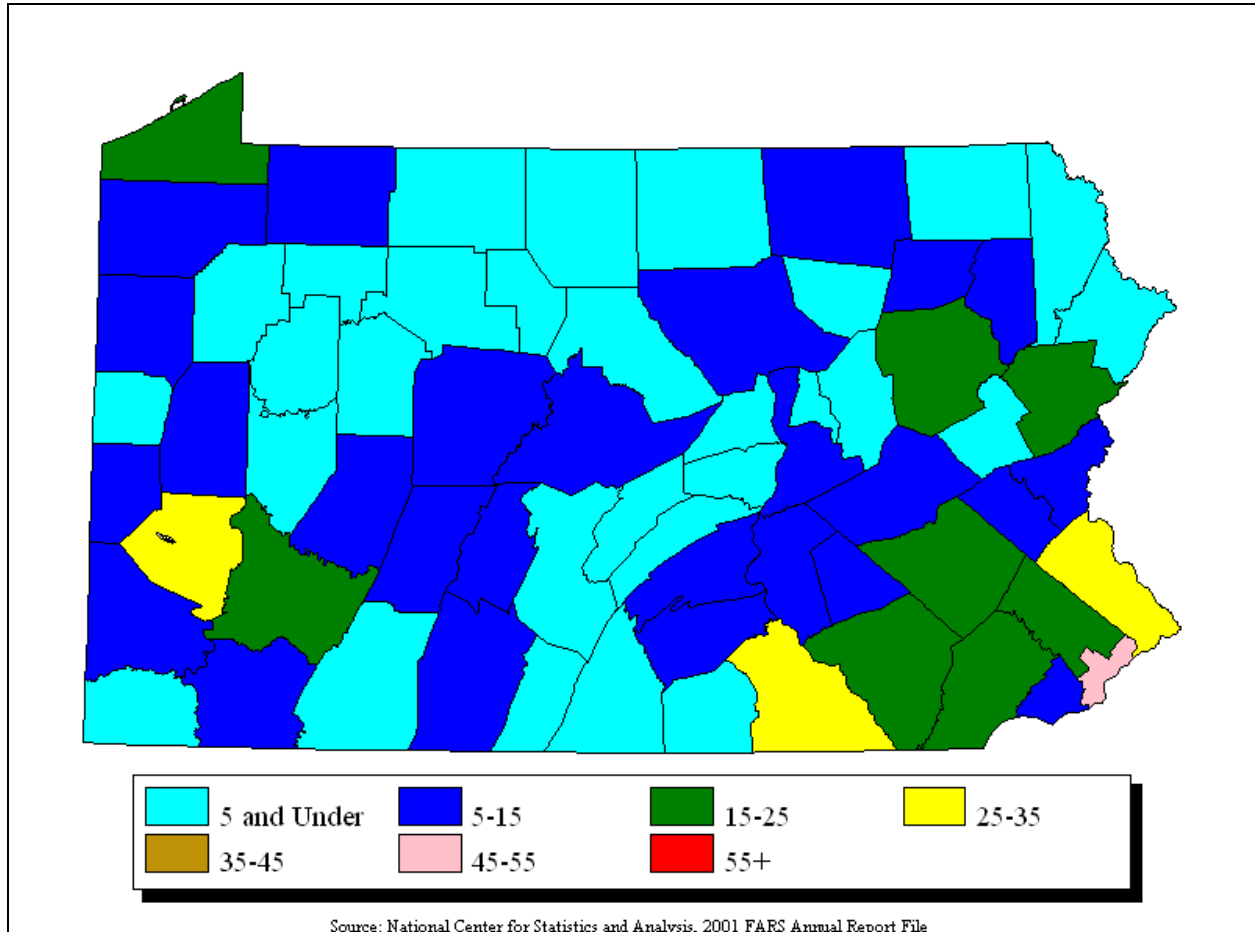
| Change in AR-Rates over time, Pennsylvania vs. US |              |      |
|---|--------------|------|
| Time Period                                       | Pennsylvania | US   |
| 1982 to 2001                                      | -56%         | -62% |
| Last 10 years                                     | -30%         | -32% |
| Last 5 years                                      | 5%           | -11% |
| Last 3 Years                                      | 0%           | 0%   |
| Last 1 Year                                       | 2%           | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | None      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 105        | 71      | 67 | 1.78          | 1.20    |
| 1983 | 100        | 60      | 60 | 1.84          | 1.10    |
| 1984 | 79         | 52      | 66 | 1.45          | 0.95    |
| 1985 | 109        | 57      | 52 | 1.87          | 0.98    |
| 1986 | 124        | 79      | 64 | 2.28          | 1.46    |
| 1987 | 113        | 56      | 49 | 1.88          | 0.93    |
| 1988 | 125        | 69      | 55 | 2.14          | 1.18    |
| 1989 | 100        | 49      | 49 | 1.48          | 0.73    |
| 1990 | 84         | 51      | 61 | 1.14          | 0.69    |
| 1991 | 88         | 45      | 51 | 1.23          | 0.63    |
| 1992 | 79         | 43      | 54 | 1.05          | 0.57    |
| 1993 | 74         | 40      | 54 | 1.02          | 0.55    |
| 1994 | 63         | 31      | 49 | 0.89          | 0.44    |
| 1995 | 69         | 28      | 41 | 1.00          | 0.41    |
| 1996 | 69         | 33      | 48 | 0.97          | 0.46    |
| 1997 | 75         | 41      | 55 | 1.06          | 0.58    |
| 1998 | 74         | 36      | 49 | 0.93          | 0.45    |
| 1999 | 88         | 36      | 41 | 1.06          | 0.43    |
| 2000 | 80         | 41      | 52 | 0.96          | 0.49    |
| 2001 | 81         | 49      | 60 | 1.01          | 0.61    |

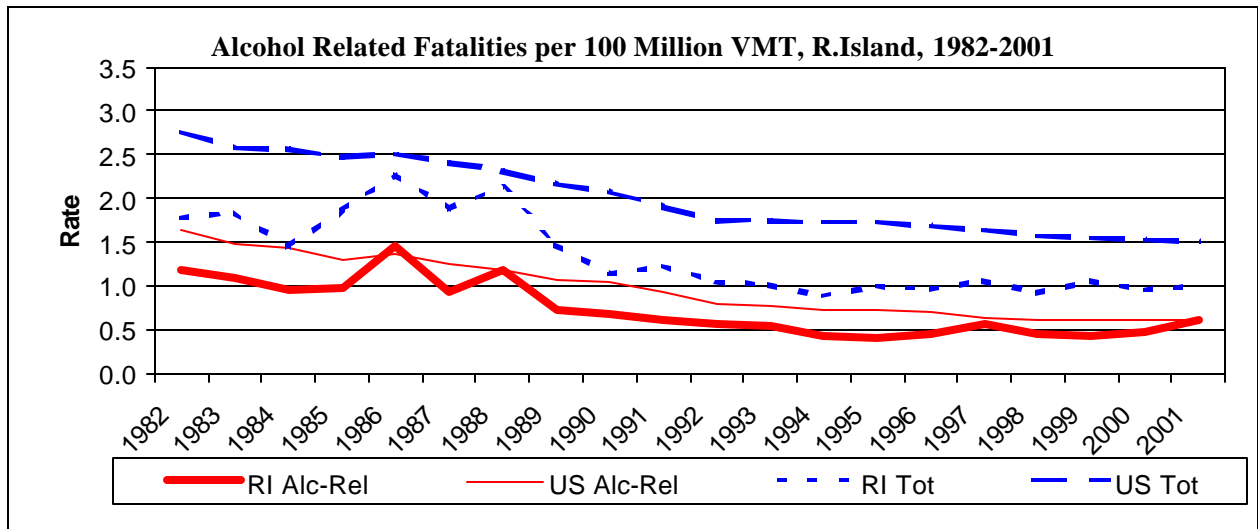
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## RHODE ISLAND

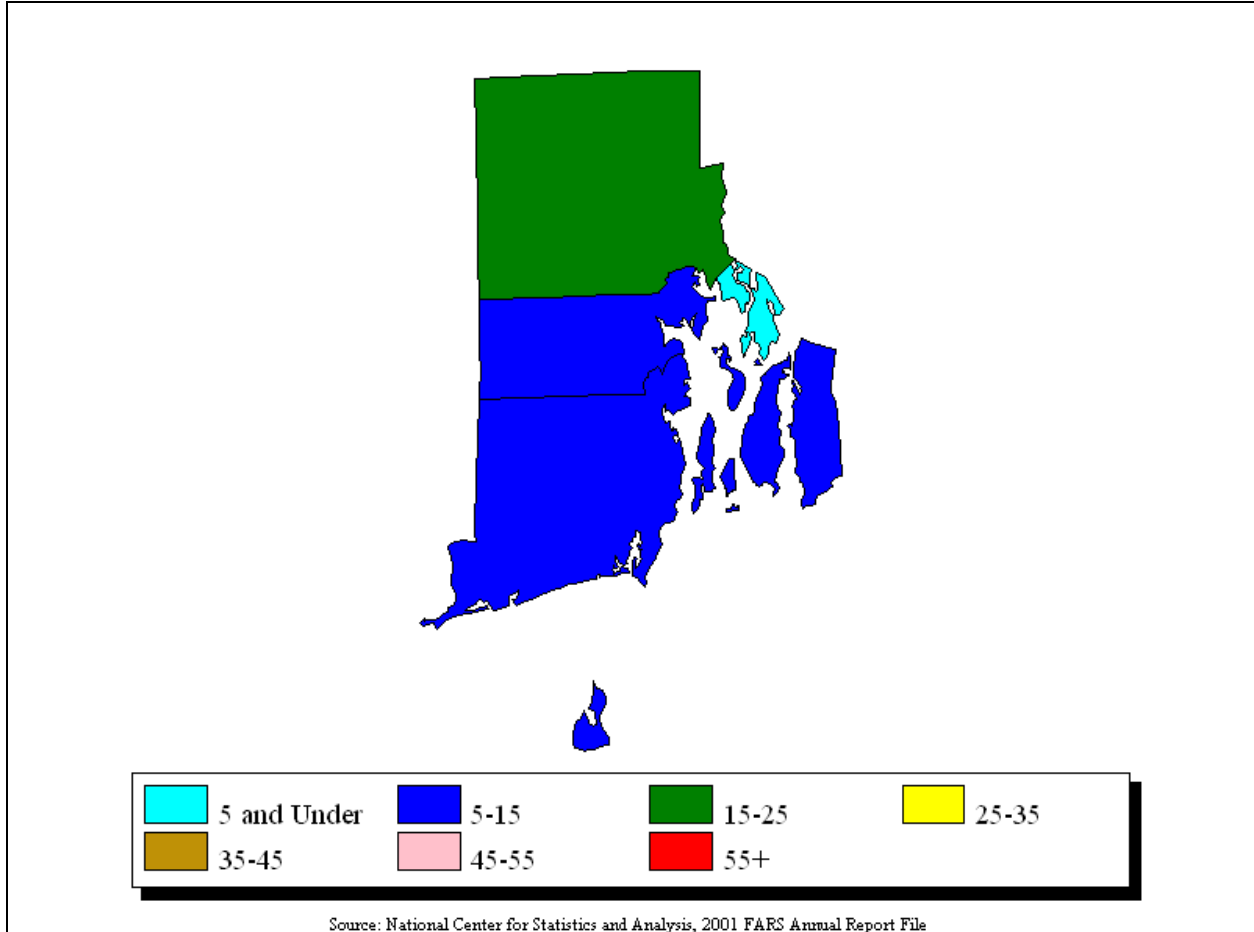
| Change in AR-Rates over time, Rhode Island vs. US |              |      |
|---|--------------|------|
| Time Period                                       | Rhode Island | US   |
| 1982 to 2001                                      | -49%         | -62% |
| Last 10 years                                     | -3%          | -32% |
| Last 5 years                                      | 33%          | -11% |
| Last 3 Years                                      | 36%          | 0%   |
| Last 1 Year                                       | 24%          | 0%   |

| Impaired Driving Legislations*               |                    |
|--|--------------------|
| Law  | BAC Level          |
| Administrative Per Se BAC Level              | None               |
| Illegal Per Se BAC Level<br>(Effective Date) | 0.08<br>(07/13/00) |
| Youthful (under 21) Offenders BAC Level      | 0.02               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 730        | 441     | 60 | 3.01          | 1.82    |
| 1983 | 844        | 509     | 60 | 3.38          | 2.04    |
| 1984 | 916        | 503     | 55 | 3.53          | 1.94    |
| 1985 | 951        | 534     | 56 | 3.56          | 2.00    |
| 1986 | 1,059      | 636     | 60 | 3.75          | 2.25    |
| 1987 | 1,086      | 577     | 53 | 3.59          | 1.91    |
| 1988 | 1,031      | 523     | 51 | 3.25          | 1.65    |
| 1989 | 996        | 473     | 47 | 3.04          | 1.44    |
| 1990 | 979        | 494     | 50 | 2.85          | 1.44    |
| 1991 | 890        | 420     | 47 | 2.58          | 1.22    |
| 1992 | 807        | 352     | 44 | 2.30          | 1.00    |
| 1993 | 846        | 305     | 36 | 2.34          | 0.84    |
| 1994 | 847        | 269     | 32 | 2.27          | 0.72    |
| 1995 | 881        | 346     | 39 | 2.28          | 0.89    |
| 1996 | 930        | 428     | 46 | 2.34          | 1.08    |
| 1997 | 903        | 362     | 40 | 2.18          | 0.88    |
| 1998 | 1,002      | 372     | 37 | 2.34          | 0.87    |
| 1999 | 1,065      | 391     | 37 | 2.41          | 0.89    |
| 2000 | 1,065      | 480     | 45 | 2.34          | 1.05    |
| 2001 | 1,059      | 592     | 56 | 2.27          | 1.27    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## SOUTH CAROLINA

