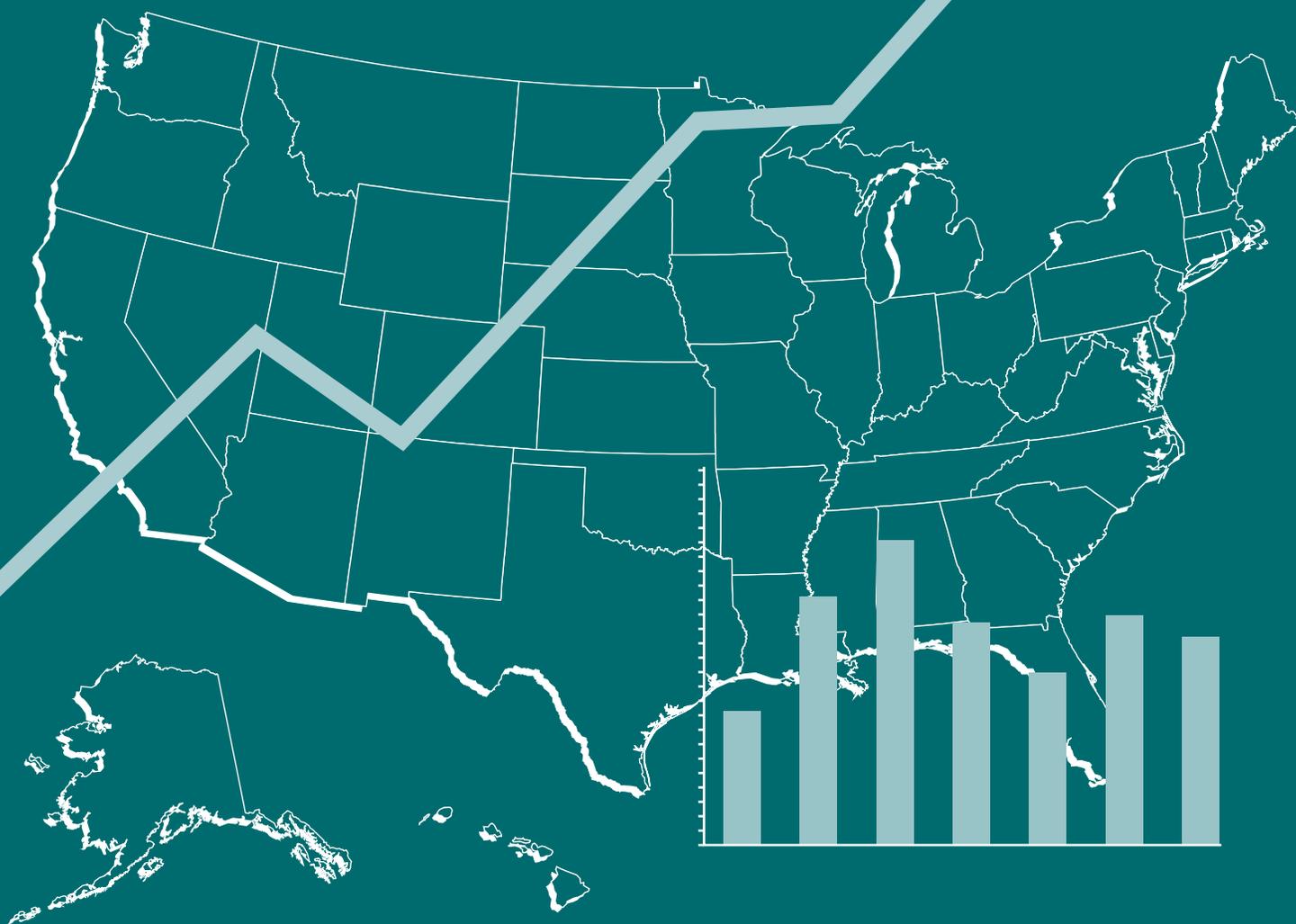


U.S. Alcohol Epidemiologic Data Reference Manual
Volume 1, 4th Edition, June 2004

U.S. Apparent Consumption of Alcoholic Beverages

Based on State Sales, Taxation, or Receipt Data



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health
National Institute on Alcohol Abuse and Alcoholism

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Data Reference Manual
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OF ALCOHOLIC BEVERAGES
BASED ON STATE SALES,
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National Institutes of Health

National Institute on Alcohol Abuse and Alcoholism
5635 Fishers Lane
Bethesda, MD 20892

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FOREWORD

This Alcohol Epidemiologic Data Reference Manual (AEDRM) is part of a series of manuals that provide extensive data and other information useful to researchers, health care planners, and others interested in alcohol abuse, associated illnesses, and alcohol-related mortality. It is hoped that these documents, prepared for the National Institute on Alcohol Abuse and Alcoholism (NIAAA), will serve as a useful reference for both researchers and others interested in the alcoholism field.

This manual is the fourth edition of Volume 1 of the AEDRM series, and provides an extensive compilation of U.S. alcohol consumption data on a national, State, and regional level. The data presented in this manual are for all alcoholic beverages sold in the United States, namely beer, wine, and spirits. The data are based either on information reported directly to AEDS by individual States and the District of Columbia or on shipments data provided by the alcoholic beverage industry. For various reasons noted in the report, the data should be viewed as approximations, or estimates, of alcohol consumption.

Other volumes of the AEDRM series include information on liver cirrhosis mortality, county alcohol problem indicators, hospital discharges with alcohol-related conditions, State trends in drinking behaviors and in alcohol-related mortality, and results from the National Longitudinal Alcohol Epidemiologic Survey.

INTRODUCTION

This Alcohol Epidemiologic Data Reference manual (AEDRM) deals with alcohol consumption as measured by State-reported sales, tax receipt data, or beverage industry data representing shipments of alcoholic beverages to a State or within a State. The present manual supersedes any previous AEDRMs on per capita alcohol consumption, including any National Institute on Alcohol Abuse and Alcoholism (NIAAA) annual surveillance report presenting data on per capita alcohol consumption prior to 2000. We hope that this information on apparent per capita alcohol consumption is of value to State alcohol authorities, planners, health care providers, and researchers interested in the alcohol field. The data should be considered only as an approximation of consumption at a national, State, or regional level.

In this manual, data reported directly to the Alcohol Epidemiologic Data System (AEDS) by alcohol beverage control boards or other State agencies are used whenever possible, because such sales data are closest to actual consumption. Beer may include both strong beer (greater than 3.2% alcohol), ale, malt liquor, and similar types of beverages, depending on State law and reporting practices. Wine may include such beverages as vermouth, champagne, sparkling wine, cider, etc., and may or may not be broken down in the State or beverage industry reports. The category of distilled spirits is the broadest of the beverage categories and includes everything from whiskey, scotch, gin, cordials, and liqueurs to premixed cocktails, again depending on legislation within each individual State.

State information is presented in (1) total volume of beverage and total volume of ethanol in thousands of gallons, and (2) per capita consumption in gallons of ethanol and in deciles based on population age 14 and older.

AEDS uses an estimate of average ethanol content to convert the gallons of sold or shipped beer, wine, and spirits into gallons of ethanol (pure alcohol). Throughout this manual, the following conversion factors have been used during the indicated years to convert volume of beverage sold or shipped to volume of ethanol:

Beer	(1850–1919)	5.0%
	(1934–2000)	4.5%
Wine	(1850–1951)	18.0%
	(1952–1968)	17.0%
	(1969–1971)	16.0%
	(1972–1976)	14.5%
	(1977–2000)	12.9%
Spirits	(1850–1971)	45.0%
	(1972–1976)	43.0%
	(1977–2000)	41.1%

Because these percentages may differ from factors published by beverage industry sources, the user of this manual should be cautious in making comparisons between data reported here and

similar types of data reported in other sources. AEDS is investigating ethanol conversion factors, based on recent publications (e.g., Kerr and Greenfield, 2003), which may be addressed in future editions. Generally, the per capita consumption estimates presented in this manual tend to be conservative because denominator data are based on persons age 14 and older and a combination of alcoholic beverage shipments data and State sales or tax receipt data are used. It is also important to note that all of the per capita estimates in this manual are based on gallons of ethanol, allowing comparisons across beverage types.

The first chapter of this manual presents national, regional, and State data on apparent per capita alcohol consumption in various tables and figures. These tables and figures are described in more detail in the beginning of Chapter 1.

The second chapter presents trend data in both tabular and graphic forms for each State and region as well as the entire nation. The table presents each beverage type, including beverage volume, ethanol volume, decile ranks, and per capita consumption and total absolute alcohol and per capita consumption. The trend in per capita consumption also is plotted on a graph for each beverage type and for all beverages. See the beginning of Chapter 2 for a further description of this table and accompanying figures.

There are two appendices in this manual; they are described as follows:

- 1) Appendix A—Additional Tables to Assist Further Research
- 2) Appendix B—Data Sources and Limitations

Appendix A presents State, regional, and national population estimates (in 1,000s) for the populations 14 years and older and 21 years and older. These population estimates are presented to make denominator data available and to assist researchers in making consumption estimates for populations 21 and older, if they desire. Per capita consumption figures for populations age 21 years and older are not presented in this manual. It is important to note that AEDS replaced 1990s population estimates used in the previous edition of this manual with reestimated population data for the 1990s that bridge the 1990 and 2000 censuses. This resulted in minor changes (mainly slight decreases) in calculated per capita consumption for the 1990s compared with figures presented in the previous edition.

Appendix B describes the limitations to consider when using the consumption data presented in this manual. These limitations range from differences in State reporting practices, to invariant national apparent ethanol contents, to time-delay factors, to the effects of tourism, business travel, and migration, and should be considered when interpreting alcohol consumption trends.

As stated earlier, AEDS makes every effort to use sales or tax receipt data obtained from individual States to calculate consumption figures. However, some States reported their sales or tax receipt data only on a fiscal year basis. State data were used only when reported on a calendar year basis. Data not available from the State sources were obtained from industry sources such as the United States Brewers Association, Inc., the Distilled Spirits Council of the United States, the Wine Institute, Jobson Publications, Inc. (Now Adams Beverage Group, Bev-Al Communications, Inc.), Steve Barsby & Associates, M. Shanken Communications, Inc., and Motto, Kryla, and Fisher, LLP.

DEFINITIONS OF TERMS USED IN THIS MANUAL

APPARENT CONSUMPTION—Alcoholic beverage consumption derived from official reports of States, tax-paid withdrawal records, or reports of shipments data by the beverage industry. The word *apparent* is pertinent because the estimates are based on reports on the volume of alcoholic beverages released to the market for sale and not on reports of individuals concerning their alcohol consumption.

DECILE—The one of 10 groups, based on high-to-low distribution of total per capita ethanol consumption, to which a State or the District of Columbia belongs. Placement in the first decile indicates that the State ranks among the top 10 percent of States in total per capita ethanol consumption. Placement in the second decile indicates the top 20 percent, and so on.

DRINKING-AGE POPULATION—For purposes of this report and most previous NIAAA reports on per capita consumption, the U.S. population that is 14 years and older. Age 14 is not the legal age for drinking, but there is continuing evidence that many 14-year-olds drink alcoholic beverages (Johnston et al, 2003).

ETHANOL—Pure ethyl alcohol, whether from beer, wine, or spirits. This term is used synonymously with absolute alcohol.

PER CAPITA CONSUMPTION—The quantity, in gallons, per person for a specific population group. In this manual, per capita figures are expressed in quantity of gallons of ethanol per person 14 years and older.

PROOF—Standard strength or alcohol content of spirits, that relates to proof gallons on which Federal excise taxes of spirits are based. For example, 200 proof is equivalent to 100 percent ethanol; 80 proof is equivalent to 40 percent ethanol by volume, and so forth. Ethanol in beer and wine usually is reported as percent alcohol.

REGION—A particular group of States, as defined by the U.S. Census Bureau. The following are the regions and the States they comprise:

- **Northeast**—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont;
- **Midwest**—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin;
- **South**—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia;
- **West**—Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

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CHAPTER 1

NATIONAL, REGIONAL, AND STATE TREND DATA

Introduction

This first chapter of the manual contains data tables and figures that permit the reader to make comparisons between the States or regions of the United States and the country as a whole. For the most part, coverage of the manual is limited to the years 1970 through 2000, because those years represent the most reliable source of State-reported data available to AEDS. However, there is a table that reports data from 1850 through 2000 (excluding, of course, the Prohibition Period).

This manual reports a series of consumption estimates based on a drinking age population of 14 years and older. This age is used, even though it is lower than any of the States' minimum drinking ages, because it more accurately reflects age at first drink (as reported in national surveys), and reflects access to alcohol by teenagers. The reader should note that although the per capita alcohol consumption estimates presented in this document are based on a population age 14 and older for years 1970 through 2000, population figures for persons age 21 and older also are provided (Table A-2) to permit further calculations.

The reader is urged to keep in mind the limitations of the data presented in this chapter and the second chapter of the manual (see also Appendix B). The ethanol conversion factors listed in the introduction to the manual apply to the conversion from gallons sold or shipped to gallons of ethanol in the tables and figures. A brief description of the tables and figures as they are presented follows.

Figure 1

Figure 1 presents an area graph of per capita ethanol consumption in the United States for all alcoholic beverages combined for the years 1935 through 2000.

Table 1

This table presents national-level per capita ethanol consumption data for specified drinking age populations. The data for the years 1850 through 1969 are based on a drinking age of 15 years and older, while the data for years 1970 through 2000 are based on a drinking age of 14 years and older. Different conversions to absolute alcohol were used within the beverage types prior to 1977.

A further caution is necessary in the use of Table 1. These data were generated from various beverage industry sources for the period through 1978 and therefore will vary from State-reported consumption data. The reader should not attempt to compare data presented in this table for the period from 1970 through 1978 with data for the same years in other tables in this

manual. The per capita data for ethanol for the period 1979 through 2000 will be identical to later tables because this table has been revised with the same mix of data sources used to produce those tables.

The main purpose of this table is to allow the reader to examine both long-term and short-term national trends in the consumption of beverages that comprise the three major types reported in this manual. The total per capita consumption is presented to show small but steady changes in overall drinking levels.

A major, but necessary, omission in this table is any attempt to present data for the Prohibition Period (1920–1933). Because the U.S. Constitution mandated a prohibition on the manufacture, sale, and consumption of alcoholic beverages, any consumption that did exist was illegal and therefore not recorded.

Another major issue that affects the reporting of consumption data over time is taxation. It is not within the scope of this manual to try to correlate levels of drinking to the prevailing Federal, State, and local tax rates imposed on those beverages. It is suggested that readers who wish to study the issue of taxation of alcoholic beverages contact organizations such as the Beer Institute or the Distilled Spirits Council of the United States.

Figure 2

This figure is a graphic representation of data appearing in Table 1 for the years 1970 through 2000. It depicts U.S. per capita consumption by beverage type and total consumption for the specified years.

Figure 3

Figure 3 shows the percent change in per capita beer, wine, spirits, and overall consumption for each year (1971–2000) relative to its 1970 value.

Table 2

State (including the District of Columbia), regional, and overall apparent per capita ethanol consumption data are shown for 1970 through 2000. This table presents per capita consumption separately for beer, wine, spirits, and all beverages. This table also lists the lowest and the highest per capita consumption values for beer, wine, spirits, and all beverages in each State, region, and the United States throughout this 31-year period. The actual volume of beer, wine, and spirits sold or shipped into or within each State is converted into gallons of ethanol by multiplying by the appropriate factor. These ethanol figures are then divided by the corresponding population estimates presented in Table A-1 to derive the per capita ethanol consumption figures.

Figures 4–5

Figure 4 includes graphic representations of State-by-State per capita consumption of beer. The top map depicts data for 1970 and the bottom depicts data for 2000. The map in Figure 5 shows percentage change between 1970 and 2000 in per capita beer consumption for each State and the District of Columbia. Together these figures show how certain States have increased or decreased in their levels of per capita beer consumption. Figures 4–11 all include the District of Columbia.

Figures 6–7

Statewide per capita consumption of wine for 1970 and 2000 and the percent change between these 2 years are shown in a graphic format identical to that used in Figures 4 and 5.

Figures 8–9

Statewide per capita consumption of spirits for 1970 and 2000 and the percent change between these 2 years are shown in a graphic format identical to that used in Figures 4 and 5.

Figures 10–11

Statewide per capita consumption of all alcoholic beverages for 1970 and 2000 and the percent change between these 2 years are shown in a graphic format identical to that used in Figures 4 and 5.

Figures 12–15

Figures 12–15 present regional trends in per capita ethanol consumption of beer, wine, spirits, and all beverages (in that order) from 1970 through 2000. One advantage in using census regions as the unit of analysis is that the per capita consumption data can be compared with other Census Bureau data and with national surveys grouped by region.

Table 3

This table displays volume, ethanol, and per capita consumption estimates on a statewide, regional, and national level for the 31-year period from 1970 through 2000. This table allows the reader to compare per capita consumption of beer, wine, spirits, and all beverages from year to year, both for the same geographic region and between different geographic regions.

Summary

These tables and figures provide the reader with an overview of State and national consumption trends and patterns. Use of these data by researchers, planners, and other professionals interested in the field of alcohol abuse and alcoholism is encouraged, with the understanding that certain limitations exist (as detailed in Appendix B).

Figure 1. Total per capita ethanol consumption, United States, 1935–2000.

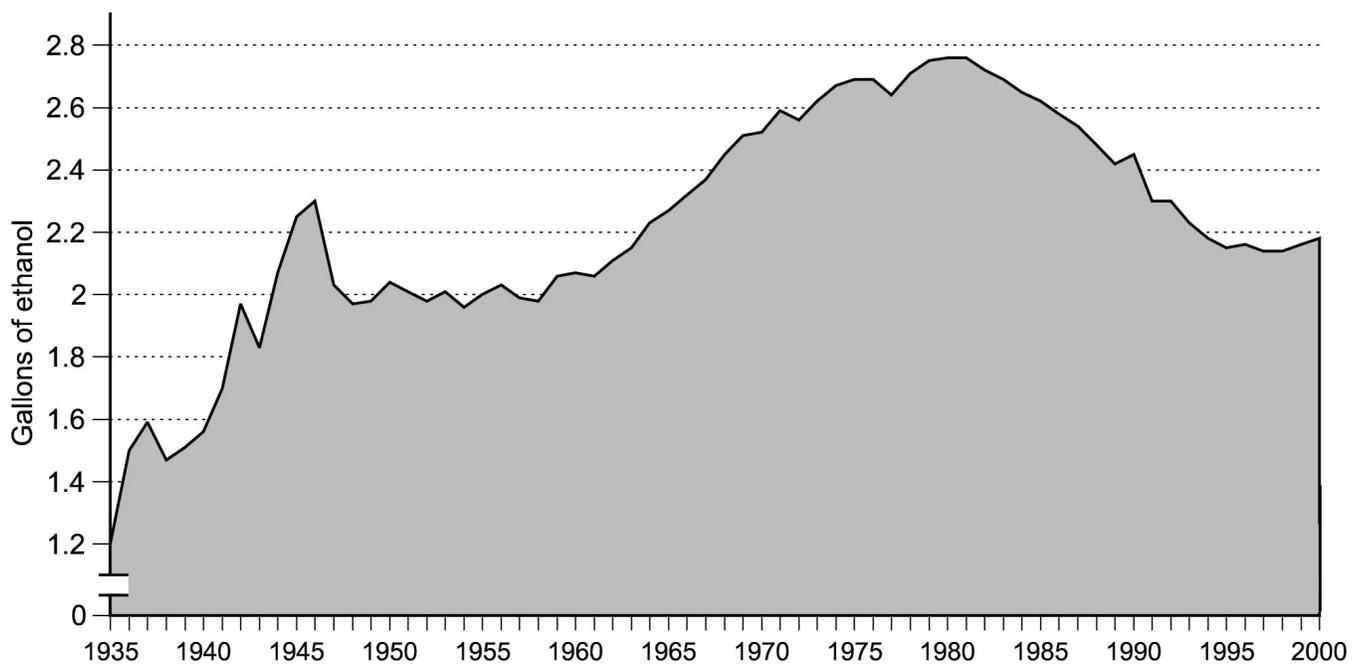


Table 1. Apparent per capita ethanol consumption for United States, 1850–2000.

Year	Beer	Wine	Spirits	All beverages
2000	1.22	0.31	0.65	2.18
1999	1.23	0.31	0.63	2.16
1998	1.22	0.30	0.62	2.14
1997	1.22	0.30	0.62	2.14
1996	1.23	0.30	0.63	2.16
1995	1.23	0.29	0.63	2.15
1994	1.25	0.28	0.65	2.18
1993	1.26	0.28	0.68	2.23
1992	1.29	0.30	0.71	2.30
1991	1.29	0.30	0.71	2.30
1990	1.34	0.33	0.77	2.45
1989	1.31	0.34	0.77	2.42
1988	1.33	0.36	0.79	2.48
1987	1.34	0.38	0.82	2.54
1986	1.34	0.39	0.84	2.58
1985	1.33	0.38	0.90	2.62
1984	1.35	0.37	0.94	2.65
1983	1.37	0.36	0.96	2.69
1982	1.38	0.36	0.98	2.72
1981	1.39	0.35	1.02	2.76
1980	1.38	0.34	1.04	2.76
1979	1.37	0.32	1.06	2.75
1978	1.33	0.31	1.07	2.71
1977	1.29	0.29	1.06	2.64
1976	1.27	0.32	1.10	2.69
1975	1.26	0.32	1.11	2.69
1974	1.25	0.31	1.11	2.67
1973	1.20	0.31	1.10	2.62
1972	1.17	0.30	1.09	2.56
1971	1.15	0.31	1.12	2.59
1970	1.14	0.27	1.11	2.52
1969	1.12	0.26	1.13	2.51
1968	1.09	0.26	1.10	2.45
1967	1.07	0.25	1.05	2.37
1966	1.06	0.24	1.02	2.32
1965	1.04	0.24	0.99	2.27
1964	1.04	0.24	0.95	2.23
1963	1.01	0.23	0.91	2.15
1962	0.99	0.22	0.90	2.11
1961	0.97	0.23	0.86	2.06
1960	0.99	0.22	0.86	2.07
1959	1.00	0.22	0.84	2.06
1958	0.96	0.22	0.80	1.98
1957	0.97	0.22	0.80	1.99
1956	1.00	0.22	0.81	2.03
1955	1.01	0.22	0.77	2.00
1954	1.01	0.21	0.74	1.96
1953	1.04	0.20	0.77	2.01
1952	1.04	0.21	0.73	1.98
1951	1.03	0.20	0.78	2.01
1950	1.04	0.23	0.77	2.04
1949	1.06	0.22	0.70	1.98
1948	1.07	0.20	0.70	1.97
1947	1.11	0.16	0.76	2.03
1946	1.07	0.24	0.99	2.30
1945	1.17	0.20	0.88	2.25
1944	1.13	0.18	0.76	2.07
1943	1.00	0.17	0.66	1.83
1942	0.90	0.22	0.85	1.97
1941	0.81	0.18	0.71	1.70

See footnotes at end of table.

Table 1. Apparent per capita ethanol consumption for United States, 1850–2000.
(Continued)

Year	Beer	Wine	Spirits	All beverages
1940	0.73	0.16	0.67	1.56
1939	0.75	0.14	0.62	1.51
1938	0.75	0.13	0.59	1.47
1937	0.82	0.13	0.64	1.59
1936	0.79	0.12	0.59	1.50
1935	0.68	0.09	0.43	1.20
1934				
(Prohibition)	84.66	18.49	68.60	171.75
1916-1919	1.08	0.12	0.76	1.96
1911-1915	1.48	0.14	0.94	2.56
1906-1910	1.47	0.17	0.96	2.60
1901-1905	1.31	0.13	0.95	2.39
1896-1900	1.19	0.10	0.77	2.06
1891-1895	1.17	0.11	0.95	2.23
1881-1890	0.90	0.14	0.95	1.99
1871-1880	0.56	0.14	1.02	1.72
1870	0.44	0.10	1.53	2.07
1860	0.27	0.10	2.16	2.53
1850	0.14	0.08	1.88	2.10

NOTE: Gallons of ethanol, based on population 15 years and older prior to 1970 and on population 14 years and older thereafter.

SOURCES: Williams, G.D.; Stinson, F.S.; Lane, J.D.; Tunson, S.L.; and Dufour, M.C. *Surveillance Report #39: Apparent Per Capita Alcohol Consumption: National, State and Regional Trends, 1977-94*. Rockville, MD: National Institute on Alcohol Abuse and Alcoholism, Division of Biometry and Epidemiology, Alcohol Epidemiologic Data System, December, 1996.

Data updated from: Hyman, M.; Zimmerman, M; Gurioli, C.; and Helrich, A. *Drinkers, Drinking and Alcohol-Related Mortality and Hospitalizations: A Statistical Compendium, 1980 Edition*. New Brunswick, NJ: Rutgers University, 1980.

Figure 2. Per capita ethanol consumption by beverage type, United States, 1970–2000.

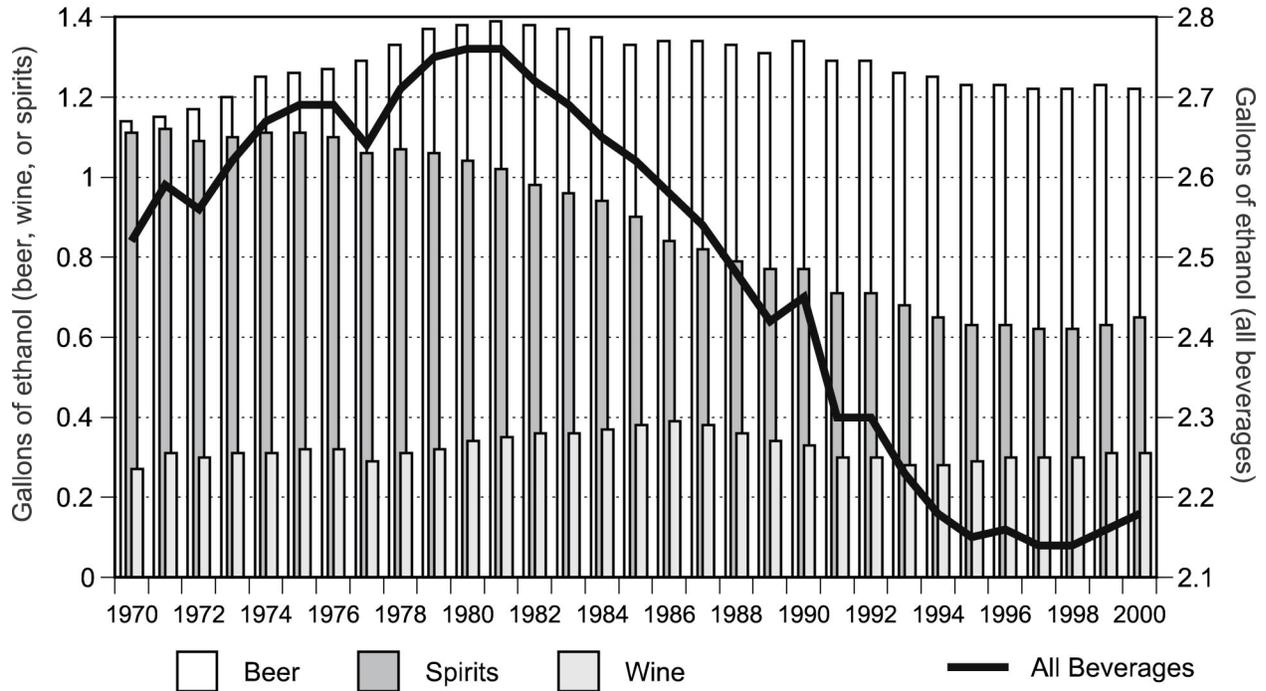


Figure 3. Percent change in percapita ethanol consumption, United States, 1970–2000.

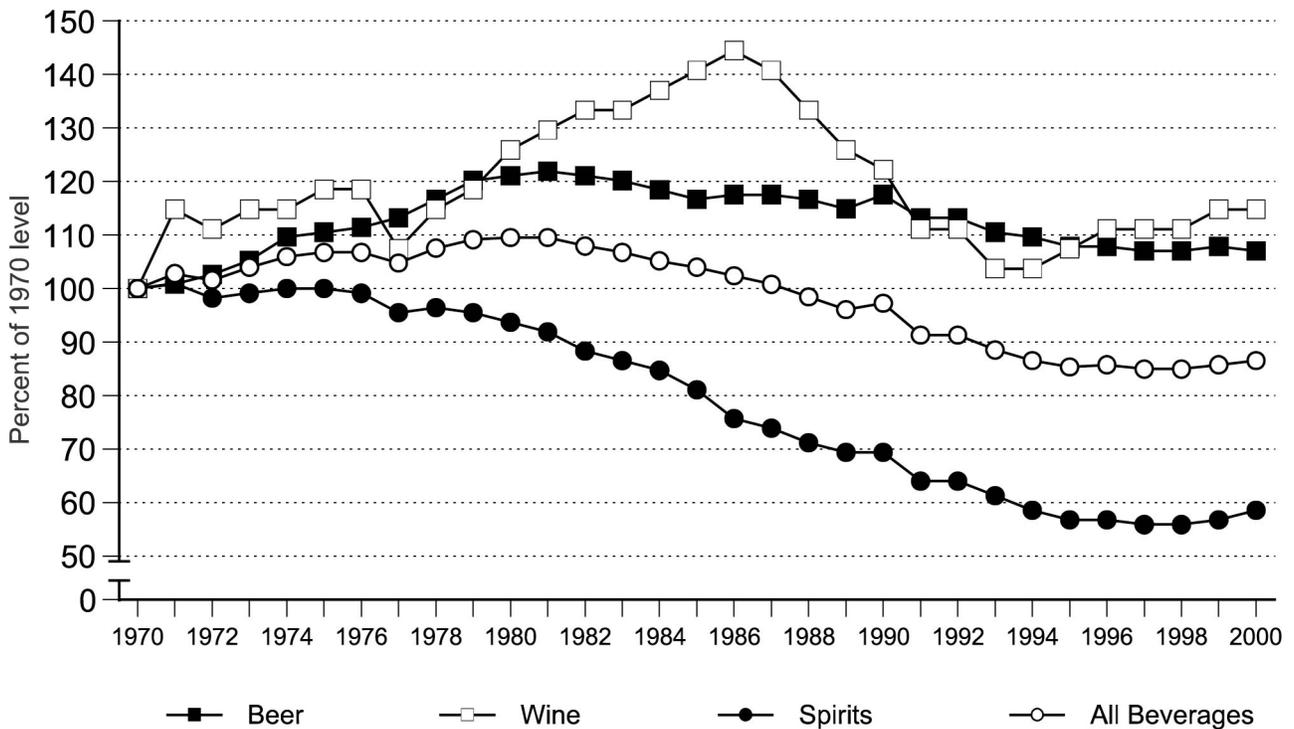


Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000.

Beer

Geographic area	Year										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Alabama	0.60	0.66	0.74	0.79	0.83	0.88	0.89	0.99	0.98	0.98	0.96
Alaska	1.18	1.33	1.22	1.26	1.41	1.49	1.48	1.19	1.39	1.50	1.55
Arizona	1.37	1.38	1.49	1.57	1.63	1.63	1.67	1.70	1.77	1.86	1.69
Arkansas	0.71	0.77	0.77	0.82	0.89	0.89	0.86	0.92	0.97	0.93	1.00
California	1.10	1.13	1.17	1.19	1.30	1.27	1.32	1.31	1.36	1.42	1.42
Colorado	1.18	1.21	1.28	1.34	1.42	1.43	1.46	1.43	1.64	1.68	1.57
Connecticut	1.00	0.99	0.96	1.02	1.04	1.05	1.03	1.05	1.07	1.13	1.06
Delaware	1.17	1.20	1.21	1.22	1.23	1.23	1.25	1.32	1.33	1.38	1.45
District of Columbia	1.39	1.37	1.34	1.39	1.39	1.37	1.34	1.39	1.43	1.48	1.49
Florida	1.09	1.18	1.25	1.33	1.38	1.38	1.35	1.33	1.41	1.47	1.42
Georgia	0.79	0.86	0.90	0.93	0.99	0.97	0.99	1.08	1.14	1.17	1.07
Hawaii	1.11	1.15	1.20	1.25	1.33	1.50	1.50	1.61	1.38	1.60	1.65
Idaho	1.20	1.26	1.34	1.38	1.39	1.48	1.52	1.50	1.50	1.55	1.53
Illinois	1.21	1.22	1.21	1.22	1.27	1.31	1.31	1.35	1.38	1.45	1.43
Indiana	1.00	1.01	1.00	1.01	1.01	1.04	1.08	1.14	1.19	1.23	1.26
Iowa	1.09	1.10	1.12	1.17	1.25	1.27	1.28	1.33	1.38	1.40	1.41
Kansas	0.85	0.89	0.96	0.98	1.08	1.12	1.13	1.13	1.14	1.17	1.23
Kentucky	0.93	0.97	0.99	1.01	1.01	1.05	1.01	1.19	1.07	1.10	1.08
Louisiana	1.20	1.17	1.22	1.26	1.29	1.30	1.27	1.30	1.35	1.36	1.41
Maine	1.24	1.28	1.31	1.35	1.40	1.44	1.41	1.37	1.31	1.30	1.32
Maryland	1.31	1.28	1.25	1.29	1.34	1.35	1.34	1.37	1.41	1.43	1.42
Massachusetts	1.15	1.15	1.17	1.25	1.31	1.33	1.30	1.34	1.37	1.39	1.47
Michigan	1.37	1.35	1.37	1.41	1.40	1.43	1.43	1.45	1.43	1.37	1.34
Minnesota	1.14	1.15	1.13	1.22	1.28	1.29	1.30	1.30	1.31	1.35	1.40
Mississippi	0.82	0.91	0.95	0.98	1.02	1.02	1.02	1.08	1.16	1.15	1.13
Missouri	1.12	1.13	1.13	1.15	1.18	1.21	1.19	1.23	1.31	1.37	1.39
Montana	1.54	1.55	1.52	1.66	1.70	1.68	1.78	1.83	1.82	1.83	1.82
Nebraska	1.28	1.35	1.27	1.36	1.38	1.38	1.39	1.45	1.47	1.50	1.56
Nevada	1.73	1.74	1.81	1.92	1.99	2.00	2.05	2.15	2.20	2.28	2.09
New Hampshire	1.68	1.79	1.79	1.92	1.99	1.94	1.89	1.89	1.99	1.98	2.21
New Jersey	1.17	1.16	1.12	1.16	1.16	1.16	1.13	1.16	1.17	1.18	1.23
New Mexico	1.20	1.26	1.38	1.37	1.54	1.49	1.56	1.65	1.68	1.71	1.66
New York	1.17	1.16	1.14	1.16	1.17	1.16	1.14	1.18	1.18	1.21	1.28
North Carolina	0.72	0.78	0.80	0.87	0.94	0.96	0.99	1.01	1.06	1.08	1.11
North Dakota	1.21	1.26	1.27	1.28	1.33	1.37	1.40	1.35	1.45	1.45	1.53
Ohio	1.22	1.20	1.18	1.21	1.21	1.24	1.24	1.17	1.19	1.36	1.39
Oklahoma	0.78	0.80	0.86	0.90	0.96	0.99	1.00	1.07	1.08	1.05	1.08
Oregon	1.17	1.21	1.24	1.22	1.27	1.28	1.30	1.33	1.34	1.39	1.37
Pennsylvania	1.26	1.27	1.27	1.29	1.30	1.33	1.32	1.35	1.36	1.42	1.45
Rhode Island	1.28	1.28	1.35	1.32	1.37	1.41	1.38	1.39	1.41	1.46	1.46
South Carolina	0.80	0.86	0.92	1.00	1.06	1.09	1.12	1.17	1.20	1.25	1.22
South Dakota	0.93	0.97	1.02	1.04	1.07	1.09	1.13	1.15	1.19	1.23	1.30
Tennessee	0.87	0.94	0.97	1.03	1.07	1.09	1.06	1.10	1.16	1.14	1.10
Texas	1.31	1.36	1.40	1.45	1.53	1.57	1.56	1.63	1.70	1.76	1.77
Utah	0.75	0.77	0.79	0.82	0.90	0.89	0.93	0.97	0.96	0.97	0.96
Vermont	1.38	1.51	1.53	1.45	1.39	1.42	1.43	1.42	1.53	1.57	1.43
Virginia	1.11	1.04	0.97	1.03	1.10	1.14	1.13	1.19	1.22	1.23	1.23
Washington	1.19	1.23	1.24	1.30	1.34	1.34	1.36	1.36	1.39	1.41	1.52
West Virginia	0.87	0.89	0.88	0.91	0.92	0.93	0.93	0.98	0.96	0.97	1.00
Wisconsin	1.71	1.74	1.74	1.77	1.78	1.87	1.80	1.78	1.80	1.88	1.96
Wyoming	1.28	1.32	1.40	1.54	1.70	1.83	1.82	1.79	1.82	1.86	1.85
Northeast Region	1.19	1.19	1.18	1.21	1.23	1.24	1.22	1.25	1.26	1.30	1.34
Midwest Region	1.22	1.23	1.22	1.26	1.28	1.32	1.32	1.32	1.35	1.41	1.42
South Region	1.00	1.04	1.07	1.12	1.18	1.20	1.19	1.25	1.29	1.32	1.31
West Region	1.15	1.18	1.22	1.26	1.35	1.34	1.38	1.38	1.43	1.49	1.48
United States	1.14	1.15	1.17	1.20	1.25	1.26	1.27	1.29	1.33	1.37	1.38

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Beer

Geographic area	Year										
	1981	1982	1983	1984	1985	1986	1997	1988	1989	1990	1991
Alabama	1.00	1.00	1.01	1.02	1.06	1.09	1.10	1.10	1.10	1.12	1.00
Alaska	1.71	1.75	1.76	1.73	1.68	1.68	1.64	1.60	1.57	1.62	1.54
Arizona	1.78	1.74	1.62	1.57	1.67	1.77	1.67	1.64	1.68	1.59	1.58
Arkansas	1.06	1.03	1.03	1.02	1.03	1.06	1.08	1.07	1.08	1.12	1.12
California	1.43	1.37	1.37	1.38	1.32	1.36	1.36	1.34	1.31	1.32	1.22
Colorado	1.63	1.64	1.57	1.51	1.47	1.47	1.43	1.42	1.40	1.35	1.39
Connecticut	1.05	1.04	1.10	1.10	1.14	1.13	1.15	1.14	1.09	1.09	1.03
Delaware	1.51	1.53	1.53	1.51	1.46	1.45	1.44	1.44	1.40	1.44	1.40
District of Columbia	1.50	1.48	1.55	1.56	1.49	1.52	1.48	1.47	1.49	1.42	1.42
Florida	1.55	1.56	1.56	1.48	1.47	1.50	1.51	1.51	1.51	1.54	1.43
Georgia	1.10	1.12	1.14	1.18	1.17	1.22	1.22	1.22	1.18	1.22	1.16
Hawaii	1.74	1.80	1.87	1.65	1.59	1.60	1.57	1.62	1.54	1.64	1.57
Idaho	1.54	1.47	1.44	1.40	1.35	1.34	1.31	1.25	1.23	1.36	1.31
Illinois	1.43	1.41	1.42	1.40	1.38	1.40	1.41	1.42	1.38	1.43	1.38
Indiana	1.29	1.29	1.27	1.26	1.25	1.25	1.24	1.23	1.21	1.26	1.22
Iowa	1.44	1.39	1.38	1.36	1.31	1.32	1.30	1.28	1.26	1.34	1.32
Kansas	1.23	1.22	1.20	1.18	1.17	1.12	1.12	1.11	1.10	1.13	1.15
Kentucky	1.13	1.14	1.13	1.05	1.07	1.09	1.03	1.08	1.08	1.12	1.11
Louisiana	1.48	1.49	1.43	1.40	1.35	1.39	1.36	1.44	1.43	1.53	1.52
Maine	1.24	1.30	1.32	1.25	1.29	1.28	1.26	1.28	1.25	1.21	1.18
Maryland	1.39	1.27	1.34	1.31	1.31	1.29	1.29	1.26	1.22	1.22	1.15
Massachusetts	1.44	1.35	1.36	1.30	1.30	1.31	1.29	1.29	1.26	1.22	1.19
Michigan	1.34	1.35	1.35	1.32	1.30	1.33	1.32	1.31	1.29	1.33	1.30
Minnesota	1.39	1.36	1.37	1.34	1.31	1.30	1.31	1.30	1.28	1.32	1.30
Mississippi	1.19	1.19	1.19	1.19	1.21	1.26	1.26	1.28	1.26	1.34	1.32
Missouri	1.40	1.38	1.37	1.34	1.33	1.36	1.36	1.33	1.33	1.37	1.35
Montana	1.90	1.82	1.79	1.70	1.60	1.58	1.57	1.59	1.56	1.60	1.61
Nebraska	1.57	1.50	1.49	1.44	1.40	1.38	1.40	1.37	1.37	1.41	1.40
Nevada	2.08	1.99	1.98	2.01	1.96	2.07	2.05	2.13	2.18	2.17	2.05
New Hampshire	1.89	1.89	2.17	1.99	1.99	1.93	1.93	1.91	1.87	1.85	1.85
New Jersey	1.22	1.22	1.21	1.19	1.18	1.18	1.18	1.15	1.13	1.15	1.09
New Mexico	1.74	1.72	1.72	1.71	1.70	1.64	1.63	1.63	1.64	1.68	1.64
New York	1.25	1.26	1.23	1.15	1.14	1.13	1.15	1.15	1.12	1.13	1.09
North Carolina	1.10	1.07	1.10	1.11	1.09	1.12	1.11	1.12	1.13	1.16	1.11
North Dakota	1.53	1.52	1.48	1.40	1.33	1.32	1.35	1.38	1.38	1.47	1.43
Ohio	1.35	1.40	1.36	1.41	1.37	1.32	1.35	1.34	1.35	1.34	1.33
Oklahoma	1.14	1.17	1.05	1.01	1.04	1.04	1.04	1.05	1.05	1.12	1.09
Oregon	1.38	1.33	1.31	1.28	1.25	1.26	1.26	1.27	1.26	1.32	1.28
Pennsylvania	1.42	1.44	1.41	1.37	1.37	1.38	1.38	1.39	1.36	1.42	1.36
Rhode Island	1.36	1.34	1.48	1.37	1.40	1.41	1.40	1.39	1.37	1.31	1.33
South Carolina	1.25	1.24	1.26	1.26	1.26	1.30	1.34	1.37	1.37	1.44	1.34
South Dakota	1.32	1.29	1.30	1.27	1.22	1.22	1.24	1.21	1.25	1.36	1.37
Tennessee	1.14	1.13	1.10	1.11	1.11	1.17	1.17	1.20	1.18	1.22	1.19
Texas	1.84	1.83	1.73	1.74	1.68	1.67	1.61	1.61	1.62	1.64	1.60
Utah	1.01	1.01	0.88	0.88	0.90	0.89	0.84	0.83	0.82	0.80	0.80
Vermont	1.49	1.49	1.52	1.48	1.49	1.55	1.55	1.51	1.45	1.47	1.41
Virginia	1.23	1.45	1.47	1.46	1.46	1.52	1.40	1.31	1.23	1.25	1.20
Washington	1.38	1.33	1.29	1.24	1.22	1.23	1.23	1.22	1.24	1.27	1.23
West Virginia	1.06	1.11	1.13	1.12	1.11	1.10	1.11	1.12	1.12	1.20	1.18
Wisconsin	1.95	1.93	1.93	1.86	1.82	1.87	1.78	1.75	1.71	1.74	1.65
Wyoming	1.91	1.80	1.66	1.58	1.56	1.46	1.46	1.39	1.35	1.48	1.45
Northeast Region	1.31	1.31	1.31	1.25	1.25	1.25	1.25	1.25	1.22	1.23	1.19
Midwest Region	1.42	1.42	1.41	1.39	1.37	1.37	1.37	1.36	1.34	1.38	1.35
South Region	1.36	1.37	1.36	1.34	1.33	1.35	1.33	1.33	1.33	1.36	1.31
West Region	1.49	1.45	1.42	1.41	1.37	1.40	1.39	1.37	1.36	1.37	1.30
United States	1.39	1.38	1.37	1.35	1.33	1.34	1.34	1.33	1.31	1.34	1.29

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Beer

Geographic area	Year									Range	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	Low Value	High Value
Alabama	1.02	1.14	1.16	1.14	1.17	1.14	1.16	1.18	1.19	0.60	1.19
Alaska	1.53	1.31	1.53	1.45	1.31	1.31	1.37	1.45	1.35	1.18	1.76
Arizona	1.58	1.58	1.52	1.47	1.52	1.45	1.44	1.47	1.48	1.37	1.86
Arkansas	1.13	1.10	1.06	1.08	1.10	1.08	1.10	1.09	1.09	0.71	1.13
California	1.28	1.17	1.09	1.14	1.11	1.12	1.10	1.10	1.07	1.07	1.43
Colorado	1.34	1.40	1.36	1.34	1.36	1.30	1.33	1.33	1.35	1.18	1.68
Connecticut	1.01	0.96	0.99	0.97	0.94	0.95	0.96	0.94	0.94	0.94	1.15
Delaware	1.40	1.46	1.43	1.30	1.39	1.37	1.36	1.40	1.36	1.17	1.53
District of Columbia	1.61	1.51	1.50	1.51	1.42	1.40	1.37	1.37	1.35	1.34	1.61
Florida	1.45	1.44	1.40	1.34	1.36	1.34	1.30	1.33	1.32	1.09	1.56
Georgia	1.22	1.23	1.17	1.20	1.22	1.19	1.21	1.23	1.22	0.79	1.23
Hawaii	1.55	1.49	1.46	1.41	1.40	1.37	1.32	1.31	1.33	1.11	1.87
Idaho	1.32	1.26	1.24	1.15	1.18	1.14	1.15	1.17	1.16	1.14	1.55
Illinois	1.34	1.32	1.32	1.30	1.27	1.26	1.28	1.29	1.28	1.21	1.45
Indiana	1.16	1.15	1.15	1.12	1.13	1.12	1.14	1.16	1.16	1.00	1.29
Iowa	1.31	1.28	1.30	1.26	1.28	1.28	1.31	1.34	1.35	1.09	1.44
Kansas	1.09	1.09	1.12	1.08	1.05	1.09	1.09	1.14	1.15	0.85	1.23
Kentucky	1.04	1.08	1.08	1.05	1.05	1.06	1.07	1.07	1.07	0.93	1.19
Louisiana	1.55	1.53	1.45	1.55	1.50	1.50	1.50	1.54	1.50	1.17	1.55
Maine	1.16	1.15	1.13	1.17	1.17	1.15	1.14	1.16	1.17	1.13	1.44
Maryland	1.11	1.10	1.09	1.06	1.05	1.05	1.05	1.04	1.04	1.04	1.43
Massachusetts	1.12	1.14	1.14	1.13	1.11	1.13	1.14	1.09	1.16	1.09	1.47
Michigan	1.26	1.25	1.23	1.20	1.20	1.17	1.20	1.19	1.19	1.17	1.45
Minnesota	1.25	1.24	1.27	1.24	1.25	1.23	1.16	1.23	1.24	1.13	1.40
Mississippi	1.35	1.37	1.28	1.36	1.37	1.37	1.40	1.45	1.44	0.82	1.45
Missouri	1.34	1.33	1.36	1.31	1.31	1.30	1.33	1.35	1.35	1.12	1.40
Montana	1.59	1.49	1.57	1.49	1.49	1.49	1.51	1.56	1.55	1.49	1.90
Nebraska	1.37	1.37	1.39	1.35	1.35	1.35	1.39	1.42	1.44	1.27	1.57
Nevada	2.02	1.95	1.93	1.87	1.91	1.84	1.80	1.82	1.79	1.73	2.28
New Hampshire	1.81	1.83	1.75	1.74	1.73	1.73	1.72	1.75	1.75	1.68	2.21
New Jersey	1.07	1.07	1.04	1.03	1.00	0.98	0.98	0.97	0.96	0.96	1.23
New Mexico	1.56	1.53	1.46	1.56	1.55	1.51	1.49	1.53	1.53	1.20	1.74
New York	1.04	1.00	0.98	0.98	0.97	0.94	0.95	0.93	0.92	0.92	1.28
North Carolina	1.14	1.14	1.14	1.12	1.14	1.15	1.13	1.16	1.19	0.72	1.19
North Dakota	1.38	1.37	1.39	1.35	1.40	1.40	1.45	1.49	1.47	1.21	1.53
Ohio	1.32	1.29	1.31	1.28	1.30	1.28	1.31	1.32	1.30	1.17	1.41
Oklahoma	1.13	1.11	1.15	1.10	1.09	1.10	1.12	1.11	1.13	0.78	1.17
Oregon	1.29	1.24	1.23	1.21	1.23	1.19	1.20	1.21	1.20	1.17	1.39
Pennsylvania	1.30	1.31	1.23	1.23	1.22	1.20	1.21	1.20	1.21	1.20	1.45
Rhode Island	1.24	1.22	1.23	1.19	1.16	1.22	1.14	1.14	1.15	1.14	1.48
South Carolina	1.34	1.36	1.38	1.38	1.39	1.40	1.42	1.43	1.45	0.80	1.45
South Dakota	1.37	1.35	1.38	1.34	1.36	1.36	1.42	1.43	1.44	0.93	1.44
Tennessee	1.21	1.20	1.18	1.18	1.18	1.16	1.19	1.21	1.21	0.87	1.22
Texas	1.65	1.60	1.60	1.55	1.56	1.54	1.53	1.54	1.53	1.31	1.84
Utah	0.79	0.78	0.76	0.75	0.77	0.76	0.73	0.79	0.77	0.73	1.01
Vermont	1.35	1.34	1.34	1.27	1.29	1.23	1.25	1.23	1.23	1.23	1.57
Virginia	1.25	1.24	1.20	1.15	1.13	1.13	1.18	1.18	1.16	0.97	1.52
Washington	1.26	1.19	1.18	1.14	1.13	1.11	1.12	1.10	1.09	1.09	1.52
West Virginia	1.16	1.18	1.17	1.14	1.14	1.14	1.17	1.18	1.18	0.87	1.20
Wisconsin	1.59	1.59	1.58	1.55	1.53	1.57	1.61	1.53	1.54	1.53	1.96
Wyoming	1.44	1.40	1.42	1.34	1.37	1.36	1.38	1.41	1.42	1.28	1.91
Northeast Region	1.14	1.13	1.11	1.09	1.08	1.06	1.07	1.05	1.06	1.05	1.34
Midwest Region	1.31	1.30	1.30	1.27	1.27	1.26	1.28	1.29	1.29	1.22	1.42
South Region	1.33	1.33	1.31	1.29	1.29	1.28	1.28	1.30	1.30	1.00	1.37
West Region	1.33	1.26	1.20	1.22	1.21	1.20	1.19	1.19	1.18	1.15	1.49
United States	1.29	1.26	1.25	1.23	1.23	1.22	1.22	1.23	1.22	1.14	1.39