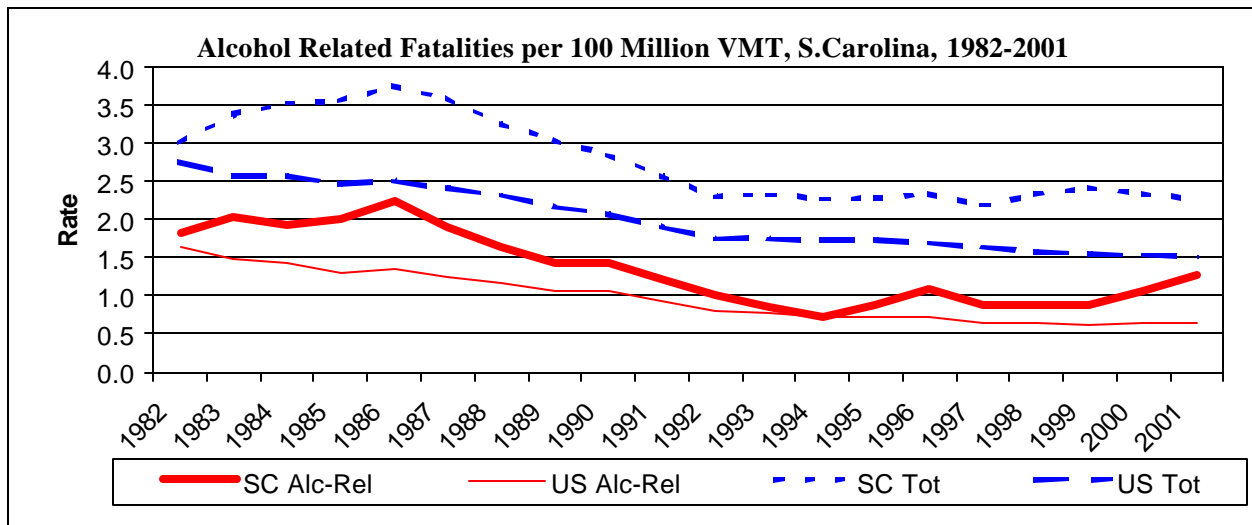
### Change in AR-Rates over time, South Carolina vs. US

| Time Period   | S.Carolina | US   |
|---------------|------------|------|
| 1982 to 2001  | -30%       | -62% |
| Last 10 years | 4%         | -32% |
| Last 5 years  | 18%        | -11% |
| Last 3 Years  | 46%        | 0%   |
| Last 1 Year   | 21%        | 0%   |

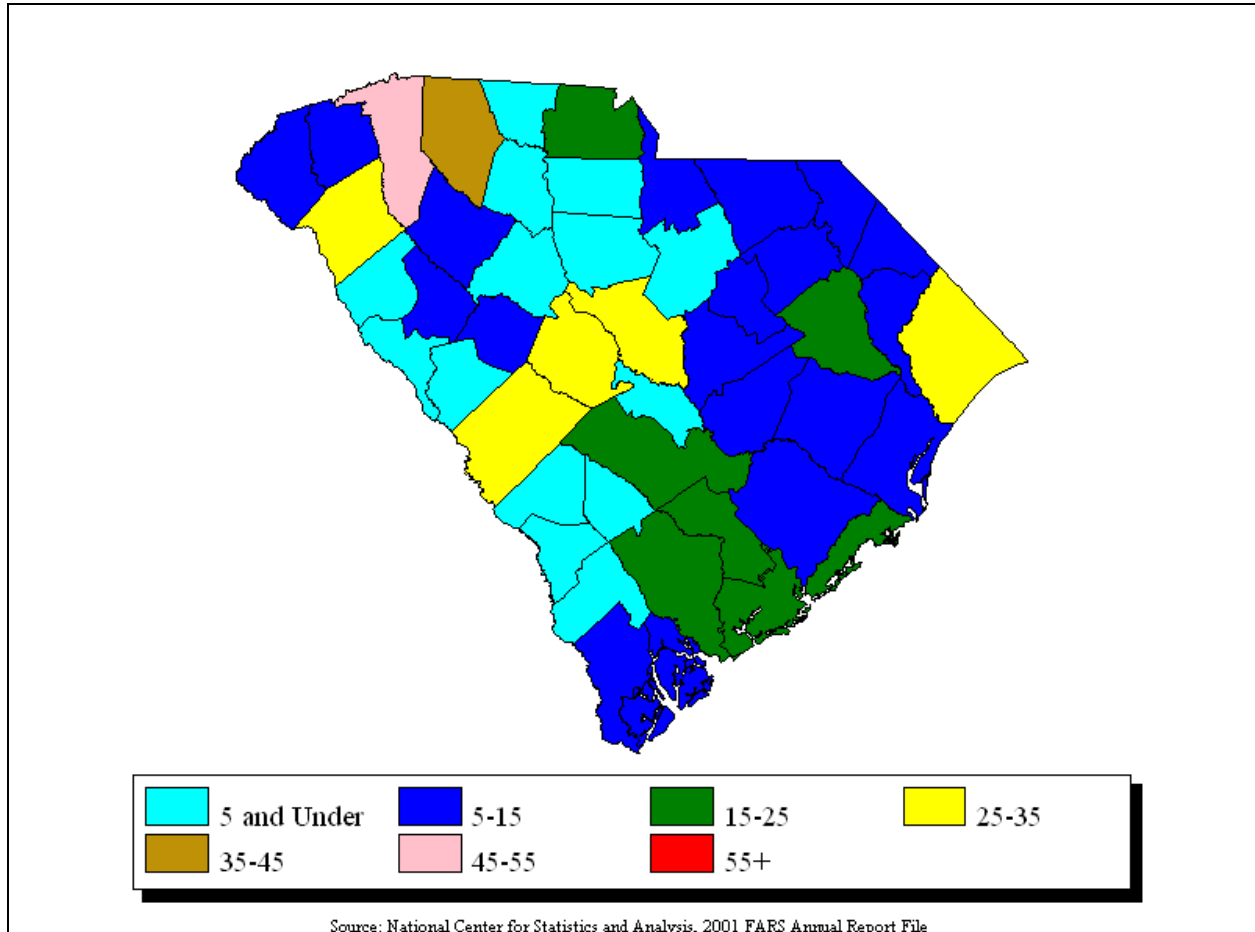
### Impaired Driving Legislations\*

| Law  | BAC Level   |
|--|-------------|
| Administrative Per Se BAC Level                    | 0.15        |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.10<br>(-) |
| Youthful (under 21) Offenders BAC Level            | 0.02        |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 148        | 90      | 61 | 2.33          | 1.41    |
| 1983 | 175        | 98      | 56 | 2.77          | 1.55    |
| 1984 | 143        | 86      | 60 | 2.23          | 1.34    |
| 1985 | 130        | 73      | 56 | 2.07          | 1.16    |
| 1986 | 134        | 74      | 55 | 2.15          | 1.19    |
| 1987 | 134        | 68      | 51 | 2.09          | 1.06    |
| 1988 | 147        | 73      | 50 | 2.22          | 1.10    |
| 1989 | 152        | 84      | 55 | 2.27          | 1.25    |
| 1990 | 153        | 81      | 53 | 2.19          | 1.16    |
| 1991 | 143        | 64      | 45 | 2.13          | 0.95    |
| 1992 | 161        | 78      | 48 | 2.23          | 1.08    |
| 1993 | 140        | 61      | 43 | 1.89          | 0.82    |
| 1994 | 154        | 76      | 49 | 2.02          | 1.00    |
| 1995 | 158        | 72      | 45 | 2.06          | 0.94    |
| 1996 | 175        | 72      | 41 | 2.24          | 0.92    |
| 1997 | 148        | 62      | 42 | 1.86          | 0.78    |
| 1998 | 165        | 68      | 41 | 2.04          | 0.84    |
| 1999 | 150        | 66      | 44 | 1.82          | 0.80    |
| 2000 | 173        | 83      | 48 | 2.05          | 0.98    |
| 2001 | 171        | 84      | 49 | 2.00          | 0.98    |

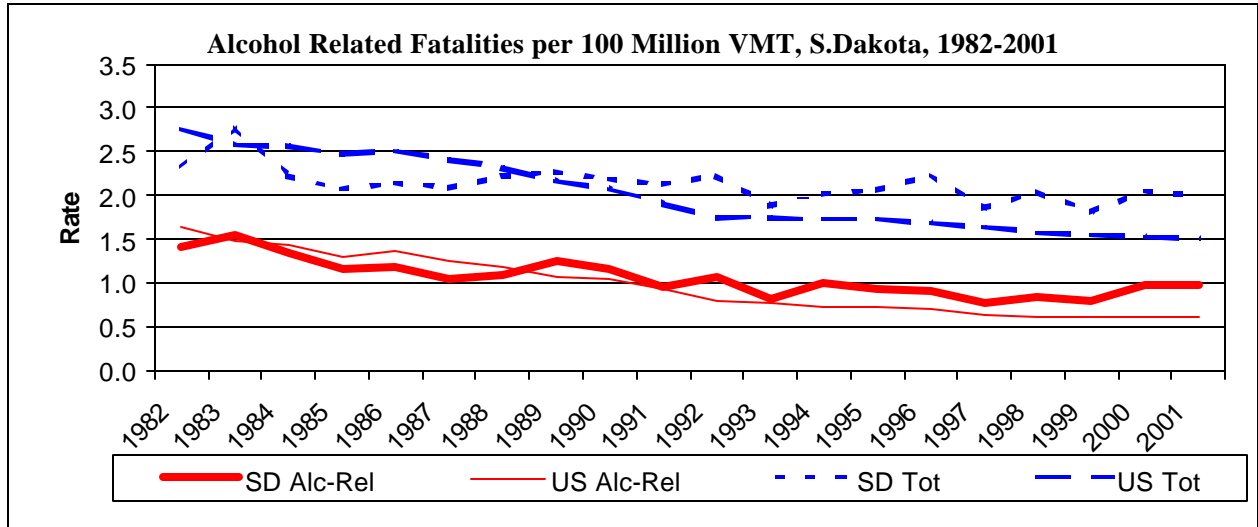
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## SOUTH DAKOTA

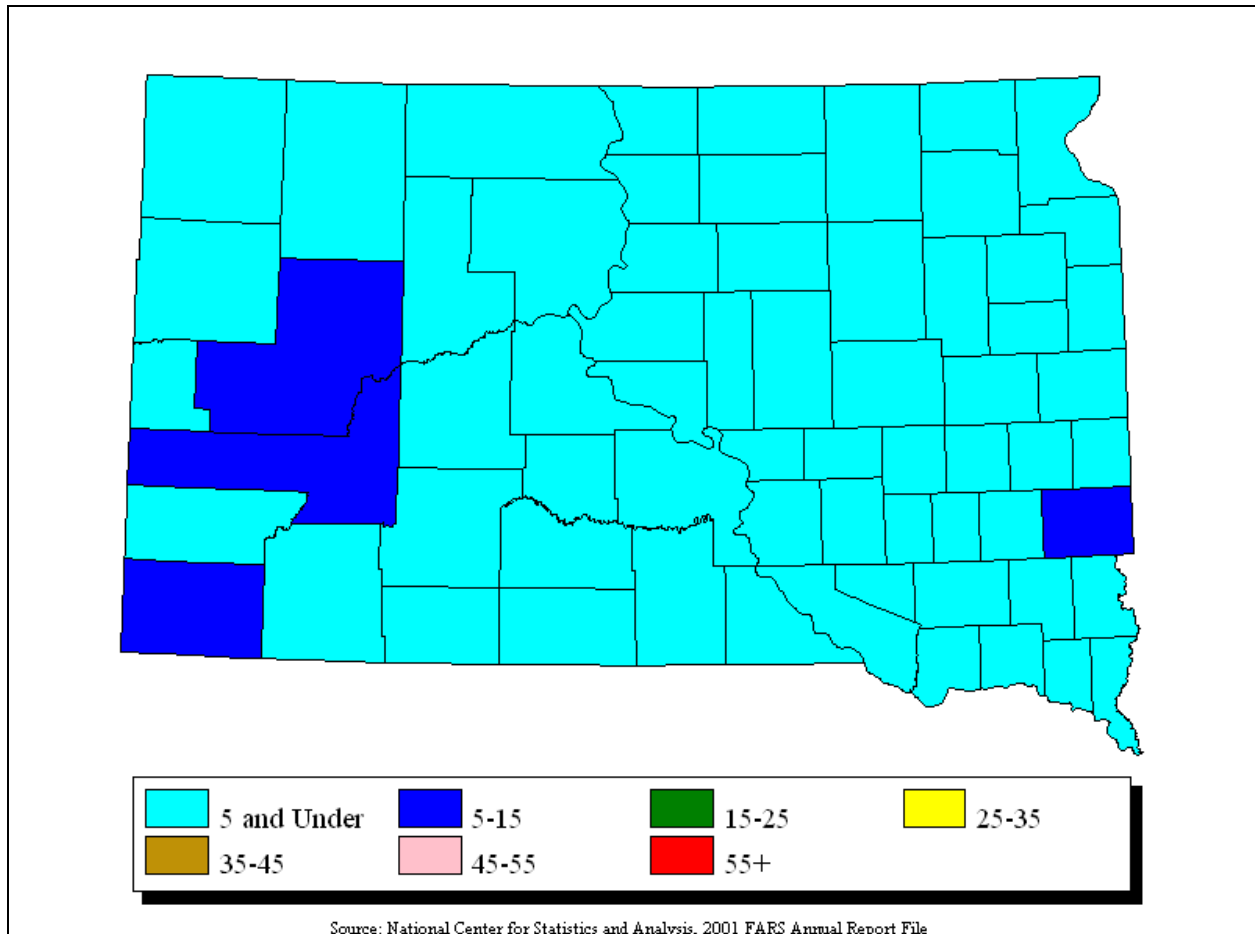
| Change in AR-Rates over time, South Dakota vs. US |          |      |
|---|----------|------|
| Time Period                                       | S.Dakota | US   |
| 1982 to 2001                                      | -30%     | -62% |
| Last 10 years                                     | 3%       | -32% |
| Last 5 years                                      | 7%       | -11% |
| Last 3 Years                                      | 17%      | 0%   |
| Last 1 Year                                       | 0%       | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | None            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/02) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Source: National Center for Statistics and Analysis, 2001 FARS Annual Report File



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 1,055      | 668     | 63 | 3.03          | 1.92    |
| 1983 | 1,037      | 643     | 62 | 2.86          | 1.77    |
| 1984 | 1,095      | 640     | 58 | 3.00          | 1.75    |
| 1985 | 1,101      | 603     | 55 | 3.03          | 1.66    |
| 1986 | 1,230      | 686     | 56 | 3.11          | 1.74    |
| 1987 | 1,247      | 621     | 50 | 2.96          | 1.47    |
| 1988 | 1,266      | 673     | 53 | 2.86          | 1.52    |
| 1989 | 1,088      | 559     | 51 | 2.38          | 1.22    |
| 1990 | 1,177      | 601     | 51 | 2.52          | 1.29    |
| 1991 | 1,113      | 601     | 54 | 2.35          | 1.27    |
| 1992 | 1,153      | 562     | 49 | 2.31          | 1.12    |
| 1993 | 1,170      | 538     | 46 | 2.25          | 1.03    |
| 1994 | 1,214      | 503     | 41 | 2.23          | 0.92    |
| 1995 | 1,259      | 533     | 42 | 2.24          | 0.95    |
| 1996 | 1,239      | 523     | 42 | 2.12          | 0.90    |
| 1997 | 1,225      | 510     | 42 | 2.02          | 0.84    |
| 1998 | 1,216      | 513     | 42 | 1.94          | 0.82    |
| 1999 | 1,302      | 515     | 40 | 2.01          | 0.80    |
| 2000 | 1,307      | 542     | 41 | 1.99          | 0.82    |
| 2001 | 1,251      | 537     | 43 | 1.85          | 0.79    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## TENNESSEE

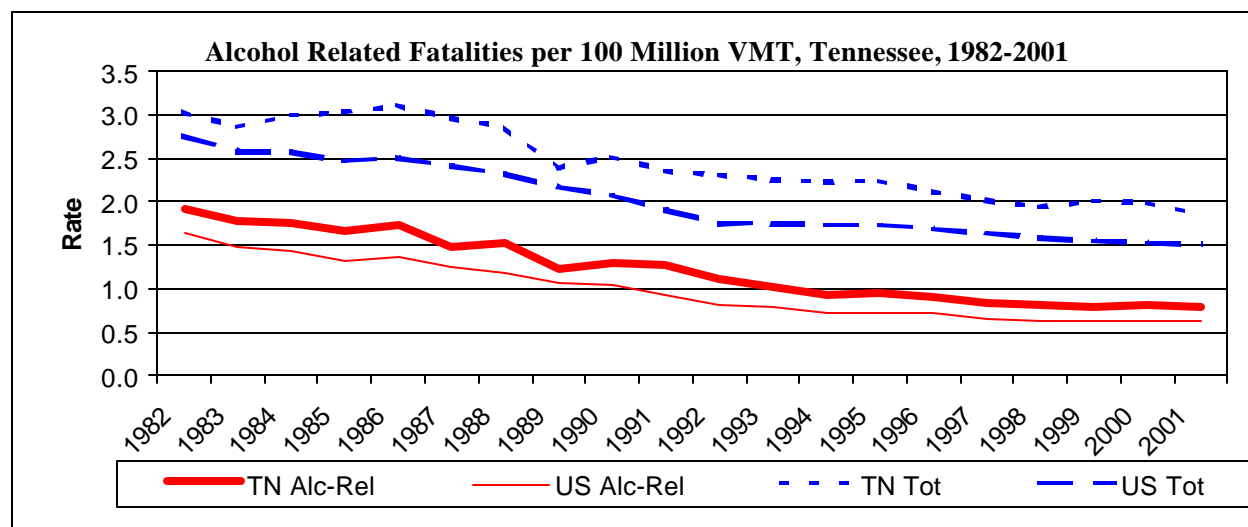
### Change in AR-Rates over time, Tennessee vs. US

| Time Period   | Tennessee | US   |
|---------------|-----------|------|
| 1982 to 2001  | -59%      | -62% |
| Last 10 years | -38%      | -32% |
| Last 5 years  | -12%      | -11% |
| Last 3 Years  | -4%       | 0%   |
| Last 1 Year   | -4%       | 0%   |

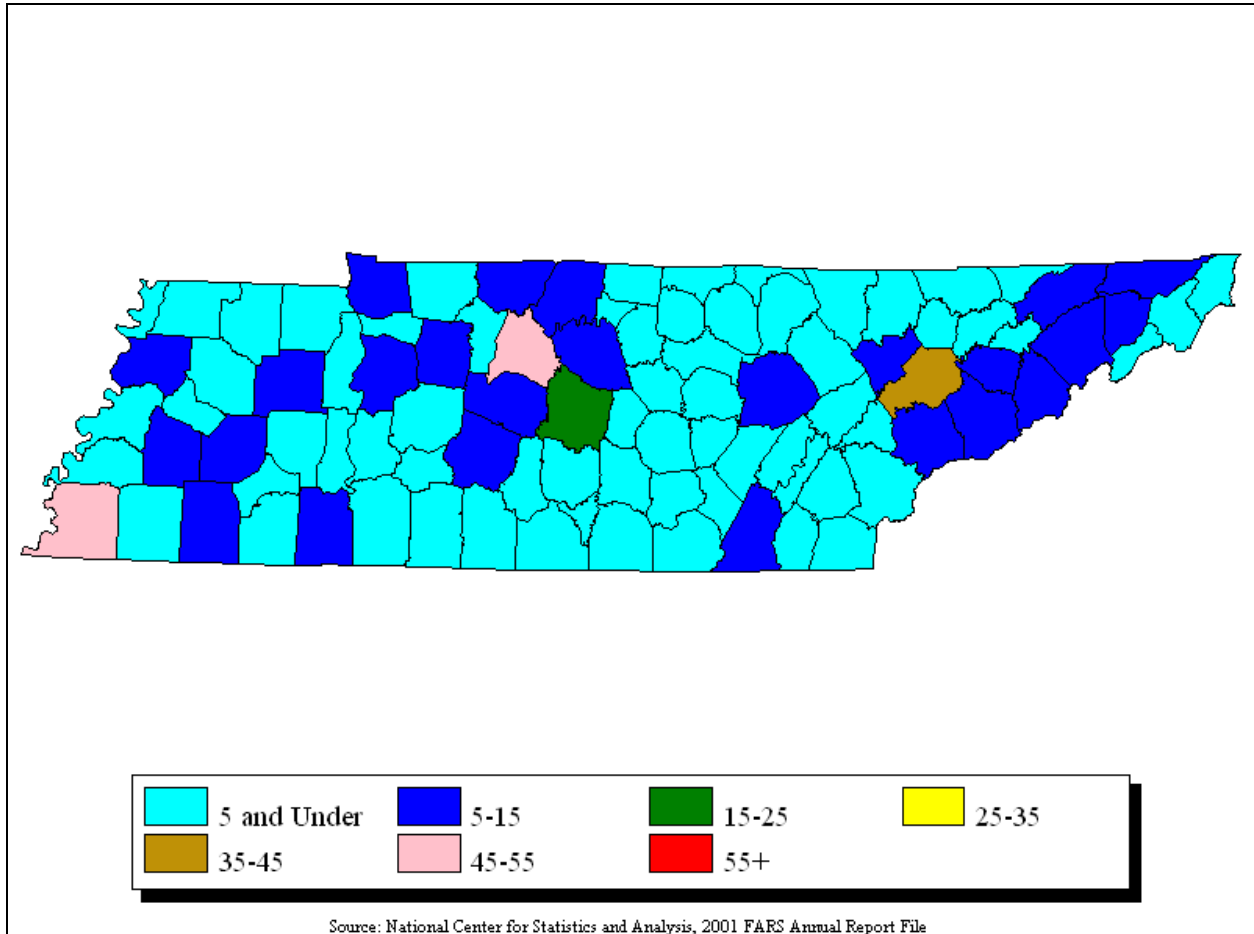
### Impaired Driving Legislations\*

| Law                                       | BAC Level        |
|---|------------------|
| Administrative Per Se BAC Level           | None             |
| Illegal Per Se BAC Level (Effective Date) | 0.08* (07/01/03) |
| Youthful (under 21) Offenders BAC Level   | 0.02             |

\*Enacted as of 09/03/2002 but effective as of a later date.



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 4,213      | 2,801   | 66 | 3.36          | 2.24    |
| 1983 | 3,823      | 2,503   | 65 | 2.90          | 1.90    |
| 1984 | 3,912      | 2,457   | 63 | 2.84          | 1.78    |
| 1985 | 3,678      | 2,271   | 62 | 2.57          | 1.59    |
| 1986 | 3,567      | 2,206   | 62 | 2.40          | 1.49    |
| 1987 | 3,260      | 1,951   | 60 | 2.16          | 1.29    |
| 1988 | 3,392      | 2,011   | 59 | 2.17          | 1.29    |
| 1989 | 3,370      | 1,927   | 57 | 2.11          | 1.21    |
| 1990 | 3,250      | 1,989   | 61 | 2.08          | 1.27    |
| 1991 | 3,078      | 1,814   | 59 | 1.94          | 1.14    |
| 1992 | 3,059      | 1,818   | 59 | 1.87          | 1.11    |
| 1993 | 3,043      | 1,748   | 57 | 1.82          | 1.04    |
| 1994 | 3,187      | 1,725   | 54 | 1.79          | 0.97    |
| 1995 | 3,183      | 1,739   | 55 | 1.76          | 0.96    |
| 1996 | 3,742      | 1,967   | 53 | 2.00          | 1.05    |
| 1997 | 3,513      | 1,710   | 49 | 1.77          | 0.86    |
| 1998 | 3,586      | 1,745   | 49 | 1.74          | 0.85    |
| 1999 | 3,522      | 1,700   | 48 | 1.67          | 0.81    |
| 2000 | 3,779      | 1,841   | 49 | 1.72          | 0.84    |
| 2001 | 3,724      | 1,789   | 48 | 1.72          | 0.83    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## TEXAS

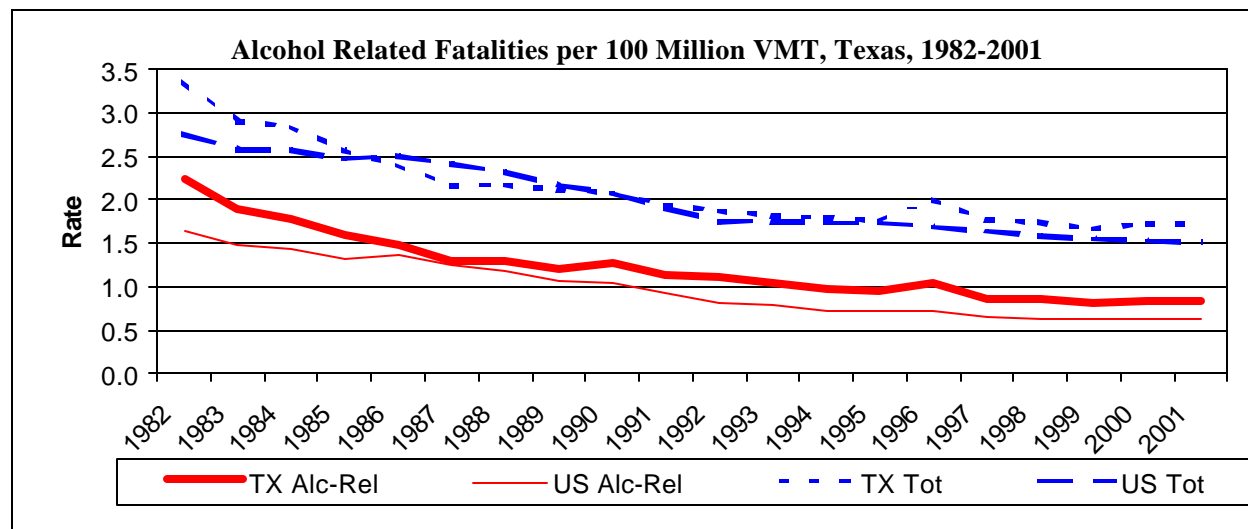
### Change in AR-Rates over time, Texas vs. US

| Time Period   | Texas | US   |
|---------------|-------|------|
| 1982 to 2001  | -63%  | -62% |
| Last 10 years | -27%  | -32% |
| Last 5 years  | -21%  | -11% |
| Last 3 Years  | -2%   | 0%   |
| Last 1 Year   | -1%   | 0%   |