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Wine

Geographic area	Year										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Alabama	0.09	0.09	0.09	0.10	0.16	0.16	0.15	0.13	0.12	0.12	0.16
Alaska	0.37	0.43	0.41	0.43	0.47	0.47	0.49	0.42	0.45	0.47	0.50
Arizona	0.32	0.35	0.34	0.34	0.33	0.36	0.39	0.34	0.37	0.39	0.36
Arkansas	0.13	0.14	0.13	0.13	0.13	0.12	0.13	0.10	0.11	0.10	0.12
California	0.63	0.68	0.66	0.68	0.68	0.70	0.70	0.67	0.68	0.70	0.71
Colorado	0.31	0.38	0.37	0.39	0.39	0.42	0.46	0.36	0.47	0.47	0.47
Connecticut	0.34	0.37	0.34	0.35	0.35	0.35	0.37	0.35	0.38	0.40	0.43
Delaware	0.21	0.24	0.26	0.27	0.26	0.26	0.25	0.24	0.25	0.27	0.29
District of Columbia	0.82	0.91	0.89	0.92	0.89	0.92	0.94	0.89	0.94	0.99	0.99
Florida	0.30	0.33	0.33	0.34	0.32	0.34	0.36	0.33	0.34	0.37	0.37
Georgia	0.14	0.12	0.16	0.16	0.15	0.17	0.18	0.16	0.19	0.19	0.19
Hawaii	0.25	0.37	0.27	0.32	0.33	0.35	0.39	0.36	0.46	0.44	0.46
Idaho	0.10	0.26	0.27	0.26	0.26	0.27	0.27	0.22	0.26	0.27	0.30
Illinois	0.27	0.32	0.31	0.32	0.33	0.33	0.34	0.30	0.31	0.33	0.33
Indiana	0.12	0.13	0.12	0.15	0.13	0.15	0.14	0.14	0.16	0.15	0.17
Iowa	0.06	0.07	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.13
Kansas	0.09	0.10	0.11	0.11	0.12	0.12	0.11	0.10	0.12	0.11	0.11
Kentucky	0.08	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.10
Louisiana	0.29	0.33	0.31	0.21	0.21	0.22	0.28	0.25	0.25	0.26	0.27
Maine	0.10	0.40	0.24	0.23	0.24	0.25	0.26	0.23	0.27	0.27	0.29
Maryland	0.25	0.28	0.30	0.30	0.32	0.33	0.33	0.30	0.31	0.31	0.33
Massachusetts	0.30	0.37	0.36	0.37	0.37	0.38	0.38	0.37	0.40	0.42	0.45
Michigan	0.24	0.28	0.27	0.28	0.28	0.29	0.30	0.24	0.25	0.25	0.28
Minnesota	0.16	0.20	0.20	0.20	0.20	0.20	0.21	0.20	0.23	0.24	0.26
Mississippi	0.08	0.10	0.11	0.10	0.11	0.13	0.13	0.11	0.10	0.10	0.10
Missouri	0.19	0.19	0.19	0.20	0.18	0.20	0.20	0.19	0.20	0.20	0.20
Montana	0.13	0.15	0.16	0.17	0.17	0.19	0.20	0.20	0.20	0.41	0.35
Nebraska	0.13	0.16	0.16	0.14	0.14	0.16	0.17	0.17	0.18	0.18	0.19
Nevada	0.67	0.72	0.73	0.78	0.81	0.83	0.86	0.83	0.85	0.88	0.79
New Hampshire	0.32	0.40	0.38	0.39	0.41	0.49	0.53	0.50	0.54	0.62	0.69
New Jersey	0.38	0.42	0.41	0.41	0.41	0.42	0.42	0.40	0.42	0.43	0.47
New Mexico	0.36	0.38	0.35	0.33	0.33	0.35	0.34	0.32	0.32	0.30	0.32
New York	0.40	0.44	0.44	0.45	0.44	0.45	0.44	0.38	0.42	0.44	0.46
North Carolina	0.16	0.20	0.21	0.20	0.21	0.23	0.23	0.20	0.20	0.22	0.20
North Dakota	0.11	0.12	0.16	0.15	0.14	0.15	0.16	0.15	0.16	0.16	0.17
Ohio	0.19	0.21	0.20	0.20	0.19	0.20	0.20	0.18	0.20	0.20	0.22
Oklahoma	0.15	0.17	0.15	0.17	0.14	0.15	0.14	0.14	0.14	0.13	0.16
Oregon	0.39	0.45	0.47	0.49	0.52	0.53	0.50	0.46	0.47	0.47	0.51
Pennsylvania	0.19	0.22	0.21	0.21	0.22	0.22	0.22	0.20	0.21	0.22	0.22
Rhode Island	0.38	0.45	0.42	0.42	0.43	0.46	0.47	0.43	0.50	0.50	0.53
South Carolina	0.16	0.19	0.21	0.20	0.19	0.22	0.20	0.17	0.17	0.17	0.18
South Dakota	0.13	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.18
Tennessee	0.06	0.10	0.11	0.12	0.11	0.12	0.11	0.10	0.11	0.11	0.12
Texas	0.17	0.19	0.20	0.20	0.20	0.20	0.20	0.14	0.14	0.14	0.22
Utah	0.12	0.15	0.15	0.15	0.14	0.15	0.15	0.14	0.15	0.16	0.14
Vermont	0.39	0.48	0.45	0.46	0.48	0.49	0.50	0.44	0.47	0.47	0.48
Virginia	0.20	0.23	0.21	0.25	0.22	0.25	0.24	0.21	0.21	0.25	0.25
Washington	0.39	0.44	0.43	0.43	0.44	0.46	0.48	0.45	0.48	0.48	0.52
West Virginia	0.09	0.10	0.10	0.09	0.09	0.10	0.10	0.09	0.09	0.09	0.09
Wisconsin	0.22	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.31
Wyoming	0.16	0.18	0.19	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.24
Northeast Region	0.32	0.37	0.36	0.36	0.36	0.37	0.37	0.34	0.36	0.38	0.40
Midwest Region	0.19	0.22	0.22	0.22	0.22	0.23	0.23	0.21	0.22	0.23	0.24
South Region	0.18	0.21	0.21	0.21	0.21	0.22	0.22	0.19	0.20	0.21	0.23
West Region	0.50	0.55	0.53	0.55	0.55	0.57	0.58	0.54	0.56	0.58	0.59
United States	0.27	0.31	0.30	0.31	0.31	0.32	0.32	0.29	0.31	0.32	0.34

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Wine

Geographic area	Year										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Alabama	0.19	0.18	0.17	0.19	0.17	0.18	0.18	0.18	0.17	0.18	0.17
Alaska	0.57	0.56	0.61	0.58	0.58	0.56	0.54	0.49	0.46	0.46	0.43
Arizona	0.42	0.40	0.44	0.45	0.46	0.46	0.46	0.42	0.36	0.37	0.35
Arkansas	0.12	0.12	0.13	0.12	0.13	0.09	0.11	0.14	0.13	0.13	0.11
California	0.72	0.72	0.75	0.74	0.78	0.79	0.74	0.68	0.61	0.59	0.49
Colorado	0.44	0.46	0.46	0.46	0.50	0.46	0.44	0.39	0.37	0.29	0.35
Connecticut	0.44	0.49	0.49	0.50	0.50	0.51	0.52	0.51	0.47	0.45	0.43
Delaware	0.32	0.34	0.35	0.38	0.41	0.44	0.42	0.40	0.38	0.37	0.35
District of Columbia	1.06	1.00	1.08	1.11	1.03	1.04	1.00	0.99	0.88	0.76	0.61
Florida	0.39	0.40	0.40	0.40	0.41	0.41	0.42	0.41	0.39	0.39	0.34
Georgia	0.18	0.21	0.22	0.23	0.25	0.27	0.27	0.26	0.24	0.23	0.22
Hawaii	0.44	0.48	0.44	0.41	0.41	0.44	0.40	0.45	0.43	0.40	0.40
Idaho	0.33	0.31	0.30	0.31	0.36	0.38	0.38	0.36	0.30	0.33	0.32
Illinois	0.35	0.35	0.35	0.37	0.37	0.39	0.39	0.37	0.35	0.36	0.34
Indiana	0.18	0.18	0.19	0.21	0.22	0.23	0.22	0.21	0.19	0.20	0.19
Iowa	0.13	0.13	0.13	0.12	0.14	0.19	0.21	0.20	0.18	0.18	0.16
Kansas	0.12	0.13	0.13	0.14	0.15	0.17	0.16	0.21	0.13	0.13	0.14
Kentucky	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.12	0.12	0.11	0.11
Louisiana	0.27	0.30	0.30	0.29	0.27	0.26	0.24	0.24	0.23	0.23	0.21
Maine	0.28	0.30	0.29	0.31	0.33	0.36	0.38	0.36	0.34	0.31	0.30
Maryland	0.34	0.32	0.35	0.36	0.36	0.39	0.38	0.36	0.34	0.33	0.30
Massachusetts	0.49	0.49	0.50	0.51	0.51	0.53	0.51	0.50	0.47	0.45	0.43
Michigan	0.29	0.39	0.28	0.31	0.32	0.33	0.33	0.32	0.30	0.28	0.22
Minnesota	0.27	0.27	0.27	0.28	0.31	0.33	0.32	0.30	0.27	0.27	0.24
Mississippi	0.11	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09
Missouri	0.21	0.21	0.22	0.25	0.26	0.28	0.27	0.25	0.22	0.22	0.22
Montana	0.33	0.32	0.32	0.32	0.33	0.34	0.33	0.32	0.29	0.29	0.28
Nebraska	0.20	0.28	0.21	0.20	0.22	0.23	0.22	0.22	0.19	0.20	0.18
Nevada	0.80	0.77	0.79	0.82	0.84	0.88	0.84	0.78	0.73	0.69	0.63
New Hampshire	0.59	0.58	0.56	0.59	0.53	0.52	0.50	0.49	0.50	0.49	0.49
New Jersey	0.51	0.52	0.52	0.55	0.55	0.56	0.54	0.51	0.50	0.48	0.43
New Mexico	0.32	0.34	0.31	0.28	0.36	0.35	0.35	0.33	0.29	0.28	0.26
New York	0.46	0.48	0.49	0.49	0.49	0.50	0.48	0.45	0.42	0.41	0.37
North Carolina	0.21	0.21	0.22	0.24	0.27	0.30	0.28	0.28	0.27	0.27	0.24
North Dakota	0.18	0.18	0.17	0.17	0.19	0.22	0.20	0.19	0.17	0.17	0.16
Ohio	0.22	0.22	0.22	0.25	0.25	0.25	0.24	0.24	0.22	0.22	0.18
Oklahoma	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.13	0.14	0.13
Oregon	0.50	0.53	0.53	0.53	0.55	0.54	0.53	0.51	0.46	0.47	0.44
Pennsylvania	0.23	0.23	0.22	0.21	0.21	0.21	0.20	0.19	0.18	0.18	0.17
Rhode Island	0.52	0.55	0.50	0.52	0.51	0.53	0.52	0.49	0.46	0.44	0.37
South Carolina	0.19	0.20	0.20	0.24	0.25	0.27	0.27	0.26	0.24	0.25	0.22
South Dakota	0.19	0.18	0.17	0.17	0.18	0.19	0.19	0.16	0.15	0.18	0.15
Tennessee	0.13	0.14	0.14	0.15	0.16	0.16	0.15	0.14	0.14	0.14	0.13
Texas	0.24	0.18	0.27	0.28	0.30	0.31	0.29	0.28	0.26	0.26	0.25
Utah	0.15	0.15	0.14	0.14	0.15	0.17	0.15	0.14	0.13	0.12	0.12
Vermont	0.50	0.50	0.50	0.49	0.55	0.59	0.58	0.56	0.51	0.48	0.46
Virginia	0.27	0.27	0.27	0.29	0.30	0.27	0.26	0.25	0.31	0.30	0.28
Washington	0.54	0.53	0.54	0.57	0.59	0.61	0.56	0.50	0.47	0.46	0.43
West Virginia	0.14	0.14	0.13	0.12	0.13	0.13	0.13	0.12	0.11	0.10	0.09
Wisconsin	0.31	0.30	0.33	0.30	0.32	0.34	0.35	0.33	0.31	0.31	0.27
Wyoming	0.24	0.24	0.22	0.22	0.25	0.26	0.24	0.23	0.22	0.22	0.20
Northeast Region	0.41	0.43	0.43	0.43	0.43	0.44	0.43	0.40	0.39	0.38	0.34
Midwest Region	0.26	0.27	0.25	0.27	0.28	0.30	0.29	0.28	0.26	0.26	0.23
South Region	0.24	0.23	0.25	0.27	0.27	0.28	0.27	0.27	0.26	0.26	0.23
West Region	0.60	0.60	0.61	0.61	0.65	0.65	0.62	0.57	0.51	0.50	0.44
United States	0.35	0.36	0.36	0.37	0.38	0.39	0.38	0.36	0.34	0.33	0.30

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Wine

Geographic area	Year									Range	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	Low Value	High Value
Alabama	0.19	0.17	0.17	0.15	0.15	0.15	0.17	0.17	0.18	0.09	0.19
Alaska	0.41	0.32	0.40	0.39	0.38	0.36	0.39	0.40	0.37	0.32	0.61
Arizona	0.31	0.27	0.29	0.29	0.33	0.31	0.32	0.34	0.31	0.27	0.46
Arkansas	0.12	0.11	0.13	0.12	0.12	0.12	0.11	0.12	0.12	0.09	0.14
California	0.51	0.48	0.47	0.45	0.49	0.50	0.45	0.46	0.48	0.45	0.79
Colorado	0.36	0.36	0.35	0.35	0.37	0.37	0.37	0.37	0.37	0.29	0.50
Connecticut	0.45	0.44	0.43	0.49	0.46	0.48	0.48	0.49	0.49	0.34	0.52
Delaware	0.36	0.35	0.38	0.40	0.45	0.46	0.47	0.48	0.48	0.21	0.48
District of Columbia	0.70	0.73	0.74	0.72	0.74	0.74	0.73	0.73	0.70	0.61	1.11
Florida	0.34	0.33	0.33	0.35	0.37	0.37	0.38	0.40	0.40	0.30	0.42
Georgia	0.21	0.20	0.20	0.22	0.24	0.25	0.24	0.27	0.26	0.12	0.27
Hawaii	0.39	0.37	0.38	0.34	0.36	0.37	0.37	0.39	0.39	0.25	0.48
Idaho	0.31	0.29	0.35	0.30	0.30	0.36	0.59	0.68	0.65	0.10	0.68
Illinois	0.35	0.34	0.34	0.33	0.35	0.35	0.34	0.33	0.32	0.27	0.39
Indiana	0.20	0.19	0.20	0.21	0.19	0.19	0.19	0.19	0.21	0.12	0.23
Iowa	0.13	0.11	0.10	0.11	0.12	0.12	0.12	0.13	0.13	0.06	0.21
Kansas	0.14	0.14	0.13	0.15	0.14	0.14	0.15	0.16	0.15	0.09	0.21
Kentucky	0.11	0.10	0.11	0.12	0.13	0.13	0.13	0.13	0.14	0.08	0.14
Louisiana	0.22	0.21	0.21	0.21	0.22	0.23	0.23	0.24	0.22	0.21	0.33
Maine	0.29	0.29	0.27	0.29	0.33	0.33	0.34	0.37	0.39	0.10	0.40
Maryland	0.29	0.28	0.28	0.28	0.29	0.29	0.30	0.30	0.30	0.25	0.39
Massachusetts	0.44	0.44	0.44	0.44	0.48	0.49	0.50	0.51	0.51	0.30	0.53
Michigan	0.22	0.20	0.20	0.19	0.22	0.22	0.22	0.24	0.24	0.19	0.39
Minnesota	0.25	0.24	0.25	0.26	0.26	0.27	0.27	0.27	0.26	0.16	0.33
Mississippi	0.09	0.10	0.08	0.09	0.09	0.09	0.09	0.10	0.09	0.08	0.13
Missouri	0.21	0.20	0.19	0.20	0.22	0.22	0.23	0.23	0.23	0.18	0.28
Montana	0.26	0.25	0.24	0.26	0.27	0.29	0.28	0.29	0.29	0.13	0.41
Nebraska	0.18	0.18	0.18	0.19	0.18	0.18	0.18	0.17	0.17	0.13	0.28
Nevada	0.62	0.58	0.57	0.58	0.59	0.58	0.58	0.63	0.62	0.57	0.88
New Hampshire	0.52	0.54	0.48	0.51	0.55	0.55	0.54	0.56	0.56	0.32	0.69
New Jersey	0.44	0.42	0.43	0.44	0.44	0.42	0.46	0.46	0.47	0.38	0.56
New Mexico	0.25	0.23	0.19	0.24	0.24	0.24	0.24	0.25	0.25	0.19	0.38
New York	0.37	0.35	0.35	0.38	0.36	0.37	0.38	0.37	0.38	0.35	0.50
North Carolina	0.23	0.22	0.21	0.22	0.24	0.23	0.23	0.24	0.23	0.16	0.30
North Dakota	0.15	0.15	0.15	0.16	0.13	0.13	0.13	0.15	0.15	0.11	0.22
Ohio	0.17	0.16	0.16	0.17	0.18	0.18	0.19	0.20	0.19	0.16	0.25
Oklahoma	0.13	0.11	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.17
Oregon	0.46	0.43	0.37	0.42	0.44	0.44	0.43	0.43	0.44	0.37	0.55
Pennsylvania	0.18	0.17	0.18	0.18	0.19	0.19	0.19	0.21	0.21	0.17	0.23
Rhode Island	0.39	0.36	0.38	0.38	0.42	0.44	0.47	0.45	0.46	0.36	0.55
South Carolina	0.20	0.20	0.17	0.18	0.21	0.19	0.21	0.22	0.22	0.16	0.27
South Dakota	0.15	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.15	0.12	0.19
Tennessee	0.14	0.14	0.15	0.15	0.15	0.16	0.15	0.15	0.15	0.06	0.16
Texas	0.24	0.20	0.20	0.19	0.22	0.20	0.23	0.20	0.22	0.14	0.31
Utah	0.12	0.11	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.09	0.17
Vermont	0.44	0.44	0.42	0.41	0.46	0.46	0.47	0.47	0.47	0.39	0.59
Virginia	0.28	0.27	0.27	0.29	0.30	0.29	0.29	0.32	0.31	0.20	0.32
Washington	0.46	0.39	0.39	0.40	0.40	0.42	0.43	0.40	0.41	0.39	0.61
West Virginia	0.09	0.08	0.08	0.09	0.10	0.10	0.10	0.10	0.10	0.08	0.14
Wisconsin	0.25	0.22	0.22	0.23	0.24	0.25	0.26	0.26	0.27	0.22	0.35
Wyoming	0.20	0.19	0.18	0.16	0.16	0.17	0.20	0.18	0.18	0.16	0.26
Northeast Region	0.35	0.34	0.34	0.36	0.36	0.36	0.37	0.38	0.38	0.32	0.44
Midwest Region	0.23	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.23	0.19	0.30
South Region	0.23	0.22	0.22	0.22	0.24	0.23	0.24	0.25	0.25	0.18	0.28
West Region	0.45	0.42	0.41	0.40	0.43	0.43	0.42	0.42	0.43	0.40	0.65
United States	0.30	0.28	0.28	0.29	0.30	0.30	0.30	0.31	0.31	0.27	0.39

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Spirits

Geographic area	Year										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Alabama	0.70	0.76	0.78	0.79	0.81	0.85	0.86	0.84	0.88	0.84	0.74
Alaska	2.07	2.15	1.87	1.87	1.98	2.17	2.06	1.70	1.68	1.65	1.70
Arizona	1.05	1.08	1.07	1.09	1.09	1.08	1.12	1.05	1.10	1.17	0.98
Arkansas	0.59	0.56	0.57	0.61	0.65	0.63	0.67	0.63	0.73	0.57	0.69
California	1.37	1.38	1.33	1.34	1.35	1.36	1.34	1.28	1.32	1.28	1.25
Colorado	1.26	1.33	1.28	1.32	1.37	1.39	1.37	1.22	1.43	1.37	1.31
Connecticut	1.46	1.44	1.37	1.35	1.34	1.29	1.26	1.21	1.20	1.20	1.21
Delaware	1.74	1.74	1.60	1.55	1.51	1.49	1.43	1.35	1.33	1.34	1.38
District of Columbia	4.44	4.45	4.16	3.89	3.76	3.71	3.57	3.26	3.14	3.03	2.94
Florida	1.52	1.52	1.52	1.56	1.52	1.47	1.46	1.47	1.48	1.51	1.43
Georgia	1.02	1.08	1.12	1.02	1.09	1.16	1.23	1.23	1.26	1.22	1.09
Hawaii	1.12	0.93	1.06	1.25	1.31	1.30	1.30	1.26	1.30	1.28	1.21
Idaho	0.75	0.77	0.75	0.74	0.77	0.80	0.79	0.79	0.80	0.84	0.77
Illinois	1.34	1.39	1.33	1.35	1.34	1.35	1.30	1.22	1.19	1.17	1.24
Indiana	0.69	0.68	0.67	0.63	0.73	0.75	0.75	0.77	0.79	0.79	0.77
Iowa	0.68	0.71	0.69	0.73	0.75	0.76	0.77	0.74	0.74	0.71	0.71
Kansas	0.65	0.69	0.67	0.68	0.71	0.71	0.69	0.65	0.64	0.73	0.62
Kentucky	0.84	0.87	0.82	0.83	0.82	0.83	0.79	0.75	0.77	0.77	0.74
Louisiana	0.91	0.97	0.96	0.96	0.97	1.02	1.05	1.03	1.07	1.08	1.04
Maine	1.03	0.99	0.99	1.01	1.05	1.04	1.07	1.04	1.05	1.08	1.06
Maryland	1.39	1.44	1.40	1.42	1.45	1.46	1.45	1.39	1.38	1.39	1.35
Massachusetts	1.35	1.37	1.34	1.39	1.41	1.36	1.32	1.24	1.25	1.23	1.27
Michigan	1.07	1.06	1.06	1.04	1.05	1.05	1.06	1.02	1.05	1.03	1.03
Minnesota	1.23	1.29	1.17	1.22	1.26	1.20	1.20	1.15	1.15	1.16	1.20
Mississippi	0.71	0.75	0.75	0.76	0.81	0.84	0.86	0.86	0.91	0.84	0.86
Missouri	1.00	0.94	0.92	0.85	0.91	0.89	0.81	0.83	0.89	0.86	0.84
Montana	1.03	1.05	1.05	1.07	1.10	1.11	1.12	1.10	1.07	1.05	1.04
Nebraska	1.01	1.02	0.97	0.98	1.01	0.98	0.97	0.91	0.89	0.88	0.89
Nevada	3.18	3.23	3.41	3.66	3.69	3.94	4.01	3.85	3.65	3.28	2.94
New Hampshire	2.82	3.09	3.10	3.09	2.99	3.10	3.00	2.93	2.94	2.61	2.86
New Jersey	1.38	1.36	1.33	1.29	1.26	1.22	1.19	1.13	1.10	1.10	1.13
New Mexico	0.98	0.94	0.98	0.95	0.98	1.00	0.98	0.96	0.98	1.01	1.00
New York	1.42	1.41	1.24	1.32	1.30	1.27	1.25	1.17	1.17	1.17	1.18
North Carolina	0.91	0.91	0.87	0.87	0.87	0.86	0.87	0.84	0.86	0.88	0.86
North Dakota	1.02	1.05	1.09	1.16	1.24	1.21	1.20	1.12	1.15	1.10	1.14
Ohio	0.81	0.81	0.78	0.79	0.79	0.78	0.77	0.70	0.70	0.71	0.72
Oklahoma	0.84	0.80	0.75	0.80	0.78	0.85	0.78	0.78	0.82	0.80	0.71
Oregon	0.90	0.91	0.89	0.93	0.94	0.95	0.96	0.96	0.98	0.96	0.94
Pennsylvania	0.82	0.83	0.80	0.81	0.81	0.80	0.79	0.74	0.74	0.73	0.71
Rhode Island	1.17	1.18	1.16	1.19	1.25	1.26	1.21	1.12	1.16	1.11	1.14
South Carolina	1.09	1.11	1.09	1.09	1.10	1.08	1.19	1.14	1.21	1.18	1.06
South Dakota	0.90	0.97	0.91	1.02	1.01	1.03	1.06	1.06	1.05	1.04	1.07
Tennessee	0.58	0.60	0.63	0.68	0.70	0.72	0.74	0.71	0.72	0.73	0.69
Texas	0.74	0.74	0.73	0.75	0.78	0.80	0.81	0.81	0.84	0.87	0.81
Utah	0.57	0.58	0.57	0.58	0.57	0.59	0.60	0.59	0.61	0.62	0.60
Vermont	1.73	1.81	1.86	1.87	1.84	1.83	1.76	1.58	1.59	1.50	1.39
Virginia	1.02	1.01	0.98	0.99	0.98	0.96	0.95	0.90	0.90	0.92	0.91
Washington	1.08	1.06	1.00	1.03	1.07	1.10	1.11	1.08	1.09	1.10	1.08
West Virginia	0.69	0.75	0.73	0.75	0.78	0.82	0.82	0.78	0.79	0.77	0.72
Wisconsin	1.25	1.26	1.27	1.43	1.34	1.31	1.31	1.26	1.18	1.17	1.20
Wyoming	1.15	1.18	1.17	1.24	1.31	1.32	1.31	1.32	1.36	1.30	1.32
Northeast Region	1.28	1.27	1.19	1.22	1.22	1.19	1.17	1.10	1.10	1.09	1.10
Midwest Region	1.02	1.03	1.00	1.01	1.03	1.02	1.00	0.96	0.96	0.95	0.96
South Region	0.99	1.01	1.00	1.01	1.01	1.02	1.03	1.01	1.03	1.03	0.98
West Region	1.26	1.27	1.23	1.25	1.28	1.29	1.28	1.22	1.27	1.24	1.20
United States	1.11	1.12	1.09	1.10	1.11	1.11	1.10	1.06	1.07	1.06	1.04

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Spirits

Geographic area	Year										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Alabama	0.73	0.72	0.71	0.69	0.67	0.64	0.61	0.61	0.60	0.61	0.59
Alaska	1.82	1.74	1.70	1.56	1.53	1.27	1.29	1.23	1.24	1.25	1.14
Arizona	1.01	0.99	1.00	1.06	1.00	0.91	0.86	0.88	0.85	0.80	0.78
Arkansas	0.68	0.63	0.63	0.64	0.58	0.48	0.53	0.53	0.57	0.61	0.58
California	1.21	1.14	1.11	1.07	1.02	0.96	0.93	0.89	0.87	0.87	0.75
Colorado	1.26	1.18	1.12	1.12	1.18	0.94	0.93	0.91	0.84	0.75	0.87
Connecticut	1.18	1.20	1.23	1.20	1.20	1.15	1.12	1.07	0.98	0.92	0.84
Delaware	1.39	1.36	1.34	1.28	1.30	1.23	1.22	1.19	1.13	1.14	0.95
District of Columbia	2.92	2.91	2.79	2.68	2.42	2.19	2.37	2.02	1.85	1.96	1.85
Florida	1.38	1.33	1.23	1.24	1.16	1.05	1.03	1.00	1.00	1.04	0.92
Georgia	1.09	1.04	1.05	1.06	1.01	0.95	1.00	0.92	0.94	0.86	0.78
Hawaii	1.16	1.14	1.12	0.91	0.88	0.85	0.76	0.79	0.79	0.79	0.70
Idaho	0.83	0.81	0.76	0.72	0.71	0.61	0.58	0.58	0.56	0.58	0.56
Illinois	1.12	1.06	1.03	1.01	0.98	0.90	0.87	0.85	0.82	0.82	0.76
Indiana	0.78	0.76	0.73	0.73	0.72	0.67	0.67	0.66	0.63	0.63	0.60
Iowa	0.69	0.65	0.64	0.61	0.57	0.53	0.57	0.52	0.50	0.54	0.52
Kansas	0.70	0.67	0.64	0.63	0.64	0.59	0.56	0.56	0.54	0.53	0.57
Kentucky	0.75	0.73	0.69	0.68	0.66	0.62	0.59	0.59	0.56	0.60	0.56
Louisiana	1.02	1.00	1.02	0.94	0.86	0.78	0.75	0.69	0.72	0.78	0.73
Maine	1.05	1.02	1.03	1.01	0.94	0.91	0.91	0.91	0.85	0.82	0.77
Maryland	1.33	1.17	1.20	1.17	1.14	1.08	1.07	1.01	0.98	0.96	0.89
Massachusetts	1.24	1.22	1.21	1.24	1.21	1.12	1.12	1.07	1.02	0.97	0.87
Michigan	1.00	0.98	0.97	0.97	0.95	0.90	0.85	0.84	0.80	0.80	0.74
Minnesota	1.18	1.11	1.10	1.07	1.06	0.92	0.94	0.89	0.88	0.96	0.81
Mississippi	0.84	0.82	0.79	0.77	0.73	0.68	0.66	0.66	0.65	0.65	0.64
Missouri	0.83	0.79	0.78	0.68	0.76	0.72	0.72	0.69	0.69	0.70	0.64
Montana	1.05	1.02	0.99	0.93	0.88	0.81	0.77	0.76	0.72	0.77	0.76
Nebraska	0.88	0.58	0.79	0.76	0.75	0.67	0.65	0.65	0.62	0.64	0.61
Nevada	2.71	2.50	2.45	2.36	2.18	2.11	2.09	2.00	1.92	1.92	1.63
New Hampshire	2.44	2.34	2.35	2.33	2.21	2.06	1.98	1.94	1.99	1.97	1.96
New Jersey	1.15	1.13	1.13	1.10	1.08	1.03	1.01	0.93	0.96	0.95	0.82
New Mexico	0.95	0.94	0.98	0.76	0.77	0.70	0.67	0.67	0.65	0.68	0.64
New York	1.12	1.10	1.05	1.03	0.98	0.92	0.90	0.87	0.82	0.76	0.69
North Carolina	0.86	0.85	0.80	0.78	0.76	0.74	0.71	0.68	0.66	0.65	0.60
North Dakota	1.14	1.09	1.05	0.98	0.96	0.86	0.87	0.86	0.84	0.93	0.86
Ohio	0.68	0.66	0.65	0.61	0.59	0.60	0.59	0.54	0.50	0.53	0.51
Oklahoma	0.83	0.83	0.77	0.74	0.68	0.61	0.57	0.50	0.53	0.55	0.54
Oregon	0.92	0.88	0.85	0.82	0.77	0.73	0.72	0.71	0.69	0.73	0.67
Pennsylvania	0.72	0.70	0.67	0.66	0.65	0.64	0.61	0.53	0.56	0.55	0.52
Rhode Island	1.04	1.04	1.06	1.03	1.03	0.93	0.94	0.97	0.87	0.79	0.71
South Carolina	1.05	1.00	1.01	1.00	0.99	0.92	0.88	0.89	0.86	0.92	0.84
South Dakota	1.05	0.98	0.95	0.89	0.94	0.81	0.79	0.76	0.70	0.80	0.76
Tennessee	0.72	0.70	0.69	0.70	0.67	0.63	0.62	0.60	0.59	0.60	0.54
Texas	0.85	0.84	0.79	0.79	0.73	0.65	0.61	0.59	0.58	0.58	0.55
Utah	0.58	0.55	0.50	0.52	0.53	0.52	0.50	0.49	0.47	0.46	0.43
Vermont	1.33	1.25	1.19	1.15	1.09	1.04	0.98	0.93	0.88	0.85	0.82
Virginia	0.89	0.86	0.82	0.80	0.79	0.73	0.71	0.68	0.65	0.62	0.58
Washington	1.05	0.99	0.94	0.91	0.87	0.82	0.79	0.77	0.75	0.76	0.73
West Virginia	0.66	0.55	0.48	0.44	0.42	0.41	0.41	0.40	0.38	0.42	0.43
Wisconsin	1.20	1.04	1.07	1.03	1.05	0.95	0.97	0.95	0.95	1.03	0.84
Wyoming	1.27	1.21	1.09	1.05	1.03	0.92	0.86	0.83	0.82	0.93	0.90
Northeast Region	1.07	1.05	1.03	1.01	0.98	0.93	0.91	0.86	0.84	0.80	0.73
Midwest Region	0.93	0.88	0.87	0.84	0.83	0.78	0.76	0.74	0.71	0.74	0.67
South Region	0.98	0.95	0.91	0.90	0.85	0.79	0.77	0.74	0.73	0.74	0.69
West Region	1.16	1.11	1.07	1.04	1.00	0.92	0.89	0.87	0.84	0.84	0.76
United States	1.02	0.98	0.96	0.94	0.90	0.84	0.82	0.79	0.77	0.77	0.71

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

Spirits

Geographic area	Year									Range	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	Low Value	High Value
Alabama	0.59	0.56	0.54	0.53	0.53	0.52	0.51	0.51	0.51	0.51	0.88
Alaska	1.08	0.92	1.10	1.02	0.94	0.88	0.98	0.98	0.92	0.88	2.17
Arizona	0.80	0.76	0.70	0.68	0.73	0.68	0.68	0.69	0.71	0.68	1.17
Arkansas	0.65	0.58	0.46	0.51	0.53	0.52	0.51	0.54	0.53	0.46	0.73
California	0.75	0.69	0.68	0.64	0.64	0.62	0.61	0.62	0.64	0.61	1.38
Colorado	0.81	0.86	0.84	0.78	0.84	0.81	0.83	0.75	0.89	0.75	1.43
Connecticut	0.83	0.80	0.78	0.77	0.72	0.74	0.74	0.75	0.74	0.72	1.46
Delaware	0.97	0.95	0.95	0.92	0.94	0.99	0.98	1.03	1.05	0.92	1.74
District of Columbia	1.74	1.54	1.52	1.52	1.47	1.61	1.44	1.35	1.48	1.35	4.45
Florida	0.96	0.92	0.87	0.82	0.81	0.80	0.79	0.80	0.82	0.79	1.56
Georgia	0.79	0.77	0.77	0.71	0.70	0.70	0.70	0.69	0.69	0.69	1.26
Hawaii	0.69	0.65	0.62	0.57	0.58	0.56	0.54	0.56	0.60	0.54	1.31
Idaho	0.57	0.55	0.53	0.53	0.51	0.50	0.51	0.52	0.51	0.50	0.84
Illinois	0.74	0.72	0.69	0.66	0.68	0.65	0.64	0.66	0.63	0.63	1.39
Indiana	0.58	0.64	0.59	0.58	0.57	0.59	0.58	0.59	0.61	0.57	0.79
Iowa	0.46	0.48	0.44	0.44	0.45	0.45	0.46	0.48	0.50	0.44	0.77
Kansas	0.55	0.52	0.48	0.50	0.49	0.48	0.54	0.54	0.52	0.48	0.73
Kentucky	0.56	0.55	0.55	0.54	0.54	0.53	0.53	0.54	0.54	0.53	0.87
Louisiana	0.74	0.72	0.73	0.73	0.72	0.71	0.70	0.69	0.70	0.69	1.08
Maine	0.78	0.79	0.77	0.72	0.71	0.71	0.68	0.73	0.73	0.68	1.08
Maryland	0.86	0.80	0.78	0.74	0.74	0.73	0.73	0.74	0.75	0.73	1.46
Massachusetts	0.82	0.80	0.80	0.78	0.77	0.76	0.75	0.79	0.87	0.75	1.41
Michigan	0.74	0.72	0.67	0.66	0.67	0.66	0.69	0.68	0.69	0.66	1.07
Minnesota	0.85	0.84	0.83	0.83	0.83	0.83	0.84	0.86	0.87	0.81	1.29
Mississippi	0.63	0.63	0.63	0.61	0.62	0.61	0.59	0.61	0.60	0.59	0.91
Missouri	0.69	0.67	0.66	0.62	0.57	0.63	0.63	0.66	0.67	0.57	1.00
Montana	0.75	0.73	0.70	0.78	0.64	0.63	0.65	0.67	0.68	0.63	1.12
Nebraska	0.61	0.59	0.57	0.57	0.57	0.56	0.58	0.60	0.62	0.56	1.02
Nevada	1.61	1.54	1.51	1.39	1.39	1.30	1.23	1.29	1.26	1.23	4.01
New Hampshire	1.96	2.01	1.90	1.87	1.85	1.76	1.73	1.70	1.69	1.69	3.10
New Jersey	0.83	0.79	0.79	0.75	0.76	0.74	0.69	0.71	0.77	0.69	1.38
New Mexico	0.66	0.63	0.60	0.60	0.59	0.58	0.58	0.59	0.61	0.58	1.01
New York	0.68	0.62	0.60	0.57	0.57	0.57	0.51	0.56	0.58	0.51	1.42
North Carolina	0.59	0.56	0.54	0.53	0.52	0.51	0.50	0.51	0.52	0.50	0.91
North Dakota	0.85	0.84	0.78	0.77	0.77	0.77	0.76	0.78	0.79	0.76	1.24
Ohio	0.50	0.50	0.37	0.46	0.45	0.46	0.47	0.48	0.50	0.37	0.81
Oklahoma	0.55	0.48	0.50	0.44	0.45	0.43	0.43	0.44	0.44	0.43	0.85
Oregon	0.67	0.64	0.62	0.59	0.61	0.60	0.61	0.63	0.64	0.59	0.98
Pennsylvania	0.51	0.48	0.47	0.45	0.45	0.44	0.45	0.46	0.47	0.44	0.83
Rhode Island	0.70	0.69	0.66	0.60	0.65	0.64	0.63	0.69	0.70	0.60	1.26
South Carolina	0.79	0.75	0.74	0.67	0.71	0.71	0.72	0.72	0.70	0.67	1.21
South Dakota	0.74	0.73	0.73	0.73	0.68	0.69	0.68	0.70	0.68	0.68	1.07
Tennessee	0.56	0.54	0.53	0.52	0.51	0.50	0.50	0.49	0.50	0.49	0.74
Texas	0.55	0.53	0.51	0.49	0.49	0.47	0.49	0.49	0.50	0.47	0.87
Utah	0.42	0.39	0.38	0.37	0.37	0.39	0.37	0.38	0.40	0.37	0.62
Vermont	0.78	0.74	0.74	0.66	0.64	0.63	0.62	0.62	0.63	0.62	1.87
Virginia	0.57	0.54	0.51	0.49	0.49	0.48	0.47	0.47	0.50	0.47	1.02
Washington	0.72	0.69	0.65	0.63	0.63	0.63	0.63	0.63	0.66	0.63	1.11
West Virginia	0.41	0.40	0.39	0.38	0.37	0.37	0.36	0.37	0.35	0.35	0.82
Wisconsin	0.90	0.89	0.91	0.87	0.88	0.89	0.79	0.92	0.95	0.79	1.43
Wyoming	0.91	0.86	0.83	0.80	0.81	0.81	0.81	0.84	0.86	0.80	1.36
Northeast Region	0.72	0.68	0.67	0.64	0.64	0.63	0.60	0.63	0.66	0.60	1.28
Midwest Region	0.68	0.67	0.63	0.63	0.62	0.63	0.63	0.65	0.66	0.62	1.03
South Region	0.69	0.66	0.64	0.61	0.61	0.60	0.60	0.60	0.61	0.60	1.03
West Region	0.76	0.72	0.70	0.66	0.67	0.65	0.65	0.65	0.67	0.65	1.29
United States	0.71	0.68	0.65	0.63	0.63	0.62	0.62	0.63	0.65	0.62	1.12

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

All Beverages

Geographic area	Year										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Alabama	1.38	1.52	1.61	1.69	1.80	1.88	1.89	1.96	1.97	1.94	1.86
Alaska	3.62	3.91	3.50	3.55	3.86	4.13	4.03	3.31	3.52	3.62	3.76
Arizona	2.73	2.82	2.91	3.00	3.06	3.06	3.17	3.10	3.25	3.42	3.03
Arkansas	1.43	1.47	1.47	1.56	1.66	1.64	1.66	1.65	1.82	1.60	1.81
California	3.11	3.19	3.16	3.21	3.33	3.33	3.36	3.25	3.36	3.40	3.38
Colorado	2.75	2.92	2.93	3.05	3.19	3.24	3.29	3.01	3.54	3.52	3.35
Connecticut	2.80	2.80	2.67	2.72	2.72	2.69	2.66	2.61	2.65	2.72	2.70
Delaware	3.12	3.18	3.07	3.04	3.00	2.98	2.92	2.91	2.91	2.99	3.12
District of Columbia	6.64	6.74	6.40	6.21	6.04	6.00	5.86	5.53	5.51	5.49	5.42
Florida	2.90	3.03	3.10	3.24	3.22	3.19	3.17	3.13	3.23	3.34	3.22
Georgia	1.95	2.07	2.18	2.11	2.23	2.30	2.39	2.47	2.59	2.58	2.35
Hawaii	2.48	2.45	2.52	2.82	2.98	3.15	3.19	3.23	3.15	3.32	3.31
Idaho	2.04	2.28	2.36	2.38	2.42	2.55	2.58	2.52	2.56	2.65	2.60
Illinois	2.82	2.92	2.85	2.88	2.94	2.99	2.94	2.87	2.88	2.94	3.00
Indiana	1.81	1.82	1.80	1.80	1.86	1.94	1.98	2.05	2.14	2.18	2.21
Iowa	1.83	1.89	1.88	1.98	2.09	2.13	2.15	2.17	2.22	2.22	2.25
Kansas	1.59	1.68	1.74	1.76	1.91	1.94	1.93	1.88	1.89	2.01	1.96
Kentucky	1.86	1.93	1.91	1.93	1.92	1.98	1.90	2.03	1.93	1.97	1.91
Louisiana	2.40	2.48	2.49	2.42	2.46	2.53	2.61	2.57	2.67	2.70	2.71
Maine	2.37	2.67	2.54	2.59	2.68	2.72	2.74	2.64	2.62	2.65	2.67
Maryland	2.95	3.00	2.95	3.02	3.10	3.14	3.12	3.05	3.09	3.14	3.09
Massachusetts	2.80	2.89	2.87	3.01	3.09	3.07	3.00	2.95	3.02	3.04	3.19
Michigan	2.68	2.69	2.70	2.73	2.74	2.77	2.79	2.71	2.74	2.65	2.65
Minnesota	2.53	2.65	2.49	2.63	2.74	2.70	2.71	2.65	2.69	2.75	2.85
Mississippi	1.61	1.76	1.82	1.85	1.94	1.98	2.01	2.05	2.18	2.09	2.09
Missouri	2.32	2.27	2.24	2.20	2.27	2.30	2.20	2.25	2.40	2.43	2.44
Montana	2.70	2.75	2.73	2.90	2.96	2.98	3.11	3.12	3.10	3.29	3.21
Nebraska	2.43	2.53	2.40	2.48	2.53	2.51	2.54	2.53	2.54	2.57	2.64
Nevada	5.58	5.69	5.95	6.36	6.49	6.77	6.92	6.84	6.69	6.44	5.82
New Hampshire	4.82	5.27	5.27	5.40	5.39	5.53	5.43	5.32	5.46	5.20	5.76
New Jersey	2.93	2.94	2.86	2.86	2.84	2.81	2.75	2.69	2.69	2.71	2.83
New Mexico	2.54	2.58	2.70	2.65	2.85	2.85	2.88	2.93	2.99	3.02	2.99
New York	3.00	3.01	2.81	2.93	2.91	2.89	2.83	2.74	2.77	2.82	2.91
North Carolina	1.79	1.88	1.88	1.94	2.01	2.05	2.09	2.05	2.12	2.18	2.17
North Dakota	2.34	2.43	2.52	2.59	2.71	2.73	2.75	2.62	2.76	2.71	2.83
Ohio	2.22	2.22	2.15	2.20	2.19	2.21	2.21	2.04	2.09	2.26	2.33
Oklahoma	1.76	1.77	1.76	1.87	1.87	1.99	1.91	1.98	2.04	1.98	1.95
Oregon	2.47	2.57	2.60	2.64	2.72	2.76	2.75	2.74	2.79	2.82	2.82
Pennsylvania	2.28	2.31	2.27	2.31	2.33	2.35	2.34	2.29	2.32	2.37	2.39
Rhode Island	2.83	2.91	2.93	2.93	3.06	3.12	3.07	2.93	3.07	3.07	3.14
South Carolina	2.04	2.16	2.22	2.29	2.36	2.39	2.52	2.49	2.59	2.60	2.46
South Dakota	1.97	2.10	2.09	2.21	2.24	2.28	2.37	2.38	2.42	2.44	2.56
Tennessee	1.52	1.64	1.70	1.83	1.88	1.92	1.91	1.91	1.99	1.98	1.92
Texas	2.22	2.29	2.34	2.39	2.50	2.56	2.58	2.58	2.68	2.77	2.80
Utah	1.44	1.50	1.52	1.56	1.61	1.63	1.68	1.70	1.72	1.75	1.71
Vermont	3.50	3.79	3.84	3.78	3.71	3.73	3.68	3.44	3.59	3.54	3.30
Virginia	2.33	2.29	2.16	2.28	2.31	2.35	2.32	2.30	2.33	2.40	2.39
Washington	2.66	2.73	2.67	2.76	2.85	2.90	2.95	2.89	2.96	2.99	3.12
West Virginia	1.64	1.73	1.71	1.76	1.79	1.85	1.85	1.85	1.84	1.83	1.82
Wisconsin	3.18	3.25	3.27	3.46	3.38	3.44	3.38	3.31	3.25	3.33	3.46
Wyoming	2.59	2.69	2.76	2.98	3.21	3.36	3.34	3.31	3.41	3.38	3.42
Northeast Region	2.79	2.84	2.73	2.80	2.81	2.81	2.76	2.69	2.73	2.77	2.84
Midwest Region	2.43	2.48	2.44	2.49	2.53	2.56	2.55	2.49	2.53	2.58	2.63
South Region	2.17	2.26	2.28	2.34	2.40	2.44	2.45	2.44	2.52	2.55	2.51
West Region	2.91	3.00	2.99	3.06	3.18	3.20	3.24	3.15	3.26	3.31	3.26
United States	2.52	2.59	2.56	2.62	2.67	2.69	2.69	2.64	2.71	2.75	2.76

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

All Beverages

Geographic area	Year										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Alabama	1.92	1.89	1.89	1.90	1.90	1.90	1.89	1.89	1.87	1.92	1.76
Alaska	4.10	4.05	4.06	3.86	3.78	3.51	3.46	3.32	3.27	3.33	3.11
Arizona	3.22	3.13	3.06	3.08	3.12	3.14	2.99	2.94	2.89	2.77	2.71
Arkansas	1.87	1.78	1.78	1.78	1.75	1.63	1.71	1.74	1.78	1.86	1.81
California	3.36	3.23	3.23	3.19	3.12	3.11	3.03	2.90	2.79	2.78	2.46
Colorado	3.33	3.28	3.15	3.09	3.15	2.87	2.80	2.72	2.60	2.39	2.61
Connecticut	2.67	2.73	2.82	2.80	2.84	2.79	2.79	2.71	2.54	2.46	2.29
Delaware	3.23	3.23	3.22	3.17	3.16	3.13	3.08	3.03	2.91	2.95	2.70
District of Columbia	5.49	5.39	5.41	5.34	4.94	4.75	4.85	4.48	4.22	4.14	3.89
Florida	3.31	3.29	3.19	3.12	3.04	2.96	2.95	2.92	2.90	2.96	2.69
Georgia	2.38	2.37	2.42	2.48	2.43	2.43	2.49	2.40	2.37	2.31	2.17
Hawaii	3.34	3.42	3.43	2.97	2.88	2.88	2.73	2.86	2.76	2.84	2.67
Idaho	2.70	2.58	2.51	2.43	2.42	2.33	2.26	2.18	2.09	2.27	2.19
Illinois	2.91	2.83	2.80	2.77	2.72	2.68	2.66	2.64	2.56	2.62	2.48
Indiana	2.25	2.23	2.19	2.19	2.19	2.14	2.13	2.10	2.04	2.09	2.00
Iowa	2.27	2.17	2.15	2.09	2.02	2.04	2.08	1.99	1.94	2.06	2.01
Kansas	2.05	2.02	1.96	1.95	1.96	1.88	1.84	1.88	1.77	1.79	1.85
Kentucky	1.99	1.99	1.94	1.85	1.86	1.84	1.76	1.79	1.76	1.83	1.78
Louisiana	2.77	2.78	2.75	2.63	2.49	2.42	2.34	2.37	2.38	2.54	2.46
Maine	2.57	2.63	2.63	2.57	2.56	2.56	2.55	2.54	2.44	2.34	2.25
Maryland	3.06	2.77	2.89	2.84	2.81	2.75	2.74	2.62	2.54	2.51	2.33
Massachusetts	3.17	3.07	3.07	3.04	3.01	2.96	2.93	2.86	2.75	2.63	2.49
Michigan	2.63	2.72	2.60	2.60	2.58	2.56	2.50	2.47	2.38	2.42	2.26
Minnesota	2.83	2.75	2.74	2.68	2.68	2.56	2.56	2.49	2.43	2.55	2.35
Mississippi	2.14	2.11	2.09	2.06	2.04	2.04	2.01	2.03	2.00	2.08	2.05
Missouri	2.45	2.38	2.37	2.27	2.36	2.36	2.35	2.28	2.24	2.30	2.20
Montana	3.28	3.17	3.09	2.95	2.81	2.73	2.67	2.66	2.57	2.67	2.64
Nebraska	2.66	2.37	2.49	2.41	2.37	2.28	2.27	2.23	2.18	2.25	2.19
Nevada	5.59	5.25	5.22	5.19	4.99	5.05	4.99	4.91	4.83	4.78	4.31
New Hampshire	4.92	4.81	5.08	4.91	4.73	4.51	4.41	4.33	4.37	4.30	4.30
New Jersey	2.87	2.87	2.86	2.83	2.81	2.77	2.72	2.58	2.59	2.58	2.34
New Mexico	3.01	3.00	3.00	2.75	2.83	2.70	2.64	2.64	2.58	2.64	2.54
New York	2.83	2.84	2.77	2.67	2.62	2.55	2.53	2.47	2.36	2.30	2.14
North Carolina	2.17	2.13	2.12	2.13	2.13	2.15	2.10	2.09	2.06	2.08	1.96
North Dakota	2.85	2.79	2.71	2.55	2.48	2.40	2.42	2.43	2.38	2.56	2.44
Ohio	2.25	2.28	2.22	2.26	2.20	2.17	2.17	2.11	2.07	2.09	2.03
Oklahoma	2.13	2.17	1.98	1.91	1.87	1.80	1.76	1.69	1.70	1.81	1.76
Oregon	2.80	2.74	2.69	2.63	2.57	2.54	2.50	2.48	2.41	2.51	2.38
Pennsylvania	2.37	2.36	2.29	2.25	2.22	2.23	2.20	2.11	2.10	2.15	2.05
Rhode Island	2.92	2.93	3.04	2.92	2.94	2.86	2.85	2.85	2.69	2.54	2.41
South Carolina	2.49	2.44	2.47	2.50	2.49	2.50	2.49	2.51	2.47	2.61	2.41
South Dakota	2.56	2.45	2.43	2.33	2.34	2.23	2.22	2.13	2.09	2.34	2.27
Tennessee	1.98	1.96	1.93	1.95	1.94	1.96	1.94	1.95	1.90	1.96	1.87
Texas	2.93	2.85	2.79	2.82	2.70	2.63	2.51	2.47	2.46	2.47	2.40
Utah	1.74	1.71	1.52	1.53	1.58	1.58	1.49	1.45	1.42	1.39	1.34
Vermont	3.32	3.24	3.21	3.12	3.13	3.17	3.11	3.00	2.84	2.80	2.69
Virginia	2.39	2.59	2.57	2.55	2.55	2.53	2.36	2.24	2.19	2.18	2.06
Washington	2.97	2.85	2.76	2.71	2.68	2.65	2.58	2.49	2.45	2.49	2.39
West Virginia	1.85	1.80	1.74	1.68	1.66	1.64	1.64	1.64	1.60	1.72	1.70
Wisconsin	3.47	3.27	3.33	3.19	3.19	3.16	3.11	3.02	2.96	3.07	2.76
Wyoming	3.42	3.25	2.98	2.86	2.84	2.64	2.57	2.46	2.38	2.63	2.56
Northeast Region	2.80	2.79	2.76	2.70	2.66	2.62	2.60	2.52	2.44	2.41	2.26
Midwest Region	2.61	2.56	2.53	2.50	2.48	2.44	2.42	2.38	2.31	2.37	2.25
South Region	2.58	2.55	2.52	2.51	2.46	2.42	2.37	2.34	2.31	2.36	2.23
West Region	3.26	3.15	3.11	3.05	3.02	2.98	2.90	2.80	2.71	2.71	2.50
United States	2.76	2.72	2.69	2.65	2.62	2.58	2.54	2.48	2.42	2.45	2.30

NOTE: Per capita consumption based on population age 14 or older.