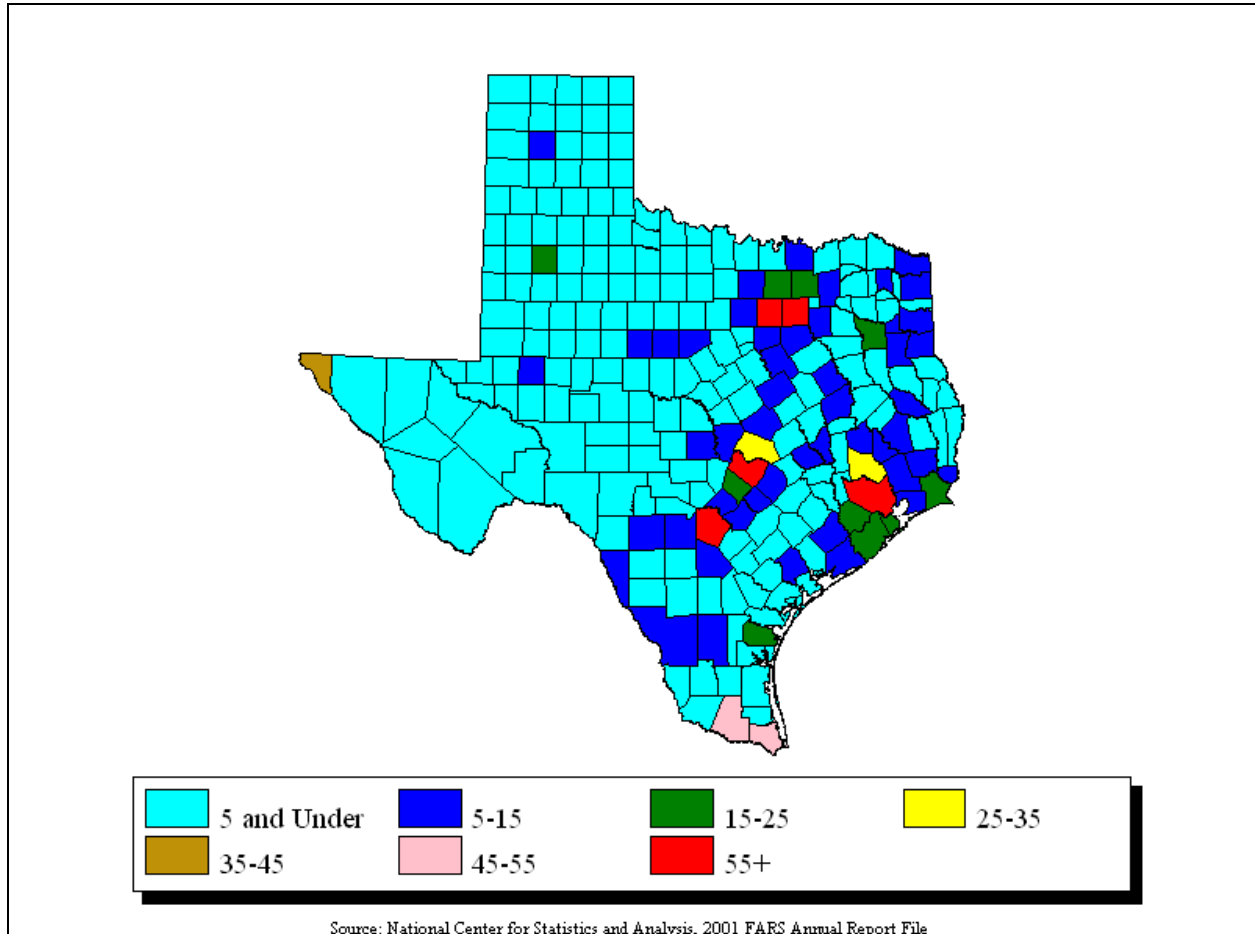
### Impaired Driving Legislations\*

| Law  | BAC Level          |
|--|--------------------|
| Administrative Per Se BAC Level                    | 0.08               |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08<br>(09/01/99) |
| Youthful (under 21) Offenders BAC Level            | 0.00               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 295        | 120     | 41 | 2.70          | 1.10    |
| 1983 | 283        | 112     | 39 | 2.52          | 1.00    |
| 1984 | 315        | 140     | 44 | 2.70          | 1.20    |
| 1985 | 303        | 116     | 38 | 2.52          | 0.96    |
| 1986 | 313        | 117     | 37 | 2.56          | 0.96    |
| 1987 | 297        | 98      | 33 | 2.34          | 0.77    |
| 1988 | 297        | 119     | 40 | 2.24          | 0.90    |
| 1989 | 303        | 93      | 31 | 2.18          | 0.67    |
| 1990 | 272        | 71      | 26 | 1.86          | 0.48    |
| 1991 | 271        | 86      | 32 | 1.76          | 0.56    |
| 1992 | 269        | 86      | 32 | 1.65          | 0.53    |
| 1993 | 303        | 89      | 30 | 1.78          | 0.52    |
| 1994 | 343        | 96      | 28 | 1.90          | 0.53    |
| 1995 | 325        | 92      | 28 | 1.73          | 0.49    |
| 1996 | 321        | 88      | 27 | 1.64          | 0.45    |
| 1997 | 366        | 81      | 22 | 1.79          | 0.40    |
| 1998 | 350        | 65      | 18 | 1.65          | 0.31    |
| 1999 | 360        | 90      | 25 | 1.63          | 0.41    |
| 2000 | 373        | 107     | 29 | 1.65          | 0.47    |
| 2001 | 292        | 68      | 23 | 1.25          | 0.29    |

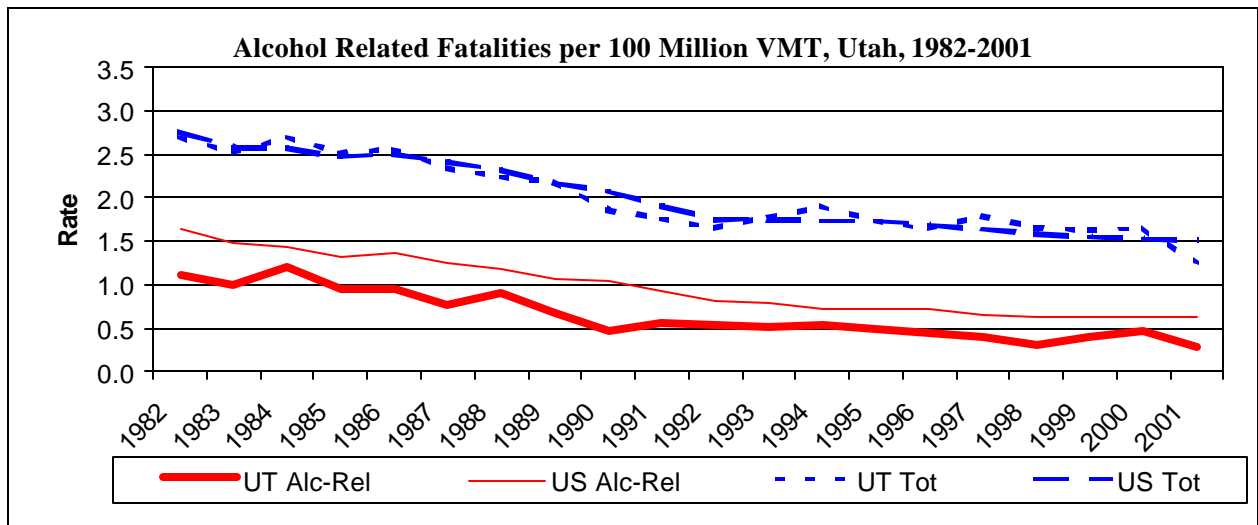
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**UTAH**

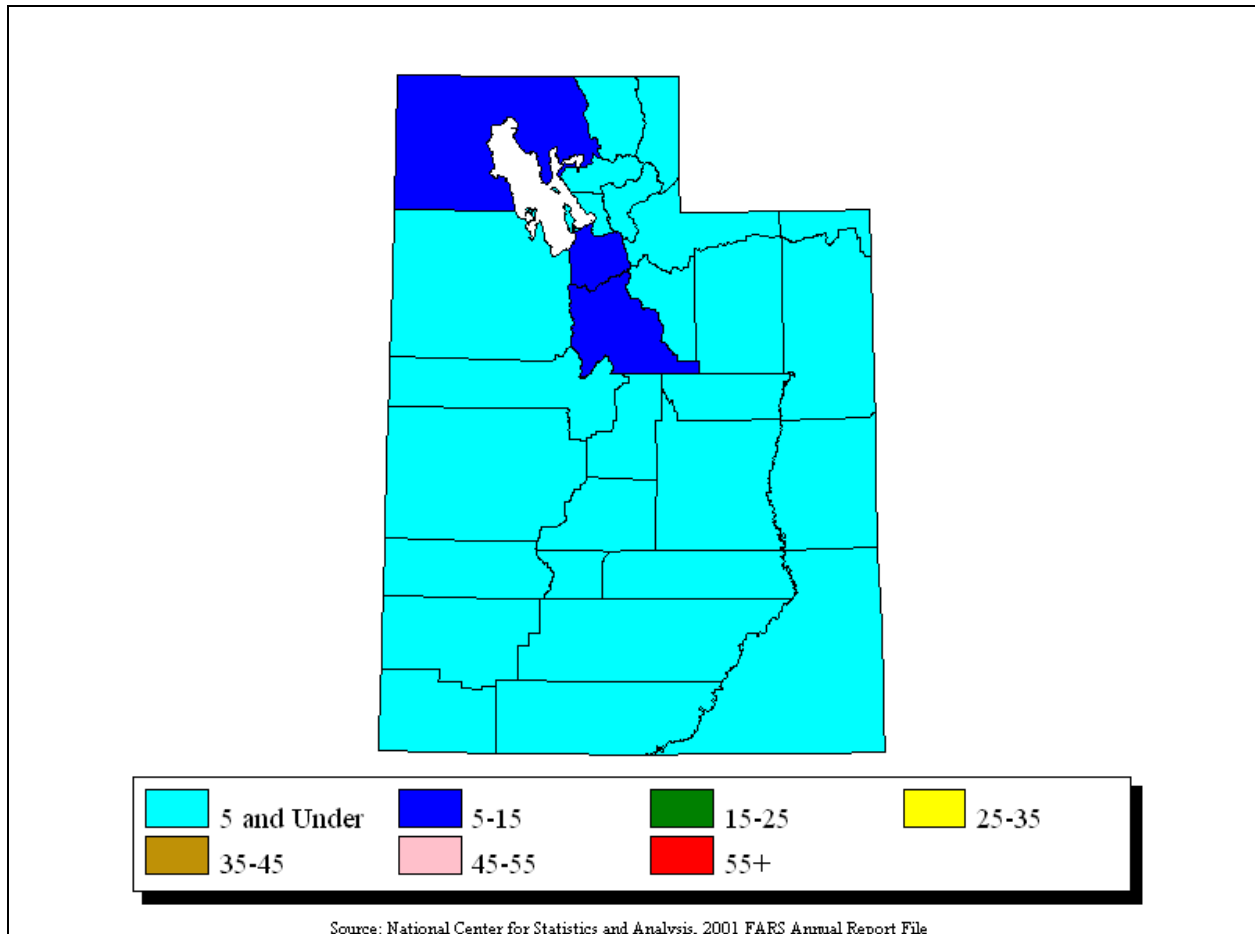
| Change in AR-Rates over time, Utah vs. US |      |      |
|---|------|------|
| Time Period                               | Utah | US   |
| 1982 to 2001                              | -74% | -62% |
| Last 10 years                             | -48% | -32% |
| Last 5 years                              | -36% | -11% |
| Last 3 Years                              | -6%  | 0%   |
| Last 1 Year                               | -38% | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (08/01/83) |
| Youthful (under 21) Offenders BAC Level   | 0.00            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 107        | 70      | 65 | 2.70          | 1.76    |
| 1983 | 94         | 60      | 64 | 2.26          | 1.45    |
| 1984 | 114        | 61      | 53 | 2.60          | 1.39    |
| 1985 | 115        | 55      | 48 | 2.45          | 1.17    |
| 1986 | 109        | 77      | 71 | 2.28          | 1.61    |
| 1987 | 119        | 73      | 62 | 2.36          | 1.45    |
| 1988 | 129        | 67      | 52 | 2.32          | 1.21    |
| 1989 | 116        | 57      | 49 | 2.01          | 0.99    |
| 1990 | 90         | 52      | 57 | 1.54          | 0.89    |
| 1991 | 110        | 60      | 55 | 1.87          | 1.02    |
| 1992 | 96         | 41      | 43 | 1.59          | 0.68    |
| 1993 | 110        | 51      | 46 | 1.84          | 0.85    |
| 1994 | 77         | 37      | 48 | 1.25          | 0.60    |
| 1995 | 106        | 48      | 45 | 1.71          | 0.77    |
| 1996 | 88         | 40      | 45 | 1.38          | 0.63    |
| 1997 | 96         | 40      | 42 | 1.48          | 0.62    |
| 1998 | 104        | 40      | 38 | 1.58          | 0.61    |
| 1999 | 90         | 35      | 39 | 1.31          | 0.51    |
| 2000 | 76         | 32      | 42 | 1.12          | 0.47    |
| 2001 | 92         | 35      | 38 | 0.96          | 0.36    |