Table 2. Apparent per capita ethanol consumption for beer, wine, spirits, and all beverages, by geographic area, 1970–2000. (Continued)

All Beverages

Geographic area	Year									Range	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	Low Value	High Value
Alabama	1.79	1.86	1.87	1.81	1.86	1.81	1.85	1.87	1.88	1.38	1.97
Alaska	3.02	2.55	3.03	2.86	2.63	2.56	2.74	2.82	2.63	2.55	4.13
Arizona	2.69	2.62	2.50	2.44	2.58	2.44	2.44	2.51	2.50	2.44	3.42
Arkansas	1.90	1.79	1.65	1.70	1.75	1.71	1.73	1.75	1.74	1.43	1.90
California	2.54	2.35	2.24	2.23	2.24	2.24	2.17	2.18	2.19	2.17	3.40
Colorado	2.52	2.63	2.55	2.47	2.57	2.48	2.53	2.45	2.60	2.39	3.54
Connecticut	2.30	2.20	2.20	2.22	2.13	2.17	2.18	2.18	2.18	2.13	2.84
Delaware	2.73	2.76	2.76	2.62	2.78	2.81	2.82	2.90	2.89	2.62	3.23
District of Columbia	4.05	3.78	3.76	3.74	3.63	3.75	3.55	3.45	3.53	3.45	6.74
Florida	2.75	2.68	2.60	2.50	2.54	2.51	2.47	2.53	2.55	2.47	3.34
Georgia	2.23	2.20	2.14	2.13	2.16	2.14	2.14	2.20	2.17	1.95	2.59
Hawaii	2.63	2.51	2.47	2.32	2.34	2.30	2.22	2.26	2.33	2.22	3.43
Idaho	2.20	2.11	2.12	1.98	1.98	2.00	2.25	2.36	2.32	1.98	2.70
Illinois	2.43	2.38	2.35	2.29	2.30	2.26	2.25	2.27	2.24	2.24	3.00
Indiana	1.95	1.98	1.94	1.91	1.89	1.90	1.91	1.94	1.98	1.80	2.25
Iowa	1.90	1.87	1.84	1.80	1.85	1.85	1.90	1.95	1.98	1.80	2.27
Kansas	1.78	1.75	1.73	1.72	1.69	1.71	1.79	1.84	1.82	1.59	2.05
Kentucky	1.71	1.73	1.73	1.71	1.72	1.72	1.72	1.74	1.74	1.71	2.03
Louisiana	2.51	2.47	2.39	2.50	2.44	2.44	2.43	2.46	2.43	2.34	2.78
Maine	2.23	2.22	2.17	2.19	2.22	2.19	2.16	2.26	2.29	2.16	2.74
Maryland	2.26	2.19	2.15	2.09	2.08	2.07	2.08	2.08	2.09	2.07	3.14
Massachusetts	2.38	2.38	2.38	2.35	2.35	2.39	2.39	2.39	2.55	2.35	3.19
Michigan	2.21	2.18	2.10	2.06	2.08	2.06	2.12	2.11	2.12	2.06	2.79
Minnesota	2.35	2.33	2.35	2.32	2.34	2.33	2.27	2.36	2.37	2.27	2.85
Mississippi	2.08	2.11	2.00	2.06	2.08	2.07	2.08	2.15	2.13	1.61	2.18
Missouri	2.24	2.20	2.21	2.14	2.09	2.15	2.18	2.23	2.25	2.09	2.45
Montana	2.61	2.47	2.51	2.54	2.40	2.42	2.44	2.52	2.53	2.40	3.29
Nebraska	2.16	2.14	2.14	2.10	2.11	2.09	2.16	2.19	2.23	2.09	2.66
Nevada	4.25	4.06	4.00	3.84	3.89	3.72	3.62	3.74	3.67	3.62	6.92
New Hampshire	4.30	4.38	4.13	4.12	4.13	4.04	3.98	4.01	4.00	3.98	5.76
New Jersey	2.34	2.29	2.27	2.22	2.20	2.15	2.12	2.14	2.19	2.12	2.94
New Mexico	2.47	2.39	2.25	2.40	2.38	2.33	2.31	2.36	2.38	2.25	3.02
New York	2.09	1.98	1.93	1.93	1.90	1.87	1.84	1.85	1.88	1.84	3.01
North Carolina	1.96	1.92	1.89	1.86	1.90	1.89	1.87	1.90	1.94	1.79	2.18
North Dakota	2.39	2.36	2.32	2.28	2.29	2.30	2.35	2.42	2.40	2.28	2.85
Ohio	1.98	1.95	1.85	1.90	1.93	1.91	1.97	2.00	1.99	1.85	2.33
Oklahoma	1.81	1.70	1.78	1.66	1.66	1.65	1.68	1.68	1.69	1.65	2.17
Oregon	2.41	2.31	2.21	2.23	2.27	2.24	2.25	2.27	2.28	2.21	2.82
Pennsylvania	1.99	1.96	1.93	1.86	1.86	1.84	1.86	1.87	1.90	1.84	2.39
Rhode Island	2.33	2.27	2.27	2.17	2.24	2.30	2.24	2.28	2.31	2.17	3.14
South Carolina	2.33	2.30	2.29	2.23	2.31	2.30	2.35	2.38	2.37	2.04	2.61
South Dakota	2.26	2.20	2.24	2.20	2.18	2.18	2.24	2.27	2.27	1.97	2.56
Tennessee	1.90	1.87	1.86	1.84	1.84	1.82	1.84	1.86	1.86	1.52	1.99
Texas	2.45	2.33	2.31	2.23	2.26	2.22	2.25	2.23	2.25	2.22	2.93
Utah	1.33	1.28	1.24	1.21	1.24	1.25	1.20	1.27	1.27	1.20	1.75
Vermont	2.57	2.52	2.50	2.34	2.38	2.33	2.34	2.32	2.34	2.32	3.84
Virginia	2.10	2.05	1.99	1.93	1.92	1.90	1.94	1.96	1.97	1.90	2.59
Washington	2.44	2.27	2.23	2.17	2.16	2.16	2.18	2.13	2.16	2.13	3.12
West Virginia	1.66	1.67	1.64	1.61	1.61	1.60	1.63	1.66	1.64	1.60	1.85
Wisconsin	2.74	2.71	2.72	2.65	2.65	2.71	2.65	2.72	2.76	2.65	3.47
Wyoming	2.56	2.45	2.43	2.29	2.34	2.33	2.40	2.43	2.46	2.29	3.42
Northeast Region	2.21	2.15	2.12	2.09	2.07	2.06	2.04	2.06	2.10	2.04	2.84
Midwest Region	2.21	2.18	2.14	2.12	2.12	2.12	2.14	2.17	2.18	2.12	2.63
South Region	2.26	2.20	2.16	2.12	2.14	2.12	2.12	2.15	2.16	2.12	2.58
West Region	2.54	2.39	2.31	2.28	2.30	2.28	2.25	2.27	2.29	2.25	3.31
United States	2.30	2.23	2.18	2.15	2.16	2.14	2.14	2.16	2.18	2.14	2.76

NOTE: Per capita consumption based on population age 14 or older.

Figure 4. Per capita consumption from beer in gallons of ethanol by State, 1970 and 2000.

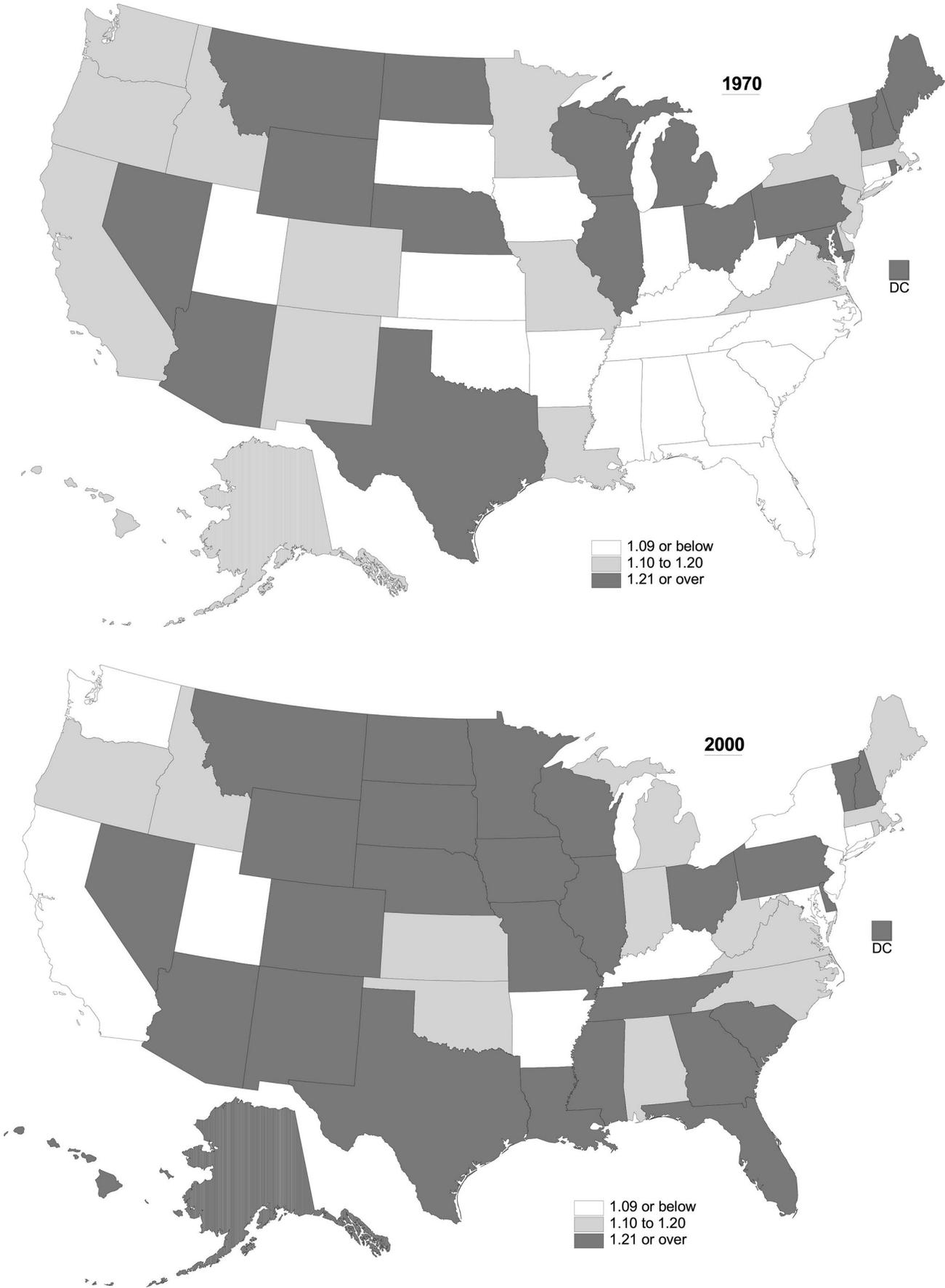


Figure 5. Percent change in per capita ethanol consumption from beer, 1970 to 2000.

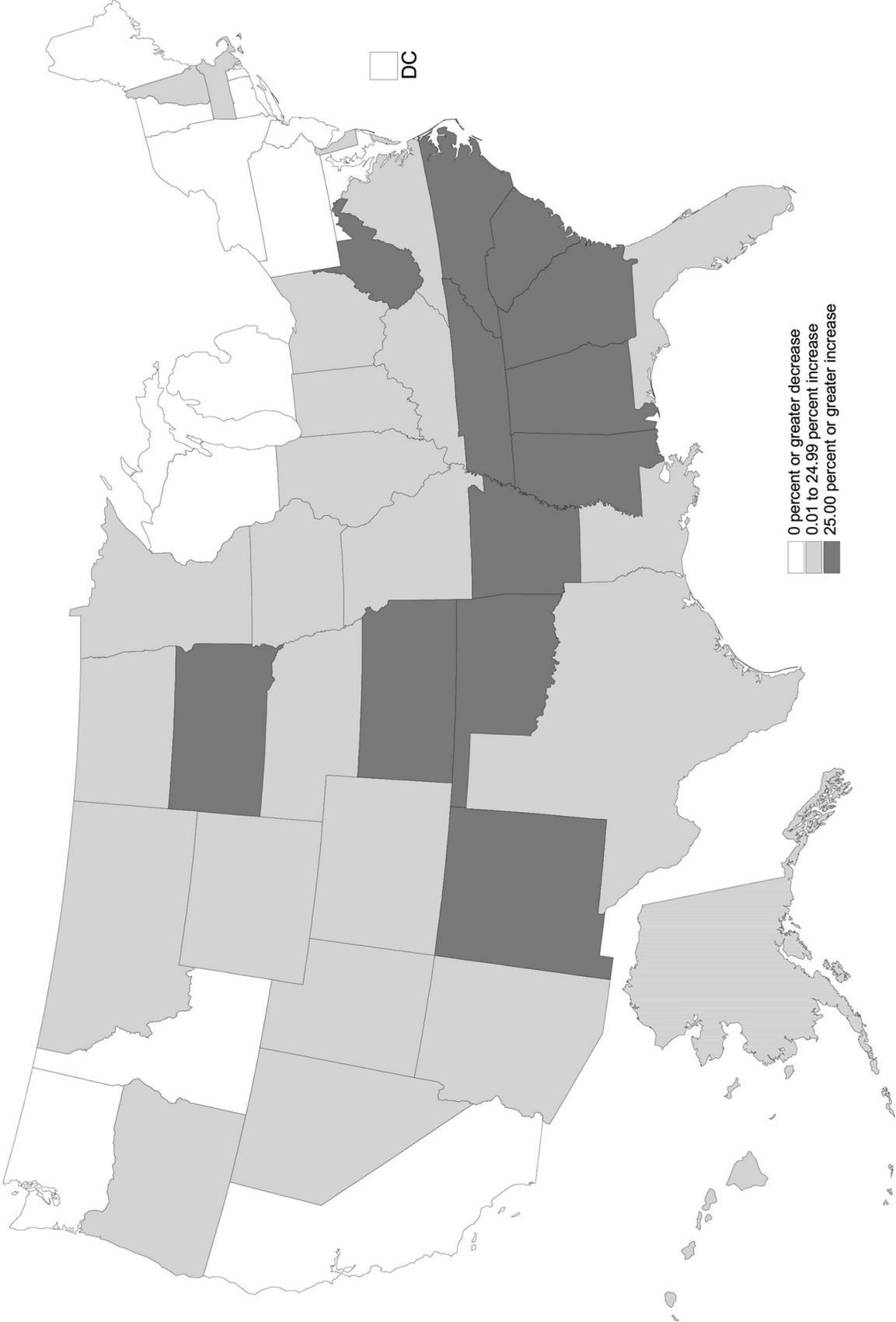


Figure 6. Per capita consumption from wine in gallons of ethanol by State, 1970 and 2000.

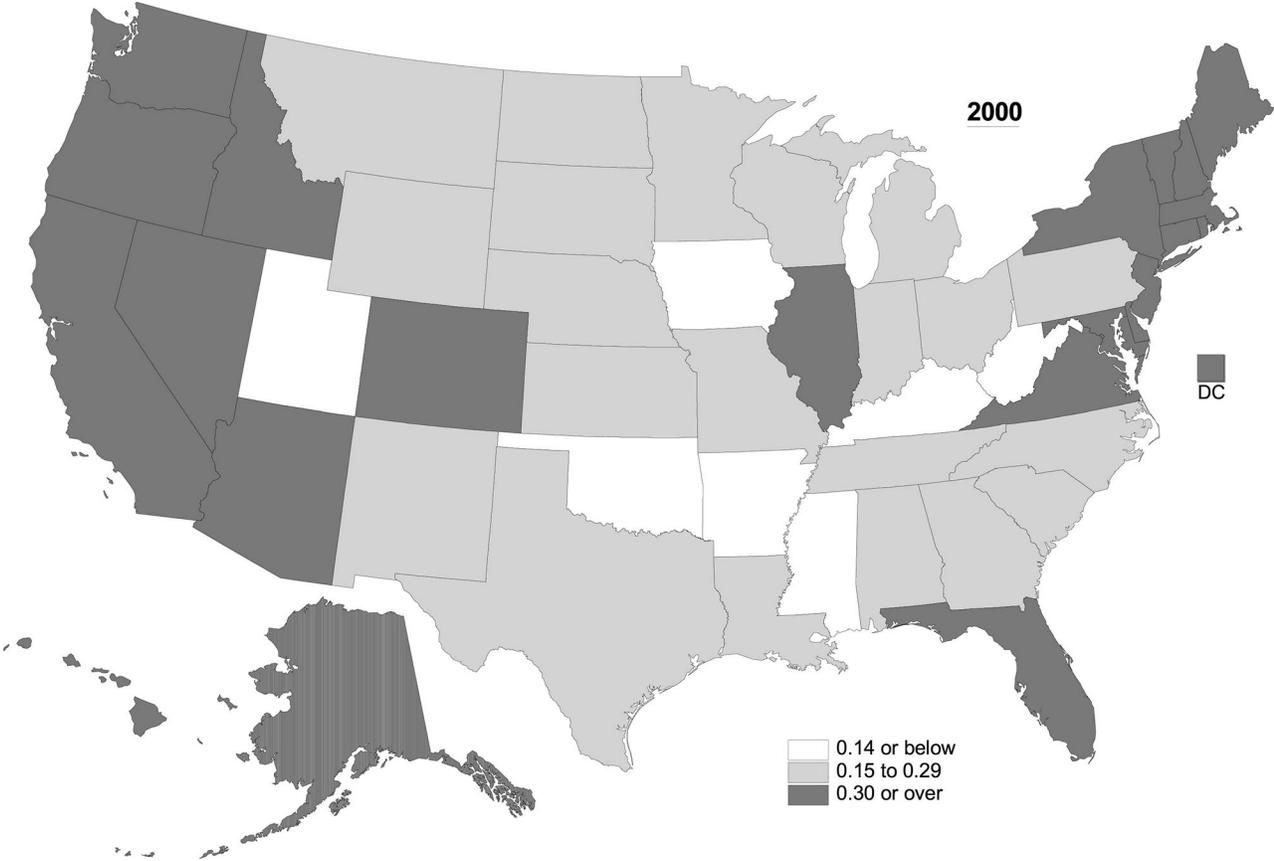
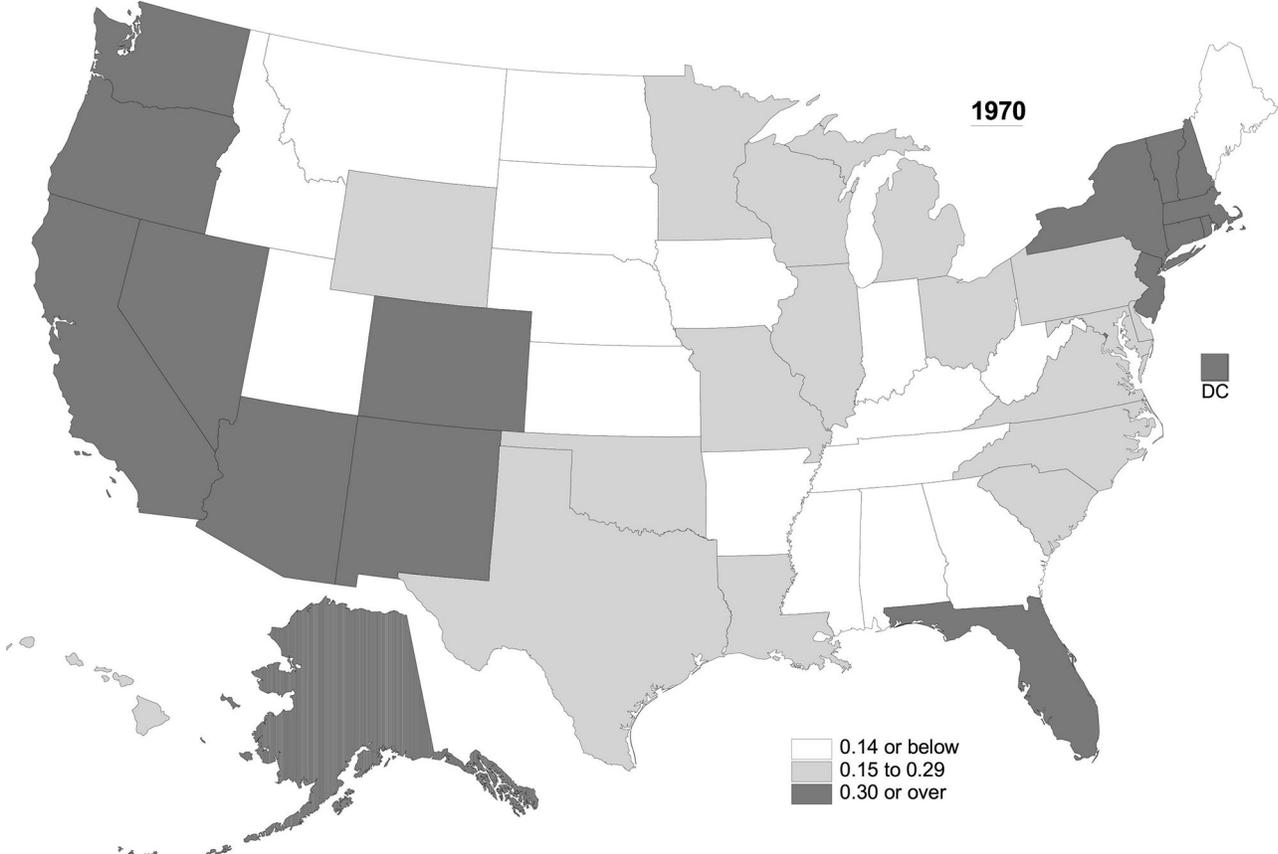


Figure 7. Percent change in per capita ethanol consumption from wine by State, 1970 to 2000.

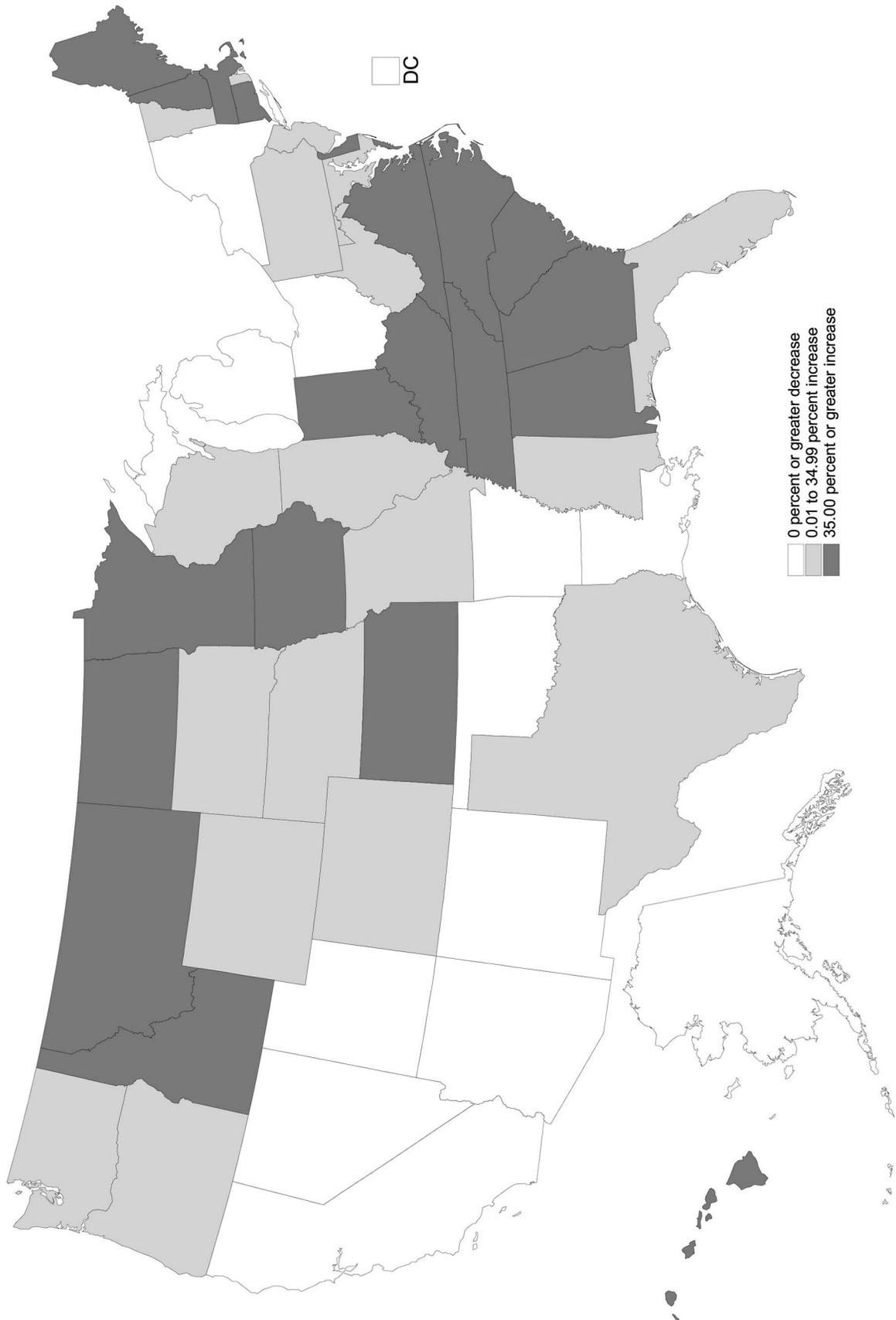


Figure 9. Percent change in per capita ethanol consumption from spirits by State, 1970 to 2000.

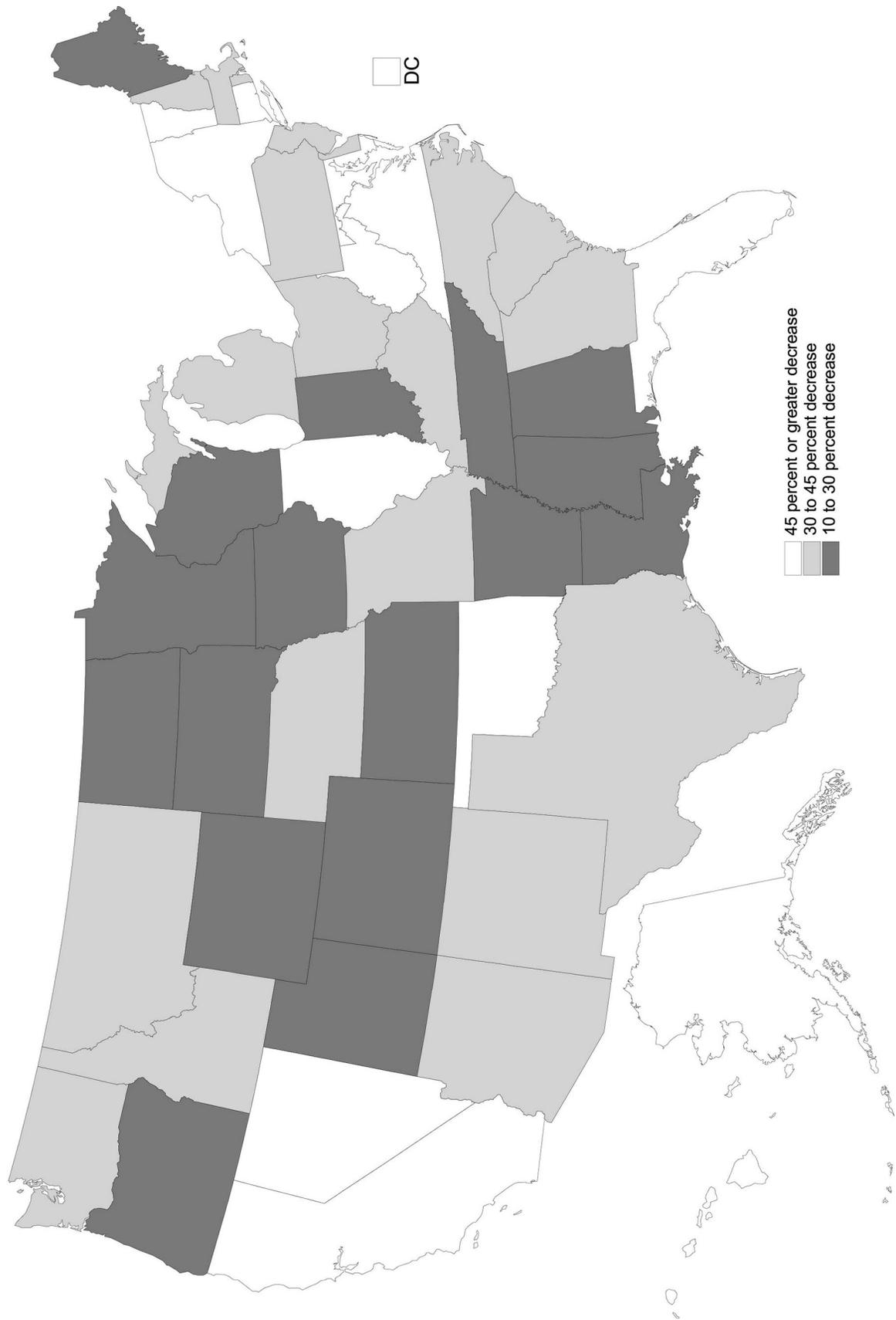


Figure 10. Per capita consumption from all beverages in gallons of ethanol by State, 1970 and 2000.

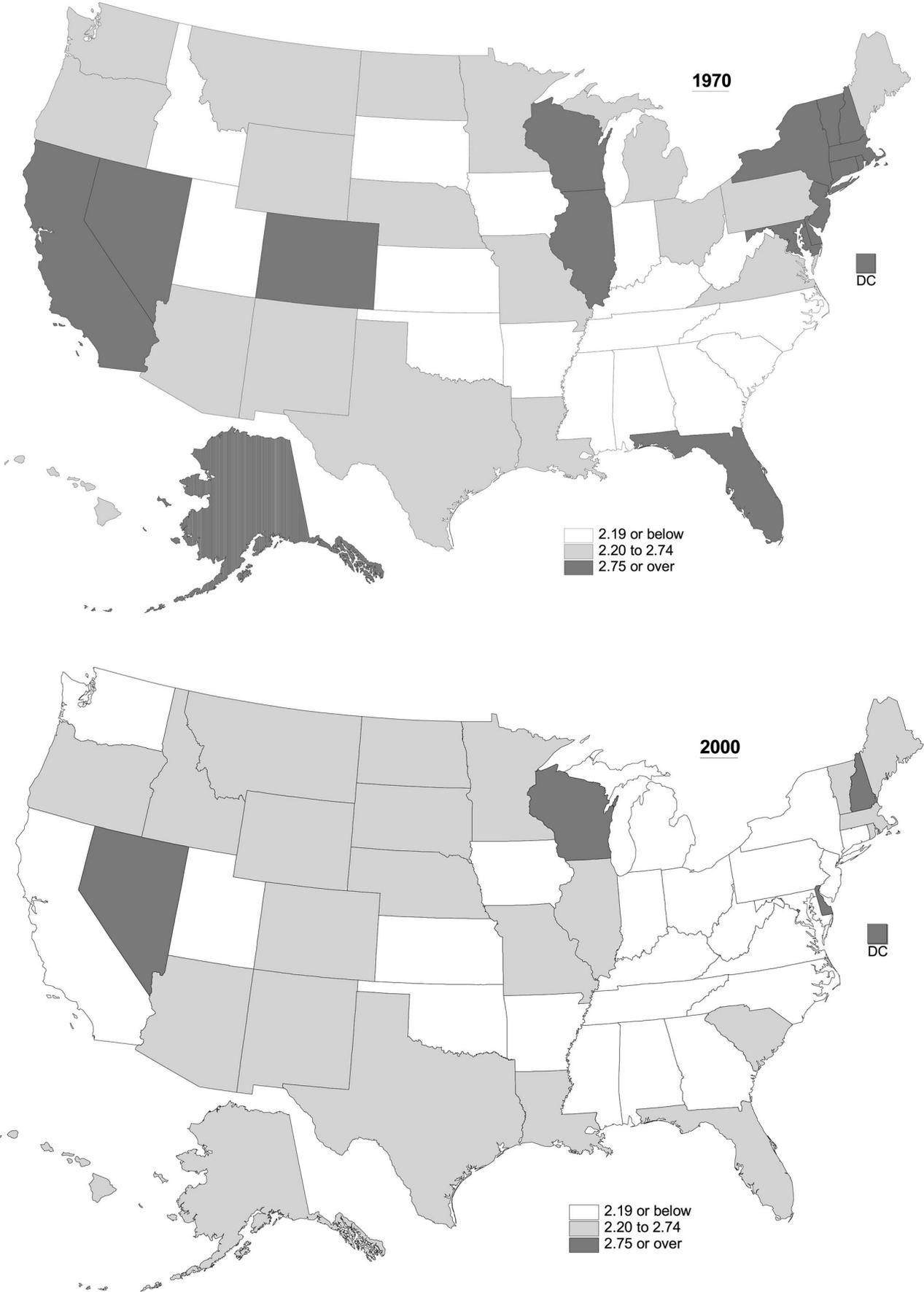


Figure 11. Percent change in per capita ethanol consumption from all beverages by State, 1970 to 2000.

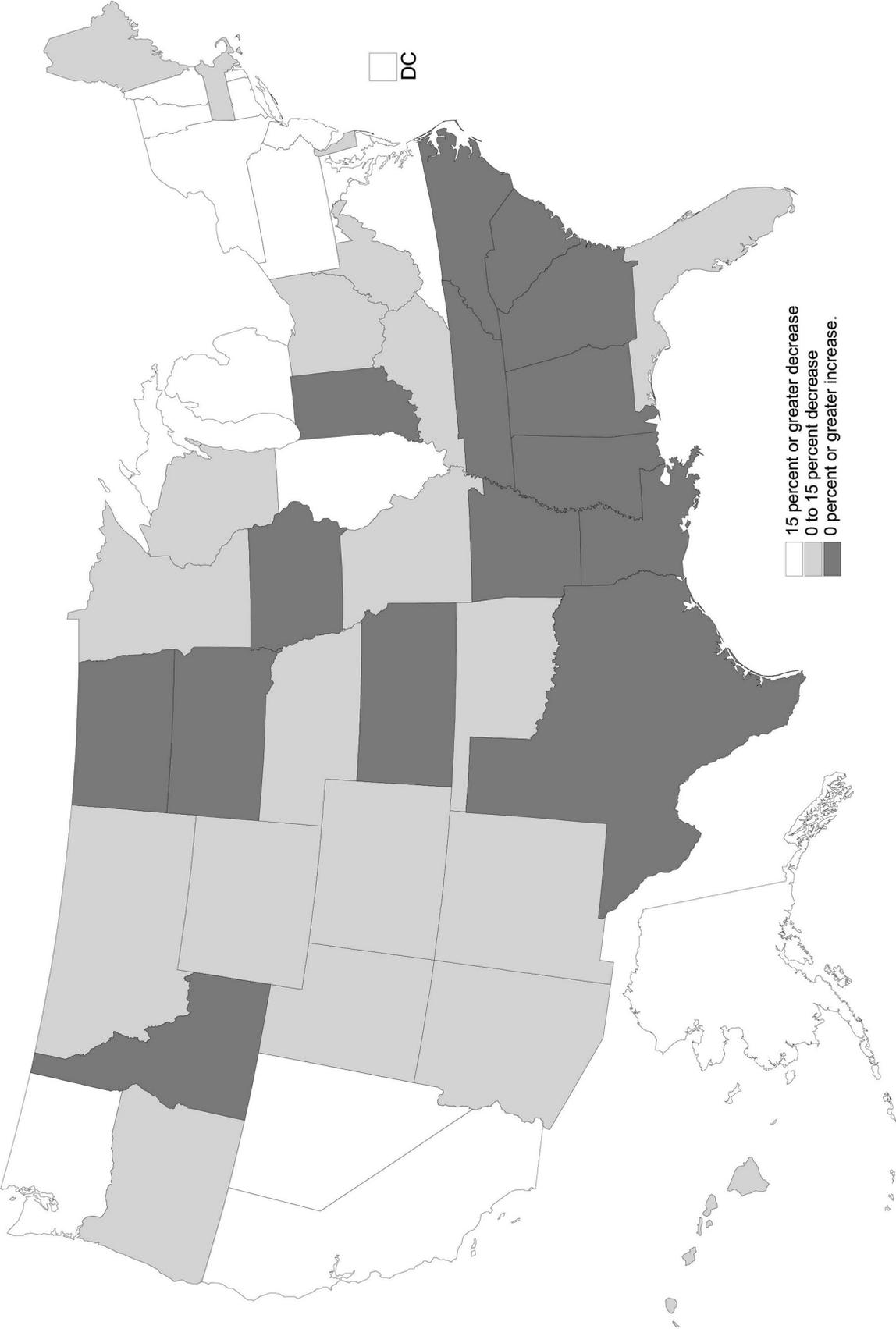


Figure 12. Per capita ethanol consumption from beer by region, United States, 1970-2000.

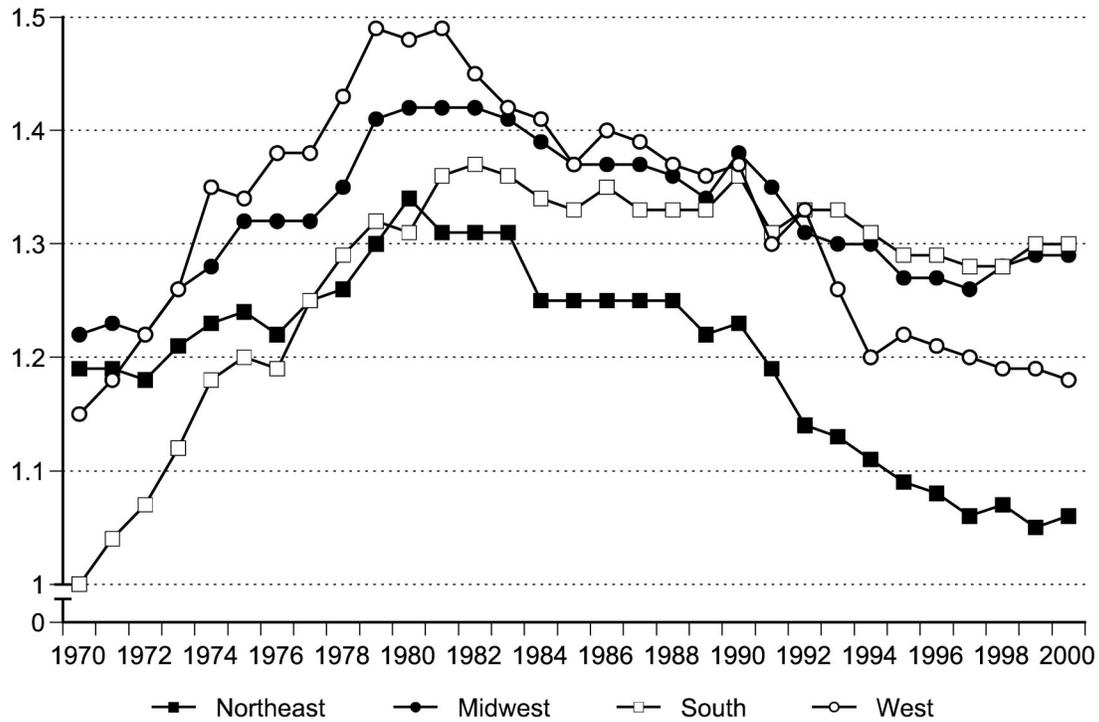


Figure 13. Per capita ethanol consumption from wine by region, United States, 1970-2000.

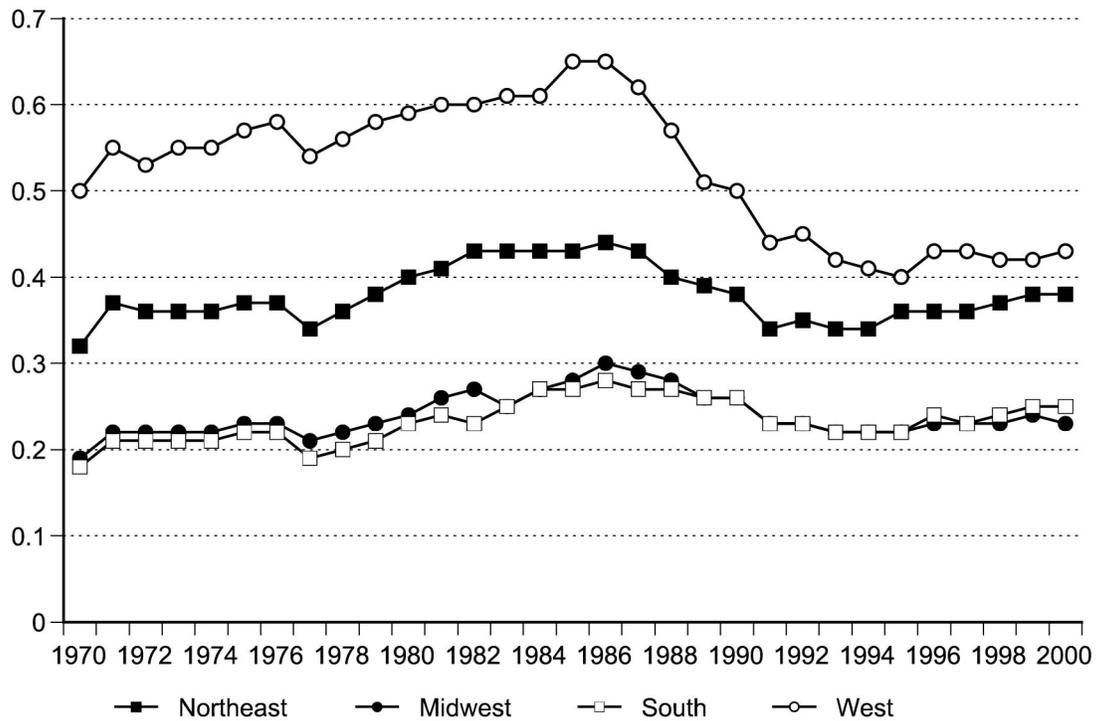


Figure 14. Per capita ethanol consumption from spirits by region, United States, 1970-2000.

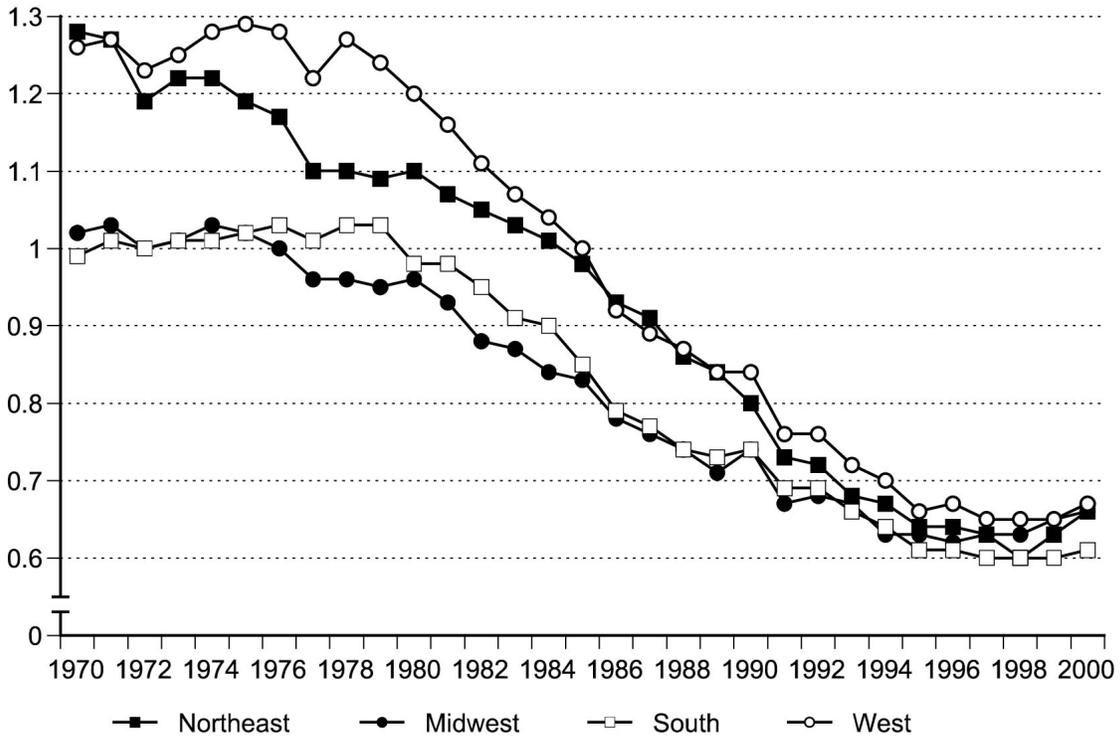


Figure 15. Total per capita ethanol consumption by region, United States, 1970-2000.

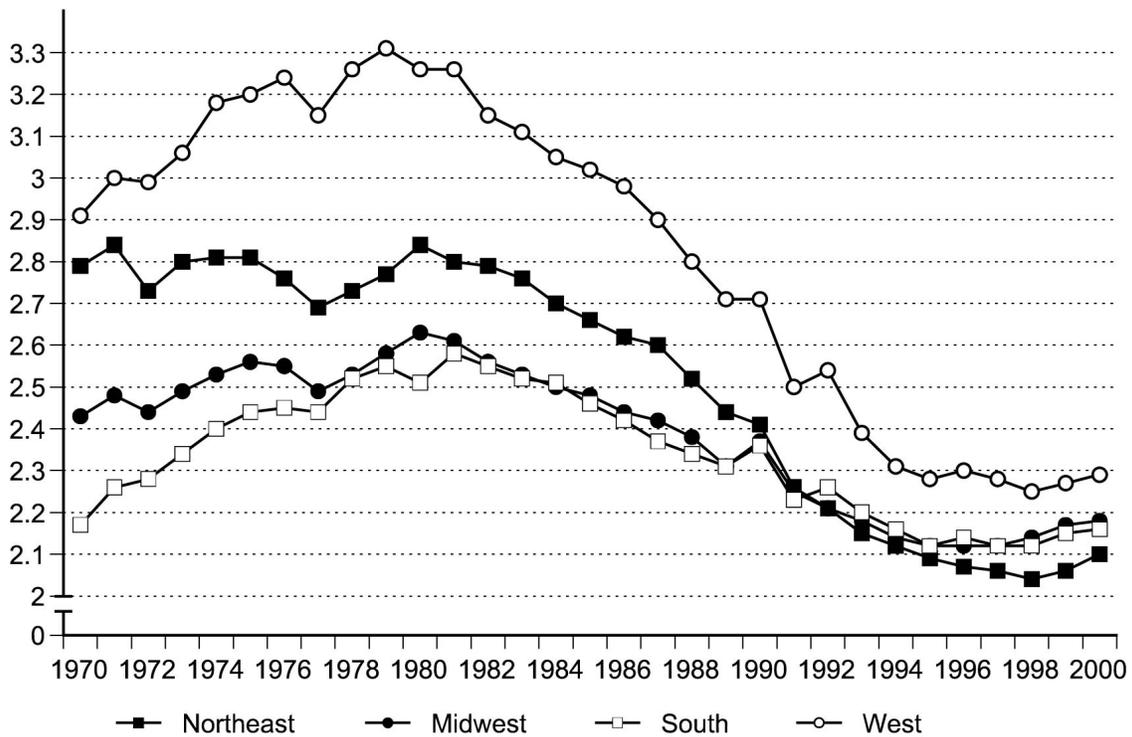


Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000.

1970

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	33,098	1,489	0.60	1,412	226	0.09	3,863	1,738	0.70	3,454	1.38
Alaska	5,372	242	1.18	470	75	0.37	945	425	2.07	742	3.62
Arizona	38,604	1,737	1.37	2,508	401	0.32	2,967	1,335	1.05	3,474	2.73
Arkansas	22,378	1,007	0.71	1,193	191	0.13	1,865	839	0.59	2,037	1.43
California	363,645	16,364	1.10	58,590	9,374	0.63	45,071	20,282	1.37	46,020	3.11
Colorado	42,145	1,897	1.18	3,132	501	0.31	4,494	2,022	1.26	4,420	2.75
Connecticut	49,680	2,236	1.00	4,726	756	0.34	7,277	3,275	1.46	6,266	2.80
Delaware	10,263	462	1.17	528	84	0.21	1,521	684	1.74	1,231	3.12
District of Columbia	17,887	805	1.39	2,976	476	0.82	5,730	2,578	4.44	3,860	6.64
Florida	125,228	5,635	1.09	9,539	1,526	0.30	17,402	7,831	1.52	14,992	2.90
Georgia	58,089	2,614	0.79	2,874	460	0.14	7,511	3,380	1.02	6,454	1.95
Hawaii	13,640	614	1.11	867	139	0.25	1,386	624	1.12	1,376	2.48
Idaho	13,635	614	1.20	312	50	0.10	853	384	0.75	1,047	2.04
Illinois	220,190	9,909	1.21	13,845	2,215	0.27	24,214	10,896	1.34	23,020	2.82
Indiana	84,042	3,782	1.00	2,807	449	0.12	5,773	2,598	0.69	6,829	1.81
Iowa	50,294	2,263	1.09	780	125	0.06	3,153	1,419	0.68	3,807	1.83
Kansas	31,852	1,433	0.85	963	154	0.09	2,410	1,084	0.65	2,672	1.59
Kentucky	49,079	2,209	0.93	1,222	196	0.08	4,420	1,989	0.84	4,393	1.86
Louisiana	68,578	3,086	1.20	4,593	735	0.29	5,195	2,338	0.91	6,159	2.40
Maine	19,981	899	1.24	439	70	0.10	1,668	751	1.03	1,720	2.37
Maryland	82,602	3,717	1.31	4,502	720	0.25	8,748	3,937	1.39	8,374	2.95
Massachusetts	107,655	4,844	1.15	7,925	1,268	0.30	12,732	5,729	1.35	11,842	2.80
Michigan	193,944	8,727	1.37	9,517	1,523	0.24	15,056	6,775	1.07	17,025	2.68
Minnesota	69,288	3,118	1.14	2,692	431	0.16	7,484	3,368	1.23	6,916	2.53
Mississippi	28,648	1,289	0.82	797	128	0.08	2,458	1,106	0.71	2,523	1.61
Missouri	86,940	3,912	1.12	4,228	676	0.19	7,724	3,476	1.00	8,065	2.32
Montana	17,179	773	1.54	418	67	0.13	1,145	515	1.03	1,355	2.70
Nebraska	31,183	1,403	1.28	902	144	0.13	2,463	1,108	1.01	2,656	2.43
Nevada	13,620	613	1.73	1,482	237	0.67	2,499	1,125	3.18	1,975	5.58
New Hampshire	20,079	904	1.68	1,058	169	0.32	3,371	1,517	2.82	2,590	4.82
New Jersey	138,322	6,224	1.17	12,629	2,021	0.38	16,289	7,330	1.38	15,575	2.93
New Mexico	18,665	840	1.20	1,597	256	0.36	1,530	688	0.98	1,784	2.54
New York	357,617	16,093	1.17	33,994	5,439	0.40	43,365	19,514	1.42	41,046	3.00
North Carolina	59,386	2,672	0.72	3,688	590	0.16	7,584	3,413	0.91	6,675	1.79
North Dakota	12,038	542	1.21	299	48	0.11	1,009	454	1.02	1,044	2.34
Ohio	209,830	9,442	1.22	9,062	1,450	0.19	14,046	6,321	0.81	17,213	2.22
Oklahoma	33,200	1,494	0.78	1,749	280	0.15	3,568	1,606	0.84	3,379	1.76
Oregon	40,798	1,836	1.17	3,841	615	0.39	3,135	1,411	0.90	3,861	2.47
Pennsylvania	248,341	11,175	1.26	10,675	1,708	0.19	16,188	7,285	0.82	20,168	2.28
Rhode Island	20,360	916	1.28	1,688	270	0.38	1,867	840	1.17	2,026	2.83
South Carolina	32,897	1,480	0.80	1,802	288	0.16	4,484	2,018	1.09	3,786	2.04
South Dakota	9,993	450	0.93	402	64	0.13	972	437	0.90	951	1.97
Tennessee	56,240	2,531	0.87	1,160	186	0.06	3,766	1,695	0.58	4,411	1.52
Texas	236,125	10,626	1.31	8,770	1,403	0.17	13,282	5,977	0.74	18,006	2.22
Utah	12,215	550	0.75	559	89	0.12	927	417	0.57	1,056	1.44
Vermont	9,906	446	1.38	778	124	0.39	1,240	558	1.73	1,128	3.50
Virginia	84,553	3,805	1.11	4,373	700	0.20	7,717	3,473	1.02	7,977	2.33
Washington	66,838	3,008	1.19	6,148	984	0.39	6,024	2,711	1.08	6,702	2.66
West Virginia	25,117	1,130	0.87	722	116	0.09	1,996	898	0.69	2,144	1.64
Wisconsin	121,486	5,467	1.71	4,332	693	0.22	8,867	3,990	1.25	10,150	3.18
Wyoming	6,867	309	1.28	236	38	0.16	616	277	1.15	624	2.59
Northeast Region	971,941	43,737	1.19	73,912	11,826	0.32	103,997	46,799	1.28	102,362	2.79
Midwest Region	1,121,080	50,449	1.22	49,829	7,973	0.19	93,171	41,927	1.02	100,348	2.43
South Region	1,023,368	46,052	1.00	51,900	8,304	0.18	101,110	45,500	0.99	99,855	2.17
West Region	653,223	29,395	1.15	80,160	12,826	0.50	71,592	32,216	1.26	74,437	2.91
United States	3,769,612	169,633	1.14	255,801	40,928	0.27	369,870	166,442	1.11	377,002	2.52

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1971

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	37,598	1,692	0.66	1,504	241	0.09	4,332	1,949	0.76	3,882	1.52
Alaska	6,336	285	1.33	582	93	0.43	1,029	463	2.15	841	3.91
Arizona	41,837	1,883	1.38	2,999	480	0.35	3,274	1,473	1.08	3,836	2.82
Arkansas	25,020	1,126	0.77	1,258	201	0.14	1,815	817	0.56	2,144	1.47
California	380,397	17,118	1.13	64,162	10,266	0.68	46,657	20,996	1.38	48,379	3.19
Colorado	45,359	2,041	1.21	3,983	637	0.38	4,993	2,247	1.33	4,925	2.92
Connecticut	50,381	2,267	0.99	5,240	838	0.37	7,318	3,293	1.44	6,399	2.80
Delaware	10,948	493	1.20	604	97	0.24	1,579	711	1.74	1,300	3.18
District of Columbia	17,597	792	1.37	3,288	526	0.91	5,707	2,568	4.45	3,886	6.74
Florida	143,345	6,451	1.18	11,174	1,788	0.33	18,414	8,286	1.52	16,525	3.03
Georgia	64,879	2,920	0.86	2,636	422	0.12	8,185	3,683	1.08	7,025	2.07
Hawaii	14,725	663	1.15	1,332	213	0.37	1,200	540	0.93	1,416	2.45
Idaho	14,883	670	1.26	863	138	0.26	910	410	0.77	1,217	2.28
Illinois	224,559	10,105	1.22	16,297	2,608	0.32	25,466	11,460	1.39	24,172	2.92
Indiana	85,908	3,866	1.01	3,210	514	0.13	5,825	2,621	0.68	7,001	1.82
Iowa	51,902	2,336	1.10	957	153	0.07	3,335	1,501	0.71	3,989	1.89
Kansas	33,646	1,514	0.89	1,080	173	0.10	2,598	1,169	0.69	2,856	1.68
Kentucky	52,139	2,346	0.97	1,516	243	0.10	4,664	2,099	0.87	4,688	1.93
Louisiana	68,724	3,093	1.17	5,436	870	0.33	5,702	2,566	0.97	6,528	2.48
Maine	21,206	954	1.28	1,867	299	0.40	1,650	742	0.99	1,995	2.67
Maryland	83,812	3,772	1.28	5,213	834	0.28	9,377	4,220	1.44	8,825	3.00
Massachusetts	110,110	4,955	1.15	10,051	1,608	0.37	13,089	5,890	1.37	12,453	2.89
Michigan	195,328	8,790	1.35	11,246	1,799	0.28	15,374	6,918	1.06	17,507	2.69
Minnesota	71,779	3,230	1.15	3,564	570	0.20	8,054	3,624	1.29	7,425	2.65
Mississippi	32,566	1,465	0.91	1,022	164	0.10	2,679	1,206	0.75	2,835	1.76
Missouri	89,253	4,016	1.13	4,124	660	0.19	7,436	3,346	0.94	8,022	2.27
Montana	17,946	808	1.55	477	76	0.15	1,211	545	1.05	1,429	2.75
Nebraska	33,508	1,508	1.35	1,126	180	0.16	2,546	1,146	1.02	2,834	2.53
Nevada	14,492	652	1.74	1,683	269	0.72	2,690	1,210	3.23	2,132	5.69
New Hampshire	22,200	999	1.79	1,385	222	0.40	3,828	1,723	3.09	2,943	5.27
New Jersey	139,962	6,298	1.16	14,333	2,293	0.42	16,440	7,398	1.36	15,990	2.94
New Mexico	20,613	928	1.26	1,761	282	0.38	1,528	688	0.94	1,897	2.58
New York	357,646	16,094	1.16	38,515	6,162	0.44	43,333	19,500	1.41	41,756	3.01
North Carolina	66,203	2,979	0.78	4,673	748	0.20	7,710	3,470	0.91	7,196	1.88
North Dakota	12,831	577	1.26	354	57	0.12	1,073	483	1.05	1,117	2.43
Ohio	209,719	9,437	1.20	10,567	1,691	0.21	14,150	6,368	0.81	17,496	2.22
Oklahoma	35,000	1,575	0.80	2,111	338	0.17	3,520	1,584	0.80	3,497	1.77
Oregon	43,433	1,954	1.21	4,553	728	0.45	3,276	1,474	0.91	4,157	2.57
Pennsylvania	253,364	11,401	1.27	12,131	1,941	0.22	16,558	7,451	0.83	20,793	2.31
Rhode Island	20,690	931	1.28	2,057	329	0.45	1,904	857	1.18	2,117	2.91
South Carolina	36,498	1,642	0.86	2,296	367	0.19	4,727	2,127	1.11	4,137	2.16
South Dakota	10,685	481	0.97	486	78	0.16	1,065	479	0.97	1,038	2.10
Tennessee	62,180	2,798	0.94	1,932	309	0.10	3,966	1,785	0.60	4,892	1.64
Texas	253,171	11,393	1.36	10,162	1,626	0.19	13,643	6,139	0.74	19,158	2.29
Utah	12,961	583	0.77	709	113	0.15	984	443	0.58	1,139	1.50
Vermont	11,083	499	1.51	986	158	0.48	1,328	598	1.81	1,254	3.79
Virginia	81,473	3,666	1.04	5,054	809	0.23	7,915	3,562	1.01	8,037	2.29
Washington	70,009	3,150	1.23	6,979	1,117	0.44	6,058	2,726	1.06	6,993	2.73
West Virginia	26,169	1,178	0.89	844	135	0.10	2,204	992	0.75	2,304	1.73
Wisconsin	126,195	5,679	1.74	5,063	810	0.25	9,145	4,115	1.26	10,604	3.25
Wyoming	7,316	329	1.32	286	46	0.18	653	294	1.18	669	2.69
Northeast Region	986,642	44,399	1.19	86,565	13,850	0.37	105,448	47,452	1.27	105,701	2.84
Midwest Region	1,145,313	51,539	1.23	58,074	9,292	0.22	96,067	43,230	1.03	104,061	2.48
South Region	1,097,322	49,379	1.04	60,723	9,716	0.21	106,139	47,763	1.01	106,858	2.26
West Region	690,307	31,064	1.18	90,369	14,459	0.55	74,463	33,508	1.27	79,031	3.00
United States	3,919,584	176,381	1.15	295,731	47,317	0.31	382,117	171,953	1.12	395,651	2.59

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1972

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	42,719	1,922	0.74	1,587	230	0.09	4,707	2,024	0.78	4,176	1.61
Alaska	6,038	272	1.22	634	92	0.41	972	418	1.87	782	3.50
Arizona	47,949	2,158	1.49	3,398	493	0.34	3,603	1,549	1.07	4,200	2.91
Arkansas	25,614	1,153	0.77	1,372	199	0.13	1,999	860	0.57	2,211	1.47
California	401,928	18,087	1.17	70,363	10,203	0.66	47,930	20,610	1.33	48,899	3.16
Colorado	50,444	2,270	1.28	4,506	653	0.37	5,280	2,270	1.28	5,194	2.93
Connecticut	49,282	2,218	0.96	5,495	797	0.34	7,377	3,172	1.37	6,187	2.67
Delaware	11,338	510	1.21	754	109	0.26	1,558	670	1.60	1,289	3.07
District of Columbia	17,165	772	1.34	3,543	514	0.89	5,566	2,393	4.16	3,680	6.40
Florida	159,410	7,173	1.25	12,953	1,878	0.33	20,229	8,698	1.52	17,750	3.10
Georgia	69,731	3,138	0.90	3,758	545	0.16	9,079	3,904	1.12	7,587	2.18
Hawaii	15,965	718	1.20	1,103	160	0.27	1,481	637	1.06	1,515	2.52
Idaho	16,465	741	1.34	1,043	151	0.27	969	417	0.75	1,309	2.36
Illinois	224,590	10,107	1.21	17,932	2,600	0.31	25,946	11,157	1.33	23,863	2.85
Indiana	86,690	3,901	1.00	3,340	484	0.12	6,090	2,619	0.67	7,004	1.80
Iowa	53,119	2,390	1.12	1,177	171	0.08	3,426	1,473	0.69	4,034	1.88
Kansas	36,662	1,650	0.96	1,335	194	0.11	2,661	1,144	0.67	2,988	1.74
Kentucky	54,099	2,434	0.99	1,672	242	0.10	4,699	2,021	0.82	4,697	1.91
Louisiana	72,811	3,276	1.22	5,690	825	0.31	5,998	2,579	0.96	6,681	2.49
Maine	22,347	1,006	1.31	1,253	182	0.24	1,755	755	0.99	1,942	2.54
Maryland	83,732	3,768	1.25	6,128	889	0.30	9,829	4,226	1.40	8,883	2.95
Massachusetts	113,369	5,102	1.17	10,882	1,578	0.36	13,610	5,852	1.34	12,532	2.87
Michigan	201,363	9,061	1.37	12,391	1,797	0.27	16,219	6,974	1.06	17,832	2.70
Minnesota	71,296	3,208	1.13	3,911	567	0.20	7,735	3,326	1.17	7,101	2.49
Mississippi	34,663	1,560	0.95	1,292	187	0.11	2,879	1,238	0.75	2,985	1.82
Missouri	90,158	4,057	1.13	4,705	682	0.19	7,662	3,295	0.92	8,034	2.24
Montana	17,988	809	1.52	588	85	0.16	1,295	557	1.05	1,452	2.73
Nebraska	32,124	1,446	1.27	1,224	177	0.16	2,577	1,108	0.97	2,731	2.40
Nevada	15,880	715	1.81	1,983	288	0.73	3,134	1,348	3.41	2,350	5.95
New Hampshire	22,877	1,029	1.79	1,494	217	0.38	4,143	1,781	3.10	3,028	5.27
New Jersey	137,527	6,189	1.12	15,733	2,281	0.41	17,060	7,336	1.33	15,806	2.86
New Mexico	23,264	1,047	1.38	1,822	264	0.35	1,725	742	0.98	2,053	2.70
New York	353,893	15,925	1.14	41,985	6,088	0.44	40,225	17,297	1.24	39,310	2.81
North Carolina	69,684	3,136	0.80	5,718	829	0.21	7,894	3,394	0.87	7,359	1.88
North Dakota	13,199	594	1.27	517	75	0.16	1,190	512	1.09	1,181	2.52
Ohio	208,787	9,395	1.18	10,970	1,591	0.20	14,379	6,183	0.78	17,169	2.15
Oklahoma	38,245	1,721	0.86	2,047	297	0.15	3,504	1,507	0.75	3,525	1.76
Oregon	45,650	2,054	1.24	5,330	773	0.47	3,452	1,484	0.89	4,311	2.60
Pennsylvania	255,074	11,478	1.27	13,395	1,942	0.21	16,772	7,212	0.80	20,633	2.27
Rhode Island	22,186	998	1.35	2,152	312	0.42	2,002	861	1.16	2,171	2.93
South Carolina	40,087	1,804	0.92	2,886	418	0.21	4,947	2,127	1.09	4,350	2.22
South Dakota	11,426	514	1.02	560	81	0.16	1,069	460	0.91	1,055	2.09
Tennessee	65,465	2,946	0.97	2,342	340	0.11	4,435	1,907	0.63	5,193	1.70
Texas	266,795	12,006	1.40	11,867	1,721	0.20	14,608	6,281	0.73	20,008	2.34
Utah	13,920	626	0.79	809	117	0.15	1,053	453	0.57	1,196	1.52
Vermont	11,549	520	1.53	1,045	152	0.45	1,464	630	1.86	1,301	3.84
Virginia	77,534	3,489	0.97	5,256	762	0.21	8,169	3,513	0.98	7,764	2.16
Washington	70,895	3,190	1.24	7,654	1,110	0.43	5,978	2,571	1.00	6,871	2.67
West Virginia	26,475	1,191	0.88	910	132	0.10	2,305	991	0.73	2,314	1.71
Wisconsin	128,725	5,793	1.74	6,057	878	0.26	9,849	4,235	1.27	10,906	3.27
Wyoming	7,950	358	1.40	338	49	0.19	697	300	1.17	706	2.76
Northeast Region	988,104	44,465	1.18	93,434	13,548	0.36	104,408	44,895	1.19	102,908	2.73
Midwest Region	1,158,139	52,116	1.22	64,119	9,297	0.22	98,803	42,485	1.00	103,899	2.44
South Region	1,155,567	52,001	1.07	69,775	10,117	0.21	112,405	48,334	1.00	110,452	2.28
West Region	734,336	33,045	1.22	99,571	14,438	0.53	77,569	33,355	1.23	80,838	2.99
United States	4,036,146	181,627	1.17	326,899	47,400	0.30	393,185	169,070	1.09	398,096	2.56

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1973

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	46,203	2,079	0.79	1,846	268	0.10	4,869	2,094	0.79	4,440	1.69
Alaska	6,453	290	1.26	685	99	0.43	1,003	431	1.87	821	3.55
Arizona	53,380	2,402	1.57	3,580	519	0.34	3,871	1,665	1.09	4,586	3.00
Arkansas	27,946	1,258	0.82	1,367	198	0.13	2,176	936	0.61	2,391	1.56
California	417,463	18,786	1.19	73,625	10,676	0.68	49,052	21,092	1.34	50,554	3.21
Colorado	55,332	2,490	1.34	4,956	719	0.39	5,710	2,455	1.32	5,664	3.05
Connecticut	53,187	2,393	1.02	5,586	810	0.35	7,356	3,163	1.35	6,366	2.72
Delaware	11,569	521	1.22	795	115	0.27	1,543	663	1.55	1,299	3.04
District of Columbia	17,662	795	1.39	3,630	526	0.92	5,162	2,220	3.89	3,541	6.21
Florida	179,240	8,066	1.33	14,260	2,068	0.34	22,002	9,461	1.56	19,594	3.24
Georgia	73,708	3,317	0.93	3,971	576	0.16	8,429	3,624	1.02	7,517	2.11
Hawaii	17,360	781	1.25	1,377	200	0.32	1,809	778	1.25	1,759	2.82
Idaho	17,435	785	1.38	1,010	146	0.26	982	422	0.74	1,353	2.38
Illinois	228,162	10,267	1.22	18,401	2,668	0.32	26,360	11,335	1.35	24,270	2.88
Indiana	89,019	4,006	1.01	4,211	611	0.15	5,815	2,500	0.63	7,117	1.80
Iowa	56,131	2,526	1.17	1,286	186	0.09	3,662	1,575	0.73	4,287	1.98
Kansas	37,830	1,702	0.98	1,263	183	0.11	2,748	1,182	0.68	3,067	1.76
Kentucky	55,946	2,518	1.01	1,712	248	0.10	4,793	2,061	0.83	4,827	1.93
Louisiana	75,935	3,417	1.26	3,959	574	0.21	6,058	2,605	0.96	6,596	2.42
Maine	23,431	1,054	1.35	1,235	179	0.23	1,822	783	1.01	2,017	2.59
Maryland	87,821	3,952	1.29	6,418	931	0.30	10,136	4,358	1.42	9,241	3.02
Massachusetts	123,668	5,565	1.25	11,391	1,652	0.37	14,299	6,149	1.39	13,365	3.01
Michigan	209,687	9,436	1.41	12,826	1,860	0.28	16,273	6,997	1.04	18,293	2.73
Minnesota	78,501	3,533	1.22	3,927	569	0.20	8,224	3,536	1.22	7,638	2.63
Mississippi	36,663	1,650	0.98	1,216	176	0.10	2,990	1,286	0.76	3,112	1.85
Missouri	92,781	4,175	1.15	4,930	715	0.20	7,198	3,095	0.85	7,985	2.20
Montana	19,990	900	1.66	636	92	0.17	1,355	583	1.07	1,574	2.90
Nebraska	34,952	1,573	1.36	1,144	166	0.14	2,645	1,137	0.98	2,876	2.48
Nevada	17,493	787	1.92	2,212	321	0.78	3,489	1,500	3.66	2,608	6.36
New Hampshire	25,242	1,136	1.92	1,607	233	0.39	4,268	1,835	3.09	3,204	5.40
New Jersey	143,510	6,458	1.16	15,642	2,268	0.41	16,690	7,177	1.29	15,903	2.86
New Mexico	23,880	1,075	1.37	1,798	261	0.33	1,737	747	0.95	2,082	2.65
New York	359,001	16,155	1.16	43,275	6,275	0.45	42,890	18,443	1.32	40,873	2.93
North Carolina	77,354	3,481	0.87	5,646	819	0.20	8,055	3,464	0.87	7,763	1.94
North Dakota	13,483	607	1.28	482	70	0.15	1,285	553	1.16	1,229	2.59
Ohio	217,720	9,797	1.21	10,961	1,589	0.20	14,746	6,341	0.79	17,728	2.20
Oklahoma	41,044	1,847	0.90	2,368	343	0.17	3,797	1,633	0.80	3,823	1.87
Oregon	46,200	2,079	1.22	5,719	829	0.49	3,684	1,584	0.93	4,492	2.64
Pennsylvania	261,673	11,775	1.29	13,365	1,938	0.21	17,102	7,354	0.81	21,067	2.31
Rhode Island	21,898	985	1.32	2,162	313	0.42	2,059	885	1.19	2,184	2.93
South Carolina	44,376	1,997	1.00	2,751	399	0.20	5,084	2,186	1.09	4,582	2.29
South Dakota	11,749	529	1.04	561	81	0.16	1,204	518	1.02	1,128	2.21
Tennessee	70,858	3,189	1.03	2,486	360	0.12	4,913	2,113	0.68	5,662	1.83
Texas	282,354	12,706	1.45	12,143	1,761	0.20	15,263	6,563	0.75	21,030	2.39
Utah	14,919	671	0.82	869	126	0.15	1,107	476	0.58	1,273	1.56
Vermont	11,142	501	1.45	1,090	158	0.46	1,500	645	1.87	1,304	3.78
Virginia	84,386	3,797	1.03	6,433	933	0.25	8,482	3,647	0.99	8,377	2.28
Washington	75,385	3,392	1.30	7,684	1,114	0.43	6,290	2,705	1.03	7,211	2.76
West Virginia	27,569	1,241	0.91	884	128	0.09	2,387	1,026	0.75	2,395	1.76
Wisconsin	133,792	6,021	1.77	6,042	876	0.26	11,265	4,844	1.43	11,741	3.46
Wyoming	9,013	406	1.54	359	52	0.20	758	326	1.24	784	2.98
Northeast Region	1,022,752	46,024	1.21	95,353	13,826	0.36	107,986	46,434	1.22	106,284	2.80
Midwest Region	1,203,807	54,171	1.26	66,034	9,575	0.22	101,425	43,613	1.01	107,359	2.49
South Region	1,240,634	55,829	1.12	71,885	10,423	0.21	116,139	49,940	1.01	116,192	2.34
West Region	774,303	34,844	1.26	104,510	15,154	0.55	80,847	34,764	1.25	84,762	3.06
United States	4,241,496	190,867	1.20	337,782	48,978	0.31	406,397	174,751	1.10	414,596	2.62

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1974

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	49,769	2,240	0.83	2,912	422	0.16	5,060	2,176	0.81	4,838	1.80
Alaska	7,598	342	1.41	787	114	0.47	1,112	478	1.98	934	3.86
Arizona	58,188	2,618	1.63	3,677	533	0.33	4,081	1,755	1.09	4,906	3.06
Arkansas	30,915	1,391	0.89	1,363	198	0.13	2,355	1,013	0.65	2,601	1.66
California	464,237	20,891	1.30	75,542	10,954	0.68	50,685	21,795	1.35	53,639	3.33
Colorado	60,162	2,707	1.42	5,121	743	0.39	6,075	2,612	1.37	6,062	3.19
Connecticut	54,753	2,464	1.04	5,694	826	0.35	7,407	3,185	1.34	6,475	2.72
Delaware	11,892	535	1.23	779	113	0.26	1,521	654	1.51	1,302	3.00
District of Columbia	17,390	783	1.39	3,478	504	0.89	4,932	2,121	3.76	3,408	6.04
Florida	194,347	8,746	1.38	14,234	2,064	0.32	22,469	9,662	1.52	20,471	3.22
Georgia	79,797	3,591	0.99	3,869	561	0.15	9,181	3,948	1.09	8,100	2.23
Hawaii	18,910	851	1.33	1,462	212	0.33	1,947	837	1.31	1,900	2.98
Idaho	18,252	821	1.39	1,040	151	0.26	1,056	454	0.77	1,426	2.42
Illinois	239,982	10,799	1.27	19,118	2,772	0.33	26,411	11,357	1.34	24,928	2.94
Indiana	89,584	4,031	1.01	3,584	520	0.13	6,755	2,905	0.73	7,456	1.86
Iowa	60,997	2,745	1.25	1,311	190	0.09	3,828	1,646	0.75	4,581	2.09
Kansas	42,311	1,904	1.08	1,467	213	0.12	2,906	1,250	0.71	3,366	1.91
Kentucky	57,021	2,566	1.01	1,678	243	0.10	4,827	2,076	0.82	4,885	1.92
Louisiana	79,194	3,564	1.29	3,948	572	0.21	6,215	2,672	0.97	6,809	2.46
Maine	24,638	1,109	1.40	1,289	187	0.24	1,928	829	1.05	2,125	2.68
Maryland	92,354	4,156	1.34	6,759	980	0.32	10,473	4,503	1.45	9,639	3.10
Massachusetts	130,389	5,868	1.31	11,294	1,638	0.37	14,707	6,324	1.41	13,829	3.09
Michigan	212,142	9,546	1.40	13,107	1,901	0.28	16,662	7,165	1.05	18,612	2.74
Minnesota	84,131	3,786	1.28	3,982	577	0.20	8,637	3,714	1.26	8,077	2.74
Mississippi	38,868	1,749	1.02	1,287	187	0.11	3,199	1,376	0.81	3,311	1.94
Missouri	96,242	4,331	1.18	4,644	673	0.18	7,771	3,342	0.91	8,346	2.27
Montana	20,948	943	1.70	648	94	0.17	1,414	608	1.10	1,645	2.96
Nebraska	36,113	1,625	1.38	1,157	168	0.14	2,774	1,193	1.01	2,986	2.53
Nevada	19,037	857	1.99	2,408	349	0.81	3,686	1,585	3.69	2,791	6.49
New Hampshire	26,906	1,211	1.99	1,719	249	0.41	4,233	1,820	2.99	3,280	5.39
New Jersey	145,106	6,530	1.16	15,907	2,307	0.41	16,527	7,107	1.26	15,943	2.84
New Mexico	27,704	1,247	1.54	1,860	270	0.33	1,846	794	0.98	2,310	2.85
New York	364,337	16,395	1.17	42,114	6,107	0.44	42,279	18,180	1.30	40,682	2.91
North Carolina	84,951	3,823	0.94	5,777	838	0.21	8,225	3,537	0.87	8,197	2.01
North Dakota	14,179	638	1.33	469	68	0.14	1,384	595	1.24	1,301	2.71
Ohio	218,891	9,850	1.21	10,739	1,557	0.19	14,976	6,440	0.79	17,847	2.19
Oklahoma	44,328	1,995	0.96	1,937	281	0.14	3,752	1,613	0.78	3,889	1.87
Oregon	49,082	2,209	1.27	6,191	898	0.52	3,801	1,634	0.94	4,741	2.72
Pennsylvania	265,549	11,950	1.30	14,066	2,040	0.22	17,216	7,403	0.81	21,392	2.33
Rhode Island	22,203	999	1.37	2,157	313	0.43	2,120	912	1.25	2,224	3.06
South Carolina	48,676	2,190	1.06	2,739	397	0.19	5,272	2,267	1.10	4,855	2.36
South Dakota	12,225	550	1.07	580	84	0.16	1,209	520	1.01	1,154	2.24
Tennessee	74,854	3,368	1.07	2,488	361	0.11	5,133	2,207	0.70	5,936	1.88
Texas	305,184	13,733	1.53	12,178	1,766	0.20	16,289	7,004	0.78	22,503	2.50
Utah	16,633	748	0.90	821	119	0.14	1,116	480	0.57	1,347	1.61
Vermont	10,830	487	1.39	1,168	169	0.48	1,505	647	1.84	1,304	3.71
Virginia	91,820	4,132	1.10	5,807	842	0.22	8,592	3,695	0.98	8,668	2.31
Washington	79,661	3,585	1.34	8,110	1,176	0.44	6,702	2,882	1.07	7,643	2.85
West Virginia	27,964	1,258	0.92	877	127	0.09	2,498	1,074	0.78	2,460	1.79
Wisconsin	136,807	6,156	1.78	6,104	885	0.26	10,765	4,629	1.34	11,670	3.38
Wyoming	10,314	464	1.70	388	56	0.21	830	357	1.31	877	3.21
Northeast Region	1,044,711	47,012	1.23	95,408	13,834	0.36	107,922	46,406	1.22	107,253	2.81
Midwest Region	1,243,604	55,962	1.28	66,262	9,608	0.22	104,078	44,754	1.03	110,324	2.53
South Region	1,329,324	59,820	1.18	72,110	10,456	0.21	119,993	51,597	1.01	121,873	2.40
West Region	850,726	38,283	1.35	108,055	15,668	0.55	84,351	36,271	1.28	90,222	3.18
United States	4,468,365	201,076	1.25	341,835	49,566	0.31	416,344	179,028	1.11	429,670	2.67

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1975

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	53,236	2,396	0.88	3,016	437	0.16	5,395	2,320	0.85	5,153	1.88
Alaska	8,880	400	1.49	873	127	0.47	1,359	584	2.17	1,111	4.13
Arizona	59,643	2,684	1.63	4,044	586	0.36	4,145	1,782	1.08	5,053	3.06
Arkansas	31,764	1,429	0.89	1,364	198	0.12	2,366	1,017	0.63	2,645	1.64
California	466,420	20,989	1.27	79,106	11,470	0.70	52,054	22,383	1.36	54,842	3.33
Colorado	61,966	2,788	1.43	5,602	812	0.42	6,311	2,714	1.39	6,314	3.24
Connecticut	56,234	2,531	1.05	5,837	846	0.35	7,271	3,127	1.29	6,503	2.69
Delaware	12,125	546	1.23	780	113	0.26	1,532	659	1.49	1,317	2.98
District of Columbia	17,069	768	1.37	3,561	516	0.92	4,828	2,076	3.71	3,360	6.00
Florida	200,571	9,026	1.38	15,321	2,222	0.34	22,330	9,602	1.47	20,849	3.19
Georgia	79,305	3,569	0.97	4,297	623	0.17	9,945	4,276	1.16	8,468	2.30
Hawaii	21,793	981	1.50	1,589	230	0.35	1,970	847	1.30	2,058	3.15
Idaho	20,065	903	1.48	1,113	161	0.27	1,135	488	0.80	1,552	2.55
Illinois	248,694	11,191	1.31	19,800	2,871	0.33	26,826	11,535	1.35	25,597	2.99
Indiana	93,570	4,211	1.04	4,080	592	0.15	7,006	3,013	0.75	7,815	1.94
Iowa	62,601	2,817	1.27	1,450	210	0.09	3,945	1,696	0.76	4,724	2.13
Kansas	44,486	2,002	1.12	1,444	209	0.12	2,935	1,262	0.71	3,473	1.94
Kentucky	60,230	2,710	1.05	1,758	255	0.10	5,006	2,153	0.83	5,118	1.98
Louisiana	81,524	3,669	1.30	4,276	620	0.22	6,700	2,881	1.02	7,170	2.53
Maine	25,914	1,166	1.44	1,370	199	0.25	1,951	839	1.04	2,204	2.72
Maryland	94,861	4,269	1.35	7,196	1,043	0.33	10,739	4,618	1.46	9,930	3.14
Massachusetts	133,138	5,991	1.33	11,785	1,709	0.38	14,273	6,137	1.36	13,837	3.07
Michigan	218,353	9,826	1.43	13,740	1,992	0.29	16,721	7,190	1.05	19,008	2.77
Minnesota	86,499	3,892	1.29	4,174	605	0.20	8,426	3,623	1.20	8,121	2.70
Mississippi	39,013	1,756	1.02	1,515	220	0.13	3,366	1,447	0.84	3,423	1.98
Missouri	99,794	4,491	1.21	5,116	742	0.20	7,680	3,302	0.89	8,535	2.30
Montana	21,193	954	1.68	728	106	0.19	1,474	634	1.11	1,693	2.98
Nebraska	36,449	1,640	1.38	1,294	188	0.16	2,718	1,169	0.98	2,997	2.51
Nevada	19,899	895	2.00	2,551	370	0.83	4,096	1,761	3.94	3,027	6.77
New Hampshire	26,828	1,207	1.94	2,098	304	0.49	4,477	1,925	3.10	3,437	5.53
New Jersey	146,074	6,573	1.16	16,610	2,408	0.42	16,155	6,947	1.22	15,928	2.81
New Mexico	27,939	1,257	1.49	2,040	296	0.35	1,954	840	1.00	2,393	2.85
New York	362,978	16,334	1.16	43,800	6,351	0.45	41,740	17,948	1.27	40,633	2.89
North Carolina	88,211	3,969	0.96	6,686	969	0.23	8,292	3,566	0.86	8,505	2.05
North Dakota	14,893	670	1.37	508	74	0.15	1,384	595	1.21	1,339	2.73
Ohio	225,835	10,163	1.24	11,301	1,639	0.20	14,812	6,369	0.78	18,170	2.21
Oklahoma	46,537	2,094	0.99	2,181	316	0.15	4,188	1,801	0.85	4,211	1.99
Oregon	50,649	2,279	1.28	6,533	947	0.53	3,961	1,703	0.95	4,930	2.76
Pennsylvania	273,997	12,330	1.33	14,314	2,076	0.22	17,272	7,427	0.80	21,832	2.35
Rhode Island	22,677	1,020	1.41	2,283	331	0.46	2,131	916	1.26	2,268	3.12
South Carolina	50,962	2,293	1.09	3,147	456	0.22	5,301	2,279	1.08	5,029	2.39
South Dakota	12,605	567	1.09	604	88	0.17	1,242	534	1.03	1,189	2.28
Tennessee	77,850	3,503	1.09	2,629	381	0.12	5,357	2,304	0.72	6,188	1.92
Texas	321,737	14,478	1.57	12,832	1,861	0.20	17,168	7,382	0.80	23,721	2.56
Utah	17,045	767	0.89	863	125	0.15	1,184	509	0.59	1,401	1.63
Vermont	11,308	509	1.42	1,202	174	0.49	1,528	657	1.83	1,340	3.73
Virginia	96,931	4,362	1.14	6,703	972	0.25	8,621	3,707	0.96	9,041	2.35
Washington	82,225	3,700	1.34	8,728	1,266	0.46	7,066	3,038	1.10	8,004	2.90
West Virginia	28,779	1,295	0.93	942	137	0.10	2,657	1,143	0.82	2,574	1.85
Wisconsin	146,350	6,586	1.87	6,394	927	0.26	10,739	4,618	1.31	12,131	3.44
Wyoming	11,630	523	1.83	422	61	0.21	878	378	1.32	962	3.36
Northeast Region	1,059,148	47,662	1.24	99,299	14,398	0.37	106,798	45,923	1.19	107,983	2.81
Midwest Region	1,290,129	58,056	1.32	69,905	10,136	0.23	104,434	44,907	1.02	113,099	2.56
South Region	1,380,705	62,132	1.20	78,204	11,340	0.22	123,791	53,230	1.02	126,701	2.44
West Region	869,347	39,121	1.34	114,192	16,558	0.57	87,587	37,662	1.29	93,341	3.20
United States	4,599,329	206,970	1.26	361,600	52,432	0.32	422,610	181,722	1.11	441,124	2.69

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1976

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	54,992	2,475	0.89	2,926	424	0.15	5,565	2,393	0.86	5,292	1.89
Alaska	9,545	430	1.48	980	142	0.49	1,391	598	2.06	1,170	4.03
Arizona	62,806	2,826	1.67	4,531	657	0.39	4,402	1,893	1.12	5,376	3.17
Arkansas	31,274	1,407	0.86	1,403	203	0.13	2,535	1,090	0.67	2,701	1.66
California	496,869	22,359	1.32	81,619	11,835	0.70	52,529	22,587	1.34	56,781	3.36
Colorado	64,763	2,914	1.46	6,308	915	0.46	6,381	2,744	1.37	6,573	3.29
Connecticut	55,836	2,513	1.03	6,180	896	0.37	7,195	3,094	1.26	6,503	2.66
Delaware	12,435	560	1.25	771	112	0.25	1,492	642	1.43	1,313	2.92
District of Columbia	16,492	742	1.34	3,597	522	0.94	4,591	1,974	3.57	3,238	5.86
Florida	199,788	8,990	1.35	16,610	2,408	0.36	22,709	9,765	1.46	21,164	3.17
Georgia	82,200	3,699	0.99	4,572	663	0.18	10,718	4,609	1.23	8,971	2.39
Hawaii	22,320	1,004	1.50	1,811	263	0.39	2,024	870	1.30	2,137	3.19
Idaho	21,180	953	1.52	1,170	170	0.27	1,160	499	0.79	1,622	2.58
Illinois	252,746	11,374	1.31	20,019	2,903	0.34	26,112	11,228	1.30	25,504	2.94
Indiana	98,240	4,421	1.08	4,063	589	0.14	7,110	3,057	0.75	8,067	1.98
Iowa	63,996	2,880	1.28	1,604	233	0.10	4,043	1,738	0.77	4,851	2.15
Kansas	45,531	2,049	1.13	1,399	203	0.11	2,913	1,253	0.69	3,504	1.93
Kentucky	59,481	2,677	1.01	1,808	262	0.10	4,857	2,089	0.79	5,027	1.90
Louisiana	81,681	3,676	1.27	5,665	821	0.28	7,073	3,041	1.05	7,538	2.61
Maine	25,954	1,168	1.41	1,455	211	0.26	2,064	888	1.07	2,266	2.74
Maryland	95,136	4,281	1.34	7,226	1,048	0.33	10,834	4,659	1.45	9,988	3.12
Massachusetts	131,830	5,932	1.30	12,001	1,740	0.38	13,950	5,998	1.32	13,671	3.00
Michigan	220,906	9,941	1.43	14,222	2,062	0.30	17,188	7,391	1.06	19,394	2.79
Minnesota	88,504	3,983	1.30	4,443	644	0.21	8,528	3,667	1.20	8,294	2.71
Mississippi	39,624	1,783	1.02	1,515	220	0.13	3,522	1,514	0.86	3,517	2.01
Missouri	99,764	4,489	1.19	5,144	746	0.20	7,075	3,042	0.81	8,278	2.20
Montana	23,016	1,036	1.78	810	117	0.20	1,516	652	1.12	1,805	3.11
Nebraska	37,431	1,684	1.39	1,429	207	0.17	2,733	1,175	0.97	3,067	2.54
Nevada	21,313	959	2.05	2,759	400	0.86	4,360	1,875	4.01	3,234	6.92
New Hampshire	26,902	1,211	1.89	2,323	337	0.53	4,465	1,920	3.00	3,467	5.43
New Jersey	144,018	6,481	1.13	16,548	2,399	0.42	15,902	6,838	1.19	15,718	2.75
New Mexico	30,208	1,359	1.56	2,012	292	0.34	1,980	851	0.98	2,502	2.88
New York	358,567	16,136	1.14	43,349	6,286	0.44	41,070	17,660	1.25	40,081	2.83
North Carolina	92,933	4,182	0.99	6,743	978	0.23	8,500	3,655	0.87	8,815	2.09
North Dakota	15,524	699	1.40	546	79	0.16	1,388	597	1.20	1,375	2.75
Ohio	227,224	10,225	1.24	11,625	1,686	0.20	14,722	6,330	0.77	18,241	2.21
Oklahoma	48,064	2,163	1.00	2,059	299	0.14	3,905	1,679	0.78	4,141	1.91
Oregon	52,730	2,373	1.30	6,320	916	0.50	4,062	1,747	0.96	5,036	2.75
Pennsylvania	274,432	12,349	1.32	14,415	2,090	0.22	17,161	7,379	0.79	21,819	2.34
Rhode Island	22,535	1,014	1.38	2,391	347	0.47	2,073	891	1.21	2,252	3.07
South Carolina	53,324	2,400	1.12	2,997	435	0.20	5,934	2,552	1.19	5,386	2.52
South Dakota	13,308	599	1.13	632	92	0.17	1,312	564	1.06	1,255	2.37
Tennessee	77,597	3,492	1.06	2,521	366	0.11	5,619	2,416	0.74	6,274	1.91
Texas	331,232	14,905	1.56	13,140	1,905	0.20	17,991	7,736	0.81	24,547	2.58
Utah	18,233	820	0.93	908	132	0.15	1,238	532	0.60	1,484	1.68
Vermont	11,605	522	1.43	1,250	181	0.50	1,499	645	1.76	1,348	3.68
Virginia	98,331	4,425	1.13	6,459	937	0.24	8,686	3,735	0.95	9,096	2.32
Washington	85,126	3,831	1.36	9,390	1,362	0.48	7,304	3,141	1.11	8,333	2.95
West Virginia	29,586	1,331	0.93	978	142	0.10	2,701	1,161	0.82	2,635	1.85
Wisconsin	142,811	6,426	1.80	6,729	976	0.27	10,896	4,685	1.31	12,087	3.38
Wyoming	12,079	544	1.82	432	63	0.21	914	393	1.31	999	3.34
Northeast Region	1,051,679	47,326	1.22	99,912	14,487	0.37	105,379	45,313	1.17	107,126	2.76
Midwest Region	1,305,985	58,769	1.32	71,855	10,419	0.23	104,020	44,729	1.00	113,917	2.55
South Region	1,404,170	63,188	1.19	80,990	11,744	0.22	127,232	54,710	1.03	129,641	2.45
West Region	920,188	41,408	1.38	119,050	17,262	0.58	89,261	38,382	1.28	97,053	3.24
United States	4,682,022	210,691	1.27	371,807	53,912	0.32	425,892	183,134	1.10	447,737	2.69

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1977

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	62,317	2,804	0.99	2,811	363	0.13	5,823	2,393	0.84	5,560	1.96
Alaska	7,829	352	1.19	961	124	0.42	1,218	501	1.70	977	3.31
Arizona	66,233	2,980	1.70	4,671	603	0.34	4,479	1,841	1.05	5,424	3.10
Arkansas	33,899	1,525	0.92	1,320	170	0.10	2,537	1,043	0.63	2,738	1.65
California	503,361	22,651	1.31	89,237	11,512	0.67	53,594	22,027	1.28	56,190	3.25
Colorado	65,203	2,934	1.43	5,809	749	0.36	6,084	2,501	1.22	6,184	3.01
Connecticut	57,700	2,596	1.05	6,665	860	0.35	7,292	2,997	1.21	6,453	2.61
Delaware	13,329	600	1.32	826	107	0.24	1,493	614	1.35	1,320	2.91
District of Columbia	16,799	756	1.39	3,751	484	0.89	4,317	1,774	3.26	3,014	5.53
Florida	202,474	9,111	1.33	17,261	2,227	0.33	24,417	10,035	1.47	21,373	3.13
Georgia	91,481	4,117	1.08	4,689	605	0.16	11,479	4,718	1.23	9,439	2.47
Hawaii	24,490	1,102	1.61	1,901	245	0.36	2,095	861	1.26	2,208	3.23
Idaho	21,607	972	1.50	1,116	144	0.22	1,249	513	0.79	1,630	2.52
Illinois	261,436	11,765	1.35	20,648	2,664	0.30	25,881	10,637	1.22	25,065	2.87
Indiana	104,618	4,708	1.14	4,392	567	0.14	7,777	3,196	0.77	8,471	2.05
Iowa	67,393	3,033	1.33	1,721	222	0.10	4,119	1,693	0.74	4,948	2.17
Kansas	46,552	2,095	1.13	1,447	187	0.10	2,909	1,196	0.65	3,477	1.88
Kentucky	70,755	3,184	1.19	1,854	239	0.09	4,906	2,016	0.75	5,440	2.03
Louisiana	85,026	3,826	1.30	5,776	745	0.25	7,367	3,028	1.03	7,599	2.57
Maine	25,691	1,156	1.37	1,519	196	0.23	2,128	875	1.04	2,227	2.64
Maryland	98,677	4,440	1.37	7,543	973	0.30	10,959	4,504	1.39	9,918	3.05
Massachusetts	137,042	6,167	1.34	13,147	1,696	0.37	13,923	5,722	1.24	13,585	2.95
Michigan	225,773	10,160	1.45	13,078	1,687	0.24	17,501	7,193	1.02	19,040	2.71
Minnesota	89,833	4,042	1.30	4,948	638	0.20	8,720	3,584	1.15	8,265	2.65
Mississippi	42,563	1,915	1.08	1,449	187	0.11	3,741	1,538	0.86	3,640	2.05
Missouri	104,091	4,684	1.23	5,497	709	0.19	7,719	3,173	0.83	8,566	2.25
Montana	24,108	1,085	1.83	903	116	0.20	1,589	653	1.10	1,854	3.12
Nebraska	39,450	1,775	1.45	1,593	205	0.17	2,697	1,108	0.91	3,089	2.53
Nevada	23,451	1,055	2.15	3,154	407	0.83	4,593	1,888	3.85	3,350	6.84
New Hampshire	27,793	1,251	1.89	2,561	330	0.50	4,727	1,943	2.93	3,524	5.32
New Jersey	148,254	6,671	1.16	17,968	2,318	0.40	15,894	6,532	1.13	15,522	2.69
New Mexico	32,722	1,472	1.65	2,215	286	0.32	2,096	861	0.96	2,620	2.93
New York	371,623	16,723	1.18	42,241	5,449	0.38	40,421	16,613	1.17	38,785	2.74
North Carolina	96,452	4,340	1.01	6,633	856	0.20	8,698	3,575	0.84	8,771	2.05
North Dakota	15,153	682	1.35	596	77	0.15	1,381	568	1.12	1,326	2.62
Ohio	215,853	9,713	1.17	11,375	1,467	0.18	14,187	5,831	0.70	17,012	2.04
Oklahoma	52,097	2,344	1.07	2,336	301	0.14	4,184	1,720	0.78	4,365	1.98
Oregon	55,511	2,498	1.33	6,753	871	0.46	4,386	1,803	0.96	5,172	2.74
Pennsylvania	281,100	12,650	1.35	14,779	1,906	0.20	16,949	6,966	0.74	21,522	2.29
Rhode Island	22,852	1,028	1.39	2,484	320	0.43	2,015	828	1.12	2,177	2.93
South Carolina	56,894	2,560	1.17	2,880	372	0.17	6,060	2,491	1.14	5,422	2.49
South Dakota	13,727	618	1.15	686	88	0.17	1,386	570	1.06	1,276	2.38
Tennessee	81,994	3,690	1.10	2,606	336	0.10	5,747	2,362	0.71	6,388	1.91
Texas	354,055	15,932	1.63	10,928	1,410	0.14	19,122	7,859	0.81	25,201	2.58
Utah	19,570	881	0.97	971	125	0.14	1,301	535	0.59	1,541	1.70
Vermont	11,798	531	1.42	1,283	166	0.44	1,430	588	1.58	1,284	3.44
Virginia	105,831	4,762	1.19	6,611	853	0.21	8,812	3,622	0.90	9,237	2.30
Washington	87,647	3,944	1.36	10,222	1,319	0.45	7,588	3,119	1.08	8,381	2.89
West Virginia	31,370	1,412	0.98	986	127	0.09	2,752	1,131	0.78	2,670	1.85
Wisconsin	144,184	6,488	1.78	7,578	978	0.27	11,156	4,585	1.26	12,051	3.31
Wyoming	12,373	557	1.79	495	64	0.21	996	409	1.32	1,030	3.31
Northeast Region	1,083,853	48,773	1.25	102,647	13,241	0.34	104,779	43,064	1.10	105,079	2.69
Midwest Region	1,328,063	59,763	1.32	73,559	9,489	0.21	105,433	43,333	0.96	112,585	2.49
South Region	1,496,013	67,321	1.25	80,260	10,354	0.19	132,414	54,422	1.01	132,096	2.44
West Region	944,105	42,485	1.38	128,408	16,565	0.54	91,268	37,511	1.22	96,561	3.15
United States	4,852,034	218,342	1.29	384,874	49,649	0.29	433,894	178,330	1.06	446,321	2.64