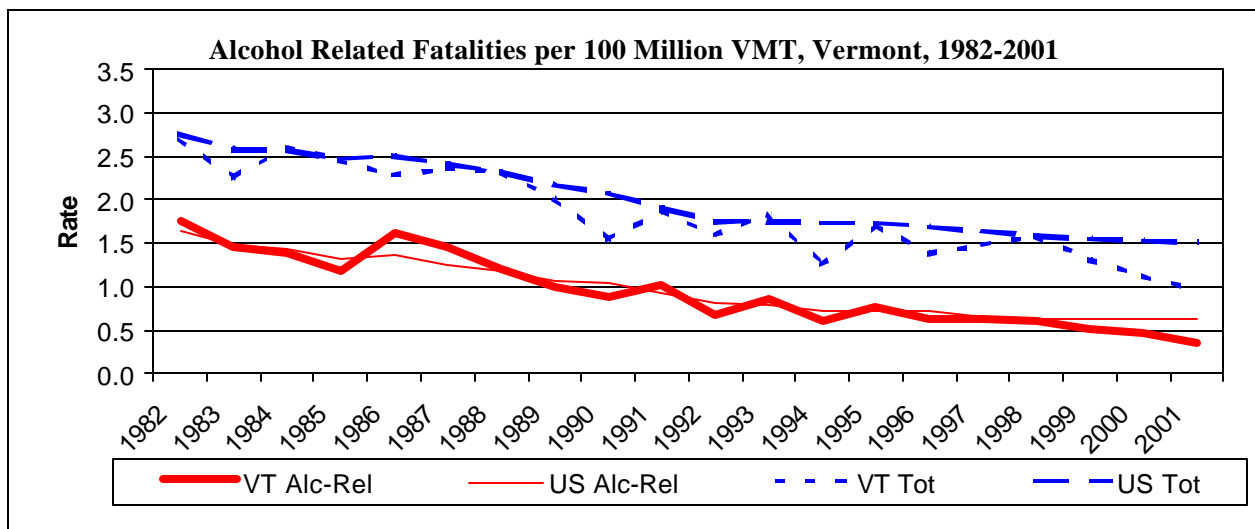
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**VERMONT**

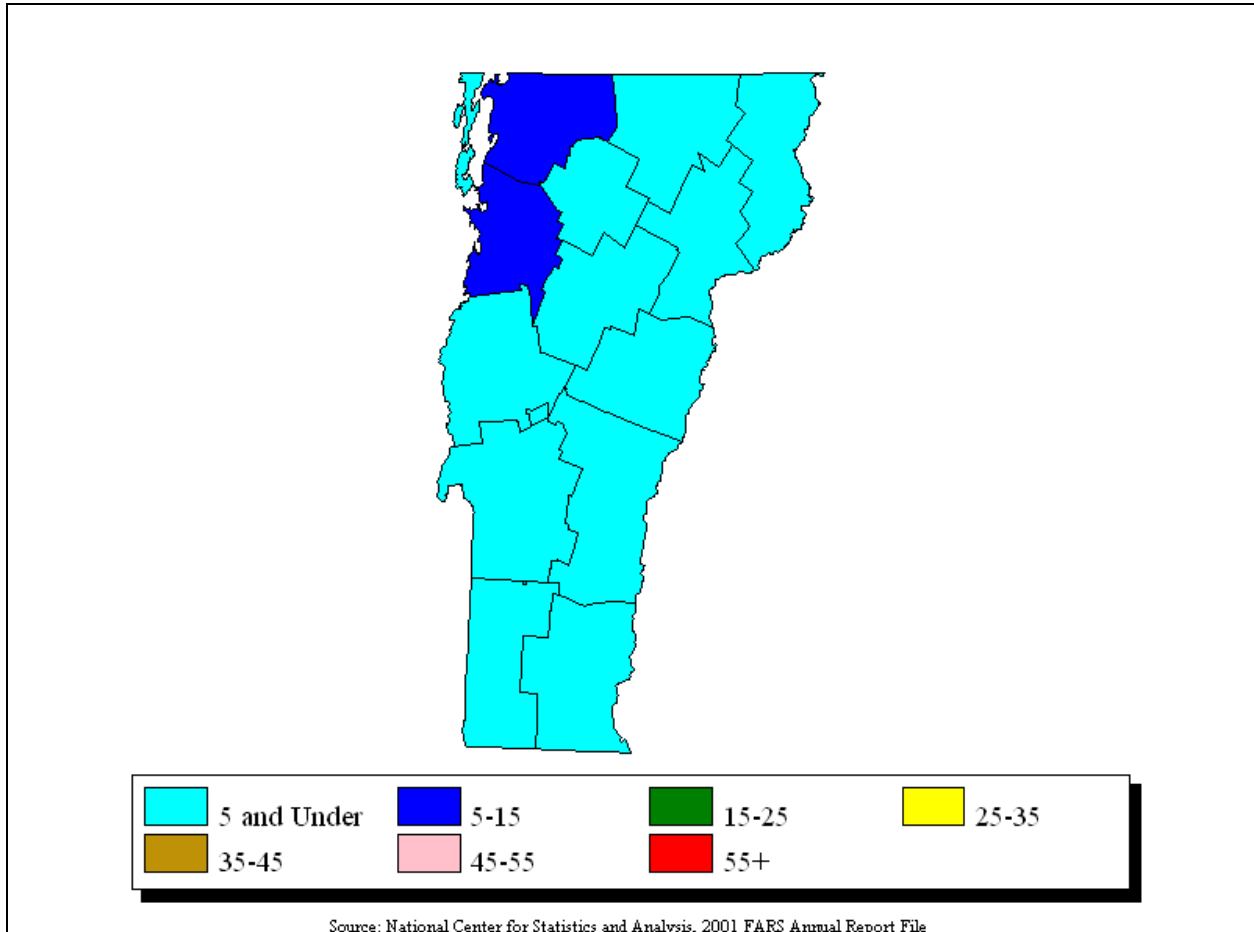
| Change in AR-Rates over time, Vermont vs. US |         |      |
|--|---------|------|
| Time Period                                  | Vermont | US   |
| 1982 to 2001                                 | -80%    | -62% |
| Last 10 years                                | -65%    | -32% |
| Last 5 years                                 | -43%    | -11% |
| Last 3 Years                                 | -41%    | 0%   |
| Last 1 Year                                  | -23%    | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/91) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]





Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 881        | 493     | 56 | 2.13          | 1.19    |
| 1983 | 901        | 518     | 57 | 2.13          | 1.22    |
| 1984 | 1,013      | 572     | 56 | 2.28          | 1.28    |
| 1985 | 976        | 496     | 51 | 2.04          | 1.03    |
| 1986 | 1,126      | 606     | 54 | 2.18          | 1.17    |
| 1987 | 1,021      | 527     | 52 | 1.86          | 0.96    |
| 1988 | 1,072      | 501     | 47 | 1.87          | 0.87    |
| 1989 | 1,004      | 466     | 46 | 1.69          | 0.79    |
| 1990 | 1,079      | 540     | 50 | 1.79          | 0.90    |
| 1991 | 948        | 430     | 45 | 1.55          | 0.70    |
| 1992 | 839        | 373     | 44 | 1.32          | 0.59    |
| 1993 | 879        | 398     | 45 | 1.34          | 0.61    |
| 1994 | 930        | 385     | 41 | 1.38          | 0.57    |
| 1995 | 900        | 373     | 41 | 1.29          | 0.53    |
| 1996 | 877        | 353     | 40 | 1.23          | 0.50    |
| 1997 | 984        | 398     | 40 | 1.40          | 0.57    |
| 1998 | 935        | 359     | 38 | 1.29          | 0.49    |
| 1999 | 878        | 337     | 38 | 1.19          | 0.46    |
| 2000 | 929        | 360     | 39 | 1.24          | 0.48    |
| 2001 | 935        | 340     | 36 | 1.27          | 0.46    |

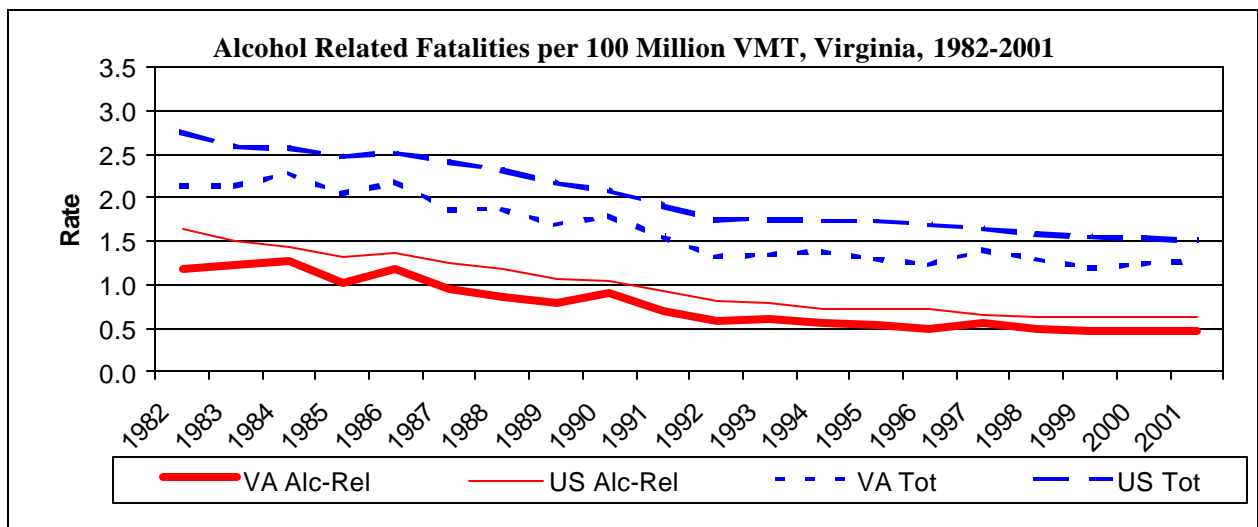
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**VIRGINIA**

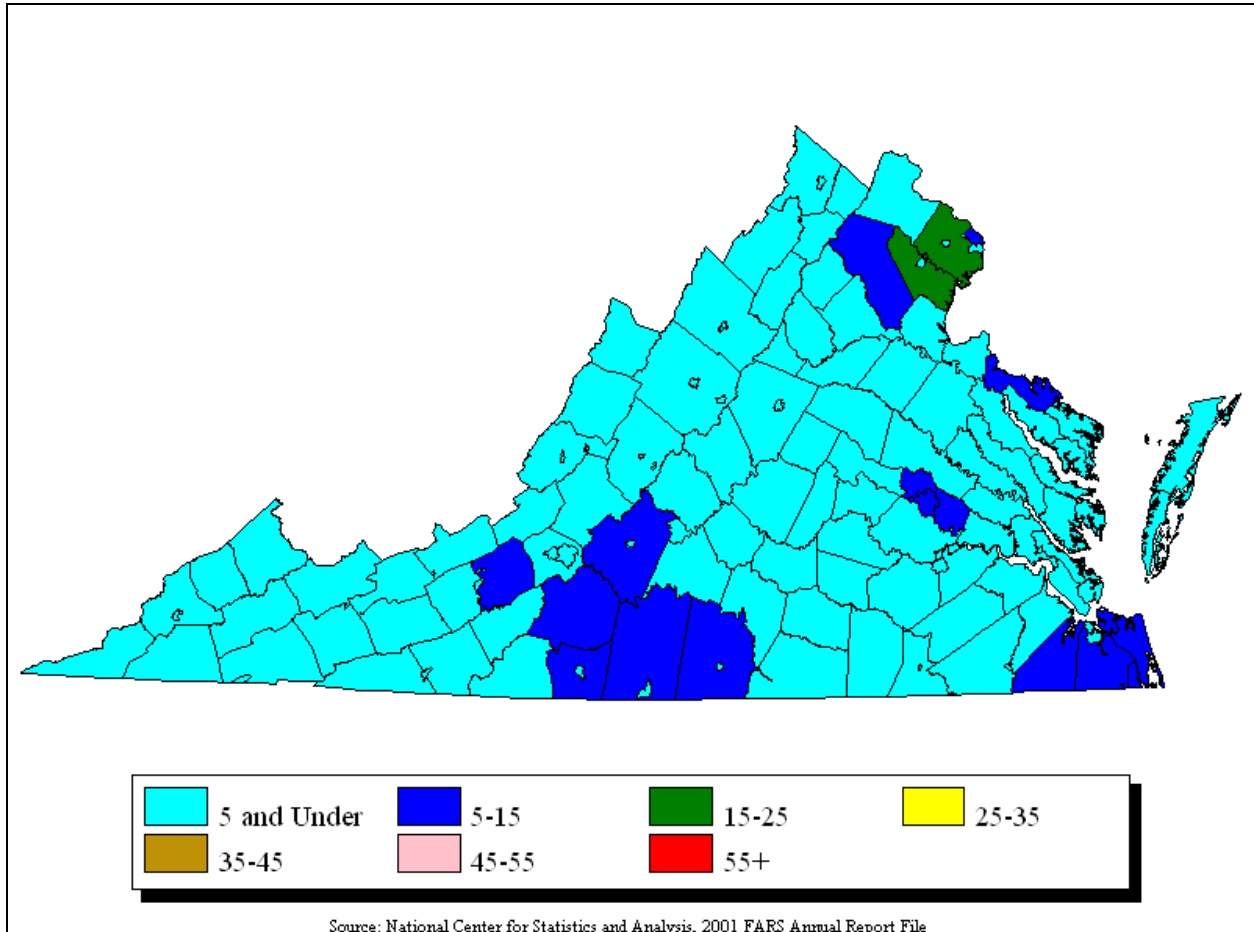
| Change in AR-Rates over time, Virginia vs. US |          |      |
|---|----------|------|
| Time Period                                   | Virginia | US   |
| 1982 to 2001                                  | -61%     | -62% |
| Last 10 years                                 | -34%     | -32% |
| Last 5 years                                  | -8%      | -11% |
| Last 3 Years                                  | -6%      | 0%   |
| Last 1 Year                                   | -4%      | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/94) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 748        | 482     | 64 | 2.39          | 1.54    |
| 1983 | 698        | 421     | 60 | 1.93          | 1.16    |
| 1984 | 746        | 421     | 56 | 2.18          | 1.23    |
| 1985 | 744        | 407     | 55 | 2.16          | 1.18    |
| 1986 | 703        | 422     | 60 | 1.95          | 1.17    |
| 1987 | 780        | 431     | 55 | 2.02          | 1.12    |
| 1988 | 778        | 464     | 60 | 1.86          | 1.11    |
| 1989 | 781        | 428     | 55 | 1.81          | 0.99    |
| 1990 | 825        | 475     | 58 | 1.85          | 1.06    |
| 1991 | 682        | 370     | 54 | 1.47          | 0.80    |
| 1992 | 651        | 339     | 52 | 1.32          | 0.69    |
| 1993 | 661        | 340     | 51 | 1.43          | 0.74    |
| 1994 | 640        | 317     | 49 | 1.35          | 0.67    |
| 1995 | 653        | 322     | 49 | 1.33          | 0.65    |
| 1996 | 712        | 361     | 51 | 1.44          | 0.73    |
| 1997 | 674        | 304     | 45 | 1.32          | 0.60    |
| 1998 | 662        | 313     | 47 | 1.27          | 0.60    |
| 1999 | 637        | 274     | 43 | 1.21          | 0.52    |
| 2000 | 631        | 286     | 45 | 1.18          | 0.54    |
| 2001 | 649        | 281     | 43 | 1.21          | 0.52    |