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1978

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	62,725	2,823	0.98	2,644	341	0.12	6,149	2,527	0.88	5,691	1.97
Alaska	9,260	417	1.39	1,034	133	0.45	1,220	501	1.68	1,052	3.52
Arizona	71,535	3,219	1.77	5,255	678	0.37	4,865	2,000	1.10	5,896	3.25
Arkansas	36,564	1,645	0.97	1,490	192	0.11	2,998	1,232	0.73	3,070	1.82
California	533,487	24,007	1.36	93,478	12,059	0.68	56,810	23,349	1.32	59,414	3.36
Colorado	77,029	3,466	1.64	7,772	1,003	0.47	7,336	3,015	1.43	7,484	3.54
Connecticut	59,887	2,695	1.07	7,312	943	0.38	7,292	2,997	1.20	6,635	2.65
Delaware	13,588	611	1.33	882	114	0.25	1,487	611	1.33	1,336	2.91
District of Columbia	17,140	771	1.43	3,944	509	0.94	4,115	1,691	3.14	2,971	5.51
Florida	220,237	9,911	1.41	18,465	2,382	0.34	25,269	10,386	1.48	22,678	3.23
Georgia	98,681	4,441	1.14	5,594	722	0.19	11,918	4,898	1.26	10,061	2.59
Hawaii	21,390	963	1.38	2,493	322	0.46	2,200	904	1.30	2,188	3.15
Idaho	22,178	998	1.50	1,315	170	0.26	1,297	533	0.80	1,701	2.56
Illinois	269,502	12,128	1.38	21,284	2,746	0.31	25,390	10,435	1.19	25,309	2.88
Indiana	110,918	4,991	1.19	5,073	654	0.16	8,056	3,311	0.79	8,957	2.14
Iowa	70,558	3,175	1.38	1,871	241	0.11	4,113	1,690	0.74	5,107	2.22
Kansas	47,290	2,128	1.14	1,679	217	0.12	2,909	1,196	0.64	3,540	1.89
Kentucky	64,414	2,899	1.07	1,965	253	0.09	5,080	2,088	0.77	5,240	1.93
Louisiana	90,409	4,068	1.35	5,915	763	0.25	7,792	3,203	1.07	8,034	2.67
Maine	24,824	1,117	1.31	1,778	229	0.27	2,178	895	1.05	2,242	2.62
Maryland	102,824	4,627	1.41	7,837	1,011	0.31	11,047	4,540	1.38	10,178	3.09
Massachusetts	141,496	6,367	1.37	14,519	1,873	0.40	14,125	5,805	1.25	14,046	3.02
Michigan	226,062	10,173	1.43	14,001	1,806	0.25	18,223	7,490	1.05	19,469	2.74
Minnesota	91,822	4,132	1.31	5,518	712	0.23	8,875	3,648	1.15	8,491	2.69
Mississippi	46,428	2,089	1.16	1,445	186	0.10	4,001	1,644	0.91	3,920	2.18
Missouri	112,137	5,046	1.31	5,834	753	0.20	8,323	3,421	0.89	9,220	2.40
Montana	24,592	1,107	1.82	962	124	0.20	1,578	649	1.07	1,879	3.10
Nebraska	40,389	1,818	1.47	1,699	219	0.18	2,690	1,106	0.89	3,142	2.54
Nevada	25,352	1,141	2.20	3,401	439	0.85	4,611	1,895	3.65	3,475	6.69
New Hampshire	30,136	1,356	1.99	2,865	370	0.54	4,881	2,006	2.94	3,732	5.46
New Jersey	151,871	6,834	1.17	18,759	2,420	0.42	15,649	6,432	1.10	15,686	2.69
New Mexico	34,246	1,541	1.68	2,272	293	0.32	2,185	898	0.98	2,732	2.99
New York	371,329	16,710	1.18	45,755	5,902	0.42	40,418	16,612	1.17	39,224	2.77
North Carolina	102,181	4,598	1.06	6,803	878	0.20	9,088	3,735	0.86	9,211	2.12
North Dakota	16,426	739	1.45	638	82	0.16	1,421	584	1.15	1,406	2.76
Ohio	223,037	10,037	1.19	12,910	1,665	0.20	14,323	5,887	0.70	17,589	2.09
Oklahoma	53,596	2,412	1.08	2,437	314	0.14	4,478	1,840	0.82	4,567	2.04
Oregon	57,845	2,603	1.34	7,119	918	0.47	4,608	1,894	0.98	5,415	2.79
Pennsylvania	285,731	12,858	1.36	15,493	1,999	0.21	16,993	6,984	0.74	21,841	2.32
Rhode Island	23,453	1,055	1.41	2,868	370	0.50	2,104	865	1.16	2,290	3.07
South Carolina	59,436	2,675	1.20	2,999	387	0.17	6,527	2,683	1.21	5,744	2.59
South Dakota	14,276	642	1.19	714	92	0.17	1,375	565	1.05	1,300	2.42
Tennessee	87,522	3,938	1.16	2,826	365	0.11	5,989	2,461	0.72	6,765	1.99
Texas	376,924	16,962	1.70	11,131	1,436	0.14	20,516	8,432	0.84	26,830	2.68
Utah	19,957	898	0.96	1,054	136	0.15	1,388	570	0.61	1,604	1.72
Vermont	12,957	583	1.53	1,378	178	0.47	1,468	603	1.59	1,364	3.59
Virginia	110,713	4,982	1.22	6,677	861	0.21	9,005	3,701	0.90	9,544	2.33
Washington	92,335	4,155	1.39	11,120	1,434	0.48	7,967	3,274	1.09	8,864	2.96
West Virginia	31,186	1,403	0.96	1,004	130	0.09	2,784	1,144	0.79	2,677	1.84
Wisconsin	147,353	6,631	1.80	7,868	1,015	0.28	10,617	4,364	1.18	12,009	3.25
Wyoming	13,192	594	1.82	563	73	0.22	1,080	444	1.36	1,110	3.41
Northeast Region	1,101,684	49,576	1.26	110,727	14,284	0.36	105,108	43,199	1.10	107,059	2.73
Midwest Region	1,369,770	61,640	1.35	79,089	10,202	0.22	106,315	43,695	0.96	115,538	2.53
South Region	1,574,568	70,856	1.29	84,058	10,843	0.20	138,243	56,818	1.03	138,517	2.52
West Region	1,002,398	45,108	1.43	137,838	17,781	0.56	97,145	39,927	1.27	102,816	3.26
United States	5,048,420	227,179	1.33	411,712	53,111	0.31	446,811	183,639	1.07	463,929	2.71

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1979

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	63,999	2,880	0.98	2,810	362	0.12	5,969	2,453	0.84	5,696	1.94
Alaska	9,848	443	1.50	1,067	138	0.47	1,186	487	1.65	1,068	3.62
Arizona	77,684	3,496	1.86	5,682	733	0.39	5,324	2,188	1.17	6,417	3.42
Arkansas	35,231	1,585	0.93	1,296	167	0.10	2,378	977	0.57	2,730	1.60
California	572,605	25,767	1.42	97,727	12,607	0.70	56,245	23,117	1.28	61,491	3.40
Colorado	81,102	3,650	1.68	7,913	1,021	0.47	7,233	2,973	1.37	7,643	3.52
Connecticut	63,255	2,846	1.13	7,759	1,001	0.40	7,356	3,023	1.20	6,871	2.72
Delaware	14,143	636	1.38	947	122	0.27	1,503	618	1.34	1,376	2.99
District of Columbia	17,383	782	1.48	4,072	525	0.99	3,903	1,604	3.03	2,912	5.49
Florida	236,199	10,629	1.47	20,431	2,636	0.37	26,464	10,877	1.51	24,141	3.34
Georgia	102,939	4,632	1.17	5,681	733	0.19	11,728	4,820	1.22	10,185	2.58
Hawaii	25,110	1,130	1.60	2,427	313	0.44	2,200	904	1.28	2,347	3.32
Idaho	23,396	1,053	1.55	1,445	186	0.27	1,384	569	0.84	1,808	2.65
Illinois	283,778	12,770	1.45	22,285	2,875	0.33	25,181	10,349	1.17	25,994	2.94
Indiana	115,444	5,195	1.23	5,039	650	0.15	8,142	3,346	0.79	9,191	2.18
Iowa	71,728	3,228	1.40	1,995	257	0.11	3,955	1,626	0.71	5,111	2.22
Kansas	49,199	2,214	1.17	1,678	216	0.11	3,362	1,382	0.73	3,812	2.01
Kentucky	67,467	3,036	1.10	2,017	260	0.09	5,153	2,118	0.77	5,414	1.97
Louisiana	92,529	4,164	1.36	6,116	789	0.26	8,002	3,289	1.08	8,242	2.70
Maine	24,915	1,121	1.30	1,835	237	0.27	2,266	931	1.08	2,289	2.65
Maryland	105,480	4,747	1.43	8,066	1,041	0.31	11,238	4,619	1.39	10,406	3.14
Massachusetts	144,225	6,490	1.39	15,385	1,985	0.42	14,070	5,783	1.23	14,258	3.04
Michigan	217,830	9,802	1.37	14,151	1,825	0.25	17,998	7,397	1.03	19,025	2.65
Minnesota	96,277	4,332	1.35	5,900	761	0.24	9,053	3,721	1.16	8,814	2.75
Mississippi	46,494	2,092	1.15	1,387	179	0.10	3,723	1,530	0.84	3,801	2.09
Missouri	118,213	5,320	1.37	5,954	768	0.20	8,160	3,354	0.86	9,441	2.43
Montana	24,948	1,123	1.83	1,957	252	0.41	1,565	643	1.05	2,018	3.29
Nebraska	41,572	1,871	1.50	1,735	224	0.18	2,668	1,097	0.88	3,191	2.57
Nevada	27,918	1,256	2.28	3,741	483	0.88	4,389	1,804	3.28	3,543	6.44
New Hampshire	30,813	1,387	1.98	3,363	434	0.62	4,452	1,830	2.61	3,650	5.20
New Jersey	154,758	6,964	1.18	19,586	2,527	0.43	15,712	6,458	1.10	15,948	2.71
New Mexico	35,595	1,602	1.71	2,211	285	0.30	2,312	950	1.01	2,837	3.02
New York	381,029	17,146	1.21	48,171	6,214	0.44	40,328	16,575	1.17	39,935	2.82
North Carolina	105,632	4,753	1.08	7,346	948	0.22	9,425	3,874	0.88	9,575	2.18
North Dakota	16,625	748	1.45	641	83	0.16	1,376	566	1.10	1,396	2.71
Ohio	254,283	11,443	1.36	12,807	1,652	0.20	14,513	5,965	0.71	19,060	2.26
Oklahoma	53,305	2,399	1.05	2,290	295	0.13	4,451	1,829	0.80	4,523	1.98
Oregon	61,702	2,777	1.39	7,368	950	0.47	4,662	1,916	0.96	5,643	2.82
Pennsylvania	298,147	13,417	1.42	16,125	2,080	0.22	16,816	6,911	0.73	22,408	2.37
Rhode Island	24,344	1,095	1.46	2,909	375	0.50	2,028	834	1.11	2,304	3.07
South Carolina	62,493	2,812	1.25	3,019	389	0.17	6,490	2,667	1.18	5,869	2.60
South Dakota	14,673	660	1.23	722	93	0.17	1,359	559	1.04	1,312	2.44
Tennessee	87,646	3,944	1.14	3,046	393	0.11	6,132	2,520	0.73	6,857	1.98
Texas	401,739	18,078	1.76	11,545	1,489	0.14	21,826	8,970	0.87	28,538	2.77
Utah	20,804	936	0.97	1,170	151	0.16	1,449	596	0.62	1,683	1.75
Vermont	13,502	608	1.57	1,402	181	0.47	1,414	581	1.50	1,370	3.54
Virginia	113,745	5,119	1.23	8,016	1,034	0.25	9,275	3,812	0.92	9,965	2.40
Washington	97,714	4,397	1.41	11,547	1,490	0.48	8,323	3,421	1.10	9,307	2.99
West Virginia	31,594	1,422	0.97	1,062	137	0.09	2,764	1,136	0.77	2,695	1.83
Wisconsin	156,766	7,054	1.88	8,091	1,044	0.28	10,633	4,370	1.17	12,468	3.33
Wyoming	14,246	641	1.86	598	77	0.22	1,093	449	1.30	1,167	3.38
Northeast Region	1,134,988	51,074	1.30	116,535	15,033	0.38	104,442	42,926	1.09	109,033	2.77
Midwest Region	1,436,388	64,637	1.41	80,998	10,449	0.23	106,400	43,730	0.95	118,817	2.58
South Region	1,638,018	73,711	1.32	89,147	11,500	0.21	140,424	57,714	1.03	142,925	2.55
West Region	1,072,672	48,270	1.49	144,853	18,686	0.58	97,365	40,017	1.24	106,973	3.31
United States	5,282,066	237,693	1.37	431,533	55,668	0.32	448,631	184,387	1.06	477,748	2.75

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1980

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	64,209	2,889	0.96	3,816	492	0.16	5,475	2,250	0.74	5,632	1.86
Alaska	10,350	466	1.55	1,172	151	0.50	1,240	510	1.70	1,127	3.76
Arizona	79,660	3,585	1.69	5,920	764	0.36	5,054	2,077	0.98	6,426	3.03
Arkansas	39,804	1,791	1.00	1,695	219	0.12	2,976	1,223	0.69	3,233	1.81
California	595,582	26,801	1.42	104,479	13,478	0.71	57,297	23,549	1.25	63,828	3.38
Colorado	79,434	3,575	1.57	8,257	1,065	0.47	7,287	2,995	1.31	7,635	3.35
Connecticut	59,251	2,666	1.06	8,379	1,081	0.43	7,386	3,036	1.21	6,783	2.70
Delaware	15,201	684	1.45	1,077	139	0.29	1,584	651	1.38	1,474	3.12
District of Columbia	17,663	795	1.49	4,102	529	0.99	3,821	1,570	2.94	2,894	5.42
Florida	252,740	11,373	1.42	23,093	2,979	0.37	27,794	11,423	1.43	25,776	3.22
Georgia	100,122	4,505	1.07	6,283	811	0.19	11,211	4,608	1.09	9,924	2.35
Hawaii	27,621	1,243	1.65	2,685	346	0.46	2,215	910	1.21	2,500	3.31
Idaho	23,978	1,079	1.53	1,633	211	0.30	1,323	544	0.77	1,833	2.60
Illinois	285,405	12,843	1.43	23,315	3,008	0.33	27,079	11,129	1.24	26,980	3.00
Indiana	120,107	5,405	1.26	5,744	741	0.17	8,019	3,296	0.77	9,442	2.21
Iowa	71,835	3,233	1.41	2,342	302	0.13	3,981	1,636	0.71	5,171	2.25
Kansas	51,062	2,298	1.23	1,645	212	0.11	2,808	1,154	0.62	3,664	1.96
Kentucky	68,336	3,075	1.08	2,204	284	0.10	5,097	2,095	0.74	5,454	1.91
Louisiana	100,112	4,505	1.41	6,622	854	0.27	8,091	3,325	1.04	8,685	2.71
Maine	26,048	1,172	1.32	1,960	253	0.29	2,297	944	1.06	2,369	2.67
Maryland	106,088	4,774	1.42	8,538	1,101	0.33	11,087	4,557	1.35	10,432	3.09
Massachusetts	151,983	6,839	1.47	16,378	2,113	0.45	14,373	5,907	1.27	14,859	3.19
Michigan	215,111	9,680	1.34	15,778	2,035	0.28	17,982	7,391	1.03	19,106	2.65
Minnesota	99,517	4,478	1.40	6,389	824	0.26	9,371	3,851	1.20	9,154	2.85
Mississippi	47,882	2,155	1.13	1,538	198	0.10	3,976	1,634	0.86	3,987	2.09
Missouri	121,027	5,446	1.39	6,166	795	0.20	7,988	3,283	0.84	9,525	2.44
Montana	24,787	1,115	1.82	1,673	216	0.35	1,545	635	1.04	1,966	3.21
Nebraska	42,764	1,924	1.56	1,813	234	0.19	2,659	1,093	0.89	3,251	2.64
Nevada	29,672	1,335	2.09	3,927	507	0.79	4,571	1,879	2.94	3,721	5.82
New Hampshire	31,387	1,412	2.21	3,431	443	0.69	4,439	1,824	2.86	3,679	5.76
New Jersey	161,110	7,250	1.23	21,644	2,792	0.47	16,272	6,688	1.13	16,730	2.83
New Mexico	36,419	1,639	1.66	2,467	318	0.32	2,404	988	1.00	2,945	2.99
New York	400,491	18,022	1.28	50,480	6,512	0.46	40,399	16,604	1.18	41,138	2.91
North Carolina	114,099	5,134	1.11	7,312	943	0.20	9,677	3,977	0.86	10,055	2.17
North Dakota	17,229	775	1.53	668	86	0.17	1,404	577	1.14	1,439	2.83
Ohio	262,800	11,826	1.39	14,147	1,825	0.22	14,835	6,097	0.72	19,748	2.33
Oklahoma	56,998	2,565	1.08	2,925	377	0.16	4,122	1,694	0.71	4,636	1.95
Oregon	63,374	2,852	1.37	8,170	1,054	0.51	4,787	1,967	0.94	5,873	2.82
Pennsylvania	308,461	13,881	1.45	16,700	2,154	0.22	16,647	6,842	0.71	22,877	2.39
Rhode Island	25,077	1,128	1.46	3,194	412	0.53	2,133	877	1.14	2,417	3.14
South Carolina	65,664	2,955	1.22	3,358	433	0.18	6,245	2,567	1.06	5,955	2.46
South Dakota	15,507	698	1.30	763	98	0.18	1,401	576	1.07	1,372	2.56
Tennessee	88,757	3,994	1.10	3,379	436	0.12	6,115	2,513	0.69	6,943	1.92
Texas	430,180	19,358	1.77	18,785	2,423	0.22	21,479	8,828	0.81	30,609	2.80
Utah	21,882	985	0.96	1,147	148	0.14	1,502	617	0.60	1,750	1.71
Vermont	12,864	579	1.43	1,506	194	0.48	1,364	561	1.39	1,334	3.30
Virginia	116,676	5,250	1.23	8,346	1,077	0.25	9,374	3,853	0.91	10,180	2.39
Washington	110,426	4,969	1.52	13,072	1,686	0.52	8,615	3,541	1.08	10,196	3.12
West Virginia	34,077	1,533	1.00	1,097	142	0.09	2,667	1,096	0.72	2,771	1.82
Wisconsin	161,235	7,256	1.96	8,833	1,139	0.31	10,782	4,431	1.20	12,826	3.46
Wyoming	14,712	662	1.85	674	87	0.24	1,150	473	1.32	1,222	3.42
Northeast Region	1,176,672	52,950	1.34	123,672	15,954	0.40	105,310	43,282	1.10	112,186	2.84
Midwest Region	1,463,599	65,862	1.42	87,603	11,301	0.24	108,309	44,515	0.96	121,678	2.63
South Region	1,718,608	77,337	1.31	104,170	13,438	0.23	140,791	57,865	0.98	148,640	2.51
West Region	1,117,897	50,305	1.48	155,276	20,031	0.59	98,990	40,685	1.20	111,021	3.26
United States	5,476,776	246,455	1.38	470,721	60,723	0.34	453,400	186,347	1.04	493,525	2.76

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1981

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	67,605	3,042	1.00	4,396	567	0.19	5,453	2,241	0.73	5,850	1.92
Alaska	11,698	526	1.71	1,348	174	0.57	1,362	560	1.82	1,260	4.10
Arizona	86,283	3,883	1.78	7,127	919	0.42	5,380	2,211	1.01	7,013	3.22
Arkansas	42,253	1,901	1.06	1,690	218	0.12	2,982	1,226	0.68	3,345	1.87
California	614,848	27,668	1.43	107,978	13,929	0.72	56,838	23,360	1.21	64,958	3.36
Colorado	84,718	3,812	1.63	8,019	1,034	0.44	7,182	2,952	1.26	7,799	3.33
Connecticut	59,398	2,673	1.05	8,698	1,122	0.44	7,343	3,018	1.18	6,813	2.67
Delaware	16,061	723	1.51	1,201	155	0.32	1,621	666	1.39	1,544	3.23
District of Columbia	17,608	792	1.50	4,355	562	1.06	3,757	1,544	2.92	2,898	5.49
Florida	288,515	12,983	1.55	25,154	3,245	0.39	28,085	11,543	1.38	27,771	3.31
Georgia	106,212	4,780	1.10	6,060	782	0.18	11,524	4,736	1.09	10,298	2.38
Hawaii	29,633	1,333	1.74	2,628	339	0.44	2,165	890	1.16	2,562	3.34
Idaho	24,454	1,100	1.54	1,807	233	0.33	1,438	591	0.83	1,925	2.70
Illinois	288,416	12,979	1.43	24,828	3,203	0.35	24,623	10,120	1.12	26,302	2.91
Indiana	122,389	5,508	1.29	6,018	776	0.18	8,093	3,326	0.78	9,610	2.25
Iowa	73,365	3,301	1.44	2,388	308	0.13	3,864	1,588	0.69	5,198	2.27
Kansas	51,683	2,326	1.23	1,814	234	0.12	3,195	1,313	0.70	3,873	2.05
Kentucky	71,854	3,233	1.13	2,327	300	0.11	5,250	2,158	0.75	5,691	1.99
Louisiana	108,029	4,861	1.48	6,980	900	0.27	8,141	3,346	1.02	9,108	2.77
Maine	24,790	1,116	1.24	1,957	252	0.28	2,290	941	1.05	2,309	2.57
Maryland	105,882	4,765	1.39	9,139	1,179	0.34	11,073	4,551	1.33	10,495	3.06
Massachusetts	151,300	6,808	1.44	17,904	2,310	0.49	14,236	5,851	1.24	14,969	3.17
Michigan	213,930	9,627	1.34	16,326	2,106	0.29	17,510	7,197	1.00	18,930	2.63
Minnesota	100,290	4,513	1.39	6,822	880	0.27	9,307	3,825	1.18	9,218	2.83
Mississippi	50,779	2,285	1.19	1,586	205	0.11	3,914	1,609	0.84	4,098	2.14
Missouri	122,554	5,515	1.40	6,546	844	0.21	7,966	3,274	0.83	9,633	2.45
Montana	26,033	1,171	1.90	1,574	203	0.33	1,576	648	1.05	2,022	3.28
Nebraska	43,192	1,944	1.57	1,958	253	0.20	2,659	1,093	0.88	3,289	2.66
Nevada	31,344	1,410	2.08	4,189	540	0.80	4,462	1,834	2.71	3,785	5.59
New Hampshire	31,301	1,409	1.89	3,413	440	0.59	4,419	1,816	2.44	3,665	4.92
New Jersey	161,645	7,274	1.22	23,484	3,029	0.51	16,751	6,885	1.15	17,188	2.87
New Mexico	38,916	1,751	1.74	2,512	324	0.32	2,332	958	0.95	3,034	3.01
New York	395,584	17,801	1.25	50,843	6,559	0.46	38,700	15,906	1.12	40,266	2.83
North Carolina	115,335	5,190	1.10	7,619	983	0.21	9,889	4,064	0.86	10,237	2.17
North Dakota	17,421	784	1.53	709	91	0.18	1,426	586	1.14	1,461	2.85
Ohio	254,784	11,465	1.35	14,434	1,862	0.22	14,041	5,771	0.68	19,098	2.25
Oklahoma	61,829	2,782	1.14	2,945	380	0.16	4,941	2,031	0.83	5,193	2.13
Oregon	64,226	2,890	1.38	8,187	1,056	0.50	4,706	1,934	0.92	5,880	2.80
Pennsylvania	304,065	13,683	1.42	17,399	2,244	0.23	16,840	6,921	0.72	22,849	2.37
Rhode Island	23,529	1,059	1.36	3,174	409	0.52	1,970	810	1.04	2,278	2.92
South Carolina	68,394	3,078	1.25	3,661	472	0.19	6,287	2,584	1.05	6,134	2.49
South Dakota	15,568	701	1.32	790	102	0.19	1,358	558	1.05	1,361	2.56
Tennessee	92,479	4,162	1.14	3,658	472	0.13	6,355	2,612	0.72	7,245	1.98
Texas	464,031	20,881	1.84	21,444	2,766	0.24	23,563	9,684	0.85	33,332	2.93
Utah	23,737	1,068	1.01	1,186	153	0.15	1,499	616	0.58	1,837	1.74
Vermont	13,518	608	1.49	1,578	204	0.50	1,327	545	1.33	1,357	3.32
Virginia	119,133	5,361	1.23	8,994	1,160	0.27	9,446	3,882	0.89	10,404	2.39
Washington	102,845	4,628	1.38	13,992	1,805	0.54	8,521	3,502	1.05	9,935	2.97
West Virginia	35,956	1,618	1.06	1,630	210	0.14	2,445	1,005	0.66	2,833	1.85
Wisconsin	162,599	7,317	1.95	9,140	1,179	0.31	10,973	4,510	1.20	13,006	3.47
Wyoming	15,730	708	1.91	695	90	0.24	1,147	471	1.27	1,269	3.42
Northeast Region	1,165,130	52,431	1.31	128,450	16,570	0.41	103,876	42,693	1.07	111,694	2.80
Midwest Region	1,466,191	65,979	1.42	91,773	11,839	0.26	105,015	43,161	0.93	120,978	2.61
South Region	1,831,955	82,438	1.36	112,839	14,556	0.24	144,726	59,482	0.98	156,477	2.58
West Region	1,154,465	51,951	1.49	161,242	20,800	0.60	98,608	40,528	1.16	113,279	3.26
United States	5,617,741	252,798	1.39	494,304	63,765	0.35	452,225	185,864	1.02	502,428	2.76

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1982

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	68,171	3,068	1.00	4,184	540	0.18	5,413	2,225	0.72	5,832	1.89
Alaska	12,671	570	1.75	1,419	183	0.56	1,379	567	1.74	1,320	4.05
Arizona	86,249	3,881	1.74	6,851	884	0.40	5,398	2,219	0.99	6,984	3.13
Arkansas	41,077	1,848	1.03	1,730	223	0.12	2,738	1,125	0.63	3,197	1.78
California	601,987	27,089	1.37	109,873	14,174	0.72	54,712	22,487	1.14	63,750	3.23
Colorado	87,579	3,941	1.64	8,658	1,117	0.46	6,906	2,838	1.18	7,896	3.28
Connecticut	59,484	2,677	1.04	9,834	1,269	0.49	7,569	3,111	1.20	7,056	2.73
Delaware	16,431	739	1.53	1,262	163	0.34	1,604	659	1.36	1,561	3.23
District of Columbia	17,341	780	1.48	4,108	530	1.00	3,740	1,537	2.91	2,847	5.39
Florida	296,869	13,359	1.56	26,558	3,426	0.40	27,855	11,448	1.33	28,233	3.29
Georgia	109,537	4,929	1.12	7,169	925	0.21	11,098	4,561	1.04	10,415	2.37
Hawaii	31,149	1,402	1.80	2,879	371	0.48	2,155	886	1.14	2,659	3.42
Idaho	23,390	1,053	1.47	1,704	220	0.31	1,420	584	0.81	1,856	2.58
Illinois	284,165	12,787	1.41	24,658	3,181	0.35	23,404	9,619	1.06	25,587	2.83
Indiana	123,163	5,542	1.29	6,149	793	0.18	7,898	3,246	0.76	9,582	2.23
Iowa	71,060	3,198	1.39	2,304	297	0.13	3,632	1,493	0.65	4,988	2.17
Kansas	51,597	2,322	1.22	1,917	247	0.13	3,109	1,278	0.67	3,847	2.02
Kentucky	72,970	3,284	1.14	2,753	355	0.12	5,069	2,083	0.73	5,722	1.99
Louisiana	110,041	4,952	1.49	7,637	985	0.30	8,067	3,316	1.00	9,253	2.78
Maine	26,110	1,175	1.30	2,120	273	0.30	2,240	921	1.02	2,369	2.63
Maryland	97,624	4,393	1.27	8,650	1,116	0.32	9,785	4,022	1.17	9,531	2.77
Massachusetts	142,754	6,424	1.35	18,210	2,349	0.49	14,121	5,804	1.22	14,577	3.07
Michigan	214,705	9,662	1.35	21,377	2,758	0.39	17,148	7,048	0.98	19,467	2.72
Minnesota	98,896	4,450	1.36	6,912	892	0.27	8,797	3,616	1.11	8,958	2.75
Mississippi	50,987	2,294	1.19	1,649	213	0.11	3,843	1,579	0.82	4,087	2.11
Missouri	120,724	5,433	1.38	6,533	843	0.21	7,541	3,099	0.79	9,375	2.38
Montana	25,200	1,134	1.82	1,560	201	0.32	1,546	635	1.02	1,971	3.17
Nebraska	41,536	1,869	1.50	2,703	349	0.28	1,763	725	0.58	2,942	2.37
Nevada	31,230	1,405	1.99	4,198	542	0.77	4,288	1,762	2.50	3,709	5.25
New Hampshire	32,001	1,440	1.89	3,434	443	0.58	4,328	1,779	2.34	3,662	4.81
New Jersey	163,071	7,338	1.22	24,394	3,147	0.52	16,643	6,840	1.13	17,325	2.87
New Mexico	39,550	1,780	1.72	2,713	350	0.34	2,353	967	0.94	3,097	3.00
New York	400,138	18,006	1.26	53,131	6,854	0.48	38,460	15,807	1.10	40,667	2.84
North Carolina	114,183	5,138	1.07	7,924	1,022	0.21	9,875	4,059	0.85	10,219	2.13
North Dakota	17,554	790	1.52	714	92	0.18	1,383	568	1.09	1,450	2.79
Ohio	265,012	11,926	1.40	14,641	1,889	0.22	13,627	5,601	0.66	19,415	2.28
Oklahoma	64,679	2,911	1.17	3,172	409	0.16	5,041	2,072	0.83	5,392	2.17
Oregon	62,041	2,792	1.33	8,556	1,104	0.53	4,492	1,846	0.88	5,742	2.74
Pennsylvania	308,097	13,864	1.44	17,146	2,212	0.23	16,356	6,722	0.70	22,799	2.36
Rhode Island	23,371	1,052	1.34	3,364	434	0.55	1,988	817	1.04	2,303	2.93
South Carolina	68,711	3,092	1.24	3,931	507	0.20	6,057	2,489	1.00	6,089	2.44
South Dakota	15,335	690	1.29	743	96	0.18	1,267	521	0.98	1,307	2.45
Tennessee	92,421	4,159	1.13	3,950	510	0.14	6,274	2,579	0.70	7,247	1.96
Texas	478,758	21,544	1.83	16,168	2,086	0.18	23,987	9,859	0.84	33,488	2.85
Utah	24,187	1,088	1.01	1,231	159	0.15	1,434	589	0.55	1,837	1.71
Vermont	13,552	610	1.49	1,605	207	0.50	1,243	511	1.25	1,328	3.24
Virginia	142,535	6,414	1.45	9,179	1,184	0.27	9,246	3,800	0.86	11,398	2.59
Washington	99,530	4,479	1.33	13,697	1,767	0.53	8,120	3,337	0.99	9,583	2.85
West Virginia	37,789	1,701	1.11	1,672	216	0.14	2,049	842	0.55	2,758	1.80
Wisconsin	161,932	7,287	1.93	8,784	1,133	0.30	9,545	3,923	1.04	12,343	3.27
Wyoming	15,054	677	1.80	699	90	0.24	1,113	457	1.21	1,225	3.25
Northeast Region	1,168,578	52,586	1.31	133,238	17,188	0.43	102,948	42,312	1.05	112,085	2.79
Midwest Region	1,465,679	65,956	1.42	97,435	12,569	0.27	99,114	40,736	0.88	119,261	2.56
South Region	1,880,124	84,606	1.37	111,696	14,409	0.23	141,741	58,256	0.95	157,270	2.55
West Region	1,139,817	51,292	1.45	164,038	21,161	0.60	95,316	39,175	1.11	111,628	3.15
United States	5,654,198	254,439	1.38	506,407	65,327	0.36	439,119	180,478	0.98	500,243	2.72

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1983

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	69,597	3,132	1.01	4,067	525	0.17	5,400	2,219	0.71	5,876	1.89
Alaska	13,906	626	1.76	1,673	216	0.61	1,470	604	1.70	1,446	4.06
Arizona	83,067	3,738	1.62	7,842	1,012	0.44	5,640	2,318	1.00	7,068	3.06
Arkansas	41,704	1,877	1.03	1,794	231	0.13	2,800	1,151	0.63	3,259	1.78
California	612,224	27,550	1.37	116,592	15,040	0.75	54,304	22,319	1.11	64,909	3.23
Colorado	86,398	3,888	1.57	8,750	1,129	0.46	6,767	2,781	1.12	7,798	3.15
Connecticut	63,297	2,848	1.10	9,826	1,268	0.49	7,719	3,173	1.23	7,288	2.82
Delaware	16,665	750	1.53	1,328	171	0.35	1,594	655	1.34	1,576	3.22
District of Columbia	17,937	807	1.55	4,344	560	1.08	3,533	1,452	2.79	2,820	5.41
Florida	306,191	13,779	1.56	27,077	3,493	0.40	26,478	10,882	1.23	28,154	3.19
Georgia	113,960	5,128	1.14	7,626	984	0.22	11,523	4,736	1.05	10,848	2.42
Hawaii	33,313	1,499	1.87	2,727	352	0.44	2,180	896	1.12	2,747	3.43
Idaho	23,572	1,061	1.44	1,713	221	0.30	1,368	562	0.76	1,844	2.51
Illinois	287,532	12,939	1.42	24,545	3,166	0.35	22,703	9,331	1.03	25,436	2.80
Indiana	121,986	5,489	1.27	6,234	804	0.19	7,616	3,130	0.73	9,424	2.19
Iowa	70,748	3,184	1.38	2,230	288	0.13	3,590	1,475	0.64	4,947	2.15
Kansas	50,943	2,292	1.20	1,898	245	0.13	2,982	1,226	0.64	3,763	1.96
Kentucky	73,099	3,289	1.13	2,757	356	0.12	4,919	2,022	0.69	5,667	1.94
Louisiana	107,497	4,837	1.43	7,991	1,031	0.30	8,394	3,450	1.02	9,318	2.75
Maine	26,786	1,205	1.32	2,044	264	0.29	2,284	939	1.03	2,408	2.63
Maryland	104,020	4,681	1.34	9,368	1,208	0.35	10,238	4,208	1.20	10,097	2.89
Massachusetts	144,181	6,488	1.36	18,260	2,356	0.50	13,964	5,739	1.21	14,583	3.07
Michigan	214,925	9,672	1.35	15,417	1,989	0.28	16,882	6,939	0.97	18,599	2.60
Minnesota	99,992	4,500	1.37	6,825	880	0.27	8,744	3,594	1.10	8,974	2.74
Mississippi	51,882	2,335	1.19	1,636	211	0.11	3,800	1,562	0.79	4,108	2.09
Missouri	120,419	5,419	1.37	6,846	883	0.22	7,496	3,081	0.78	9,383	2.37
Montana	25,231	1,135	1.79	1,555	201	0.32	1,520	625	0.99	1,961	3.09
Nebraska	41,589	1,872	1.49	2,027	261	0.21	2,409	990	0.79	3,123	2.49
Nevada	31,494	1,417	1.98	4,385	566	0.79	4,263	1,752	2.45	3,735	5.22
New Hampshire	37,088	1,669	2.17	3,365	434	0.56	4,405	1,810	2.35	3,914	5.08
New Jersey	163,219	7,345	1.21	24,491	3,159	0.52	16,747	6,883	1.13	17,387	2.86
New Mexico	40,482	1,822	1.72	2,569	331	0.31	2,523	1,037	0.98	3,190	3.00
New York	394,026	17,731	1.23	54,069	6,975	0.49	36,866	15,152	1.05	39,858	2.77
North Carolina	119,478	5,377	1.10	8,186	1,056	0.22	9,489	3,900	0.80	10,332	2.12
North Dakota	17,379	782	1.48	707	91	0.17	1,347	554	1.05	1,427	2.71
Ohio	256,889	11,560	1.36	14,281	1,842	0.22	13,433	5,521	0.65	18,923	2.22
Oklahoma	59,914	2,696	1.05	3,169	409	0.16	4,831	1,986	0.77	5,090	1.98
Oregon	61,457	2,766	1.31	8,620	1,112	0.53	4,372	1,797	0.85	5,674	2.69
Pennsylvania	303,042	13,637	1.41	16,522	2,131	0.22	15,740	6,469	0.67	22,237	2.29
Rhode Island	25,800	1,161	1.48	3,069	396	0.50	2,036	837	1.06	2,394	3.04
South Carolina	71,285	3,208	1.26	3,984	514	0.20	6,275	2,579	1.01	6,301	2.47
South Dakota	15,642	704	1.30	717	92	0.17	1,252	515	0.95	1,311	2.43
Tennessee	91,262	4,107	1.10	4,069	525	0.14	6,286	2,584	0.69	7,215	1.93
Texas	463,463	20,856	1.73	25,557	3,297	0.27	23,342	9,594	0.79	33,746	2.79
Utah	21,783	980	0.88	1,192	154	0.14	1,358	558	0.50	1,692	1.52
Vermont	14,193	639	1.52	1,615	208	0.50	1,215	499	1.19	1,346	3.21
Virginia	146,351	6,586	1.47	9,310	1,201	0.27	8,974	3,688	0.82	11,475	2.57
Washington	97,601	4,392	1.29	14,210	1,833	0.54	7,784	3,199	0.94	9,424	2.76
West Virginia	38,953	1,753	1.13	1,535	198	0.13	1,820	748	0.48	2,699	1.74
Wisconsin	161,669	7,275	1.93	9,744	1,257	0.33	9,801	4,028	1.07	12,560	3.33
Wyoming	14,205	639	1.66	659	85	0.22	1,025	421	1.09	1,146	2.98
Northeast Region	1,171,632	52,723	1.31	133,261	17,191	0.43	100,976	41,501	1.03	111,415	2.76
Midwest Region	1,459,713	65,687	1.41	91,471	11,800	0.25	98,255	40,383	0.87	117,870	2.53
South Region	1,893,258	85,197	1.36	123,798	15,970	0.25	139,696	57,415	0.91	158,582	2.52
West Region	1,144,733	51,513	1.42	172,485	22,251	0.61	94,574	38,870	1.07	112,633	3.11
United States	5,669,336	255,120	1.37	521,017	67,211	0.36	433,501	178,169	0.96	500,500	2.69

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1984

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	71,379	3,212	1.02	4,560	588	0.19	5,270	2,166	0.69	5,966	1.90
Alaska	14,187	638	1.73	1,652	213	0.58	1,397	574	1.56	1,426	3.86
Arizona	83,200	3,744	1.57	8,300	1,071	0.45	6,178	2,539	1.06	7,354	3.08
Arkansas	42,064	1,893	1.02	1,700	219	0.12	2,871	1,180	0.64	3,292	1.78
California	627,963	28,258	1.38	116,927	15,084	0.74	53,306	21,909	1.07	65,251	3.19
Colorado	84,373	3,797	1.51	8,995	1,160	0.46	6,842	2,812	1.12	7,769	3.09
Connecticut	63,963	2,878	1.10	10,056	1,297	0.50	7,617	3,130	1.20	7,306	2.80
Delaware	16,607	747	1.51	1,473	190	0.38	1,543	634	1.28	1,571	3.17
District of Columbia	18,028	811	1.56	4,464	576	1.11	3,394	1,395	2.68	2,782	5.34
Florida	297,605	13,392	1.48	28,234	3,642	0.40	27,436	11,276	1.24	28,311	3.12
Georgia	120,655	5,429	1.18	8,363	1,079	0.23	11,871	4,879	1.06	11,387	2.48
Hawaii	29,803	1,341	1.65	2,593	334	0.41	1,803	741	0.91	2,417	2.97
Idaho	23,155	1,042	1.40	1,800	232	0.31	1,301	535	0.72	1,809	2.43
Illinois	283,548	12,760	1.40	25,923	3,344	0.37	22,373	9,195	1.01	25,299	2.77
Indiana	121,163	5,452	1.26	6,991	902	0.21	7,654	3,146	0.73	9,500	2.19
Iowa	69,960	3,148	1.36	2,131	275	0.12	3,401	1,398	0.61	4,821	2.09
Kansas	50,571	2,276	1.18	2,101	271	0.14	2,958	1,216	0.63	3,763	1.95
Kentucky	68,633	3,088	1.05	2,832	365	0.12	4,827	1,984	0.68	5,438	1.85
Louisiana	106,300	4,784	1.40	7,668	989	0.29	7,786	3,200	0.94	8,973	2.63
Maine	25,656	1,155	1.25	2,204	284	0.31	2,282	938	1.01	2,377	2.57
Maryland	102,856	4,629	1.31	10,013	1,292	0.36	10,099	4,151	1.17	10,071	2.84
Massachusetts	138,070	6,213	1.30	18,848	2,431	0.51	14,446	5,937	1.24	14,582	3.04
Michigan	210,473	9,471	1.32	17,236	2,223	0.31	16,994	6,985	0.97	18,679	2.60
Minnesota	98,036	4,412	1.34	7,038	908	0.28	8,582	3,527	1.07	8,847	2.68
Mississippi	52,251	2,351	1.19	1,623	209	0.11	3,698	1,520	0.77	4,080	2.06
Missouri	118,942	5,352	1.34	7,841	1,011	0.25	6,611	2,717	0.68	9,081	2.27
Montana	24,222	1,090	1.70	1,579	204	0.32	1,441	592	0.93	1,886	2.95
Nebraska	40,406	1,818	1.44	1,997	258	0.20	2,334	959	0.76	3,035	2.41
Nevada	32,614	1,468	2.01	4,629	597	0.82	4,200	1,726	2.36	3,791	5.19
New Hampshire	34,822	1,567	1.99	3,623	467	0.59	4,472	1,838	2.33	3,872	4.91
New Jersey	161,942	7,287	1.19	25,946	3,347	0.55	16,414	6,746	1.10	17,381	2.83
New Mexico	41,229	1,855	1.71	2,357	304	0.28	2,004	823	0.76	2,983	2.75
New York	368,111	16,565	1.15	55,266	7,129	0.49	36,325	14,930	1.03	38,624	2.67
North Carolina	121,873	5,484	1.11	9,351	1,206	0.24	9,460	3,888	0.78	10,579	2.13
North Dakota	16,570	746	1.40	683	88	0.17	1,268	521	0.98	1,355	2.55
Ohio	267,528	12,039	1.41	16,482	2,126	0.25	12,621	5,187	0.61	19,352	2.26
Oklahoma	57,511	2,588	1.01	3,290	424	0.16	4,639	1,907	0.74	4,919	1.91
Oregon	60,361	2,716	1.28	8,697	1,122	0.53	4,237	1,741	0.82	5,580	2.63
Pennsylvania	296,774	13,355	1.37	15,945	2,057	0.21	15,656	6,435	0.66	21,846	2.25
Rhode Island	24,155	1,087	1.37	3,214	415	0.52	1,986	816	1.03	2,318	2.92
South Carolina	72,591	3,267	1.26	4,784	617	0.24	6,313	2,594	1.00	6,478	2.50
South Dakota	15,343	690	1.27	699	90	0.17	1,182	486	0.89	1,266	2.33
Tennessee	92,719	4,172	1.11	4,423	571	0.15	6,385	2,624	0.70	7,367	1.95
Texas	475,603	21,402	1.74	26,964	3,478	0.28	23,729	9,753	0.79	34,633	2.82
Utah	22,149	997	0.88	1,218	157	0.14	1,423	585	0.52	1,739	1.53
Vermont	13,943	627	1.48	1,612	208	0.49	1,189	489	1.15	1,324	3.12
Virginia	148,151	6,667	1.46	10,199	1,316	0.29	8,914	3,664	0.80	11,646	2.55
Washington	94,794	4,266	1.24	15,183	1,959	0.57	7,619	3,131	0.91	9,356	2.71
West Virginia	38,369	1,727	1.12	1,465	189	0.12	1,658	682	0.44	2,597	1.68
Wisconsin	156,884	7,060	1.86	8,935	1,153	0.30	9,460	3,888	1.03	12,101	3.19
Wyoming	13,443	605	1.58	661	85	0.22	974	400	1.05	1,091	2.86
Northeast Region	1,127,435	50,735	1.25	136,714	17,636	0.43	100,386	41,259	1.01	109,629	2.70
Midwest Region	1,449,425	65,224	1.39	98,055	12,649	0.27	95,438	39,225	0.84	117,098	2.50
South Region	1,903,195	85,644	1.34	131,405	16,951	0.27	139,892	57,496	0.90	160,091	2.51
West Region	1,151,494	51,817	1.41	174,591	22,522	0.61	92,725	38,110	1.04	112,449	3.05
United States	5,631,550	253,420	1.35	540,766	69,759	0.37	428,442	176,089	0.94	499,268	2.65

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1985

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	74,669	3,360	1.06	4,241	547	0.17	5,161	2,121	0.67	6,028	1.90
Alaska	14,316	644	1.68	1,719	222	0.58	1,426	586	1.53	1,452	3.78
Arizona	92,902	4,181	1.67	8,836	1,140	0.46	6,071	2,495	1.00	7,816	3.12
Arkansas	42,775	1,925	1.03	1,902	245	0.13	2,635	1,083	0.58	3,253	1.75
California	618,879	27,850	1.32	127,454	16,442	0.78	52,198	21,453	1.02	65,745	3.12
Colorado	83,760	3,769	1.47	9,931	1,281	0.50	7,330	3,013	1.18	8,063	3.15
Connecticut	66,089	2,974	1.14	10,219	1,318	0.50	7,634	3,138	1.20	7,430	2.84
Delaware	16,324	735	1.46	1,591	205	0.41	1,585	652	1.30	1,591	3.16
District of Columbia	17,295	778	1.49	4,184	540	1.03	3,087	1,269	2.42	2,587	4.94
Florida	309,001	13,905	1.47	29,720	3,834	0.41	26,710	10,978	1.16	28,717	3.04
Georgia	122,507	5,513	1.17	9,276	1,197	0.25	11,602	4,768	1.01	11,478	2.43
Hawaii	29,195	1,314	1.59	2,638	340	0.41	1,762	724	0.88	2,378	2.88
Idaho	22,479	1,012	1.35	2,091	270	0.36	1,287	529	0.71	1,810	2.42
Illinois	280,361	12,616	1.38	26,351	3,399	0.37	21,759	8,943	0.98	24,958	2.72
Indiana	120,742	5,433	1.25	7,399	954	0.22	7,645	3,142	0.72	9,530	2.19
Iowa	66,596	2,997	1.31	2,516	325	0.14	3,192	1,312	0.57	4,633	2.02
Kansas	50,287	2,263	1.17	2,291	295	0.15	2,982	1,225	0.64	3,784	1.96
Kentucky	70,041	3,152	1.07	3,077	397	0.13	4,723	1,941	0.66	5,490	1.86
Louisiana	103,059	4,638	1.35	7,240	934	0.27	7,188	2,954	0.86	8,526	2.49
Maine	26,786	1,205	1.29	2,399	310	0.33	2,135	877	0.94	2,392	2.56
Maryland	104,036	4,682	1.31	10,073	1,299	0.36	9,926	4,080	1.14	10,061	2.81
Massachusetts	139,030	6,256	1.30	18,922	2,441	0.51	14,150	5,816	1.21	14,513	3.01
Michigan	209,576	9,431	1.30	17,922	2,312	0.32	16,758	6,888	0.95	18,630	2.58
Minnesota	96,422	4,339	1.31	8,088	1,043	0.31	8,561	3,519	1.06	8,901	2.68
Mississippi	53,805	2,421	1.21	1,583	204	0.10	3,557	1,462	0.73	4,087	2.04
Missouri	118,877	5,349	1.33	8,120	1,047	0.26	7,461	3,066	0.76	9,463	2.36
Montana	22,933	1,032	1.60	1,633	211	0.33	1,377	566	0.88	1,809	2.81
Nebraska	39,110	1,760	1.40	2,100	271	0.22	2,298	944	0.75	2,975	2.37
Nevada	33,439	1,505	1.96	5,008	646	0.84	4,070	1,673	2.18	3,824	4.99
New Hampshire	35,661	1,605	1.99	3,307	427	0.53	4,354	1,789	2.21	3,821	4.73
New Jersey	161,540	7,269	1.18	26,510	3,420	0.55	16,224	6,668	1.08	17,357	2.81
New Mexico	41,621	1,873	1.70	3,043	393	0.36	2,065	849	0.77	3,114	2.83
New York	369,214	16,615	1.14	55,483	7,157	0.49	34,515	14,186	0.98	37,958	2.62
North Carolina	123,214	5,545	1.09	10,671	1,377	0.27	9,397	3,862	0.76	10,783	2.13
North Dakota	15,687	706	1.33	773	100	0.19	1,233	507	0.96	1,312	2.48
Ohio	259,933	11,697	1.37	16,855	2,174	0.25	12,206	5,017	0.59	18,888	2.20
Oklahoma	59,596	2,682	1.04	3,031	391	0.15	4,242	1,744	0.68	4,816	1.87
Oregon	59,293	2,668	1.25	9,159	1,181	0.55	4,017	1,651	0.77	5,501	2.57
Pennsylvania	294,804	13,266	1.37	15,449	1,993	0.21	15,250	6,268	0.65	21,527	2.22
Rhode Island	24,880	1,120	1.40	3,161	408	0.51	2,006	825	1.03	2,352	2.94
South Carolina	73,966	3,328	1.26	5,098	658	0.25	6,341	2,606	0.99	6,592	2.49
South Dakota	14,800	666	1.22	744	96	0.18	1,244	511	0.94	1,273	2.34
Tennessee	94,415	4,249	1.11	4,819	622	0.16	6,269	2,577	0.67	7,447	1.94
Texas	470,081	21,154	1.68	29,132	3,758	0.30	22,383	9,200	0.73	34,111	2.70
Utah	22,656	1,020	0.90	1,335	172	0.15	1,467	603	0.53	1,795	1.58
Vermont	14,217	640	1.49	1,837	237	0.55	1,138	468	1.09	1,344	3.13
Virginia	149,715	6,737	1.46	10,646	1,373	0.30	8,880	3,650	0.79	11,760	2.55
Washington	94,676	4,260	1.22	16,097	2,076	0.59	7,419	3,049	0.87	9,386	2.68
West Virginia	38,080	1,714	1.11	1,585	204	0.13	1,570	645	0.42	2,563	1.66
Wisconsin	153,493	6,907	1.82	9,338	1,205	0.32	9,718	3,994	1.05	12,106	3.19
Wyoming	13,221	595	1.56	725	94	0.25	958	394	1.03	1,082	2.84
Northeast Region	1,132,221	50,950	1.25	137,286	17,710	0.43	97,406	40,034	0.98	108,694	2.66
Midwest Region	1,425,883	64,165	1.37	102,494	13,222	0.28	95,057	39,068	0.83	116,455	2.48
South Region	1,922,580	86,516	1.33	137,869	17,785	0.27	135,256	55,590	0.85	159,891	2.46
West Region	1,149,369	51,722	1.37	189,669	24,467	0.65	91,446	37,584	1.00	113,773	3.02
United States	5,630,054	253,352	1.33	567,318	73,184	0.38	419,165	172,277	0.90	498,813	2.62

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1986

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	77,448	3,485	1.09	4,348	561	0.18	4,979	2,046	0.64	6,092	1.90
Alaska	14,711	662	1.68	1,710	221	0.56	1,219	501	1.27	1,384	3.51
Arizona	101,449	4,565	1.77	9,153	1,181	0.46	5,704	2,344	0.91	8,090	3.14
Arkansas	44,257	1,992	1.06	1,342	173	0.09	2,189	900	0.48	3,064	1.63
California	649,059	29,208	1.36	130,573	16,844	0.79	50,068	20,578	0.96	66,629	3.11
Colorado	84,790	3,816	1.47	9,328	1,203	0.46	5,904	2,427	0.94	7,446	2.87
Connecticut	65,933	2,967	1.13	10,448	1,348	0.51	7,366	3,027	1.15	7,342	2.79
Delaware	16,448	740	1.45	1,756	227	0.44	1,534	630	1.23	1,597	3.13
District of Columbia	17,444	785	1.52	4,182	540	1.04	2,762	1,135	2.19	2,459	4.75
Florida	322,199	14,499	1.50	31,139	4,017	0.41	24,812	10,198	1.05	28,714	2.96
Georgia	129,793	5,841	1.22	10,001	1,290	0.27	11,066	4,548	0.95	11,679	2.43
Hawaii	29,782	1,340	1.60	2,838	366	0.44	1,737	714	0.85	2,420	2.88
Idaho	22,526	1,014	1.34	2,234	288	0.38	1,119	460	0.61	1,762	2.33
Illinois	285,335	12,840	1.40	27,536	3,552	0.39	20,063	8,246	0.90	24,638	2.68
Indiana	121,355	5,461	1.25	7,810	1,007	0.23	7,094	2,915	0.67	9,384	2.14
Iowa	66,732	3,003	1.32	3,435	443	0.19	2,933	1,205	0.53	4,651	2.04
Kansas	48,815	2,197	1.12	2,509	324	0.17	2,809	1,154	0.59	3,675	1.88
Kentucky	71,702	3,227	1.09	3,090	399	0.13	4,449	1,829	0.62	5,454	1.84
Louisiana	106,708	4,802	1.39	6,828	881	0.26	6,514	2,677	0.78	8,360	2.42
Maine	26,942	1,212	1.28	2,646	341	0.36	2,094	861	0.91	2,414	2.56
Maryland	103,547	4,660	1.29	10,868	1,402	0.39	9,520	3,913	1.08	9,974	2.75
Massachusetts	140,923	6,342	1.31	19,747	2,547	0.53	13,184	5,419	1.12	14,307	2.96
Michigan	214,912	9,671	1.33	18,836	2,430	0.33	15,987	6,571	0.90	18,672	2.56
Minnesota	97,041	4,367	1.30	8,718	1,125	0.33	7,519	3,090	0.92	8,582	2.66
Mississippi	56,419	2,539	1.26	1,522	196	0.10	3,338	1,372	0.68	4,107	2.04
Missouri	123,056	5,538	1.36	8,703	1,123	0.28	7,129	2,930	0.72	9,590	2.36
Montana	22,417	1,009	1.58	1,676	216	0.34	1,256	516	0.81	1,741	2.73
Nebraska	38,822	1,747	1.38	2,215	286	0.23	2,066	849	0.67	2,882	2.28
Nevada	35,782	1,610	2.07	5,298	683	0.88	3,986	1,638	2.11	3,932	5.05
New Hampshire	35,596	1,602	1.93	3,353	433	0.52	4,164	1,712	2.06	3,746	4.51
New Jersey	163,564	7,360	1.18	27,194	3,508	0.56	15,732	6,466	1.03	17,334	2.77
New Mexico	41,335	1,860	1.64	3,103	400	0.35	1,936	796	0.70	3,056	2.70
New York	362,738	16,323	1.13	56,390	7,274	0.50	32,373	13,305	0.92	36,903	2.55
North Carolina	126,841	5,708	1.12	11,781	1,520	0.30	9,162	3,766	0.74	10,993	2.15
North Dakota	15,509	698	1.32	893	115	0.22	1,105	454	0.86	1,267	2.40
Ohio	251,563	11,320	1.32	16,825	2,170	0.25	12,550	5,158	0.60	18,649	2.17
Oklahoma	60,364	2,716	1.04	3,060	395	0.15	3,857	1,585	0.61	4,696	1.80
Oregon	60,758	2,734	1.26	9,162	1,182	0.54	3,869	1,590	0.73	5,506	2.54
Pennsylvania	299,808	13,491	1.38	15,568	2,008	0.21	15,093	6,203	0.64	21,703	2.23
Rhode Island	25,152	1,132	1.41	3,301	426	0.53	1,820	748	0.93	2,306	2.86
South Carolina	77,302	3,479	1.30	5,599	722	0.27	5,996	2,464	0.92	6,665	2.50
South Dakota	15,011	675	1.22	826	107	0.19	1,092	449	0.81	1,231	2.23
Tennessee	100,384	4,517	1.17	4,770	615	0.16	5,887	2,420	0.63	7,552	1.96
Texas	475,542	21,399	1.67	30,567	3,943	0.31	20,401	8,385	0.65	33,727	2.63
Utah	22,792	1,026	0.89	1,481	191	0.17	1,473	605	0.52	1,822	1.58
Vermont	14,943	672	1.55	1,977	255	0.59	1,099	452	1.04	1,379	3.17
Virginia	159,091	7,159	1.52	9,838	1,269	0.27	8,416	3,459	0.73	11,887	2.53
Washington	97,451	4,385	1.23	16,760	2,162	0.61	7,088	2,913	0.82	9,460	2.65
West Virginia	37,493	1,687	1.10	1,578	204	0.13	1,544	635	0.41	2,525	1.64
Wisconsin	157,933	7,107	1.87	10,020	1,293	0.34	8,820	3,625	0.95	12,024	3.16
Wyoming	12,437	560	1.46	763	98	0.26	864	355	0.92	1,013	2.64
Northeast Region	1,135,599	51,102	1.25	140,624	18,140	0.44	92,925	38,192	0.93	107,435	2.62
Midwest Region	1,436,084	64,624	1.37	108,325	13,974	0.30	89,166	36,647	0.78	115,245	2.44
South Region	1,982,981	89,234	1.35	142,268	18,353	0.28	126,425	51,961	0.79	159,547	2.42
West Region	1,195,287	53,788	1.40	194,078	25,036	0.65	86,221	35,437	0.92	114,261	2.98
United States	5,749,953	258,748	1.34	585,299	75,504	0.39	394,738	162,237	0.84	496,489	2.58

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1987

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	78,730	3,543	1.10	4,571	590	0.18	4,803	1,974	0.61	6,106	1.89
Alaska	14,041	632	1.64	1,605	207	0.54	1,208	497	1.29	1,335	3.46
Arizona	98,739	4,443	1.67	9,557	1,233	0.46	5,546	2,279	0.86	7,956	2.99
Arkansas	45,262	2,037	1.08	1,548	200	0.11	2,420	995	0.53	3,231	1.71
California	662,484	29,812	1.36	125,764	16,224	0.74	49,516	20,351	0.93	66,386	3.03
Colorado	83,022	3,736	1.43	8,941	1,153	0.44	5,875	2,415	0.93	7,304	2.80
Connecticut	67,603	3,042	1.15	10,596	1,367	0.52	7,183	2,952	1.12	7,361	2.79
Delaware	16,691	751	1.44	1,711	221	0.42	1,537	632	1.22	1,604	3.08
District of Columbia	16,926	762	1.48	3,987	514	1.00	2,971	1,221	2.37	2,497	4.85
Florida	332,631	14,968	1.51	32,128	4,144	0.42	24,895	10,232	1.03	29,345	2.95
Georgia	132,740	5,973	1.22	10,166	1,311	0.27	11,971	4,920	1.00	12,205	2.49
Hawaii	29,852	1,343	1.57	2,661	343	0.40	1,587	652	0.76	2,339	2.73
Idaho	21,972	989	1.31	2,219	286	0.38	1,061	436	0.58	1,711	2.26
Illinois	288,792	12,996	1.41	27,637	3,565	0.39	19,489	8,010	0.87	24,571	2.66
Indiana	121,685	5,476	1.24	7,624	983	0.22	7,150	2,939	0.67	9,398	2.13
Iowa	65,507	2,948	1.30	3,699	477	0.21	3,171	1,303	0.57	4,728	2.08
Kansas	48,926	2,202	1.12	2,481	320	0.16	2,671	1,098	0.56	3,620	1.84
Kentucky	67,736	3,048	1.03	3,155	407	0.14	4,297	1,766	0.59	5,221	1.76
Louisiana	103,346	4,651	1.36	6,348	819	0.24	6,218	2,555	0.75	8,025	2.34
Maine	26,872	1,209	1.26	2,783	359	0.38	2,113	868	0.91	2,437	2.55
Maryland	105,649	4,754	1.29	10,791	1,392	0.38	9,534	3,918	1.07	10,065	2.74
Massachusetts	138,965	6,253	1.29	19,189	2,475	0.51	13,255	5,448	1.12	14,177	2.93
Michigan	215,038	9,677	1.32	18,944	2,444	0.33	15,204	6,249	0.85	18,369	2.50
Minnesota	98,593	4,437	1.31	8,256	1,065	0.32	7,689	3,160	0.94	8,662	2.56
Mississippi	56,609	2,547	1.26	1,455	188	0.09	3,217	1,322	0.66	4,057	2.01
Missouri	123,762	5,569	1.36	8,682	1,120	0.27	7,164	2,944	0.72	9,633	2.35
Montana	22,017	991	1.57	1,624	209	0.33	1,178	484	0.77	1,685	2.67
Nebraska	39,155	1,762	1.40	2,162	279	0.22	2,011	826	0.65	2,867	2.27
Nevada	36,850	1,658	2.05	5,292	683	0.84	4,118	1,692	2.09	4,033	4.99
New Hampshire	36,631	1,648	1.93	3,302	426	0.50	4,118	1,692	1.98	3,767	4.41
New Jersey	164,728	7,413	1.18	26,171	3,376	0.54	15,388	6,325	1.01	17,113	2.72
New Mexico	41,494	1,867	1.63	3,128	403	0.35	1,863	766	0.67	3,036	2.64
New York	370,987	16,694	1.15	53,585	6,912	0.48	31,814	13,076	0.90	36,682	2.53
North Carolina	127,989	5,760	1.11	11,174	1,441	0.28	8,965	3,685	0.71	10,886	2.10
North Dakota	15,635	704	1.35	817	105	0.20	1,110	456	0.87	1,265	2.42
Ohio	258,237	11,621	1.35	15,795	2,038	0.24	12,292	5,052	0.59	18,710	2.17
Oklahoma	59,591	2,682	1.04	2,975	384	0.15	3,539	1,455	0.57	4,520	1.76
Oregon	61,539	2,769	1.26	8,925	1,151	0.53	3,814	1,568	0.72	5,488	2.50
Pennsylvania	299,912	13,496	1.38	15,352	1,980	0.20	14,607	6,003	0.61	21,480	2.20
Rhode Island	25,221	1,135	1.40	3,242	418	0.52	1,858	764	0.94	2,317	2.85
South Carolina	80,644	3,629	1.34	5,699	735	0.27	5,791	2,380	0.88	6,744	2.49
South Dakota	15,215	685	1.24	829	107	0.19	1,063	437	0.79	1,228	2.22
Tennessee	101,866	4,584	1.17	4,600	593	0.15	5,876	2,415	0.62	7,592	1.94
Texas	461,986	20,789	1.61	28,992	3,740	0.29	19,066	7,836	0.61	32,366	2.51
Utah	21,850	983	0.84	1,366	176	0.15	1,407	578	0.50	1,738	1.49
Vermont	15,229	685	1.55	1,970	254	0.58	1,055	434	0.98	1,373	3.11
Virginia	148,506	6,683	1.40	9,497	1,225	0.26	8,233	3,384	0.71	11,292	2.36
Washington	99,376	4,472	1.23	15,647	2,018	0.56	6,978	2,868	0.79	9,359	2.58
West Virginia	37,683	1,696	1.11	1,525	197	0.13	1,508	620	0.41	2,512	1.64
Wisconsin	151,475	6,816	1.78	10,516	1,357	0.35	9,066	3,726	0.97	11,899	3.11
Wyoming	12,020	541	1.46	698	90	0.24	780	321	0.86	952	2.57
Northeast Region	1,146,148	51,577	1.25	136,190	17,569	0.43	91,391	37,562	0.91	106,707	2.60
Midwest Region	1,442,020	64,891	1.37	107,442	13,860	0.29	88,080	36,201	0.76	114,952	2.42
South Region	1,974,585	88,856	1.33	140,322	18,102	0.27	124,841	51,310	0.77	158,268	2.37
West Region	1,205,256	54,237	1.39	187,427	24,178	0.62	84,931	34,907	0.89	113,321	2.90
United States	5,768,009	259,560	1.34	571,381	73,708	0.38	389,243	159,979	0.82	493,247	2.54

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1988

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	79,665	3,585	1.10	4,596	593	0.18	4,799	1,972	0.61	6,150	1.89
Alaska	13,709	617	1.60	1,469	190	0.49	1,153	474	1.23	1,280	3.32
Arizona	99,190	4,464	1.64	8,813	1,137	0.42	5,844	2,402	0.88	8,002	2.94
Arkansas	45,205	2,034	1.07	2,005	259	0.14	2,465	1,013	0.53	3,306	1.74
California	662,221	29,800	1.34	117,039	15,098	0.68	48,176	19,800	0.89	64,698	2.90
Colorado	82,599	3,717	1.42	7,935	1,024	0.39	5,761	2,368	0.91	7,108	2.72
Connecticut	66,885	3,010	1.14	10,370	1,338	0.51	6,902	2,837	1.07	7,184	2.71
Delaware	16,961	763	1.44	1,653	213	0.40	1,534	631	1.19	1,607	3.03
District of Columbia	16,424	739	1.47	3,838	495	0.99	2,473	1,016	2.02	2,250	4.48
Florida	339,928	15,297	1.51	32,135	4,145	0.41	24,755	10,174	1.00	29,617	2.92
Georgia	134,611	6,058	1.22	10,042	1,295	0.26	11,133	4,576	0.92	11,929	2.40
Hawaii	31,198	1,404	1.62	3,018	389	0.45	1,672	687	0.79	2,480	2.86
Idaho	21,124	951	1.25	2,136	276	0.36	1,072	441	0.58	1,667	2.18
Illinois	292,175	13,148	1.42	26,876	3,467	0.37	19,133	7,864	0.85	24,479	2.64
Indiana	121,620	5,473	1.23	7,171	925	0.21	7,138	2,934	0.66	9,332	2.10
Iowa	64,801	2,916	1.28	3,473	448	0.20	2,860	1,176	0.52	4,540	1.99
Kansas	48,725	2,193	1.11	3,293	425	0.21	2,688	1,105	0.56	3,722	1.88
Kentucky	71,473	3,216	1.08	2,828	365	0.12	4,263	1,752	0.59	5,333	1.79
Louisiana	108,532	4,884	1.44	6,193	799	0.24	5,699	2,342	0.69	8,025	2.37
Maine	27,649	1,244	1.28	2,682	346	0.36	2,145	882	0.91	2,472	2.54
Maryland	104,103	4,685	1.26	10,431	1,346	0.36	9,137	3,755	1.01	9,786	2.62
Massachusetts	139,528	6,279	1.29	18,846	2,431	0.50	12,636	5,193	1.07	13,903	2.86
Michigan	214,646	9,659	1.31	18,274	2,357	0.32	14,978	6,156	0.84	18,172	2.47
Minnesota	98,589	4,437	1.30	7,982	1,030	0.30	7,446	3,060	0.89	8,527	2.49
Mississippi	57,391	2,583	1.28	1,429	184	0.09	3,226	1,326	0.66	4,093	2.03
Missouri	121,986	5,489	1.33	8,039	1,037	0.25	6,921	2,844	0.69	9,371	2.28
Montana	22,236	1,001	1.59	1,546	199	0.32	1,160	477	0.76	1,677	2.66
Nebraska	38,665	1,740	1.37	2,138	276	0.22	1,994	820	0.65	2,835	2.23
Nevada	39,957	1,798	2.13	5,109	659	0.78	4,101	1,686	2.00	4,143	4.91
New Hampshire	36,969	1,664	1.91	3,286	424	0.49	4,115	1,691	1.94	3,779	4.33
New Jersey	161,339	7,260	1.15	24,833	3,203	0.51	14,245	5,855	0.93	16,318	2.58
New Mexico	41,804	1,881	1.63	2,952	381	0.33	1,887	775	0.67	3,037	2.64
New York	371,362	16,711	1.15	50,250	6,482	0.45	30,692	12,614	0.87	35,808	2.47
North Carolina	130,245	5,861	1.12	11,526	1,487	0.28	8,723	3,585	0.68	10,933	2.09
North Dakota	15,973	719	1.38	755	97	0.19	1,092	449	0.86	1,265	2.43
Ohio	257,704	11,597	1.34	15,936	2,056	0.24	11,465	4,712	0.54	18,364	2.11
Oklahoma	59,292	2,668	1.05	2,750	355	0.14	3,127	1,285	0.50	4,308	1.69
Oregon	62,666	2,820	1.27	8,845	1,141	0.51	3,824	1,572	0.71	5,533	2.48
Pennsylvania	303,085	13,639	1.39	14,253	1,839	0.19	12,665	5,205	0.53	20,683	2.11
Rhode Island	25,152	1,132	1.39	3,104	400	0.49	1,918	788	0.97	2,320	2.85
South Carolina	83,081	3,739	1.37	5,519	712	0.26	5,904	2,427	0.89	6,877	2.51
South Dakota	15,003	675	1.21	689	89	0.16	1,034	425	0.76	1,189	2.13
Tennessee	105,267	4,737	1.20	4,397	567	0.14	5,772	2,372	0.60	7,677	1.95
Texas	460,060	20,703	1.61	27,787	3,585	0.28	18,355	7,544	0.59	31,831	2.47
Utah	21,584	971	0.83	1,291	167	0.14	1,388	570	0.49	1,708	1.45
Vermont	15,048	677	1.51	1,928	249	0.56	1,014	417	0.93	1,342	3.00
Virginia	142,399	6,408	1.31	9,610	1,240	0.25	8,024	3,298	0.68	10,946	2.24
Washington	100,933	4,542	1.22	14,364	1,853	0.50	6,939	2,852	0.77	9,247	2.49
West Virginia	37,655	1,694	1.12	1,375	177	0.12	1,489	612	0.40	2,484	1.64
Wisconsin	149,647	6,734	1.75	9,841	1,269	0.33	8,870	3,646	0.95	11,649	3.02
Wyoming	11,322	509	1.39	654	84	0.23	744	306	0.83	899	2.46
Northeast Region	1,147,017	51,616	1.25	129,551	16,712	0.40	86,332	35,482	0.86	103,810	2.52
Midwest Region	1,439,534	64,779	1.36	104,466	13,476	0.28	85,619	35,189	0.74	113,445	2.38
South Region	1,992,291	89,653	1.33	138,116	17,817	0.27	120,879	49,681	0.74	157,151	2.34
West Region	1,210,542	54,474	1.37	175,170	22,597	0.57	83,720	34,409	0.87	111,480	2.80
United States	5,789,384	260,522	1.33	547,304	70,602	0.36	376,550	154,762	0.79	485,886	2.48

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1989

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	79,990	3,600	1.10	4,267	550	0.17	4,735	1,946	0.60	6,096	1.87
Alaska	13,624	613	1.57	1,389	179	0.46	1,172	482	1.24	1,274	3.27
Arizona	103,057	4,638	1.68	7,717	996	0.36	5,733	2,356	0.85	7,989	2.89
Arkansas	45,736	2,058	1.08	1,857	240	0.13	2,649	1,089	0.57	3,386	1.78
California	664,432	29,899	1.31	107,760	13,901	0.61	48,041	19,745	0.87	63,546	2.79
Colorado	81,418	3,664	1.40	7,524	971	0.37	5,333	2,192	0.84	6,826	2.60
Connecticut	64,158	2,887	1.09	9,632	1,243	0.47	6,324	2,599	0.98	6,729	2.54
Delaware	16,769	755	1.40	1,584	204	0.38	1,477	607	1.13	1,566	2.91
District of Columbia	16,238	731	1.49	3,352	432	0.88	2,200	904	1.85	2,067	4.22
Florida	349,367	15,722	1.51	31,189	4,023	0.39	25,357	10,422	1.00	30,167	2.90
Georgia	132,593	5,967	1.18	9,492	1,225	0.24	11,547	4,746	0.94	11,937	2.37
Hawaii	30,138	1,356	1.54	2,910	375	0.43	1,689	694	0.79	2,426	2.76
Idaho	21,195	954	1.23	1,828	236	0.30	1,049	431	0.56	1,621	2.09
Illinois	286,154	12,877	1.38	25,448	3,283	0.35	18,679	7,677	0.82	23,837	2.56
Indiana	120,376	5,417	1.21	6,668	860	0.19	6,873	2,825	0.63	9,102	2.04
Iowa	63,940	2,877	1.26	3,208	414	0.18	2,775	1,141	0.50	4,432	1.94
Kansas	48,725	2,193	1.10	1,995	257	0.13	2,604	1,070	0.54	3,520	1.77
Kentucky	71,336	3,210	1.08	2,727	352	0.12	4,092	1,682	0.56	5,244	1.76
Louisiana	106,895	4,810	1.43	6,082	785	0.23	5,859	2,408	0.72	8,003	2.38
Maine	27,434	1,235	1.25	2,587	334	0.34	2,040	838	0.85	2,406	2.44
Maryland	101,930	4,587	1.22	9,986	1,288	0.34	9,041	3,716	0.98	9,591	2.54
Massachusetts	136,583	6,146	1.26	17,659	2,278	0.47	12,028	4,943	1.02	13,368	2.75
Michigan	210,798	9,486	1.29	16,879	2,177	0.30	14,354	5,900	0.80	17,563	2.38
Minnesota	98,078	4,414	1.28	7,168	925	0.27	7,425	3,052	0.88	8,390	2.43
Mississippi	56,647	2,549	1.26	1,451	187	0.09	3,201	1,315	0.65	4,052	2.00
Missouri	122,308	5,504	1.33	7,147	922	0.22	6,904	2,838	0.69	9,263	2.24
Montana	21,916	986	1.56	1,417	183	0.29	1,111	456	0.72	1,625	2.57
Nebraska	38,809	1,746	1.37	1,914	247	0.19	1,928	792	0.62	2,786	2.18
Nevada	43,018	1,936	2.18	5,039	650	0.73	4,140	1,702	1.92	4,287	4.83
New Hampshire	36,858	1,659	1.87	3,452	445	0.50	4,304	1,769	1.99	3,873	4.37
New Jersey	158,485	7,132	1.13	24,550	3,167	0.50	14,658	6,024	0.96	16,323	2.59
New Mexico	42,497	1,912	1.64	2,606	336	0.29	1,831	753	0.65	3,001	2.58
New York	359,860	16,194	1.12	47,336	6,106	0.42	28,984	11,913	0.82	34,213	2.36
North Carolina	133,314	5,999	1.13	11,230	1,449	0.27	8,488	3,488	0.66	10,936	2.06
North Dakota	15,777	710	1.38	683	88	0.17	1,050	431	0.84	1,230	2.38
Ohio	260,695	11,731	1.35	15,030	1,939	0.22	10,689	4,393	0.50	18,063	2.07
Oklahoma	59,395	2,673	1.05	2,601	336	0.13	3,262	1,341	0.53	4,349	1.70
Oregon	63,514	2,858	1.26	8,133	1,049	0.46	3,814	1,568	0.69	5,475	2.41
Pennsylvania	296,136	13,326	1.36	13,827	1,784	0.18	13,353	5,488	0.56	20,598	2.10
Rhode Island	24,783	1,115	1.37	2,915	376	0.46	1,721	707	0.87	2,199	2.69
South Carolina	84,388	3,797	1.37	5,192	670	0.24	5,767	2,370	0.86	6,838	2.47
South Dakota	15,473	696	1.25	629	81	0.15	947	389	0.70	1,167	2.09
Tennessee	104,120	4,685	1.18	4,248	548	0.14	5,673	2,332	0.59	7,565	1.90
Texas	468,126	21,066	1.62	26,733	3,449	0.26	18,362	7,547	0.58	32,061	2.46
Utah	21,680	976	0.82	1,237	160	0.13	1,364	561	0.47	1,696	1.42
Vermont	14,720	662	1.45	1,818	235	0.51	971	399	0.88	1,296	2.84
Virginia	134,680	6,061	1.23	11,879	1,532	0.31	7,770	3,193	0.65	10,786	2.19
Washington	104,217	4,690	1.24	13,670	1,763	0.47	6,929	2,848	0.75	9,301	2.45
West Virginia	37,567	1,691	1.12	1,234	159	0.11	1,377	566	0.38	2,416	1.60
Wisconsin	146,865	6,609	1.71	9,198	1,186	0.31	8,940	3,674	0.95	11,470	2.96
Wyoming	10,936	492	1.35	611	79	0.22	726	298	0.82	869	2.38
Northeast Region	1,119,018	50,356	1.22	123,775	15,967	0.39	84,382	34,681	0.84	101,004	2.44
Midwest Region	1,427,998	64,260	1.34	95,966	12,380	0.26	83,167	34,182	0.71	110,821	2.31
South Region	1,999,090	89,959	1.33	135,105	17,429	0.26	120,859	49,673	0.73	157,061	2.31
West Region	1,221,643	54,974	1.36	161,842	20,878	0.51	82,934	34,086	0.84	109,937	2.71
United States	5,767,750	259,549	1.31	516,689	66,653	0.34	371,342	152,621	0.77	478,823	2.42

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1990

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	80,899	3,640	1.12	4,566	589	0.18	4,830	1,985	0.61	6,215	1.92
Alaska	14,607	657	1.62	1,466	189	0.46	1,234	507	1.25	1,354	3.33
Arizona	101,755	4,579	1.59	8,276	1,068	0.37	5,630	2,314	0.80	7,960	2.77
Arkansas	46,863	2,109	1.12	1,875	242	0.13	2,774	1,140	0.61	3,491	1.86
California	691,050	31,097	1.32	106,909	13,791	0.59	49,877	20,499	0.87	65,388	2.78
Colorado	77,974	3,509	1.35	5,910	762	0.29	4,738	1,947	0.75	6,218	2.39
Connecticut	65,000	2,925	1.09	9,488	1,224	0.45	6,026	2,477	0.92	6,626	2.46
Delaware	17,215	775	1.44	1,552	200	0.37	1,483	610	1.14	1,585	2.95
District of Columbia	16,225	730	1.42	3,050	393	0.76	2,456	1,010	1.96	2,133	4.14
Florida	365,079	16,429	1.54	32,045	4,134	0.39	26,849	11,035	1.04	31,597	2.96
Georgia	139,039	6,257	1.22	9,201	1,187	0.23	10,805	4,441	0.86	11,884	2.31
Hawaii	32,470	1,461	1.64	2,753	355	0.40	1,716	705	0.79	2,522	2.84
Idaho	23,048	1,037	1.36	1,939	250	0.33	1,085	446	0.58	1,733	2.27
Illinois	290,352	13,066	1.43	25,731	3,319	0.36	18,291	7,518	0.82	23,903	2.62
Indiana	124,264	5,592	1.26	6,829	881	0.20	6,842	2,812	0.63	9,285	2.09
Iowa	66,011	2,971	1.34	3,162	408	0.18	2,893	1,189	0.54	4,567	2.06
Kansas	48,827	2,197	1.13	1,985	256	0.13	2,511	1,032	0.53	3,485	1.79
Kentucky	73,696	3,316	1.12	2,570	332	0.11	4,313	1,773	0.60	5,420	1.83
Louisiana	111,375	5,012	1.53	5,897	761	0.23	6,188	2,543	0.78	8,316	2.54
Maine	26,577	1,196	1.21	2,374	306	0.31	1,974	811	0.82	2,313	2.34
Maryland	104,108	4,685	1.22	9,941	1,282	0.33	8,968	3,686	0.96	9,653	2.51
Massachusetts	133,706	6,017	1.22	17,298	2,231	0.45	11,623	4,777	0.97	13,025	2.63
Michigan	218,289	9,823	1.33	16,126	2,080	0.28	14,411	5,923	0.80	17,826	2.42
Minnesota	101,354	4,561	1.32	7,202	929	0.27	8,032	3,301	0.96	8,791	2.55
Mississippi	59,871	2,694	1.34	1,420	183	0.09	3,183	1,308	0.65	4,186	2.08
Missouri	124,578	5,606	1.37	7,080	913	0.22	6,959	2,860	0.70	9,380	2.30
Montana	22,230	1,000	1.60	1,415	183	0.29	1,173	482	0.77	1,665	2.67
Nebraska	38,905	1,751	1.41	1,888	244	0.20	1,937	796	0.64	2,791	2.25
Nevada	46,587	2,096	2.17	5,179	668	0.69	4,499	1,849	1.92	4,613	4.78
New Hampshire	36,470	1,641	1.85	3,356	433	0.49	4,265	1,753	1.97	3,827	4.30
New Jersey	162,454	7,310	1.15	23,712	3,059	0.48	14,582	5,993	0.95	16,362	2.58
New Mexico	43,377	1,952	1.68	2,506	323	0.28	1,925	791	0.68	3,066	2.64
New York	367,567	16,541	1.13	46,719	6,027	0.41	27,166	11,165	0.76	33,733	2.30
North Carolina	138,677	6,240	1.16	11,407	1,472	0.27	8,537	3,509	0.65	11,221	2.08
North Dakota	16,355	736	1.47	658	85	0.17	1,133	466	0.93	1,287	2.56
Ohio	258,980	11,654	1.34	14,476	1,867	0.22	11,130	4,574	0.53	18,096	2.09
Oklahoma	61,817	2,782	1.12	2,603	336	0.14	3,356	1,379	0.55	4,497	1.81
Oregon	66,615	2,998	1.32	8,200	1,058	0.47	4,010	1,648	0.73	5,704	2.51
Pennsylvania	306,239	13,781	1.42	13,531	1,746	0.18	13,006	5,345	0.55	20,872	2.15
Rhode Island	24,113	1,085	1.31	2,802	362	0.44	1,579	649	0.79	2,096	2.54
South Carolina	89,170	4,013	1.44	5,493	709	0.25	6,197	2,547	0.92	7,268	2.61
South Dakota	16,275	732	1.36	739	95	0.18	1,046	430	0.80	1,258	2.34
Tennessee	106,589	4,796	1.22	4,418	570	0.14	5,796	2,382	0.60	7,749	1.96
Texas	479,825	21,592	1.64	26,380	3,403	0.26	18,425	7,573	0.58	32,568	2.47
Utah	21,859	984	0.80	1,170	151	0.12	1,388	571	0.46	1,705	1.39
Vermont	14,686	661	1.47	1,687	218	0.48	936	385	0.85	1,263	2.80
Virginia	139,422	6,274	1.25	11,716	1,511	0.30	7,613	3,129	0.62	10,914	2.18
Washington	109,067	4,908	1.27	13,734	1,772	0.46	7,114	2,924	0.76	9,604	2.49
West Virginia	38,857	1,749	1.20	1,185	153	0.10	1,483	609	0.42	2,511	1.72
Wisconsin	149,312	6,719	1.74	9,150	1,180	0.31	9,715	3,993	1.03	11,892	3.07
Wyoming	11,364	511	1.48	598	77	0.22	781	321	0.93	910	2.63
Northeast Region	1,136,810	51,156	1.23	120,968	15,605	0.38	81,158	33,356	0.80	100,117	2.41
Midwest Region	1,453,502	65,408	1.38	95,027	12,259	0.26	84,901	34,894	0.74	112,560	2.37
South Region	2,068,727	93,093	1.36	135,318	17,456	0.26	123,255	50,658	0.74	161,207	2.36
West Region	1,262,004	56,790	1.37	160,054	20,647	0.50	85,170	35,005	0.84	112,442	2.71
United States	5,921,042	266,447	1.34	511,368	65,966	0.33	374,484	153,913	0.77	486,326	2.45

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1991

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	72,921	3,281	1.00	4,380	565	0.17	4,685	1,925	0.59	5,772	1.76
Alaska	14,408	648	1.54	1,405	181	0.43	1,166	479	1.14	1,309	3.11
Arizona	104,212	4,690	1.58	7,961	1,027	0.35	5,654	2,324	0.78	8,040	2.71
Arkansas	47,189	2,124	1.12	1,676	216	0.11	2,664	1,095	0.58	3,435	1.81
California	643,785	28,970	1.22	90,278	11,646	0.49	43,371	17,825	0.75	58,442	2.46
Colorado	82,471	3,711	1.39	7,292	941	0.35	5,641	2,318	0.87	6,970	2.61
Connecticut	61,628	2,773	1.03	8,870	1,144	0.43	5,489	2,256	0.84	6,174	2.29
Delaware	16,962	763	1.40	1,482	191	0.35	1,266	520	0.95	1,475	2.70
District of Columbia	16,005	720	1.42	2,410	311	0.61	2,279	936	1.85	1,968	3.89
Florida	347,338	15,630	1.43	29,153	3,761	0.34	24,375	10,018	0.92	29,409	2.69
Georgia	135,287	6,088	1.16	9,066	1,170	0.22	10,014	4,116	0.78	11,373	2.17
Hawaii	31,563	1,420	1.57	2,797	361	0.40	1,550	637	0.70	2,418	2.67
Idaho	23,112	1,040	1.31	1,942	251	0.32	1,090	448	0.56	1,738	2.19
Illinois	282,757	12,724	1.38	24,380	3,145	0.34	16,921	6,955	0.76	22,824	2.48
Indiana	121,058	5,448	1.22	6,634	856	0.19	6,491	2,668	0.60	8,971	2.00
Iowa	65,549	2,950	1.32	2,791	360	0.16	2,842	1,168	0.52	4,478	2.01
Kansas	49,972	2,249	1.15	2,063	266	0.14	2,734	1,124	0.57	3,639	1.85
Kentucky	73,511	3,308	1.11	2,508	324	0.11	4,105	1,687	0.56	5,319	1.78
Louisiana	110,777	4,985	1.52	5,415	698	0.21	5,864	2,410	0.73	8,094	2.46
Maine	26,149	1,177	1.18	2,339	302	0.30	1,850	760	0.77	2,239	2.25
Maryland	99,280	4,468	1.15	9,055	1,168	0.30	8,387	3,447	0.89	9,083	2.33
Massachusetts	129,794	5,841	1.19	16,338	2,108	0.43	10,427	4,286	0.87	12,234	2.49
Michigan	214,854	9,668	1.30	12,673	1,635	0.22	13,435	5,522	0.74	16,825	2.26
Minnesota	100,396	4,518	1.30	6,374	822	0.24	6,903	2,837	0.81	8,177	2.35
Mississippi	59,364	2,671	1.32	1,456	188	0.09	3,147	1,293	0.64	4,153	2.05
Missouri	123,144	5,541	1.35	6,863	885	0.22	6,408	2,634	0.64	9,060	2.20
Montana	22,660	1,020	1.61	1,352	174	0.28	1,163	478	0.76	1,672	2.64
Nebraska	38,936	1,752	1.40	1,725	223	0.18	1,860	764	0.61	2,739	2.19
Nevada	46,997	2,115	2.05	5,014	647	0.63	4,107	1,688	1.63	4,450	4.31
New Hampshire	36,403	1,638	1.85	3,326	429	0.49	4,221	1,735	1.96	3,802	4.30
New Jersey	154,525	6,954	1.09	20,999	2,709	0.43	12,643	5,196	0.82	14,859	2.34
New Mexico	43,237	1,946	1.64	2,406	310	0.26	1,861	765	0.64	3,021	2.54
New York	354,515	15,953	1.09	41,759	5,387	0.37	24,453	10,050	0.69	31,390	2.14
North Carolina	136,059	6,123	1.11	10,145	1,309	0.24	8,083	3,322	0.60	10,754	1.96
North Dakota	15,864	714	1.43	604	78	0.16	1,046	430	0.86	1,222	2.44
Ohio	258,087	11,614	1.33	12,527	1,616	0.18	10,859	4,463	0.51	17,693	2.03
Oklahoma	60,888	2,740	1.09	2,462	318	0.13	3,314	1,362	0.54	4,419	1.76
Oregon	66,336	2,985	1.28	7,882	1,017	0.44	3,805	1,564	0.67	5,566	2.38
Pennsylvania	294,477	13,251	1.36	12,934	1,668	0.17	12,314	5,061	0.52	19,981	2.05
Rhode Island	24,365	1,096	1.33	2,400	310	0.37	1,439	592	0.71	1,998	2.41
South Carolina	84,669	3,810	1.34	4,931	636	0.22	5,802	2,385	0.84	6,831	2.41
South Dakota	16,512	743	1.37	637	82	0.15	1,000	411	0.76	1,236	2.27
Tennessee	105,856	4,764	1.19	4,168	538	0.13	5,294	2,176	0.54	7,477	1.87
Texas	476,166	21,427	1.60	25,517	3,292	0.25	18,092	7,436	0.55	32,155	2.40
Utah	22,692	1,021	0.80	1,143	147	0.12	1,332	548	0.43	1,716	1.34
Vermont	14,189	639	1.41	1,627	210	0.46	905	372	0.82	1,220	2.69
Virginia	135,339	6,090	1.20	10,948	1,412	0.28	7,199	2,959	0.58	10,461	2.06
Washington	108,347	4,876	1.23	13,294	1,715	0.43	7,052	2,899	0.73	9,489	2.39
West Virginia	38,533	1,734	1.18	1,019	131	0.09	1,553	638	0.43	2,504	1.70
Wisconsin	143,893	6,475	1.65	8,254	1,065	0.27	7,975	3,278	0.84	10,818	2.76
Wyoming	11,363	511	1.45	558	72	0.20	770	316	0.90	900	2.56
Northeast Region	1,096,045	49,322	1.19	110,592	14,266	0.34	73,741	30,308	0.73	93,896	2.26
Midwest Region	1,431,023	64,396	1.35	85,526	11,033	0.23	78,473	32,252	0.67	107,681	2.25
South Region	2,016,144	90,726	1.31	125,790	16,227	0.23	116,123	47,726	0.69	154,680	2.23
West Region	1,221,183	54,953	1.30	143,323	18,489	0.44	78,562	32,289	0.76	105,731	2.50
United States	5,764,396	259,398	1.29	465,230	60,015	0.30	346,900	142,576	0.71	461,988	2.30

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1992

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	75,192	3,384	1.02	4,773	616	0.19	4,737	1,947	0.59	5,946	1.79
Alaska	14,906	671	1.53	1,405	181	0.41	1,147	471	1.08	1,323	3.02
Arizona	107,604	4,842	1.58	7,395	954	0.31	6,009	2,470	0.80	8,266	2.69
Arkansas	48,080	2,164	1.13	1,851	239	0.12	3,051	1,254	0.65	3,656	1.90
California	685,509	30,848	1.28	94,869	12,238	0.51	44,255	18,189	0.75	61,275	2.54
Colorado	82,075	3,693	1.34	7,708	994	0.36	5,460	2,244	0.81	6,932	2.52
Connecticut	60,121	2,705	1.01	9,366	1,208	0.45	5,433	2,233	0.83	6,147	2.30
Delaware	17,340	780	1.40	1,555	201	0.36	1,309	538	0.97	1,519	2.73
District of Columbia	17,896	805	1.61	2,737	353	0.70	2,117	870	1.74	2,028	4.05
Florida	360,078	16,204	1.45	29,361	3,788	0.34	26,082	10,720	0.96	30,711	2.75
Georgia	146,023	6,571	1.22	8,918	1,150	0.21	10,384	4,268	0.79	11,989	2.23
Hawaii	31,743	1,428	1.55	2,786	359	0.39	1,550	637	0.69	2,425	2.63
Idaho	24,107	1,085	1.32	1,997	258	0.31	1,131	465	0.57	1,807	2.20
Illinois	276,758	12,454	1.34	24,882	3,210	0.35	16,720	6,872	0.74	22,536	2.43
Indiana	117,289	5,278	1.16	7,078	913	0.20	6,451	2,651	0.58	8,842	1.95
Iowa	65,533	2,949	1.31	2,263	292	0.13	2,516	1,034	0.46	4,275	1.90
Kansas	48,407	2,178	1.09	2,141	276	0.14	2,648	1,088	0.55	3,543	1.78
Kentucky	69,753	3,139	1.04	2,626	339	0.11	4,125	1,695	0.56	5,173	1.71
Louisiana	114,436	5,150	1.55	5,767	744	0.22	5,976	2,456	0.74	8,350	2.51
Maine	25,735	1,158	1.16	2,215	286	0.29	1,888	776	0.78	2,220	2.23
Maryland	96,549	4,345	1.11	8,954	1,155	0.29	8,208	3,373	0.86	8,873	2.26
Massachusetts	122,631	5,518	1.12	16,709	2,155	0.44	9,824	4,038	0.82	11,712	2.38
Michigan	209,458	9,426	1.26	12,549	1,619	0.22	13,489	5,544	0.74	16,588	2.21
Minnesota	98,360	4,426	1.25	6,743	870	0.25	7,318	3,008	0.85	8,304	2.35
Mississippi	61,512	2,768	1.35	1,452	187	0.09	3,149	1,294	0.63	4,250	2.08
Missouri	123,289	5,548	1.34	6,919	893	0.21	6,944	2,854	0.69	9,295	2.24
Montana	22,820	1,027	1.59	1,321	170	0.26	1,184	487	0.75	1,684	2.61
Nebraska	38,706	1,742	1.37	1,737	224	0.18	1,886	775	0.61	2,741	2.16
Nevada	48,314	2,174	2.02	5,195	670	0.62	4,235	1,741	1.61	4,585	4.25
New Hampshire	35,771	1,610	1.81	3,576	461	0.52	4,240	1,743	1.96	3,814	4.30
New Jersey	151,772	6,830	1.07	21,627	2,790	0.44	12,897	5,301	0.83	14,920	2.34
New Mexico	42,280	1,903	1.56	2,380	307	0.25	1,966	808	0.66	3,018	2.47
New York	341,310	15,359	1.04	42,375	5,466	0.37	24,167	9,933	0.68	30,758	2.09
North Carolina	141,844	6,383	1.14	9,750	1,258	0.23	8,079	3,320	0.59	10,961	1.96
North Dakota	15,472	696	1.38	595	77	0.15	1,042	428	0.85	1,201	2.39
Ohio	257,415	11,584	1.32	11,519	1,486	0.17	10,678	4,389	0.50	17,458	1.98
Oklahoma	63,943	2,877	1.13	2,542	328	0.13	3,391	1,394	0.55	4,599	1.81
Oregon	68,209	3,069	1.29	8,453	1,090	0.46	3,878	1,594	0.67	5,754	2.41
Pennsylvania	282,305	12,704	1.30	13,400	1,729	0.18	12,207	5,017	0.51	19,449	1.99
Rhode Island	22,784	1,025	1.24	2,518	325	0.39	1,400	575	0.70	1,926	2.33
South Carolina	85,768	3,860	1.34	4,476	577	0.20	5,535	2,275	0.79	6,712	2.33
South Dakota	16,801	756	1.37	620	80	0.15	992	408	0.74	1,244	2.26
Tennessee	109,001	4,905	1.21	4,452	574	0.14	5,517	2,267	0.56	7,747	1.90
Texas	502,494	22,612	1.65	25,840	3,333	0.24	18,402	7,563	0.55	33,509	2.45
Utah	23,502	1,058	0.79	1,192	154	0.12	1,357	558	0.42	1,769	1.33
Vermont	13,650	614	1.35	1,565	202	0.44	864	355	0.78	1,171	2.57
Virginia	143,707	6,467	1.25	11,109	1,433	0.28	7,191	2,956	0.57	10,855	2.10
Washington	113,618	5,113	1.26	14,628	1,887	0.46	7,165	2,945	0.72	9,945	2.44
West Virginia	38,142	1,716	1.16	1,041	134	0.09	1,486	611	0.41	2,461	1.66
Wisconsin	140,588	6,326	1.59	7,605	981	0.25	8,723	3,585	0.90	10,893	2.74
Wyoming	11,533	519	1.44	564	73	0.20	800	329	0.91	921	2.56
Northeast Region	1,056,079	47,524	1.14	113,351	14,622	0.35	72,920	29,970	0.72	92,116	2.21
Midwest Region	1,408,076	63,363	1.31	84,651	10,920	0.23	79,407	32,636	0.68	106,920	2.21
South Region	2,091,758	94,129	1.33	127,204	16,409	0.23	118,739	48,802	0.69	159,340	2.26
West Region	1,276,220	57,430	1.33	149,893	19,336	0.45	80,137	32,936	0.76	109,702	2.54
United States	5,832,133	262,446	1.29	475,099	61,288	0.30	351,203	144,344	0.71	468,078	2.30

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1993

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	85,380	3,842	1.14	4,342	560	0.17	4,582	1,883	0.56	6,286	1.86
Alaska	13,014	586	1.31	1,098	142	0.32	1,007	414	0.92	1,141	2.55
Arizona	112,268	5,052	1.58	6,782	875	0.27	5,932	2,438	0.76	8,365	2.62
Arkansas	47,873	2,154	1.10	1,747	225	0.11	2,758	1,134	0.58	3,513	1.79
California	633,907	28,526	1.17	90,130	11,627	0.48	40,965	16,837	0.69	56,989	2.35
Colorado	88,832	3,997	1.40	8,042	1,037	0.36	6,008	2,469	0.86	7,504	2.63
Connecticut	57,094	2,569	0.96	9,110	1,175	0.44	5,185	2,131	0.80	5,876	2.20
Delaware	18,326	825	1.46	1,548	200	0.35	1,300	534	0.95	1,559	2.76
District of Columbia	16,721	752	1.51	2,805	362	0.73	1,861	765	1.54	1,879	3.78
Florida	362,830	16,327	1.44	28,763	3,710	0.33	25,431	10,452	0.92	30,490	2.68
Georgia	150,381	6,767	1.23	8,660	1,117	0.20	10,292	4,230	0.77	12,114	2.20
Hawaii	30,845	1,388	1.49	2,700	348	0.37	1,468	603	0.65	2,340	2.51
Idaho	23,913	1,076	1.26	1,920	248	0.29	1,150	473	0.55	1,796	2.11
Illinois	275,588	12,401	1.32	24,378	3,145	0.34	16,423	6,750	0.72	22,296	2.38
Indiana	116,929	5,262	1.15	6,882	888	0.19	7,162	2,944	0.64	9,093	1.98
Iowa	64,885	2,920	1.28	1,883	243	0.11	2,643	1,086	0.48	4,249	1.87
Kansas	48,989	2,205	1.09	2,141	276	0.14	2,542	1,045	0.52	3,525	1.75
Kentucky	73,290	3,298	1.08	2,472	319	0.10	4,138	1,701	0.55	5,317	1.73
Louisiana	113,850	5,123	1.53	5,556	717	0.21	5,893	2,422	0.72	8,262	2.47
Maine	25,478	1,147	1.15	2,215	286	0.29	1,913	786	0.79	2,219	2.22
Maryland	96,952	4,363	1.10	8,540	1,102	0.28	7,736	3,179	0.80	8,644	2.19
Massachusetts	124,806	5,616	1.14	16,657	2,149	0.44	9,561	3,930	0.80	11,695	2.38
Michigan	210,621	9,478	1.25	11,965	1,543	0.20	13,255	5,448	0.72	16,469	2.18
Minnesota	99,065	4,458	1.24	6,784	875	0.24	7,317	3,007	0.84	8,340	2.33
Mississippi	63,281	2,848	1.37	1,661	214	0.10	3,180	1,307	0.63	4,369	2.11
Missouri	124,395	5,598	1.33	6,538	843	0.20	6,839	2,811	0.67	9,252	2.20
Montana	22,015	991	1.49	1,276	165	0.25	1,172	482	0.73	1,637	2.47
Nebraska	38,924	1,752	1.37	1,755	226	0.18	1,846	759	0.59	2,737	2.14
Nevada	48,677	2,190	1.95	5,029	649	0.58	4,211	1,731	1.54	4,570	4.06
New Hampshire	36,412	1,639	1.83	3,751	484	0.54	4,384	1,802	2.01	3,924	4.38
New Jersey	152,645	6,869	1.07	21,019	2,711	0.42	12,405	5,099	0.79	14,679	2.29
New Mexico	42,591	1,917	1.53	2,188	282	0.23	1,933	795	0.63	2,993	2.39
New York	328,600	14,787	1.00	40,422	5,214	0.35	22,353	9,187	0.62	29,189	1.98
North Carolina	144,898	6,520	1.14	9,549	1,232	0.22	7,788	3,201	0.56	10,953	1.92
North Dakota	15,448	695	1.37	608	78	0.15	1,032	424	0.84	1,198	2.36
Ohio	254,701	11,462	1.29	10,993	1,418	0.16	10,685	4,392	0.50	17,271	1.95
Oklahoma	63,410	2,853	1.11	2,253	291	0.11	2,998	1,232	0.48	4,376	1.70
Oregon	67,415	3,034	1.24	8,191	1,057	0.43	3,828	1,573	0.64	5,664	2.31
Pennsylvania	285,850	12,863	1.31	13,059	1,685	0.17	11,517	4,734	0.48	19,281	1.96
Rhode Island	22,363	1,006	1.22	2,331	301	0.36	1,377	566	0.69	1,873	2.27
South Carolina	88,229	3,970	1.36	4,424	571	0.20	5,292	2,175	0.75	6,716	2.30
South Dakota	16,809	756	1.35	542	70	0.12	992	408	0.73	1,234	2.20
Tennessee	110,246	4,961	1.20	4,394	567	0.14	5,417	2,226	0.54	7,754	1.87
Texas	499,200	22,464	1.60	21,527	2,777	0.20	18,110	7,443	0.53	32,684	2.33
Utah	24,018	1,081	0.78	1,184	153	0.11	1,326	545	0.39	1,779	1.28
Vermont	13,674	615	1.34	1,565	202	0.44	830	341	0.74	1,158	2.52
Virginia	143,868	6,474	1.24	10,936	1,411	0.27	6,898	2,835	0.54	10,720	2.05
Washington	110,142	4,956	1.19	12,714	1,640	0.39	7,049	2,897	0.69	9,494	2.27
West Virginia	39,334	1,770	1.18	968	125	0.08	1,462	601	0.40	2,496	1.67
Wisconsin	142,569	6,416	1.59	7,032	907	0.22	8,777	3,607	0.89	10,930	2.71
Wyoming	11,401	513	1.40	545	70	0.19	768	316	0.86	899	2.45
Northeast Region	1,046,922	47,112	1.13	110,129	14,207	0.34	69,527	28,576	0.68	89,894	2.15
Midwest Region	1,408,923	63,402	1.30	81,501	10,514	0.22	79,514	32,680	0.67	106,595	2.18
South Region	2,118,069	95,313	1.33	120,145	15,499	0.22	115,137	47,321	0.66	158,133	2.20
West Region	1,229,038	55,307	1.26	141,799	18,292	0.42	76,817	31,572	0.72	105,170	2.39
United States	5,802,952	261,133	1.26	453,575	58,511	0.28	340,995	140,149	0.68	459,793	2.23