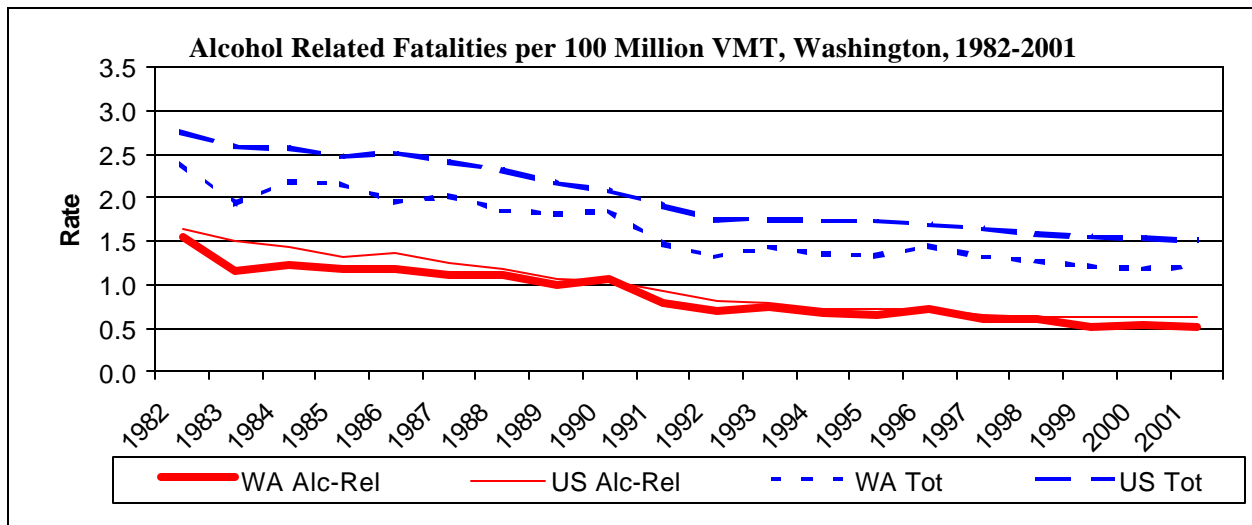
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# WASHINGTON

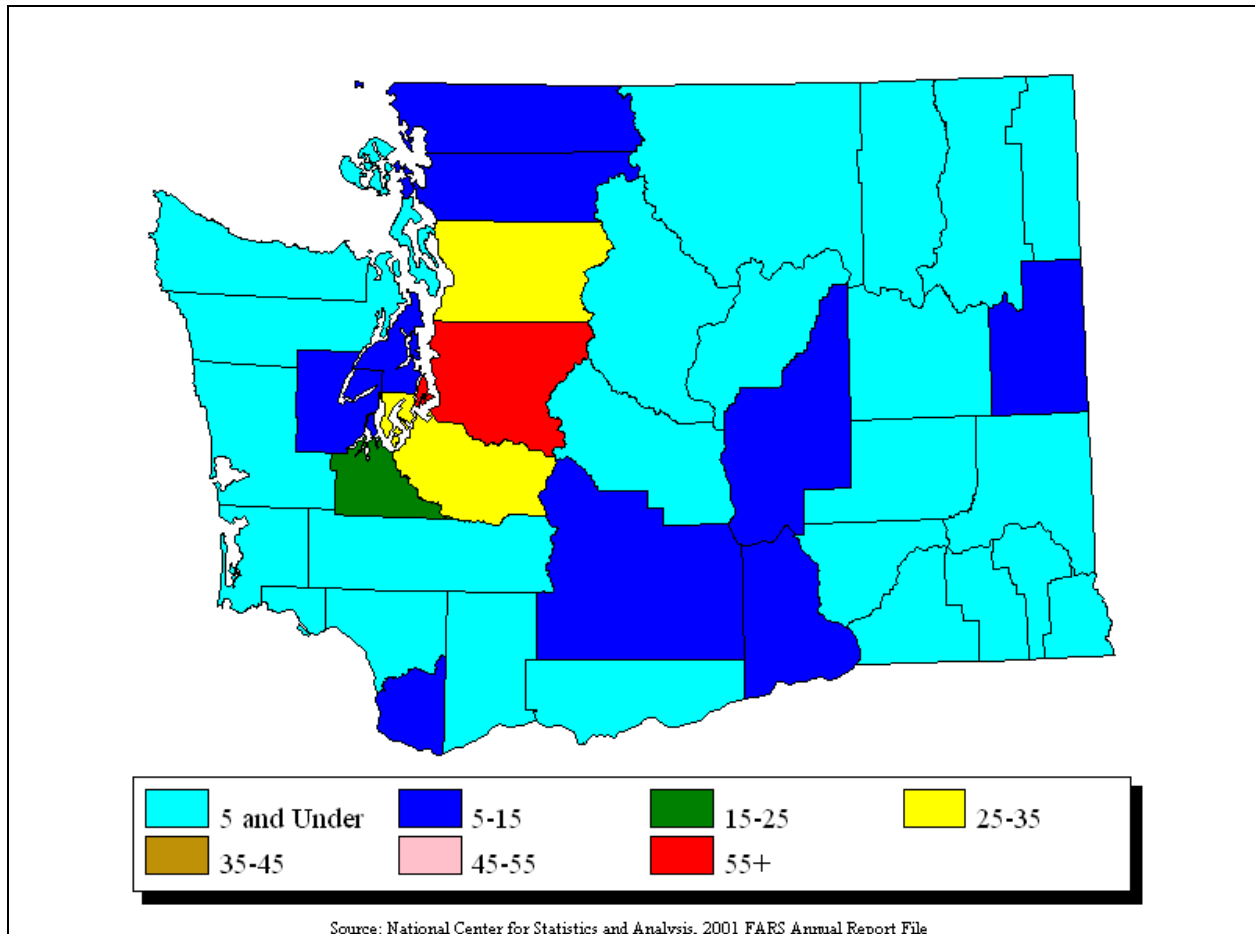
| Change in AR-Rates over time, Washington vs. US |            |      |
|---|------------|------|
| Time Period                                     | Washington | US   |
| 1982 to 2001                                    | -66%       | -62% |
| Last 10 years                                   | -35%       | -32% |
| Last 5 years                                    | -29%       | -11% |
| Last 3 Years                                    | -13%       | 0%   |
| Last 1 Year                                     | -4%        | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.08            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (01/01/99) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 450        | 244     | 54 | 4.12          | 2.23    |
| 1983 | 425        | 253     | 60 | 3.63          | 2.16    |
| 1984 | 438        | 238     | 54 | 3.46          | 1.88    |
| 1985 | 420        | 219     | 52 | 3.32          | 1.73    |
| 1986 | 440        | 242     | 55 | 3.34          | 1.84    |
| 1987 | 471        | 239     | 51 | 3.43          | 1.74    |
| 1988 | 460        | 250     | 54 | 3.31          | 1.80    |
| 1989 | 468        | 235     | 50 | 3.13          | 1.57    |
| 1990 | 481        | 239     | 50 | 3.12          | 1.55    |
| 1991 | 414        | 202     | 49 | 2.58          | 1.26    |
| 1992 | 420        | 203     | 48 | 2.55          | 1.23    |
| 1993 | 429        | 190     | 44 | 2.56          | 1.13    |
| 1994 | 356        | 162     | 46 | 2.08          | 0.95    |
| 1995 | 376        | 168     | 45 | 2.16          | 0.96    |
| 1996 | 348        | 138     | 40 | 1.97          | 0.78    |
| 1997 | 381        | 152     | 40 | 2.08          | 0.83    |
| 1998 | 354        | 150     | 42 | 1.90          | 0.80    |
| 1999 | 395        | 149     | 38 | 2.08          | 0.78    |
| 2000 | 411        | 181     | 44 | 2.14          | 0.94    |
| 2001 | 376        | 135     | 36 | 1.91          | 0.68    |

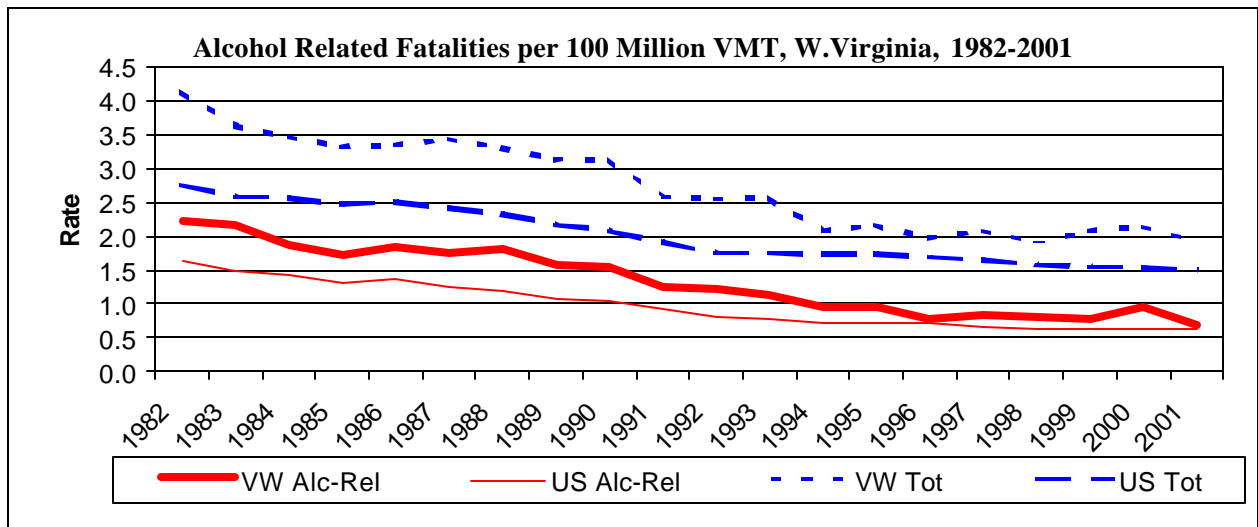
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## WEST VIRGINIA

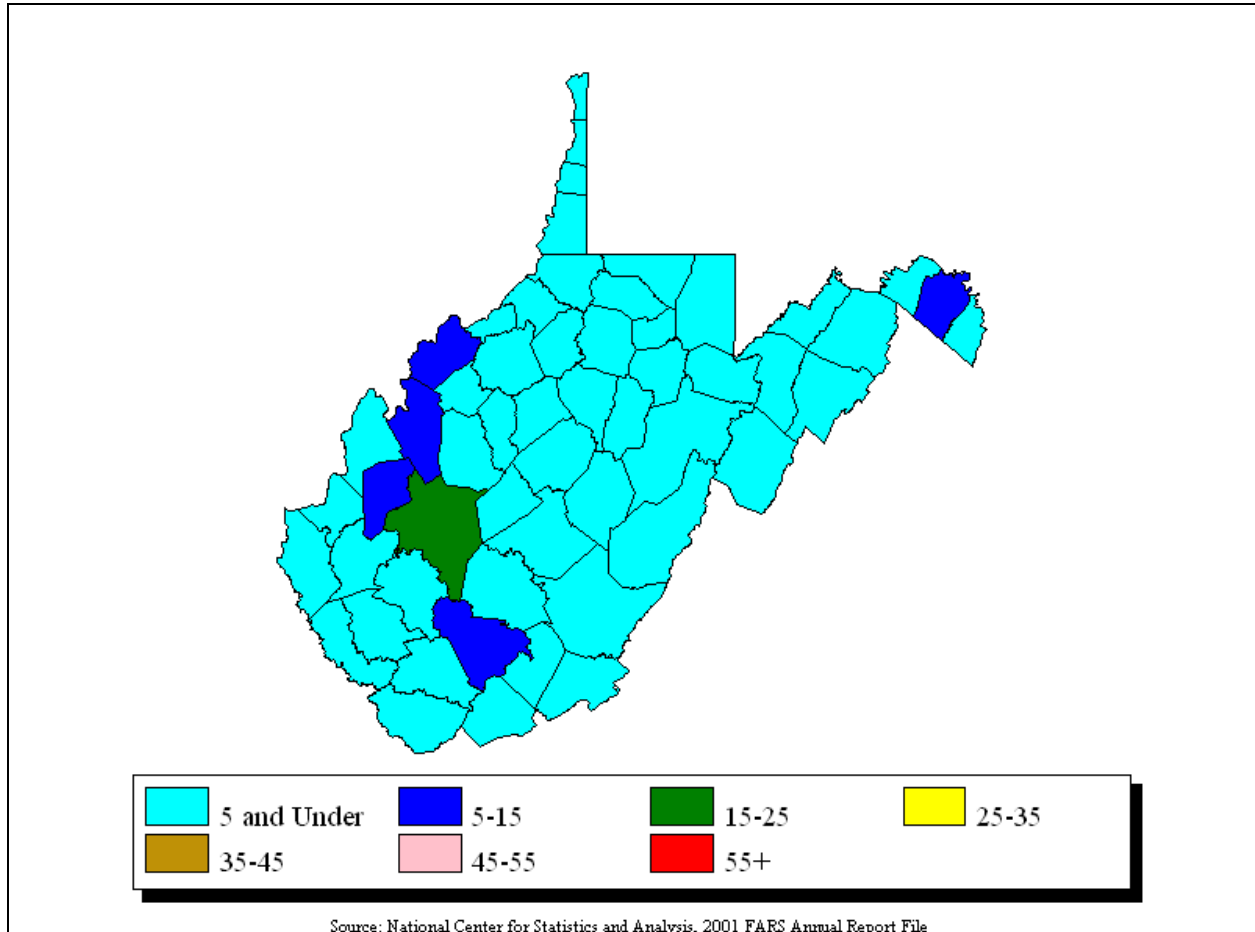
| Change in AR-Rates over time, West Virginia vs. US |            |      |
|--|------------|------|
| Time Period  | W.Virginia | US   |
| 1982 to 2001                                       | -70%       | -62% |
| Last 10 years                                      | -46%       | -32% |
| Last 5 years                                       | -13%       | -11% |
| Last 3 Years                                       | -15%       | 0%   |
| Last 1 Year  | -28%       | 0%   |

| Impaired Driving Legislations*            |           |
|---|-----------|
| Law                                       | BAC Level |
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



## Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 770        | 479     | 62 | 2.35          | 1.46    |
| 1983 | 725        | 453     | 63 | 2.13          | 1.33    |
| 1984 | 822        | 482     | 59 | 2.31          | 1.36    |
| 1985 | 744        | 404     | 54 | 2.03          | 1.10    |
| 1986 | 747        | 428     | 57 | 1.94          | 1.11    |
| 1987 | 797        | 450     | 56 | 1.98          | 1.12    |
| 1988 | 807        | 462     | 57 | 1.90          | 1.09    |
| 1989 | 817        | 397     | 49 | 1.90          | 0.92    |
| 1990 | 769        | 370     | 48 | 1.74          | 0.84    |
| 1991 | 797        | 362     | 45 | 1.75          | 0.80    |
| 1992 | 652        | 302     | 46 | 1.37          | 0.63    |
| 1993 | 714        | 330     | 46 | 1.45          | 0.67    |
| 1994 | 712        | 311     | 44 | 1.42          | 0.62    |
| 1995 | 745        | 323     | 43 | 1.45          | 0.63    |
| 1996 | 761        | 325     | 43 | 1.44          | 0.62    |
| 1997 | 725        | 335     | 46 | 1.33          | 0.62    |
| 1998 | 714        | 304     | 43 | 1.26          | 0.54    |
| 1999 | 745        | 310     | 42 | 1.31          | 0.54    |
| 2000 | 799        | 350     | 44 | 1.40          | 0.61    |
| 2001 | 763        | 364     | 48 | 1.33          | 0.64    |

Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

## WISCONSIN

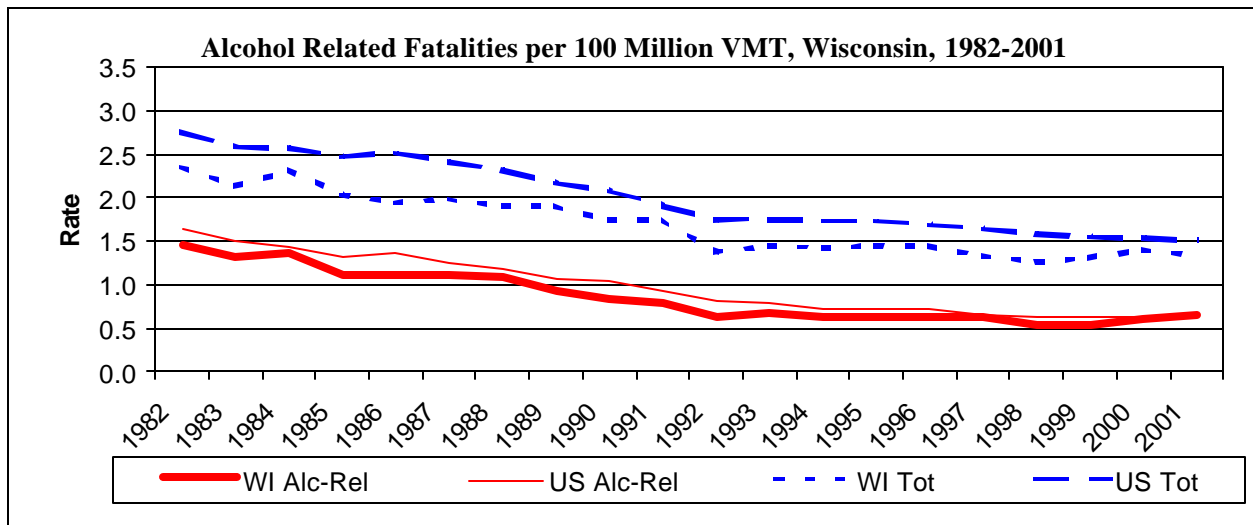
### Change in AR-Rates over time, Wisconsin vs. US

| Time Period   | Wisconsin | US   |
|---------------|-----------|------|
| 1982 to 2001  | -56%      | -62% |
| Last 10 years | -20%      | -32% |
| Last 5 years  | 3%        | -11% |
| Last 3 Years  | 19%       | 0%   |
| Last 1 Year   | 5%        | 0%   |

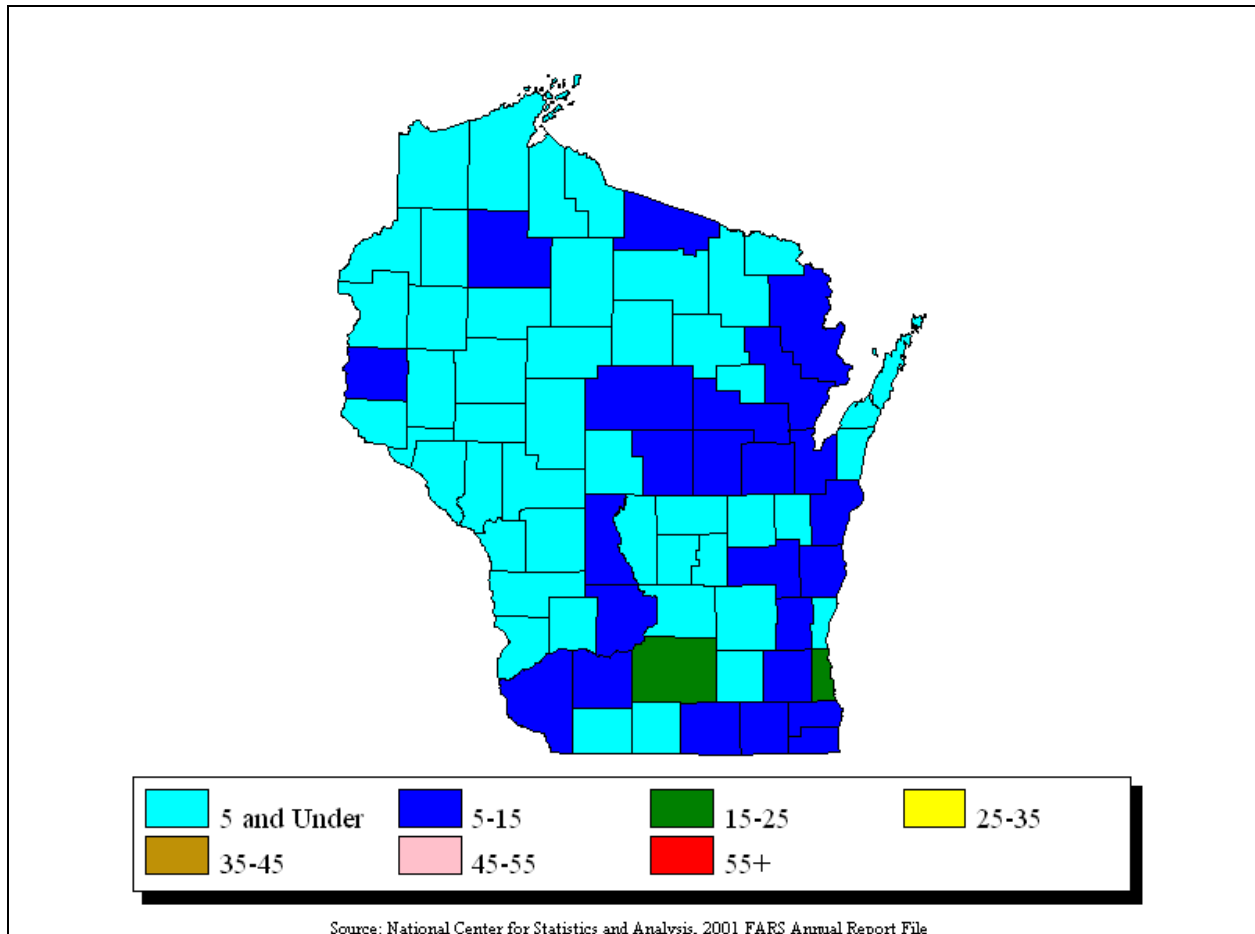
### Impaired Driving Legislations\*

| Law                                       | BAC Level |
|---|-----------|
| Administrative Per Se BAC Level           | 0.10      |
| Illegal Per Se BAC Level (Effective Date) | 0.10 (-)  |
| Youthful (under 21) Offenders BAC Level   | 0.02      |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Source: National Center for Statistics and Analysis, 2001 FARS Annual Report File



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 201        | 118     | 59 | 3.81          | 2.23    |
| 1983 | 173        | 98      | 57 | 3.42          | 1.94    |
| 1984 | 157        | 88      | 56 | 3.06          | 1.72    |
| 1985 | 152        | 83      | 54 | 2.81          | 1.54    |
| 1986 | 168        | 92      | 55 | 3.13          | 1.71    |
| 1987 | 129        | 72      | 56 | 2.40          | 1.34    |
| 1988 | 155        | 79      | 51 | 2.74          | 1.40    |
| 1989 | 127        | 60      | 47 | 2.21          | 1.04    |
| 1990 | 125        | 77      | 62 | 2.14          | 1.32    |
| 1991 | 122        | 56      | 46 | 2.03          | 0.93    |
| 1992 | 118        | 67      | 57 | 1.90          | 1.08    |
| 1993 | 120        | 50      | 42 | 1.77          | 0.74    |
| 1994 | 144        | 72      | 50 | 2.15          | 1.08    |
| 1995 | 170        | 85      | 50 | 2.41          | 1.21    |
| 1996 | 143        | 59      | 42 | 1.94          | 0.80    |
| 1997 | 137        | 44      | 32 | 1.81          | 0.58    |
| 1998 | 154        | 71      | 46 | 1.92          | 0.88    |
| 1999 | 189        | 71      | 38 | 2.42          | 0.91    |
| 2000 | 152        | 49      | 32 | 1.88          | 0.61    |
| 2001 | 186        | 81      | 44 | 2.16          | 0.94    |

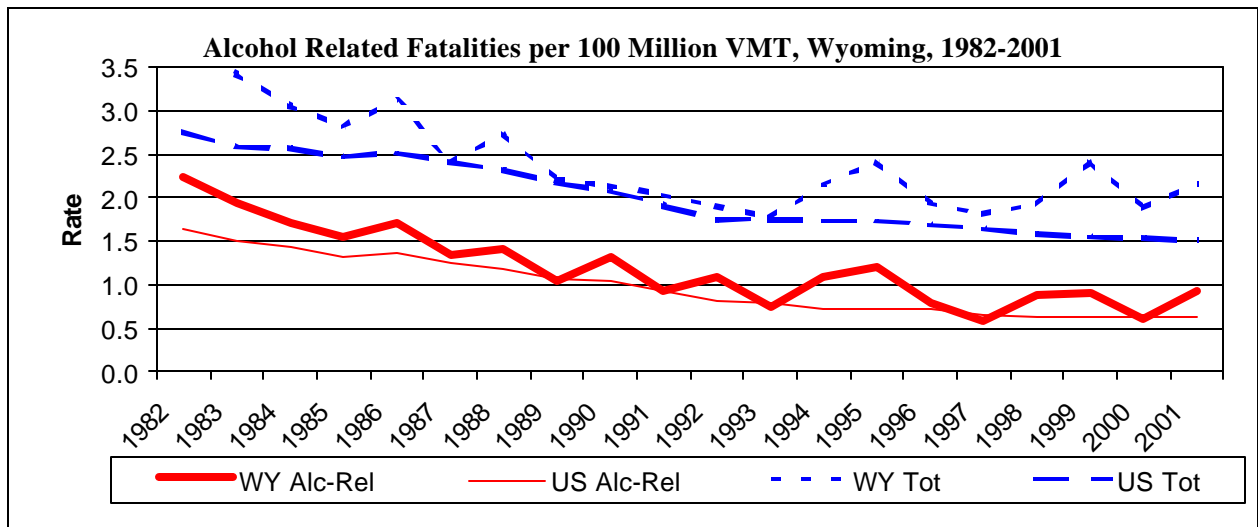
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