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1994

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	88,358	3,976	1.16	4,378	565	0.17	4,464	1,835	0.54	6,376	1.87
Alaska	15,419	694	1.53	1,390	179	0.40	1,206	496	1.10	1,369	3.03
Arizona	113,461	5,106	1.52	7,487	966	0.29	5,680	2,334	0.70	8,406	2.50
Arkansas	47,057	2,118	1.06	1,983	256	0.13	2,244	922	0.46	3,296	1.65
California	590,487	26,572	1.09	89,688	11,570	0.47	40,296	16,562	0.68	54,703	2.24
Colorado	89,714	4,037	1.36	7,973	1,029	0.35	6,014	2,472	0.84	7,538	2.55
Connecticut	58,687	2,641	0.99	8,951	1,155	0.43	5,057	2,078	0.78	5,874	2.20
Delaware	18,259	822	1.43	1,672	216	0.38	1,331	547	0.95	1,584	2.76
District of Columbia	16,371	737	1.50	2,794	360	0.74	1,809	744	1.52	1,841	3.76
Florida	362,764	16,324	1.40	29,775	3,841	0.33	24,517	10,076	0.87	30,242	2.60
Georgia	147,000	6,615	1.17	9,000	1,161	0.20	10,626	4,367	0.77	12,143	2.14
Hawaii	30,640	1,379	1.46	2,772	358	0.38	1,432	589	0.62	2,325	2.47
Idaho	24,289	1,093	1.24	2,412	311	0.35	1,150	473	0.53	1,877	2.12
Illinois	277,377	12,482	1.32	24,613	3,175	0.34	15,975	6,566	0.69	22,223	2.35
Indiana	118,516	5,333	1.15	7,134	920	0.20	6,656	2,736	0.59	8,989	1.94
Iowa	66,079	2,974	1.30	1,842	238	0.10	2,462	1,012	0.44	4,223	1.84
Kansas	50,811	2,286	1.12	2,012	260	0.13	2,392	983	0.48	3,529	1.73
Kentucky	74,073	3,333	1.08	2,633	340	0.11	4,114	1,691	0.55	5,364	1.73
Louisiana	108,956	4,903	1.45	5,584	720	0.21	5,975	2,456	0.73	8,079	2.39
Maine	25,178	1,133	1.13	2,095	270	0.27	1,881	773	0.77	2,176	2.17
Maryland	97,113	4,370	1.09	8,547	1,103	0.28	7,589	3,119	0.78	8,592	2.15
Massachusetts	125,105	5,630	1.14	16,922	2,183	0.44	9,611	3,950	0.80	11,763	2.38
Michigan	207,374	9,332	1.23	12,077	1,558	0.20	12,470	5,125	0.67	16,015	2.10
Minnesota	102,637	4,619	1.27	7,082	914	0.25	7,354	3,022	0.83	8,555	2.35
Mississippi	59,968	2,699	1.28	1,375	177	0.08	3,235	1,330	0.63	4,206	2.00
Missouri	128,393	5,778	1.36	6,395	825	0.19	6,810	2,799	0.66	9,401	2.21
Montana	23,711	1,067	1.57	1,286	166	0.24	1,152	474	0.70	1,707	2.51
Nebraska	40,050	1,802	1.39	1,789	231	0.18	1,809	744	0.57	2,777	2.14
Nevada	51,333	2,310	1.93	5,260	678	0.57	4,387	1,803	1.51	4,792	4.00
New Hampshire	35,198	1,584	1.75	3,398	438	0.48	4,191	1,723	1.90	3,745	4.13
New Jersey	149,770	6,740	1.04	21,644	2,792	0.43	12,438	5,112	0.79	14,644	2.27
New Mexico	41,971	1,889	1.46	1,870	241	0.19	1,885	775	0.60	2,905	2.25
New York	324,105	14,585	0.98	39,805	5,135	0.35	21,663	8,904	0.60	28,623	1.93
North Carolina	147,309	6,629	1.14	9,515	1,227	0.21	7,692	3,161	0.54	11,018	1.89
North Dakota	15,800	711	1.39	597	77	0.15	976	401	0.78	1,189	2.32
Ohio	259,045	11,657	1.31	11,292	1,457	0.16	8,127	3,340	0.37	16,454	1.85
Oklahoma	66,504	2,993	1.15	2,543	328	0.13	3,183	1,308	0.50	4,629	1.78
Oregon	68,276	3,072	1.23	7,128	919	0.37	3,778	1,553	0.62	5,545	2.21
Pennsylvania	281,581	12,671	1.28	13,479	1,739	0.18	11,247	4,622	0.47	19,032	1.93
Rhode Island	22,541	1,014	1.23	2,462	318	0.38	1,319	542	0.66	1,874	2.27
South Carolina	90,604	4,077	1.38	3,871	499	0.17	5,310	2,183	0.74	6,759	2.29
South Dakota	17,530	789	1.38	547	71	0.12	1,012	416	0.73	1,275	2.24
Tennessee	111,033	4,996	1.18	4,874	629	0.15	5,437	2,235	0.53	7,860	1.86
Texas	510,671	22,980	1.60	21,850	2,819	0.20	17,920	7,365	0.51	33,164	2.31
Utah	24,558	1,105	0.76	1,011	130	0.09	1,354	556	0.38	1,792	1.24
Vermont	13,818	622	1.34	1,513	195	0.42	843	347	0.74	1,163	2.50
Virginia	141,893	6,385	1.20	11,062	1,427	0.27	6,650	2,733	0.51	10,545	1.99
Washington	111,982	5,039	1.18	12,980	1,674	0.39	6,774	2,784	0.65	9,498	2.23
West Virginia	39,026	1,756	1.17	943	122	0.08	1,431	588	0.39	2,466	1.64
Wisconsin	143,947	6,478	1.58	7,068	912	0.22	9,056	3,722	0.91	11,112	2.72
Wyoming	11,888	535	1.42	527	68	0.18	759	312	0.83	915	2.43
Northeast Region	1,035,983	46,619	1.11	110,270	14,225	0.34	68,250	28,051	0.67	88,895	2.12
Midwest Region	1,427,558	64,240	1.30	82,448	10,636	0.22	75,099	30,866	0.63	105,741	2.14
South Region	2,126,959	95,713	1.31	122,398	15,789	0.22	113,526	46,659	0.64	158,162	2.16
West Region	1,197,729	53,898	1.20	141,784	18,290	0.41	75,868	31,182	0.70	103,370	2.31
United States	5,788,229	260,470	1.25	456,899	58,940	0.28	332,743	136,757	0.65	456,168	2.18

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1995

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	86,991	3,915	1.14	3,886	501	0.15	4,421	1,817	0.53	6,233	1.81
Alaska	14,752	664	1.45	1,380	178	0.39	1,133	466	1.02	1,307	2.86
Arizona	114,449	5,150	1.47	7,769	1,002	0.29	5,795	2,382	0.68	8,534	2.44
Arkansas	48,540	2,184	1.08	1,805	233	0.12	2,504	1,029	0.51	3,446	1.70
California	621,827	27,982	1.14	85,826	11,072	0.45	37,991	15,614	0.64	54,668	2.23
Colorado	90,992	4,095	1.34	8,189	1,056	0.35	5,798	2,383	0.78	7,534	2.47
Connecticut	57,739	2,598	0.97	10,115	1,305	0.49	4,996	2,053	0.77	5,956	2.22
Delaware	17,004	765	1.30	1,796	232	0.40	1,317	541	0.92	1,538	2.62
District of Columbia	16,072	723	1.51	2,669	344	0.72	1,774	729	1.52	1,797	3.74
Florida	354,202	15,939	1.34	31,838	4,107	0.35	23,610	9,704	0.82	29,750	2.50
Georgia	154,592	6,957	1.20	9,996	1,289	0.22	9,992	4,107	0.71	12,353	2.13
Hawaii	29,734	1,338	1.41	2,523	326	0.34	1,316	541	0.57	2,204	2.32
Idaho	23,400	1,053	1.15	2,150	277	0.30	1,168	480	0.53	1,810	1.98
Illinois	276,297	12,433	1.30	24,411	3,149	0.33	15,312	6,293	0.66	21,876	2.29
Indiana	116,805	5,256	1.12	7,480	965	0.21	6,628	2,724	0.58	8,945	1.91
Iowa	64,823	2,917	1.26	1,936	250	0.11	2,451	1,008	0.44	4,174	1.80
Kansas	49,466	2,226	1.08	2,321	299	0.15	2,495	1,025	0.50	3,551	1.72
Kentucky	73,013	3,286	1.05	2,872	370	0.12	4,131	1,698	0.54	5,354	1.71
Louisiana	117,808	5,301	1.55	5,681	733	0.21	6,113	2,512	0.73	8,546	2.50
Maine	26,190	1,179	1.17	2,293	296	0.29	1,764	725	0.72	2,199	2.19
Maryland	95,400	4,293	1.06	8,731	1,126	0.28	7,301	3,001	0.74	8,420	2.09
Massachusetts	124,578	5,606	1.13	17,127	2,209	0.44	9,456	3,886	0.78	11,702	2.35
Michigan	205,397	9,243	1.20	11,475	1,480	0.19	12,426	5,107	0.66	15,830	2.06
Minnesota	101,798	4,581	1.24	7,339	947	0.26	7,423	3,051	0.83	8,578	2.32
Mississippi	64,624	2,908	1.36	1,453	187	0.09	3,192	1,312	0.61	4,407	2.06
Missouri	125,303	5,639	1.31	6,772	874	0.20	6,506	2,674	0.62	9,186	2.14
Montana	23,057	1,038	1.49	1,428	184	0.26	1,327	545	0.78	1,767	2.54
Nebraska	39,341	1,770	1.35	1,892	244	0.19	1,826	751	0.57	2,765	2.10
Nevada	52,520	2,363	1.87	5,683	733	0.58	4,283	1,760	1.39	4,857	3.84
New Hampshire	35,589	1,602	1.74	3,618	467	0.51	4,198	1,725	1.87	3,794	4.12
New Jersey	148,915	6,701	1.03	22,180	2,861	0.44	11,907	4,894	0.75	14,456	2.22
New Mexico	46,124	2,076	1.56	2,456	317	0.24	1,941	798	0.60	3,190	2.40
New York	323,642	14,564	0.98	44,304	5,715	0.38	20,415	8,391	0.57	28,670	1.93
North Carolina	147,366	6,631	1.12	10,185	1,314	0.22	7,624	3,133	0.53	11,079	1.86
North Dakota	15,572	701	1.35	622	80	0.16	973	400	0.77	1,181	2.28
Ohio	254,318	11,444	1.28	11,612	1,498	0.17	9,982	4,103	0.46	17,045	1.90
Oklahoma	64,241	2,891	1.10	2,406	310	0.12	2,815	1,157	0.44	4,358	1.66
Oregon	69,158	3,112	1.21	8,343	1,076	0.42	3,709	1,524	0.59	5,713	2.23
Pennsylvania	269,795	12,141	1.23	13,783	1,778	0.18	10,851	4,460	0.45	18,379	1.86
Rhode Island	21,936	987	1.19	2,412	311	0.38	1,211	498	0.60	1,796	2.17
South Carolina	91,597	4,122	1.38	4,163	537	0.18	4,895	2,012	0.67	6,671	2.23
South Dakota	17,269	777	1.34	551	71	0.12	1,036	426	0.73	1,274	2.20
Tennessee	112,236	5,051	1.18	4,890	631	0.15	5,420	2,228	0.52	7,909	1.84
Texas	507,904	22,856	1.55	21,457	2,768	0.19	17,363	7,136	0.49	32,760	2.23
Utah	24,932	1,122	0.75	1,086	140	0.09	1,355	557	0.37	1,819	1.21
Vermont	13,327	600	1.27	1,480	191	0.41	757	311	0.66	1,102	2.34
Virginia	137,229	6,175	1.15	12,004	1,549	0.29	6,404	2,632	0.49	10,356	1.93
Washington	110,516	4,973	1.14	13,503	1,742	0.40	6,668	2,741	0.63	9,456	2.17
West Virginia	38,165	1,717	1.14	1,028	133	0.09	1,382	568	0.38	2,418	1.61
Wisconsin	143,193	6,444	1.55	7,328	945	0.23	8,749	3,596	0.87	10,985	2.65
Wyoming	11,368	512	1.34	461	59	0.16	743	305	0.80	876	2.29
Northeast Region	1,021,711	45,977	1.09	117,312	15,133	0.36	65,555	26,943	0.64	88,053	2.09
Midwest Region	1,409,582	63,431	1.27	83,740	10,802	0.22	75,808	31,157	0.63	105,391	2.12
South Region	2,126,984	95,714	1.29	126,860	16,365	0.22	110,258	45,316	0.61	157,395	2.12
West Region	1,232,828	55,477	1.22	140,797	18,163	0.40	73,228	30,097	0.66	103,737	2.28
United States	5,791,105	260,600	1.23	468,709	60,463	0.29	324,848	133,513	0.63	454,576	2.15

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1996

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	90,842	4,088	1.17	4,074	526	0.15	4,493	1,847	0.53	6,460	1.86
Alaska	13,499	607	1.31	1,344	173	0.38	1,059	435	0.94	1,216	2.63
Arizona	122,595	5,517	1.52	9,271	1,196	0.33	6,417	2,637	0.73	9,350	2.58
Arkansas	50,322	2,264	1.10	1,907	246	0.12	2,643	1,086	0.53	3,597	1.75
California	609,522	27,428	1.11	94,301	12,165	0.49	38,662	15,890	0.64	55,483	2.24
Colorado	95,046	4,277	1.36	9,017	1,163	0.37	6,390	2,626	0.84	8,067	2.57
Connecticut	56,369	2,537	0.94	9,649	1,245	0.46	4,714	1,937	0.72	5,719	2.13
Delaware	18,456	831	1.39	2,085	269	0.45	1,363	560	0.94	1,660	2.78
District of Columbia	15,013	676	1.42	2,716	350	0.74	1,695	697	1.47	1,723	3.63
Florida	368,324	16,575	1.36	34,429	4,441	0.37	23,973	9,853	0.81	30,869	2.54
Georgia	161,436	7,265	1.22	10,915	1,408	0.24	10,162	4,177	0.70	12,849	2.16
Hawaii	29,874	1,344	1.40	2,690	347	0.36	1,349	555	0.58	2,246	2.34
Idaho	24,477	1,101	1.18	2,160	279	0.30	1,157	476	0.51	1,856	1.98
Illinois	271,532	12,219	1.27	26,077	3,364	0.35	15,847	6,513	0.68	22,096	2.30
Indiana	118,596	5,337	1.13	7,165	924	0.19	6,608	2,716	0.57	8,977	1.89
Iowa	66,329	2,985	1.28	2,135	275	0.12	2,532	1,041	0.45	4,301	1.85
Kansas	48,698	2,191	1.05	2,284	295	0.14	2,491	1,024	0.49	3,510	1.69
Kentucky	74,050	3,332	1.05	3,108	401	0.13	4,143	1,703	0.54	5,436	1.72
Louisiana	114,793	5,166	1.50	5,884	759	0.22	6,048	2,486	0.72	8,410	2.44
Maine	26,432	1,189	1.17	2,575	332	0.33	1,762	724	0.71	2,246	2.22
Maryland	94,717	4,262	1.05	9,174	1,183	0.29	7,346	3,019	0.74	8,465	2.08
Massachusetts	123,302	5,549	1.11	18,477	2,384	0.48	9,374	3,853	0.77	11,785	2.35
Michigan	206,990	9,315	1.20	12,977	1,674	0.22	12,595	5,177	0.67	16,165	2.08
Minnesota	104,404	4,698	1.25	7,526	971	0.26	7,553	3,104	0.83	8,773	2.34
Mississippi	66,057	2,973	1.37	1,477	191	0.09	3,254	1,337	0.62	4,500	2.08
Missouri	126,254	5,681	1.31	7,272	938	0.22	6,047	2,485	0.57	9,105	2.09
Montana	23,491	1,057	1.49	1,476	190	0.27	1,102	453	0.64	1,700	2.40
Nebraska	39,978	1,799	1.35	1,906	246	0.18	1,852	761	0.57	2,806	2.11
Nevada	56,460	2,541	1.91	6,070	783	0.59	4,516	1,856	1.39	5,180	3.89
New Hampshire	36,123	1,626	1.73	3,973	513	0.55	4,224	1,736	1.85	3,874	4.13
New Jersey	145,996	6,570	1.00	22,348	2,883	0.44	12,128	4,985	0.76	14,437	2.20
New Mexico	46,844	2,108	1.55	2,534	327	0.24	1,957	804	0.59	3,239	2.38
New York	320,410	14,418	0.97	41,862	5,400	0.36	20,725	8,518	0.57	28,337	1.90
North Carolina	154,430	6,949	1.14	11,198	1,445	0.24	7,724	3,175	0.52	11,568	1.90
North Dakota	16,222	730	1.40	523	67	0.13	977	402	0.77	1,199	2.29
Ohio	260,599	11,727	1.30	12,398	1,599	0.18	9,960	4,094	0.45	17,420	1.93
Oklahoma	64,771	2,915	1.09	2,559	330	0.12	2,883	1,185	0.45	4,430	1.66
Oregon	71,380	3,212	1.23	8,865	1,144	0.44	3,863	1,588	0.61	5,943	2.27
Pennsylvania	269,542	12,129	1.22	14,612	1,885	0.19	10,820	4,447	0.45	18,461	1.86
Rhode Island	21,448	965	1.16	2,733	353	0.42	1,325	545	0.65	1,862	2.24
South Carolina	93,873	4,224	1.39	5,047	651	0.21	5,221	2,146	0.71	7,021	2.31
South Dakota	17,789	801	1.36	604	78	0.13	972	399	0.68	1,278	2.18
Tennessee	114,468	5,151	1.18	5,158	665	0.15	5,479	2,252	0.51	8,068	1.84
Texas	519,248	23,366	1.56	25,041	3,230	0.22	17,892	7,354	0.49	33,950	2.26
Utah	26,452	1,190	0.77	1,168	151	0.10	1,405	577	0.37	1,918	1.24
Vermont	13,708	617	1.29	1,683	217	0.46	738	303	0.64	1,137	2.38
Virginia	137,318	6,179	1.13	12,510	1,614	0.30	6,435	2,645	0.49	10,438	1.92
Washington	111,326	5,010	1.13	13,813	1,782	0.40	6,780	2,787	0.63	9,578	2.16
West Virginia	38,272	1,722	1.14	1,121	145	0.10	1,367	562	0.37	2,429	1.61
Wisconsin	142,498	6,412	1.53	7,877	1,016	0.24	8,945	3,676	0.88	11,105	2.65
Wyoming	11,832	532	1.37	492	63	0.16	759	312	0.81	908	2.34
Northeast Region	1,013,330	45,600	1.08	117,912	15,211	0.36	65,810	27,048	0.64	87,858	2.07
Midwest Region	1,419,889	63,895	1.27	88,743	11,448	0.23	76,380	31,392	0.62	106,735	2.12
South Region	2,176,390	97,938	1.29	138,402	17,854	0.24	112,121	46,082	0.61	161,873	2.14
West Region	1,242,798	55,926	1.21	153,202	19,763	0.43	75,417	30,996	0.67	106,685	2.30
United States	5,852,407	263,358	1.23	498,259	64,275	0.30	329,729	135,519	0.63	463,152	2.16

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1997

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	88,807	3,996	1.14	4,057	523	0.15	4,427	1,819	0.52	6,339	1.81
Alaska	13,569	611	1.31	1,307	169	0.36	1,002	412	0.88	1,191	2.56
Arizona	121,315	5,459	1.45	9,021	1,164	0.31	6,214	2,554	0.68	9,177	2.44
Arkansas	49,949	2,248	1.08	1,908	246	0.12	2,619	1,076	0.52	3,570	1.71
California	627,850	28,253	1.12	97,352	12,558	0.50	38,152	15,680	0.62	56,492	2.24
Colorado	93,210	4,194	1.30	9,320	1,202	0.37	6,321	2,598	0.81	7,995	2.48
Connecticut	57,055	2,567	0.95	10,144	1,309	0.48	4,837	1,988	0.74	5,864	2.17
Delaware	18,439	830	1.37	2,154	278	0.46	1,453	597	0.99	1,705	2.81
District of Columbia	14,703	662	1.40	2,696	348	0.74	1,843	757	1.61	1,767	3.75
Florida	369,357	16,621	1.34	35,956	4,638	0.37	24,258	9,970	0.80	31,229	2.51
Georgia	161,788	7,280	1.19	11,692	1,508	0.25	10,382	4,267	0.70	13,056	2.14
Hawaii	29,513	1,328	1.37	2,818	364	0.37	1,310	538	0.56	2,230	2.30
Idaho	24,322	1,094	1.14	2,662	343	0.36	1,171	481	0.50	1,919	2.00
Illinois	270,769	12,185	1.26	26,321	3,395	0.35	15,353	6,310	0.65	21,890	2.26
Indiana	119,194	5,364	1.12	6,915	892	0.19	6,808	2,798	0.59	9,054	1.90
Iowa	66,493	2,992	1.28	2,143	276	0.12	2,575	1,058	0.45	4,327	1.85
Kansas	50,997	2,295	1.09	2,254	291	0.14	2,436	1,001	0.48	3,587	1.71
Kentucky	75,226	3,385	1.06	3,192	412	0.13	4,108	1,688	0.53	5,485	1.72
Louisiana	116,143	5,226	1.50	6,069	783	0.23	6,002	2,467	0.71	8,476	2.44
Maine	26,134	1,176	1.15	2,585	333	0.33	1,767	726	0.71	2,236	2.19
Maryland	95,792	4,311	1.05	9,199	1,187	0.29	7,341	3,017	0.73	8,514	2.07
Massachusetts	127,402	5,733	1.13	19,337	2,494	0.49	9,360	3,847	0.76	12,075	2.39
Michigan	202,667	9,120	1.17	13,538	1,746	0.22	12,614	5,184	0.66	16,051	2.06
Minnesota	104,045	4,682	1.23	7,832	1,010	0.27	7,701	3,165	0.83	8,857	2.33
Mississippi	66,745	3,004	1.37	1,514	195	0.09	3,238	1,331	0.61	4,530	2.07
Missouri	127,040	5,717	1.30	7,445	960	0.22	6,688	2,749	0.63	9,426	2.15
Montana	23,761	1,069	1.49	1,603	207	0.29	1,104	454	0.63	1,730	2.42
Nebraska	40,276	1,812	1.35	1,890	244	0.18	1,847	759	0.56	2,815	2.09
Nevada	57,686	2,596	1.84	6,331	817	0.58	4,459	1,833	1.30	5,245	3.72
New Hampshire	36,662	1,650	1.73	4,059	524	0.55	4,088	1,680	1.76	3,854	4.04
New Jersey	144,225	6,490	0.98	21,679	2,797	0.42	11,937	4,906	0.74	14,193	2.15
New Mexico	46,447	2,090	1.51	2,518	325	0.24	1,960	805	0.58	3,220	2.33
New York	312,992	14,085	0.94	42,931	5,538	0.37	20,614	8,472	0.57	28,095	1.87
North Carolina	158,271	7,122	1.15	10,869	1,402	0.23	7,755	3,187	0.51	11,712	1.89
North Dakota	16,280	733	1.40	519	67	0.13	985	405	0.77	1,204	2.30
Ohio	257,204	11,574	1.28	12,443	1,605	0.18	10,076	4,141	0.46	17,321	1.91
Oklahoma	65,561	2,950	1.10	2,553	329	0.12	2,812	1,156	0.43	4,435	1.65
Oregon	70,741	3,183	1.19	9,139	1,179	0.44	3,909	1,607	0.60	5,969	2.24
Pennsylvania	265,867	11,964	1.20	14,989	1,934	0.19	10,768	4,426	0.44	18,323	1.84
Rhode Island	22,599	1,017	1.22	2,865	370	0.44	1,296	533	0.64	1,919	2.30
South Carolina	96,207	4,329	1.40	4,522	583	0.19	5,344	2,196	0.71	7,109	2.30
South Dakota	17,776	800	1.36	599	77	0.13	993	408	0.69	1,285	2.18
Tennessee	114,549	5,155	1.16	5,540	715	0.16	5,424	2,229	0.50	8,099	1.82
Texas	525,261	23,637	1.54	23,979	3,093	0.20	17,672	7,263	0.47	33,993	2.22
Utah	26,707	1,202	0.76	1,285	166	0.10	1,492	613	0.39	1,981	1.25
Vermont	13,238	596	1.23	1,736	224	0.46	737	303	0.63	1,123	2.33
Virginia	138,220	6,220	1.13	12,497	1,612	0.29	6,407	2,633	0.48	10,465	1.90
Washington	112,384	5,057	1.11	14,883	1,920	0.42	6,899	2,835	0.63	9,813	2.16
West Virginia	38,145	1,717	1.14	1,112	143	0.10	1,360	559	0.37	2,419	1.60
Wisconsin	147,860	6,654	1.57	8,223	1,061	0.25	9,155	3,763	0.89	11,477	2.71
Wyoming	11,800	531	1.36	505	65	0.17	766	315	0.81	911	2.33
Northeast Region	1,006,174	45,278	1.06	120,325	15,522	0.36	65,405	26,881	0.63	87,681	2.06
Midwest Region	1,420,602	63,927	1.26	90,123	11,626	0.23	77,231	31,742	0.63	107,295	2.12
South Region	2,193,164	98,692	1.28	139,510	17,997	0.23	112,445	46,215	0.60	162,904	2.12
West Region	1,259,306	56,669	1.20	158,744	20,478	0.43	74,758	30,726	0.65	107,873	2.28
United States	5,879,245	264,566	1.22	508,702	65,623	0.30	329,839	135,564	0.62	465,752	2.14

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1998

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	91,745	4,129	1.16	4,668	602	0.17	4,441	1,825	0.51	6,556	1.85
Alaska	14,315	644	1.37	1,412	182	0.39	1,122	461	0.98	1,288	2.74
Arizona	124,001	5,580	1.44	9,520	1,228	0.32	6,393	2,628	0.68	9,436	2.44
Arkansas	51,627	2,323	1.10	1,858	240	0.11	2,622	1,078	0.51	3,641	1.73
California	630,458	28,371	1.10	90,647	11,693	0.45	38,176	15,691	0.61	55,755	2.17
Colorado	97,093	4,369	1.33	9,544	1,231	0.37	6,664	2,739	0.83	8,339	2.53
Connecticut	58,076	2,613	0.96	10,039	1,295	0.48	4,875	2,004	0.74	5,912	2.18
Delaware	18,602	837	1.36	2,253	291	0.47	1,473	605	0.98	1,733	2.82
District of Columbia	14,401	648	1.37	2,685	346	0.73	1,660	682	1.44	1,676	3.55
Florida	366,863	16,509	1.30	37,218	4,801	0.38	24,432	10,041	0.79	31,351	2.47
Georgia	167,681	7,546	1.21	11,470	1,480	0.24	10,598	4,356	0.70	13,381	2.14
Hawaii	28,602	1,287	1.32	2,797	361	0.37	1,275	524	0.54	2,172	2.22
Idaho	25,096	1,129	1.15	4,479	578	0.59	1,208	497	0.51	2,204	2.25
Illinois	276,800	12,456	1.28	25,612	3,304	0.34	15,134	6,220	0.64	21,980	2.25
Indiana	121,724	5,478	1.14	7,210	930	0.19	6,773	2,784	0.58	9,191	1.91
Iowa	68,458	3,081	1.31	2,228	287	0.12	2,649	1,089	0.46	4,457	1.90
Kansas	51,428	2,314	1.09	2,503	323	0.15	2,794	1,148	0.54	3,785	1.79
Kentucky	76,272	3,432	1.07	3,213	414	0.13	4,143	1,703	0.53	5,549	1.72
Louisiana	116,816	5,257	1.50	6,184	798	0.23	5,980	2,458	0.70	8,512	2.43
Maine	26,046	1,172	1.14	2,718	351	0.34	1,701	699	0.68	2,222	2.16
Maryland	96,852	4,358	1.05	9,584	1,236	0.30	7,393	3,038	0.73	8,633	2.08
Massachusetts	129,459	5,826	1.14	19,556	2,523	0.50	9,313	3,828	0.75	12,176	2.39
Michigan	208,797	9,396	1.20	13,660	1,762	0.22	13,210	5,429	0.69	16,587	2.12
Minnesota	98,594	4,437	1.16	8,002	1,032	0.27	7,857	3,229	0.84	8,698	2.27
Mississippi	68,686	3,091	1.40	1,546	199	0.09	3,203	1,316	0.59	4,607	2.08
Missouri	130,325	5,865	1.33	7,809	1,007	0.23	6,763	2,780	0.63	9,652	2.18
Montana	24,093	1,084	1.51	1,579	204	0.28	1,133	466	0.65	1,753	2.44
Nebraska	41,857	1,884	1.39	1,926	248	0.18	1,923	790	0.58	2,922	2.16
Nevada	59,159	2,662	1.80	6,703	865	0.58	4,444	1,826	1.23	5,353	3.62
New Hampshire	36,896	1,660	1.72	4,043	522	0.54	4,061	1,669	1.73	3,851	3.98
New Jersey	144,840	6,518	0.98	23,567	3,040	0.46	11,149	4,582	0.69	14,140	2.12
New Mexico	46,353	2,086	1.49	2,591	334	0.24	1,983	815	0.58	3,235	2.31
New York	318,562	14,335	0.95	43,950	5,670	0.38	18,841	7,744	0.51	27,749	1.84
North Carolina	158,927	7,152	1.13	11,324	1,461	0.23	7,759	3,189	0.50	11,802	1.87
North Dakota	16,899	760	1.45	538	69	0.13	971	399	0.76	1,229	2.35
Ohio	265,079	11,929	1.31	13,022	1,680	0.19	10,442	4,292	0.47	17,900	1.97
Oklahoma	67,617	3,043	1.12	2,610	337	0.12	2,869	1,179	0.43	4,559	1.68
Oregon	72,528	3,264	1.20	9,052	1,168	0.43	4,047	1,663	0.61	6,095	2.25
Pennsylvania	269,034	12,107	1.21	14,946	1,928	0.19	11,036	4,536	0.45	18,570	1.86
Rhode Island	21,330	960	1.14	3,066	396	0.47	1,292	531	0.63	1,886	2.24
South Carolina	99,267	4,467	1.42	5,008	646	0.21	5,530	2,273	0.72	7,386	2.35
South Dakota	18,655	839	1.42	613	79	0.13	984	405	0.68	1,323	2.24
Tennessee	119,222	5,365	1.19	5,279	681	0.15	5,432	2,232	0.50	8,278	1.84
Texas	531,579	23,921	1.53	27,455	3,542	0.23	18,879	7,759	0.49	35,222	2.25
Utah	26,418	1,189	0.73	1,224	158	0.10	1,472	605	0.37	1,952	1.20
Vermont	13,515	608	1.25	1,786	230	0.47	736	302	0.62	1,141	2.34
Virginia	145,634	6,554	1.18	12,382	1,597	0.29	6,428	2,642	0.47	10,793	1.94
Washington	114,627	5,158	1.12	15,398	1,986	0.43	7,075	2,908	0.63	10,053	2.18
West Virginia	39,246	1,766	1.17	1,111	143	0.10	1,333	548	0.36	2,457	1.63
Wisconsin	152,275	6,852	1.61	8,481	1,094	0.26	8,141	3,346	0.79	11,292	2.65
Wyoming	12,063	543	1.38	619	80	0.20	775	319	0.81	941	2.40
Northeast Region	1,017,758	45,799	1.07	123,671	15,954	0.37	63,005	25,895	0.60	87,648	2.04
Midwest Region	1,450,891	65,290	1.28	91,605	11,817	0.23	77,640	31,910	0.63	109,017	2.14
South Region	2,231,037	100,397	1.28	145,849	18,815	0.24	114,173	46,925	0.60	166,136	2.12
West Region	1,274,807	57,366	1.19	155,566	20,068	0.42	75,769	31,141	0.65	108,575	2.25
United States	5,974,492	268,852	1.22	516,691	66,653	0.30	330,587	135,871	0.62	471,377	2.14

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

1999

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	93,828	4,222	1.18	4,694	605	0.17	4,449	1,829	0.51	6,656	1.87
Alaska	15,334	690	1.45	1,463	189	0.40	1,138	468	0.98	1,346	2.82
Arizona	130,093	5,854	1.47	10,619	1,370	0.34	6,683	2,747	0.69	9,971	2.51
Arkansas	51,627	2,323	1.09	1,996	257	0.12	2,783	1,144	0.54	3,725	1.75
California	638,017	28,711	1.10	94,262	12,160	0.46	39,718	16,324	0.62	57,195	2.18
Colorado	100,219	4,510	1.33	9,778	1,261	0.37	6,164	2,533	0.75	8,305	2.45
Connecticut	57,183	2,573	0.94	10,421	1,344	0.49	4,952	2,035	0.75	5,953	2.18
Delaware	19,379	872	1.40	2,312	298	0.48	1,561	641	1.03	1,812	2.90
District of Columbia	14,491	652	1.37	2,707	349	0.73	1,572	646	1.35	1,647	3.45
Florida	383,187	17,243	1.33	39,783	5,132	0.40	25,299	10,398	0.80	32,773	2.53
Georgia	174,292	7,843	1.23	13,544	1,747	0.27	10,777	4,429	0.69	14,019	2.20
Hawaii	28,405	1,278	1.31	2,975	384	0.39	1,338	550	0.56	2,212	2.26
Idaho	25,885	1,165	1.17	5,230	675	0.68	1,255	516	0.52	2,355	2.36
Illinois	281,042	12,647	1.29	24,834	3,204	0.33	15,782	6,486	0.66	22,337	2.27
Indiana	124,425	5,599	1.16	7,276	939	0.19	6,894	2,833	0.59	9,371	1.94
Iowa	70,297	3,163	1.34	2,309	298	0.13	2,774	1,140	0.48	4,601	1.95
Kansas	53,926	2,427	1.14	2,725	352	0.16	2,790	1,147	0.54	3,925	1.84
Kentucky	77,257	3,477	1.07	3,398	438	0.13	4,250	1,747	0.54	5,662	1.74
Louisiana	120,389	5,418	1.54	6,438	830	0.24	5,913	2,430	0.69	8,678	2.46
Maine	26,745	1,204	1.16	2,984	385	0.37	1,847	759	0.73	2,348	2.26
Maryland	97,210	4,374	1.04	9,880	1,275	0.30	7,522	3,092	0.74	8,740	2.08
Massachusetts	124,764	5,614	1.09	20,194	2,605	0.51	9,905	4,071	0.79	12,290	2.39
Michigan	208,268	9,372	1.19	14,582	1,881	0.24	13,069	5,371	0.68	16,625	2.11
Minnesota	106,645	4,799	1.23	8,083	1,043	0.27	8,143	3,347	0.86	9,189	2.36
Mississippi	71,842	3,233	1.45	1,656	214	0.10	3,295	1,354	0.61	4,801	2.15
Missouri	133,462	6,006	1.35	7,933	1,023	0.23	7,136	2,933	0.66	9,962	2.23
Montana	25,067	1,128	1.56	1,656	214	0.29	1,183	486	0.67	1,828	2.52
Nebraska	43,009	1,935	1.42	1,786	230	0.17	1,979	813	0.60	2,979	2.19
Nevada	62,261	2,802	1.82	7,507	968	0.63	4,853	1,995	1.29	5,765	3.74
New Hampshire	38,265	1,722	1.75	4,231	546	0.56	4,076	1,675	1.70	3,943	4.01
New Jersey	144,382	6,497	0.97	24,204	3,122	0.46	11,671	4,797	0.71	14,416	2.14
New Mexico	48,023	2,161	1.53	2,727	352	0.25	2,035	836	0.59	3,349	2.36
New York	314,368	14,147	0.93	43,254	5,580	0.37	20,585	8,460	0.56	28,187	1.85
North Carolina	165,398	7,443	1.16	11,717	1,512	0.24	7,997	3,287	0.51	12,241	1.90
North Dakota	17,338	780	1.49	598	77	0.15	989	406	0.78	1,264	2.42
Ohio	266,374	11,987	1.32	14,432	1,862	0.20	10,594	4,354	0.48	18,203	2.00
Oklahoma	68,060	3,063	1.11	2,656	343	0.12	2,964	1,218	0.44	4,624	1.68
Oregon	73,905	3,326	1.21	9,205	1,187	0.43	4,199	1,726	0.63	6,239	2.27
Pennsylvania	267,927	12,057	1.20	15,914	2,053	0.21	11,225	4,614	0.46	18,723	1.87
Rhode Island	21,501	968	1.14	2,984	385	0.45	1,420	584	0.69	1,936	2.28
South Carolina	101,782	4,580	1.43	5,483	707	0.22	5,602	2,302	0.72	7,590	2.38
South Dakota	18,955	853	1.43	641	83	0.14	1,019	419	0.70	1,354	2.27
Tennessee	122,535	5,514	1.21	5,417	699	0.15	5,486	2,255	0.49	8,468	1.86
Texas	546,353	24,586	1.54	25,386	3,275	0.20	19,018	7,816	0.49	35,677	2.23
Utah	29,072	1,308	0.79	1,313	169	0.10	1,526	627	0.38	2,105	1.27
Vermont	13,496	607	1.23	1,788	231	0.47	746	306	0.62	1,144	2.32
Virginia	147,953	6,658	1.18	13,876	1,790	0.32	6,469	2,659	0.47	11,107	1.96
Washington	114,135	5,136	1.10	14,532	1,875	0.40	7,181	2,951	0.63	9,962	2.13
West Virginia	39,547	1,780	1.18	1,151	148	0.10	1,373	564	0.37	2,492	1.66
Wisconsin	146,162	6,577	1.53	8,709	1,123	0.26	9,644	3,964	0.92	11,664	2.72
Wyoming	12,423	559	1.41	538	69	0.18	810	333	0.84	961	2.43
Northeast Region	1,008,631	45,388	1.05	125,975	16,251	0.38	66,428	27,302	0.63	88,941	2.06
Midwest Region	1,469,903	66,146	1.29	93,908	12,114	0.24	80,812	33,214	0.65	111,474	2.17
South Region	2,295,129	103,281	1.30	152,093	19,620	0.25	116,329	47,811	0.60	170,712	2.15
West Region	1,302,839	58,628	1.19	161,804	20,873	0.42	78,083	32,092	0.65	111,593	2.27
United States	6,076,501	273,443	1.23	533,780	68,858	0.31	341,653	140,419	0.63	482,720	2.16

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

Table 3. Apparent alcohol consumption for individual years, by geographic area, 1970–2000. (Continued)

2000

Geographic area	Beer			Wine			Spirits			All beverages	
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita
Alabama	94,530	4,254	1.19	4,934	636	0.18	4,485	1,843	0.51	6,734	1.88
Alaska	14,373	647	1.35	1,379	178	0.37	1,076	442	0.92	1,267	2.63
Arizona	134,336	6,045	1.48	9,869	1,273	0.31	7,055	2,900	0.71	10,218	2.50
Arkansas	52,053	2,342	1.09	1,993	257	0.12	2,796	1,149	0.53	3,749	1.74
California	637,080	28,669	1.07	99,930	12,891	0.48	41,327	16,985	0.64	58,545	2.19
Colorado	103,734	4,668	1.35	9,845	1,270	0.37	7,503	3,084	0.89	9,022	2.60
Connecticut	57,491	2,587	0.94	10,521	1,357	0.49	4,959	2,038	0.74	5,982	2.18
Delaware	19,156	862	1.36	2,382	307	0.48	1,622	667	1.05	1,836	2.89
District of Columbia	14,428	649	1.35	2,597	335	0.70	1,724	709	1.48	1,693	3.53
Florida	388,796	17,496	1.32	41,383	5,338	0.40	26,422	10,860	0.82	33,694	2.55
Georgia	177,061	7,968	1.22	12,902	1,664	0.26	10,999	4,520	0.69	14,153	2.17
Hawaii	29,065	1,308	1.33	3,002	387	0.39	1,434	589	0.60	2,285	2.33
Idaho	26,257	1,182	1.16	5,142	663	0.65	1,253	515	0.51	2,360	2.32
Illinois	282,189	12,698	1.28	24,663	3,182	0.32	15,281	6,281	0.63	22,161	2.24
Indiana	125,490	5,647	1.16	7,738	998	0.21	7,261	2,984	0.61	9,629	1.98
Iowa	71,323	3,210	1.35	2,353	304	0.13	2,863	1,177	0.50	4,690	1.98
Kansas	54,832	2,467	1.15	2,516	325	0.15	2,692	1,106	0.52	3,898	1.82
Kentucky	78,055	3,512	1.07	3,460	446	0.14	4,278	1,758	0.54	5,717	1.74
Louisiana	117,937	5,307	1.50	6,159	794	0.22	6,043	2,484	0.70	8,585	2.43
Maine	27,370	1,232	1.17	3,179	410	0.39	1,861	765	0.73	2,406	2.29
Maryland	97,754	4,399	1.04	10,009	1,291	0.30	7,735	3,179	0.75	8,869	2.09
Massachusetts	133,990	6,030	1.16	20,635	2,662	0.51	11,031	4,534	0.87	13,225	2.55
Michigan	209,608	9,432	1.19	14,757	1,904	0.24	13,360	5,491	0.69	16,827	2.12
Minnesota	108,478	4,882	1.24	7,918	1,021	0.26	8,359	3,435	0.87	9,338	2.27
Mississippi	71,823	3,232	1.44	1,657	214	0.09	3,273	1,345	0.60	4,791	2.13
Missouri	135,246	6,086	1.35	8,144	1,051	0.23	7,302	3,001	0.67	10,138	2.25
Montana	25,257	1,137	1.55	1,671	216	0.29	1,213	499	0.68	1,851	2.53
Nebraska	43,943	1,977	1.44	1,791	231	0.17	2,061	847	0.62	3,055	2.23
Nevada	64,055	2,882	1.79	7,745	999	0.62	4,913	2,019	1.26	5,901	3.67
New Hampshire	39,001	1,755	1.75	4,373	564	0.56	4,107	1,688	1.69	4,007	4.00
New Jersey	144,883	6,520	0.96	24,472	3,157	0.47	12,681	5,212	0.77	14,888	2.19
New Mexico	48,624	2,188	1.53	2,771	357	0.25	2,113	868	0.61	3,414	2.38
New York	313,158	14,092	0.92	44,840	5,784	0.38	21,657	8,901	0.58	28,777	1.88
North Carolina	173,293	7,798	1.19	11,486	1,482	0.23	8,204	3,372	0.52	12,651	1.94
North Dakota	17,018	766	1.47	591	76	0.15	1,003	412	0.79	1,254	2.40
Ohio	263,287	11,848	1.30	13,693	1,766	0.19	11,091	4,558	0.50	18,173	1.99
Oklahoma	69,346	3,121	1.13	2,672	345	0.12	2,998	1,232	0.44	4,698	1.69
Oregon	74,313	3,344	1.20	9,409	1,214	0.44	4,309	1,771	0.64	6,329	2.28
Pennsylvania	270,006	12,150	1.21	16,553	2,135	0.21	11,576	4,758	0.47	19,043	1.90
Rhode Island	21,988	989	1.15	3,033	391	0.46	1,461	600	0.70	1,981	2.31
South Carolina	104,116	4,685	1.45	5,611	724	0.22	5,545	2,279	0.70	7,688	2.37
South Dakota	19,349	871	1.44	680	88	0.15	996	409	0.68	1,368	2.27
Tennessee	124,041	5,582	1.21	5,290	682	0.15	5,644	2,320	0.50	8,584	1.86
Texas	556,051	25,022	1.53	27,653	3,567	0.22	19,897	8,178	0.50	36,767	2.25
Utah	28,797	1,296	0.77	1,416	183	0.11	1,629	669	0.40	2,148	1.27
Vermont	13,656	615	1.23	1,824	235	0.47	767	315	0.63	1,165	2.34
Virginia	148,362	6,676	1.16	14,010	1,807	0.31	6,925	2,846	0.50	11,330	1.97
Washington	115,148	5,182	1.09	15,125	1,951	0.41	7,599	3,123	0.66	10,256	2.16
West Virginia	39,513	1,778	1.18	1,135	146	0.10	1,297	533	0.35	2,457	1.64
Wisconsin	147,700	6,647	1.54	9,085	1,172	0.27	10,032	4,123	0.95	11,941	2.76
Wyoming	12,595	567	1.42	547	71	0.18	837	344	0.86	981	2.46
Northeast Region	1,021,543	45,969	1.06	129,429	16,696	0.38	70,098	28,810	0.66	91,476	2.10
Midwest Region	1,478,463	66,531	1.29	93,929	12,117	0.23	82,299	33,825	0.66	112,472	2.18
South Region	2,326,316	104,684	1.30	155,332	20,038	0.25	119,889	49,274	0.61	173,996	2.16
West Region	1,313,635	59,114	1.18	167,851	21,653	0.43	82,262	33,810	0.67	114,576	2.29
United States	6,139,957	276,298	1.22	546,540	70,504	0.31	354,548	145,719	0.65	492,521	2.18

NOTE: Volume and ethanol in 1,000s of gallons, per capita consumption in gallons of ethanol based on population age 14 years and older.

CHAPTER 2

STATE-LEVEL APPARENT CONSUMPTION OF ALCOHOLIC BEVERAGES

This chapter of the manual presents a table with accompanying figures that on a State-by-State basis report apparent consumption of beer, wine, spirits, and all alcoholic beverages for the period 1970 through 2000. The data are based on a drinking age population of 14 years and older.

There are a few items to be noted about the table and figures in this chapter. First of all, the table presents the years in reverse order. Also, the scale used to plot consumption may vary from figure to figure, based on the range of annual per capita consumption values for the State. The reader also should note that Table 4 ranks the States and the District of Columbia in 10 groups (deciles) based on high-to-low distributions of total per capita ethanol consumption. Placement in the first decile indicates that the State ranks among the top 10 percent of States in total per capita ethanol consumption, placement in the second decile indicates the top 20 percent, and so on.

The reader should be cautioned that this manual is intended to supersede earlier AEDS manuals and publications, and therefore some volume and per capita figures have been updated (see Table B-1 for details).

Two other cautions are necessary in using these data. First, military sales may or may not be included in the volume figures reported in each of the State tables. This is due to the following factors: (1) in some States military sales of beverages are a tax-free or reduced tax transaction, (2) State reports that reflect only excise tax collections may not include military sales at all or may not accurately represent the magnitude of such sales, and (3) beverage industry publications do not separately summarize military sales. Second, as noted in Appendix B, some data are representative of shipments rather than sales or tax collections. As shipment data may not accurately reflect whether the beverages actually were consumed during that time period, the time delay factors mentioned in Appendix B should be considered as a limitation of that type of data.

Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000.