# WYOMING

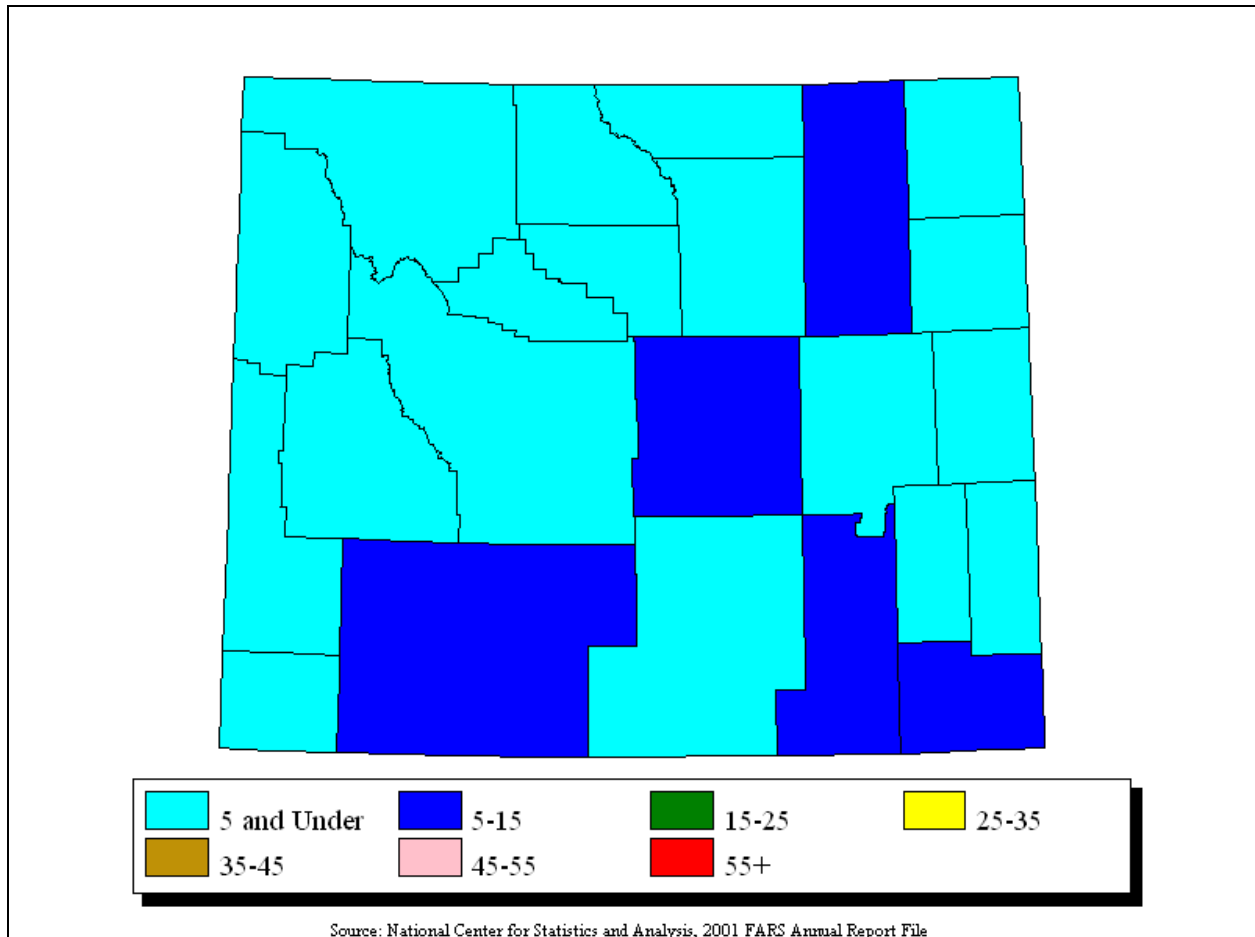
| Change in AR-Rates over time, Wyoming vs. US |         |      |
|--|---------|------|
| Time Period                                  | Wyoming | US   |
| 1982 to 2001                                 | -58%    | -62% |
| Last 10 years                                | 1%      | -32% |
| Last 5 years                                 | 18%     | -11% |
| Last 3 Years                                 | 7%      | 0%   |
| Last 1 Year                                  | 54%     | 0%   |

| Impaired Driving Legislations*            |                 |
|---|-----------------|
| Law                                       | BAC Level       |
| Administrative Per Se BAC Level           | 0.10            |
| Illegal Per Se BAC Level (Effective Date) | 0.08 (07/01/02) |
| Youthful (under 21) Offenders BAC Level   | 0.02            |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]



Fatalities and Fatality Rate per 100 Million VMT

| Year | Fatalities |         |    | Fatality Rate |         |
|------|------------|---------|----|---------------|---------|
|      | Tot        | Alc-Rel | %  | Tot           | Alc-Rel |
| 1982 | 480        | 267     | 56 | 5.46          | 3.03    |
| 1983 | 514        | 294     | 57 | 5.81          | 3.32    |
| 1984 | 545        | 349     | 64 | 4.92          | 3.15    |
| 1985 | 600        | 383     | 64 | 5.74          | 3.66    |
| 1986 | 592        | 392     | 66 | 5.40          | 3.58    |
| 1987 | 614        | 383     | 62 | 5.53          | 3.45    |
| 1988 | 585        | 384     | 66 | 5.03          | 3.30    |
| 1989 | 543        | 321     | 59 | 4.27          | 2.52    |
| 1990 | 473        | 285     | 60 | 3.68          | 2.22    |
| 1991 | 495        | 267     | 54 | 3.80          | 2.05    |
| 1992 | 571        | 333     | 58 | 4.18          | 2.44    |
| 1993 | 600        | 337     | 56 | 4.39          | 2.47    |
| 1994 | 598        | 308     | 52 | 4.14          | 2.13    |
| 1995 | 595        | 327     | 55 | 3.83          | 2.10    |
| 1996 | 601        | 322     | 54 | 3.83          | 2.05    |
| 1997 | 592        | 293     | 49 | 3.66          | 1.81    |
| 1998 | 558        | 291     | 52 | 3.38          | 1.76    |
| 1999 | 558        | 249     | 45 | 3.28          | 1.47    |
| 2000 | 568        | 268     | 47 | 3.23          | 1.53    |
| 2001 | 481        | 246     | 51 | 2.70          | 1.38    |

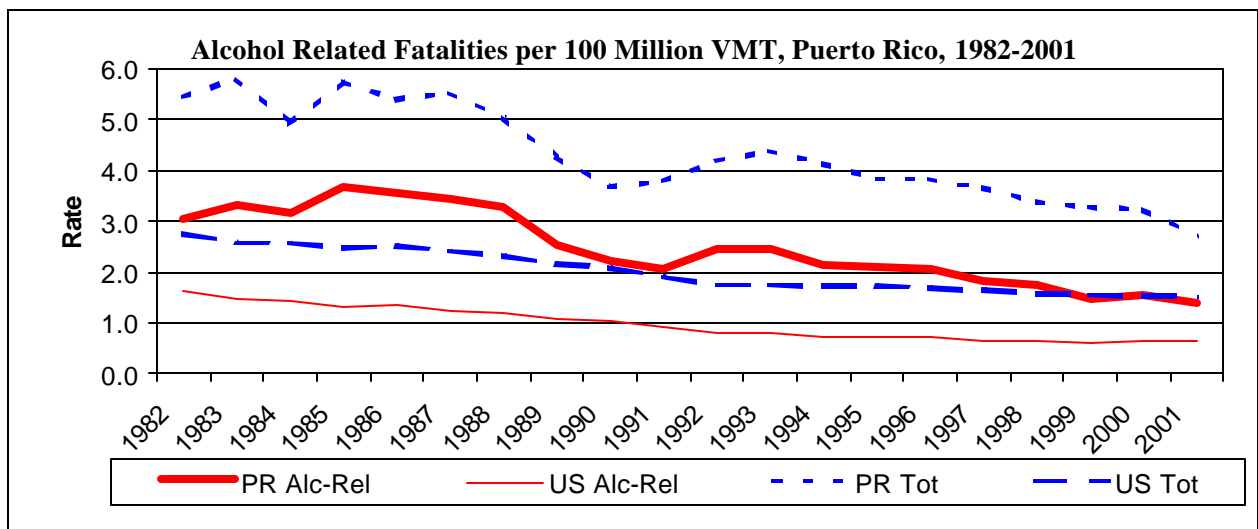
Source: 1982-2000 (Final) FARS Files and 2001 FARS Annual Report File, FHWA's Highway Statistics Annual Series

**PUERTO RICO**

| Change in AR-Rates over time, Puerto Rico vs. US |             |      |
|--|-------------|------|
| Time Period                                      | Puerto Rico | US   |
| 1982 to 2001                                     | -54%        | -62% |
| Last 10 years                                    | -33%        | -32% |
| Last 5 years                                     | -33%        | -11% |
| Last 3 Years                                     | -22%        | 0%   |
| Last 1 Year                                      | -10%        | 0%   |

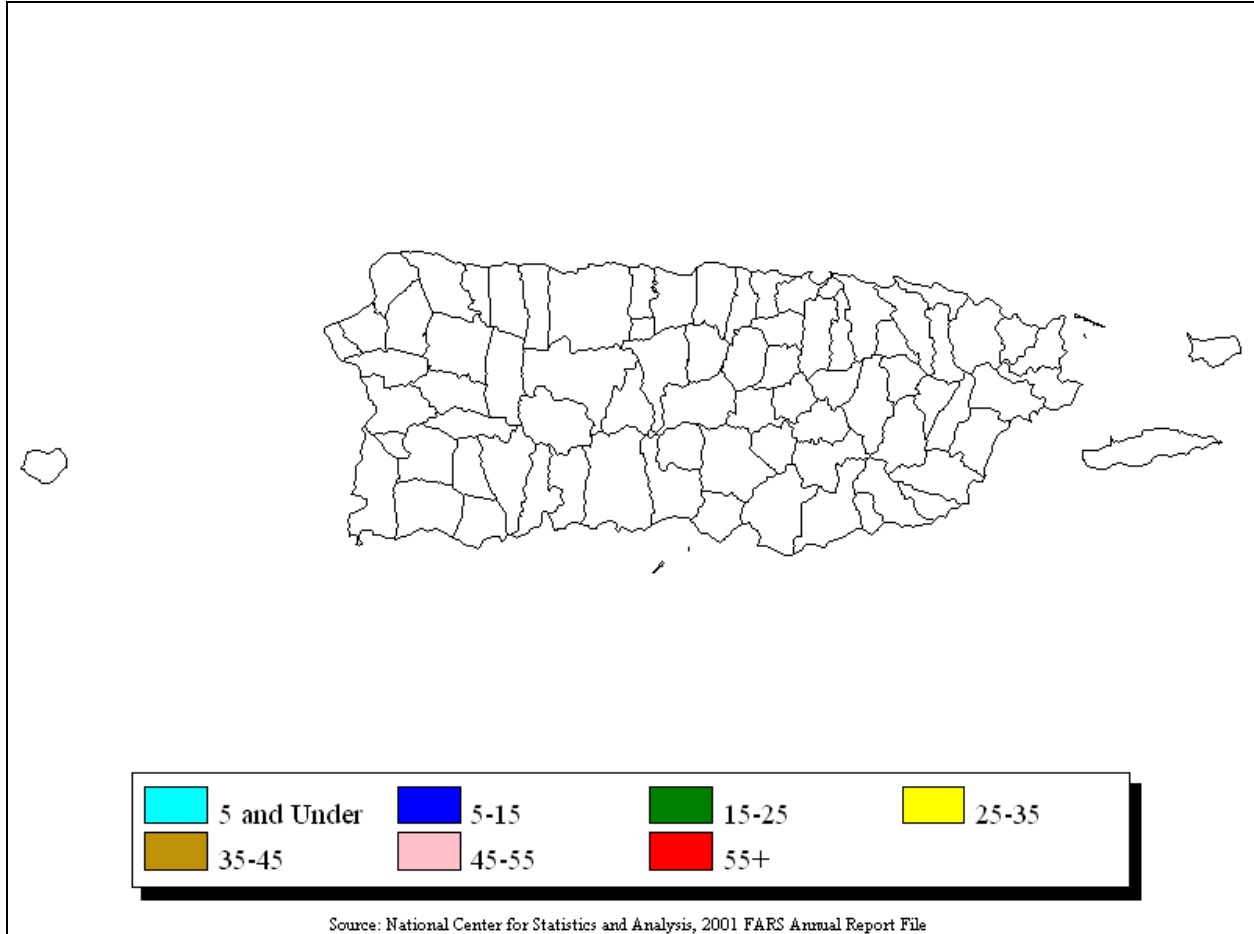
| Impaired Driving Legislations*                     |                    |
|--|--------------------|
| Law  | BAC Level          |
| Administrative Per Se BAC Level                    | None               |
| Illegal Per Se BAC Level ( <i>Effective Date</i> ) | 0.08<br>(01/10/01) |
| Youthful (under 21) Offenders BAC Level            | None               |

\*As of 09/03/2002



Alcohol Related Fatalities by County [2001]

NOTE: COUNTY CODE INFORMATION WAS NOT AVAILABLE FOR PUERTO RICO



## Discussion

This document is intended to serve as a reference for regional analyses of alcohol involvement in fatal crashes. The alcohol related fatality rate per 100 Million VMT can be used as a metric that is normalized with respect to the extent of the traffic fatality problem for any given state. The 1982-2001 summary figures on change in fatalities in rates serve to indicate the change in the alcohol problem in motor vehicle crashes with respect to 1982, the data year for which NHTSA began quantifying alcohol involvement in fatal crashes.

## References

1. FHWA (2002) *Highway Statistics. Annual Report*, FHWA-PL-02-008, Federal Highway Administration, Department of Transportation.
2. NHTSA (2002) *Traffic Safety Facts 2001. Report* DOT-HS-809-484, National Highway Traffic Safety Administration, Department of Transportation.
3. Subramanian, R. (2002) *Transitioning to Multiple Imputation: A New Method to Estimate Missing Blood Alcohol Concentration (BAC) values in FARS Report* DOT-HS-809-403, National Highway Traffic Safety Administration, Department of Transportation.

For additional copies of this Technical Report, please call (202) 366-4198 or fax your request to (202) 366-3189. For questions regarding the data reported in this research, contact Rajesh Subramanian [202-366-5371]. Internet users may access this research note and other general information on highway traffic safety at: <http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/AvailInf.html>

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