Alabama

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.19	7	0.18	8	0.51	8	1.88	9
1999	1.18	7	0.17	8	0.51	8	1.87	9
1998	1.16	7	0.17	8	0.51	8	1.85	9
1997	1.14	7	0.15	8	0.52	8	1.81	9
1996	1.17	7	0.15	8	0.53	8	1.86	9
1995	1.14	8	0.15	9	0.53	8	1.81	9
1994	1.16	8	0.17	8	0.54	8	1.87	9
1993	1.14	9	0.17	8	0.56	8	1.86	9
1992	1.02	10	0.19	8	0.59	8	1.79	10
1991	1.00	10	0.17	8	0.59	8	1.76	10
1990	1.12	10	0.18	8	0.61	8	1.92	9
1989	1.10	9	0.17	9	0.60	8	1.87	9
1988	1.10	10	0.18	9	0.61	8	1.89	9
1987	1.10	10	0.18	9	0.61	8	1.89	9
1986	1.09	10	0.18	9	0.64	8	1.90	9
1985	1.06	10	0.17	9	0.67	9	1.90	9
1984	1.02	10	0.19	8	0.69	9	1.90	10
1983	1.01	10	0.17	9	0.71	9	1.89	10
1982	1.00	10	0.18	9	0.72	9	1.89	10
1981	1.00	10	0.19	8	0.73	9	1.92	10
1980	0.96	10	0.16	9	0.74	8	1.86	10
1979	0.98	10	0.12	9	0.84	8	1.94	10
1978	0.98	10	0.12	9	0.88	8	1.97	9
1977	0.99	10	0.13	9	0.84	7	1.96	9
1976	0.89	10	0.15	8	0.86	8	1.89	10
1975	0.88	10	0.16	8	0.85	8	1.88	10
1974	0.83	10	0.16	8	0.81	8	1.80	10
1973	0.79	10	0.10	10	0.79	8	1.69	10
1972	0.74	10	0.09	10	0.78	8	1.61	10
1971	0.66	10	0.09	10	0.76	9	1.52	10
1970	0.60	10	0.09	9	0.70	9	1.38	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

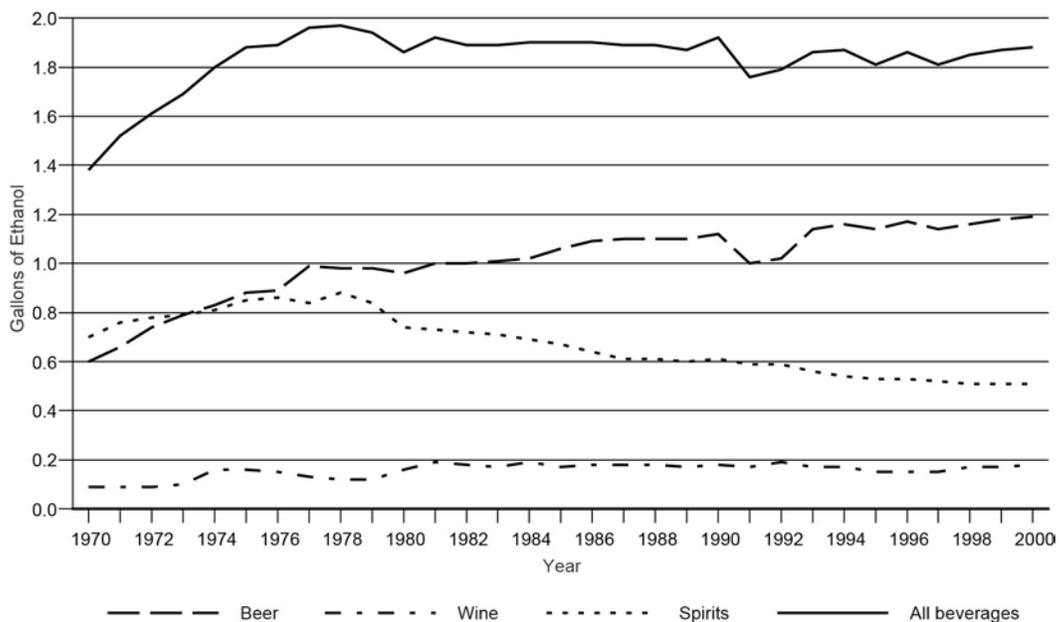


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Alaska

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.35	4	0.37	4	0.92	2	2.63	2
1999	1.45	2	0.40	3	0.98	1	2.82	1
1998	1.37	3	0.39	3	0.98	1	2.74	1
1997	1.31	4	0.36	4	0.88	2	2.56	2
1996	1.31	4	0.38	3	0.94	1	2.63	2
1995	1.45	2	0.39	3	1.02	1	2.86	1
1994	1.53	2	0.40	2	1.10	1	3.03	1
1993	1.31	5	0.32	4	0.92	1	2.55	2
1992	1.53	3	0.41	3	1.08	1	3.02	1
1991	1.54	2	0.43	2	1.14	1	3.11	1
1990	1.62	2	0.46	2	1.25	1	3.33	1
1989	1.57	2	0.46	3	1.24	1	3.27	1
1988	1.60	2	0.49	3	1.23	1	3.32	1
1987	1.64	1	0.54	2	1.29	1	3.46	1
1986	1.68	1	0.56	2	1.27	1	3.51	1
1985	1.68	1	0.58	1	1.53	1	3.78	1
1984	1.73	1	0.58	1	1.56	1	3.86	1
1983	1.76	2	0.61	1	1.70	1	4.06	1
1982	1.75	2	0.56	1	1.74	1	4.05	1
1981	1.71	2	0.57	1	1.82	1	4.10	1
1980	1.55	3	0.50	2	1.70	1	3.76	1
1979	1.50	3	0.47	2	1.65	1	3.62	1
1978	1.39	4	0.45	3	1.68	1	3.52	2
1977	1.19	7	0.42	2	1.70	1	3.31	2
1976	1.48	3	0.49	2	2.06	1	4.03	1
1975	1.49	2	0.47	2	2.17	1	4.13	1
1974	1.41	2	0.47	2	1.98	1	3.86	1
1973	1.26	5	0.43	2	1.87	1	3.55	1
1972	1.22	5	0.41	2	1.87	1	3.50	1
1971	1.33	3	0.43	2	2.15	1	3.91	1
1970	1.18	5	0.37	2	2.07	1	3.62	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

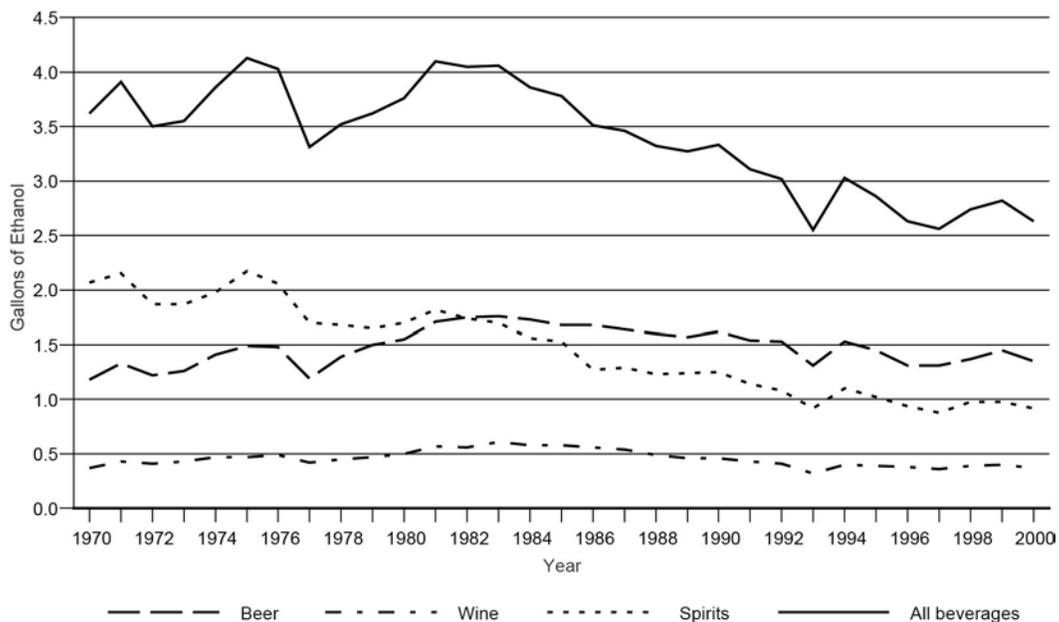


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Arizona

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.48	2	0.31	5	0.71	4	2.50	3
1999	1.47	2	0.34	4	0.69	4	2.51	2
1998	1.44	2	0.32	5	0.68	5	2.44	2
1997	1.45	2	0.31	5	0.68	5	2.44	2
1996	1.52	2	0.33	4	0.73	3	2.58	2
1995	1.47	2	0.29	5	0.68	5	2.44	3
1994	1.52	2	0.29	4	0.70	5	2.50	2
1993	1.58	1	0.27	5	0.76	4	2.62	2
1992	1.58	2	0.31	4	0.80	4	2.69	2
1991	1.58	2	0.35	4	0.78	4	2.71	2
1990	1.59	2	0.37	4	0.80	5	2.77	3
1989	1.68	1	0.36	4	0.85	4	2.89	2
1988	1.64	1	0.42	3	0.88	4	2.94	2
1987	1.67	1	0.46	3	0.86	5	2.99	2
1986	1.77	1	0.46	3	0.91	5	3.14	2
1985	1.67	2	0.46	3	1.00	4	3.12	2
1984	1.57	2	0.45	3	1.06	3	3.08	3
1983	1.62	2	0.44	4	1.00	6	3.06	3
1982	1.74	2	0.40	4	0.99	6	3.13	3
1981	1.78	2	0.42	4	1.01	6	3.22	3
1980	1.69	2	0.36	4	0.98	6	3.03	4
1979	1.86	1	0.39	4	1.17	4	3.42	2
1978	1.77	2	0.37	4	1.10	5	3.25	2
1977	1.70	2	0.34	4	1.05	6	3.10	3
1976	1.67	2	0.39	3	1.12	5	3.17	3
1975	1.63	2	0.36	3	1.08	6	3.06	3
1974	1.63	2	0.33	3	1.09	5	3.06	3
1973	1.57	1	0.34	4	1.09	5	3.00	3
1972	1.49	2	0.34	4	1.07	5	2.91	3
1971	1.38	2	0.35	4	1.08	5	2.82	4
1970	1.37	2	0.32	3	1.05	5	2.73	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

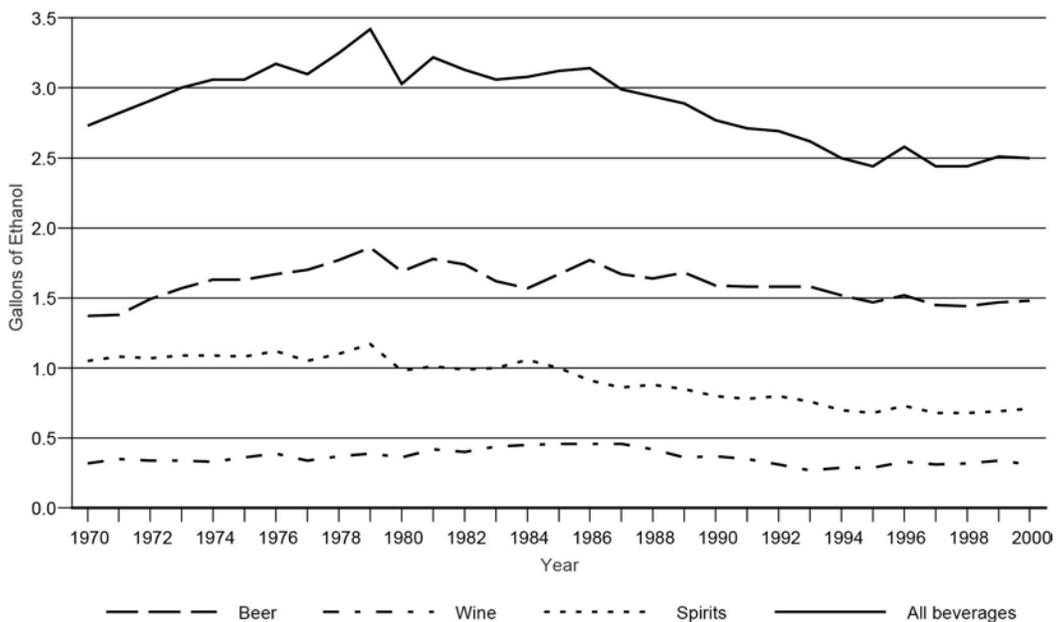


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Arkansas

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.09	9	0.12	10	0.53	8	1.74	10
1999	1.09	9	0.12	10	0.54	8	1.75	10
1998	1.10	9	0.11	10	0.51	8	1.73	10
1997	1.08	9	0.12	10	0.52	8	1.71	10
1996	1.10	9	0.12	10	0.53	8	1.75	9
1995	1.08	9	0.12	10	0.51	9	1.70	10
1994	1.06	10	0.13	9	0.46	10	1.65	10
1993	1.10	9	0.11	9	0.58	8	1.79	9
1992	1.13	9	0.12	10	0.65	7	1.90	9
1991	1.12	9	0.11	10	0.58	8	1.81	9
1990	1.12	9	0.13	10	0.61	8	1.86	9
1989	1.08	10	0.13	10	0.57	9	1.78	9
1988	1.07	10	0.14	10	0.53	9	1.74	10
1987	1.08	10	0.11	10	0.53	10	1.71	10
1986	1.06	10	0.09	10	0.48	10	1.63	10
1985	1.03	10	0.13	10	0.58	10	1.75	10
1984	1.02	10	0.12	10	0.64	9	1.78	10
1983	1.03	10	0.13	10	0.63	10	1.78	10
1982	1.03	10	0.12	10	0.63	10	1.78	10
1981	1.06	10	0.12	10	0.68	10	1.87	10
1980	1.00	10	0.12	9	0.69	10	1.81	10
1979	0.93	10	0.10	10	0.57	10	1.60	10
1978	0.97	10	0.11	9	0.73	10	1.82	10
1977	0.92	10	0.10	9	0.63	10	1.65	10
1976	0.86	10	0.13	9	0.67	10	1.66	10
1975	0.89	10	0.12	9	0.63	10	1.64	10
1974	0.89	10	0.13	9	0.65	10	1.66	10
1973	0.82	10	0.13	9	0.61	10	1.56	10
1972	0.77	10	0.13	9	0.57	10	1.47	10
1971	0.77	10	0.14	8	0.56	10	1.47	10
1970	0.71	10	0.13	7	0.59	10	1.43	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

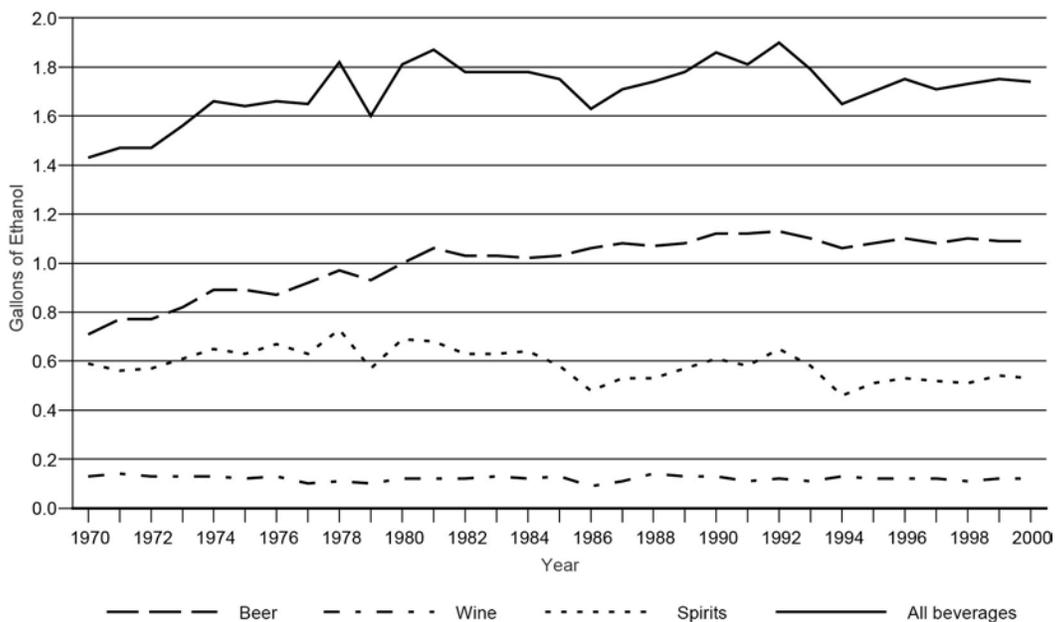


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

California

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.07	9	0.48	2	0.64	6	2.19	6
1999	1.10	9	0.46	2	0.62	6	2.18	6
1998	1.10	9	0.45	3	0.61	6	2.17	6
1997	1.12	8	0.50	1	0.62	6	2.24	5
1996	1.11	8	0.49	1	0.64	5	2.24	5
1995	1.14	7	0.45	1	0.64	6	2.23	4
1994	1.09	9	0.47	1	0.68	5	2.24	5
1993	1.17	8	0.48	1	0.69	6	2.35	4
1992	1.28	6	0.51	1	0.75	5	2.54	3
1991	1.22	7	0.49	1	0.75	5	2.46	4
1990	1.32	6	0.59	1	0.87	4	2.78	2
1989	1.31	5	0.61	1	0.87	4	2.79	2
1988	1.34	5	0.68	1	0.89	4	2.90	2
1987	1.36	5	0.74	1	0.93	4	3.03	2
1986	1.36	5	0.79	1	0.96	3	3.11	2
1985	1.32	6	0.78	1	1.02	4	3.12	2
1984	1.38	5	0.74	1	1.07	3	3.19	1
1983	1.37	6	0.75	1	1.11	3	3.23	2
1982	1.37	6	0.72	1	1.14	3	3.23	3
1981	1.43	5	0.72	1	1.21	3	3.36	2
1980	1.42	5	0.71	1	1.25	3	3.38	2
1979	1.42	5	0.70	1	1.28	3	3.40	2
1978	1.36	6	0.68	1	1.32	3	3.36	2
1977	1.31	6	0.67	1	1.28	2	3.25	2
1976	1.32	5	0.70	1	1.34	2	3.36	2
1975	1.27	6	0.70	1	1.36	3	3.33	2
1974	1.30	5	0.68	1	1.35	3	3.33	2
1973	1.19	6	0.68	1	1.34	3	3.21	2
1972	1.17	6	0.66	1	1.33	3	3.16	2
1971	1.13	7	0.68	1	1.38	3	3.19	2
1970	1.10	7	0.63	1	1.37	3	3.11	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

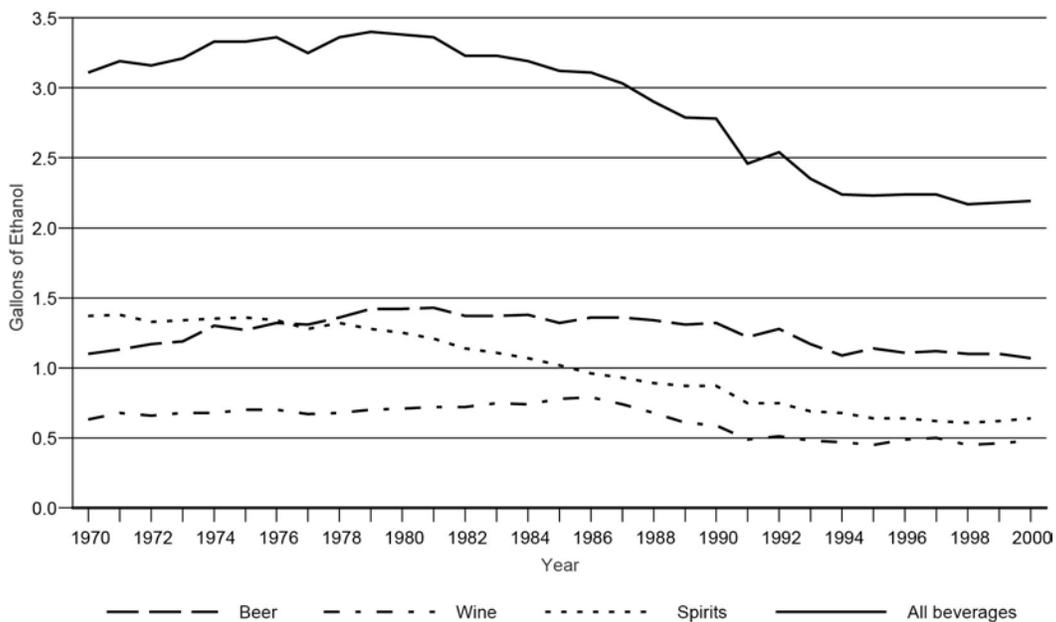


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Colorado

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.35	4	0.37	4	0.89	2	2.60	2
1999	1.33	4	0.37	4	0.75	3	2.45	3
1998	1.33	4	0.37	4	0.83	2	2.53	2
1997	1.30	4	0.37	3	0.81	2	2.48	2
1996	1.36	4	0.37	3	0.84	2	2.57	2
1995	1.34	4	0.35	3	0.78	3	2.47	2
1994	1.36	4	0.35	4	0.84	2	2.55	2
1993	1.40	3	0.36	3	0.86	2	2.63	2
1992	1.34	5	0.36	4	0.81	3	2.52	3
1991	1.39	4	0.35	3	0.87	2	2.61	3
1990	1.35	5	0.29	5	0.75	6	2.39	6
1989	1.40	3	0.37	4	0.84	5	2.60	3
1988	1.42	3	0.39	4	0.91	3	2.72	3
1987	1.43	3	0.44	3	0.93	4	2.80	3
1986	1.47	3	0.46	3	0.94	3	2.87	3
1985	1.47	3	0.50	3	1.18	2	3.15	2
1984	1.51	3	0.46	3	1.12	3	3.09	2
1983	1.57	3	0.46	3	1.12	3	3.15	3
1982	1.64	3	0.46	3	1.18	3	3.28	2
1981	1.63	3	0.44	3	1.26	2	3.33	2
1980	1.57	2	0.47	3	1.31	2	3.35	2
1979	1.68	2	0.47	2	1.37	2	3.52	2
1978	1.64	2	0.47	2	1.43	2	3.54	1
1977	1.43	3	0.36	3	1.22	4	3.01	3
1976	1.46	3	0.46	2	1.37	2	3.29	2
1975	1.43	3	0.42	3	1.39	2	3.24	2
1974	1.42	2	0.39	3	1.37	2	3.19	2
1973	1.34	3	0.39	3	1.32	3	3.05	2
1972	1.28	3	0.37	3	1.28	3	2.93	3
1971	1.21	5	0.38	3	1.33	3	2.92	3
1970	1.18	5	0.31	3	1.26	3	2.75	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

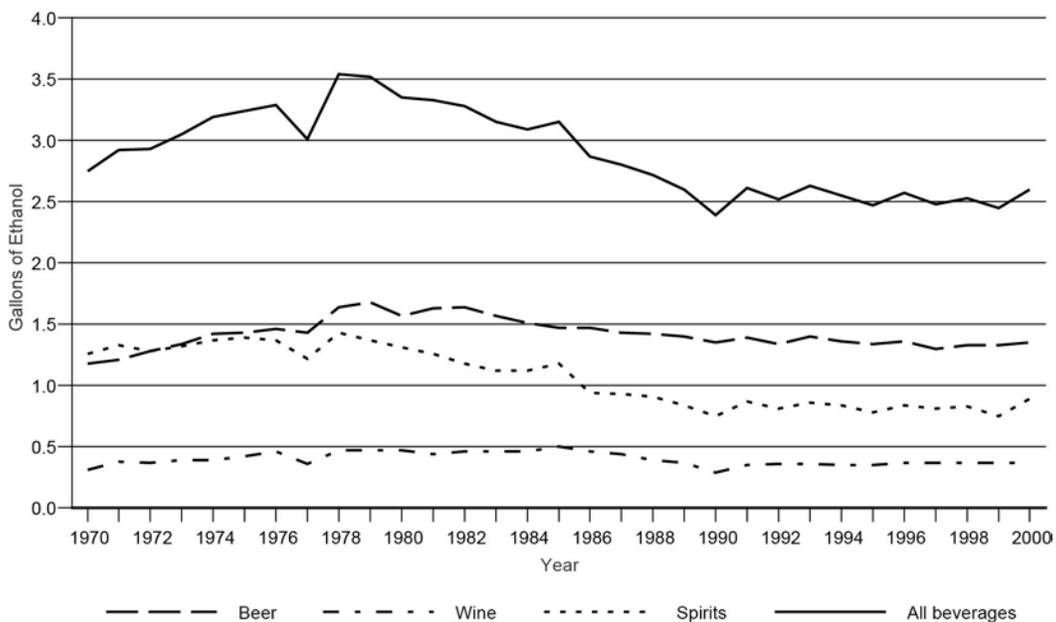


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Connecticut

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	0.94	10	0.49	2	0.74	3	2.18	6
1999	0.94	10	0.49	2	0.75	3	2.18	6
1998	0.96	10	0.48	2	0.74	3	2.18	6
1997	0.95	10	0.48	2	0.74	3	2.17	6
1996	0.94	10	0.46	2	0.72	4	2.13	6
1995	0.97	10	0.49	1	0.77	3	2.22	5
1994	0.99	10	0.43	2	0.78	3	2.20	6
1993	0.96	10	0.44	1	0.80	3	2.20	6
1992	1.01	10	0.45	2	0.83	3	2.30	6
1991	1.03	10	0.43	3	0.84	3	2.29	6
1990	1.09	10	0.45	2	0.92	3	2.46	6
1989	1.09	10	0.47	2	0.98	2	2.54	4
1988	1.14	9	0.51	2	1.07	2	2.71	3
1987	1.15	9	0.52	2	1.12	2	2.79	3
1986	1.13	9	0.51	3	1.15	2	2.79	3
1985	1.14	9	0.50	3	1.20	2	2.84	4
1984	1.10	9	0.50	3	1.20	2	2.80	4
1983	1.10	9	0.49	3	1.23	2	2.82	4
1982	1.04	10	0.49	3	1.20	2	2.73	6
1981	1.05	10	0.44	3	1.18	3	2.67	6
1980	1.06	10	0.43	3	1.21	3	2.70	6
1979	1.13	9	0.40	4	1.20	3	2.72	5
1978	1.07	9	0.38	3	1.20	4	2.65	6
1977	1.05	9	0.35	3	1.21	4	2.61	6
1976	1.03	9	0.37	4	1.26	4	2.66	6
1975	1.05	9	0.35	4	1.29	4	2.69	6
1974	1.04	8	0.35	3	1.34	3	2.72	5
1973	1.02	8	0.35	3	1.35	3	2.72	5
1972	0.96	9	0.34	3	1.37	2	2.67	5
1971	0.99	8	0.37	4	1.44	2	2.80	4
1970	1.00	8	0.34	3	1.46	2	2.80	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

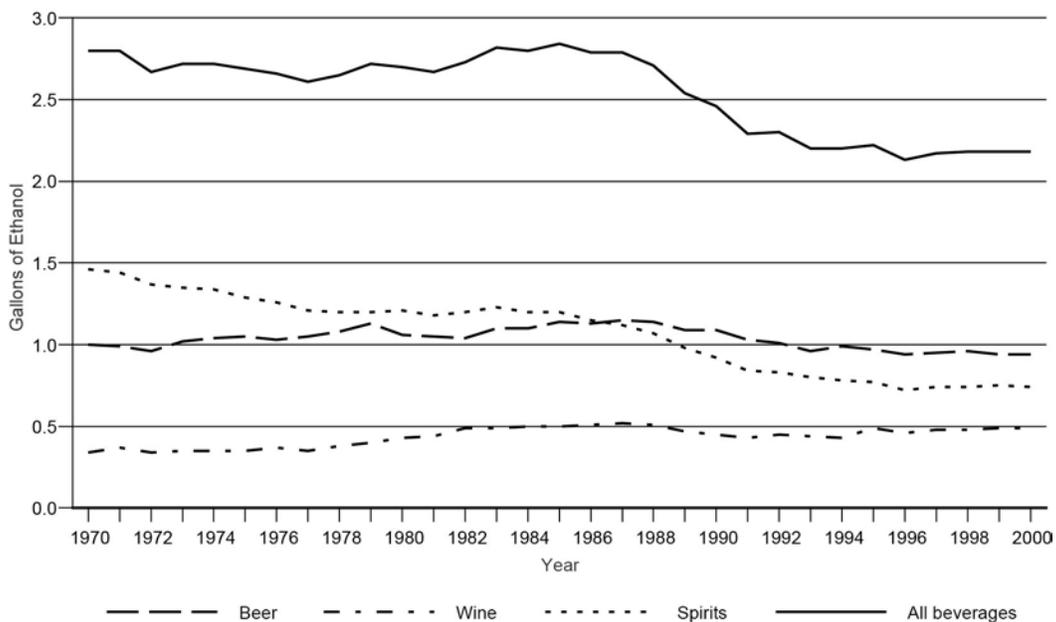


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Delaware

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.36	3	0.48	2	1.05	1	2.89	1
1999	1.40	4	0.48	2	1.03	1	2.90	1
1998	1.36	4	0.47	2	0.98	1	2.82	1
1997	1.37	3	0.46	2	0.99	1	2.81	1
1996	1.39	3	0.45	2	0.94	1	2.78	1
1995	1.30	5	0.40	3	0.92	1	2.62	2
1994	1.43	3	0.38	3	0.95	1	2.76	1
1993	1.46	3	0.35	3	0.95	1	2.76	1
1992	1.40	3	0.36	3	0.97	1	2.73	2
1991	1.40	4	0.35	4	0.95	1	2.70	2
1990	1.44	3	0.37	4	1.14	1	2.95	2
1989	1.40	3	0.38	4	1.13	1	2.91	2
1988	1.44	3	0.40	4	1.19	1	3.03	1
1987	1.44	3	0.42	4	1.22	1	3.08	2
1986	1.45	4	0.44	4	1.23	1	3.13	2
1985	1.46	3	0.41	4	1.30	1	3.16	2
1984	1.51	3	0.38	4	1.28	1	3.17	2
1983	1.53	3	0.35	4	1.34	1	3.22	2
1982	1.53	3	0.34	5	1.36	1	3.23	3
1981	1.51	4	0.32	5	1.39	1	3.23	3
1980	1.45	4	0.29	5	1.38	2	3.12	4
1979	1.38	6	0.27	5	1.34	2	2.99	4
1978	1.33	6	0.25	6	1.33	2	2.91	4
1977	1.32	6	0.24	5	1.35	2	2.91	4
1976	1.25	6	0.25	6	1.43	2	2.92	4
1975	1.23	7	0.26	5	1.49	2	2.98	4
1974	1.23	6	0.26	5	1.51	2	3.00	3
1973	1.22	6	0.27	5	1.55	2	3.04	2
1972	1.21	5	0.26	5	1.60	2	3.07	2
1971	1.20	5	0.24	6	1.74	2	3.18	2
1970	1.17	6	0.21	5	1.74	1	3.12	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

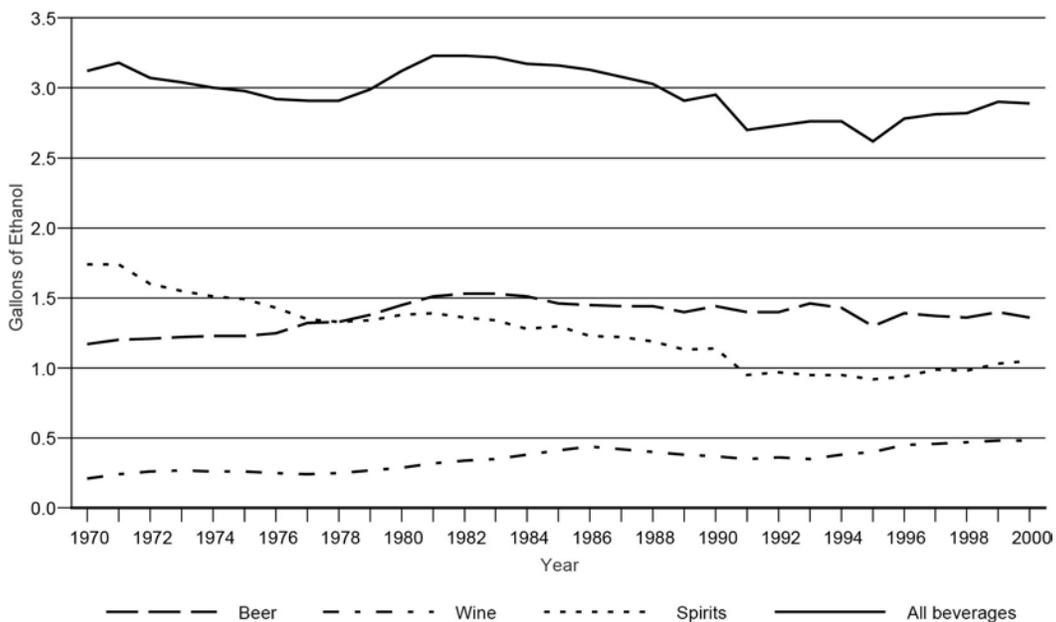


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

District of Columbia

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.35	4	0.70	1	1.48	1	3.53	1
1999	1.37	4	0.73	1	1.35	1	3.45	1
1998	1.37	4	0.73	1	1.44	1	3.55	1
1997	1.40	2	0.74	1	1.61	1	3.75	1
1996	1.42	2	0.74	1	1.47	1	3.63	1
1995	1.51	2	0.72	1	1.52	1	3.74	1
1994	1.50	2	0.74	1	1.52	1	3.76	1
1993	1.51	2	0.73	1	1.54	1	3.78	1
1992	1.61	1	0.70	1	1.74	1	4.05	1
1991	1.42	3	0.61	1	1.85	1	3.89	1
1990	1.42	4	0.76	1	1.96	1	4.14	1
1989	1.49	3	0.88	1	1.85	1	4.22	1
1988	1.47	3	0.99	1	2.02	1	4.48	1
1987	1.48	3	1.00	1	2.37	1	4.85	1
1986	1.52	3	1.04	1	2.19	1	4.75	1
1985	1.49	3	1.03	1	2.42	1	4.94	1
1984	1.56	3	1.11	1	2.68	1	5.34	1
1983	1.55	3	1.08	1	2.79	1	5.41	1
1982	1.48	4	1.00	1	2.91	1	5.39	1
1981	1.50	4	1.06	1	2.92	1	5.49	1
1980	1.49	4	0.99	1	2.94	1	5.42	1
1979	1.48	3	0.99	1	3.03	1	5.49	1
1978	1.43	3	0.94	1	3.14	1	5.51	1
1977	1.39	3	0.89	1	3.26	1	5.53	1
1976	1.34	5	0.94	1	3.57	1	5.86	1
1975	1.37	4	0.92	1	3.71	1	6.00	1
1974	1.39	3	0.89	1	3.76	1	6.04	1
1973	1.39	2	0.92	1	3.89	1	6.21	1
1972	1.34	3	0.89	1	4.16	1	6.40	1
1971	1.37	2	0.91	1	4.45	1	6.74	1
1970	1.39	1	0.82	1	4.44	1	6.64	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

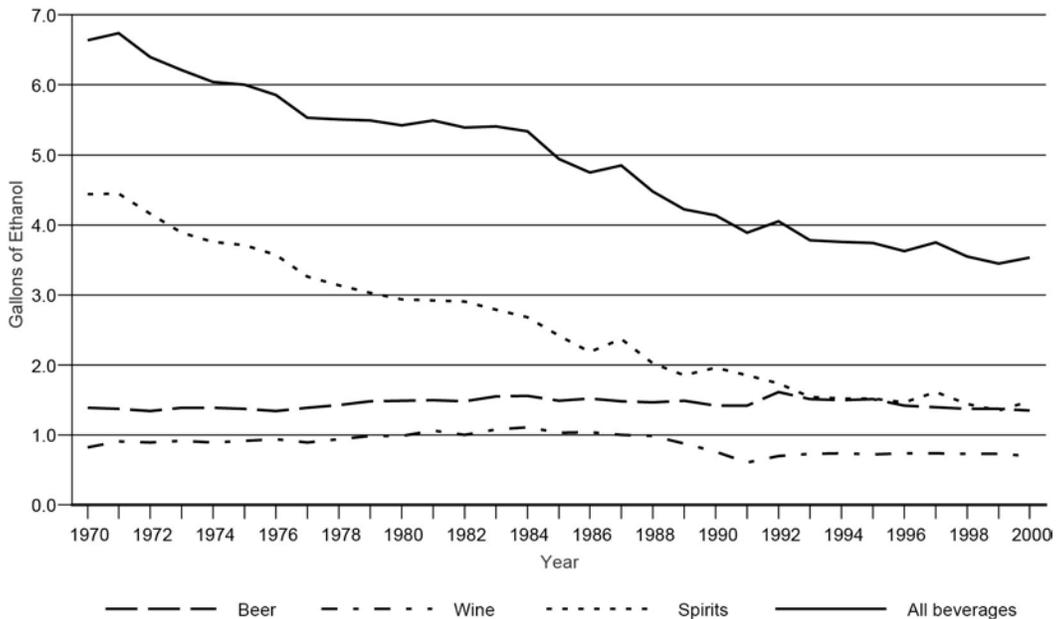


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Florida

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.32	5	0.40	3	0.82	3	2.55	2
1999	1.33	5	0.40	3	0.80	2	2.53	2
1998	1.30	5	0.38	3	0.79	2	2.47	2
1997	1.34	4	0.37	3	0.80	2	2.51	2
1996	1.36	4	0.37	3	0.81	2	2.54	2
1995	1.34	4	0.35	4	0.82	2	2.50	2
1994	1.40	3	0.33	4	0.87	2	2.60	2
1993	1.44	3	0.33	4	0.92	2	2.68	2
1992	1.45	3	0.34	4	0.96	2	2.75	1
1991	1.43	3	0.34	4	0.92	2	2.69	2
1990	1.54	2	0.39	3	1.04	2	2.96	2
1989	1.51	2	0.39	3	1.00	2	2.90	2
1988	1.51	3	0.41	4	1.00	2	2.92	2
1987	1.51	3	0.42	4	1.03	2	2.95	2
1986	1.50	3	0.41	4	1.05	2	2.96	2
1985	1.47	3	0.41	4	1.16	2	3.04	3
1984	1.48	3	0.40	4	1.24	2	3.12	2
1983	1.56	3	0.40	4	1.23	2	3.19	2
1982	1.56	3	0.40	4	1.33	2	3.29	2
1981	1.55	3	0.39	4	1.38	2	3.31	3
1980	1.42	5	0.37	4	1.43	1	3.22	3
1979	1.47	4	0.37	4	1.51	1	3.34	2
1978	1.41	4	0.34	4	1.48	2	3.23	3
1977	1.33	5	0.33	4	1.47	2	3.13	2
1976	1.35	4	0.36	4	1.46	2	3.17	3
1975	1.38	4	0.34	4	1.47	2	3.19	2
1974	1.38	4	0.32	4	1.52	2	3.22	2
1973	1.33	4	0.34	3	1.56	2	3.24	2
1972	1.25	4	0.33	4	1.52	2	3.10	2
1971	1.18	6	0.33	4	1.52	2	3.03	2
1970	1.09	7	0.30	4	1.52	2	2.90	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

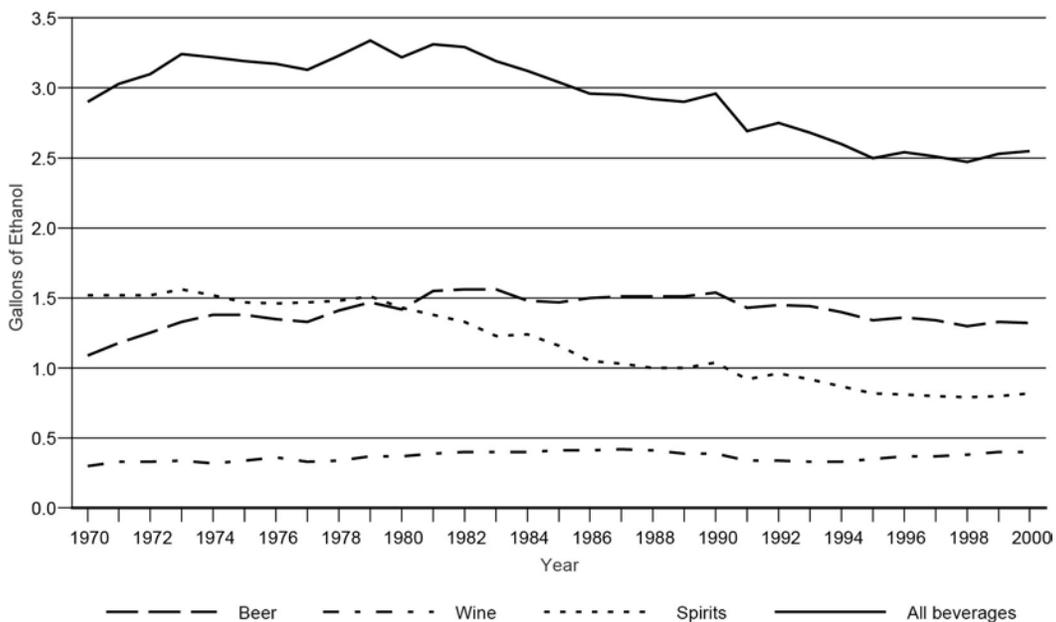


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Georgia

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.22	6	0.26	6	0.69	5	2.17	7
1999	1.23	6	0.27	5	0.69	4	2.20	6
1998	1.21	6	0.24	6	0.70	4	2.14	7
1997	1.19	6	0.25	6	0.70	4	2.14	6
1996	1.22	6	0.24	6	0.70	4	2.16	6
1995	1.20	6	0.22	6	0.71	4	2.13	6
1994	1.17	7	0.20	6	0.77	4	2.14	7
1993	1.23	7	0.20	6	0.77	4	2.20	6
1992	1.22	7	0.21	7	0.79	4	2.23	7
1991	1.16	8	0.22	6	0.78	4	2.17	7
1990	1.22	7	0.23	7	0.86	4	2.31	7
1989	1.18	8	0.24	6	0.94	3	2.37	6
1988	1.22	8	0.26	6	0.92	3	2.40	6
1987	1.22	8	0.27	7	1.00	3	2.49	6
1986	1.22	8	0.27	7	0.95	3	2.43	6
1985	1.17	8	0.25	7	1.01	4	2.43	7
1984	1.18	8	0.23	7	1.06	4	2.48	7
1983	1.14	9	0.22	7	1.05	4	2.42	7
1982	1.12	9	0.21	7	1.04	5	2.37	7
1981	1.10	9	0.18	8	1.09	5	2.38	8
1980	1.07	9	0.19	7	1.09	5	2.35	8
1979	1.17	8	0.19	7	1.22	3	2.58	7
1978	1.14	9	0.19	7	1.26	3	2.59	7
1977	1.08	9	0.16	8	1.23	3	2.47	7
1976	0.99	10	0.18	8	1.23	4	2.39	7
1975	0.97	9	0.17	8	1.16	5	2.30	8
1974	0.99	9	0.15	8	1.09	5	2.23	8
1973	0.93	9	0.16	8	1.02	6	2.11	8
1972	0.90	9	0.16	8	1.12	4	2.18	7
1971	0.86	9	0.12	9	1.08	5	2.07	8
1970	0.79	9	0.14	7	1.02	6	1.95	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

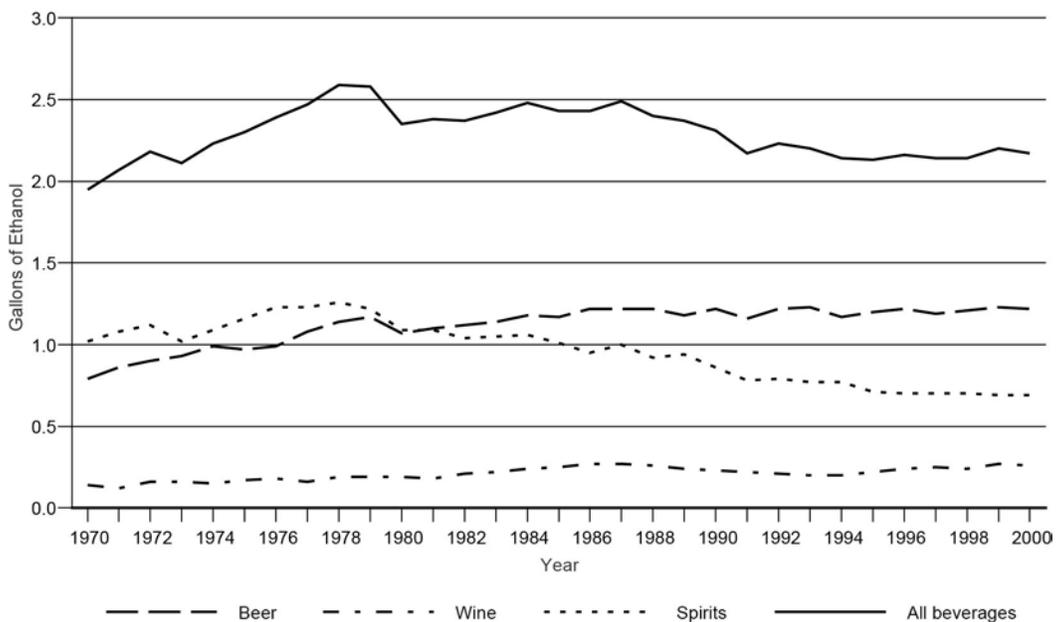


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Hawaii

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.33	5	0.39	3	0.60	7	2.33	4
1999	1.31	5	0.39	4	0.56	7	2.26	5
1998	1.32	4	0.37	4	0.54	7	2.22	5
1997	1.37	3	0.37	3	0.56	7	2.30	4
1996	1.40	2	0.36	4	0.58	7	2.34	4
1995	1.41	3	0.34	4	0.57	7	2.32	4
1994	1.46	2	0.38	3	0.62	6	2.47	3
1993	1.49	2	0.37	3	0.65	6	2.51	3
1992	1.55	2	0.39	3	0.69	6	2.63	2
1991	1.57	2	0.40	3	0.70	6	2.67	2
1990	1.64	1	0.40	3	0.79	5	2.84	2
1989	1.54	2	0.43	3	0.79	6	2.76	3
1988	1.62	2	0.45	3	0.79	6	2.86	3
1987	1.57	2	0.40	4	0.76	6	2.73	4
1986	1.60	2	0.44	4	0.85	6	2.88	3
1985	1.59	2	0.41	4	0.88	6	2.88	3
1984	1.65	2	0.41	4	0.91	6	2.97	3
1983	1.87	1	0.44	3	1.12	3	3.43	1
1982	1.80	2	0.48	3	1.14	3	3.42	1
1981	1.74	2	0.44	3	1.16	4	3.34	2
1980	1.65	2	0.46	3	1.21	3	3.31	2
1979	1.60	2	0.44	3	1.28	3	3.32	3
1978	1.38	5	0.46	2	1.30	3	3.15	3
1977	1.61	2	0.36	3	1.26	3	3.23	2
1976	1.50	2	0.39	3	1.30	3	3.19	2
1975	1.50	2	0.35	3	1.30	3	3.15	3
1974	1.33	5	0.33	4	1.31	3	2.98	4
1973	1.25	5	0.32	4	1.25	4	2.82	4
1972	1.20	6	0.27	5	1.06	5	2.52	6
1971	1.15	7	0.37	4	0.93	7	2.45	6
1970	1.11	7	0.25	5	1.12	4	2.48	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

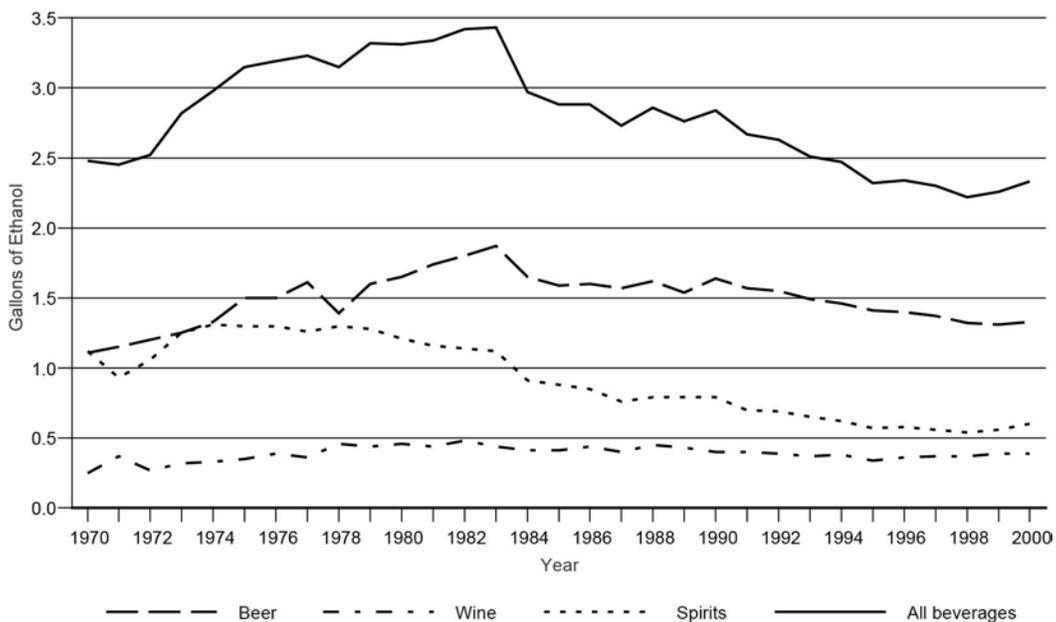


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Idaho

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.16	8	0.65	1	0.51	9	2.32	4
1999	1.17	7	0.68	1	0.52	8	2.36	4
1998	1.15	7	0.59	1	0.51	8	2.25	4
1997	1.14	7	0.36	4	0.50	8	2.00	7
1996	1.18	7	0.30	5	0.51	9	1.98	7
1995	1.15	7	0.30	4	0.53	8	1.98	7
1994	1.24	6	0.35	3	0.53	8	2.12	7
1993	1.26	6	0.29	4	0.55	8	2.11	7
1992	1.32	5	0.31	4	0.57	8	2.20	7
1991	1.31	6	0.32	4	0.56	9	2.19	7
1990	1.36	5	0.33	4	0.58	9	2.27	7
1989	1.23	7	0.30	5	0.56	9	2.09	8
1988	1.25	7	0.36	4	0.58	9	2.18	7
1987	1.31	6	0.38	5	0.58	9	2.26	7
1986	1.34	5	0.38	5	0.61	9	2.33	7
1985	1.35	5	0.36	5	0.71	8	2.42	7
1984	1.40	5	0.31	5	0.72	8	2.43	7
1983	1.44	4	0.30	5	0.76	8	2.51	7
1982	1.47	4	0.31	5	0.81	8	2.58	7
1981	1.54	3	0.33	5	0.83	8	2.70	6
1980	1.53	3	0.30	5	0.77	8	2.60	7
1979	1.55	3	0.27	5	0.84	8	2.65	6
1978	1.50	3	0.26	5	0.80	8	2.56	7
1977	1.50	2	0.22	6	0.79	8	2.52	7
1976	1.52	2	0.27	5	0.79	8	2.58	6
1975	1.48	3	0.27	5	0.80	9	2.55	6
1974	1.39	3	0.26	5	0.77	9	2.42	7
1973	1.38	3	0.26	5	0.74	9	2.38	7
1972	1.34	3	0.27	5	0.75	9	2.36	6
1971	1.26	4	0.26	5	0.77	8	2.28	7
1970	1.20	5	0.10	9	0.75	8	2.04	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

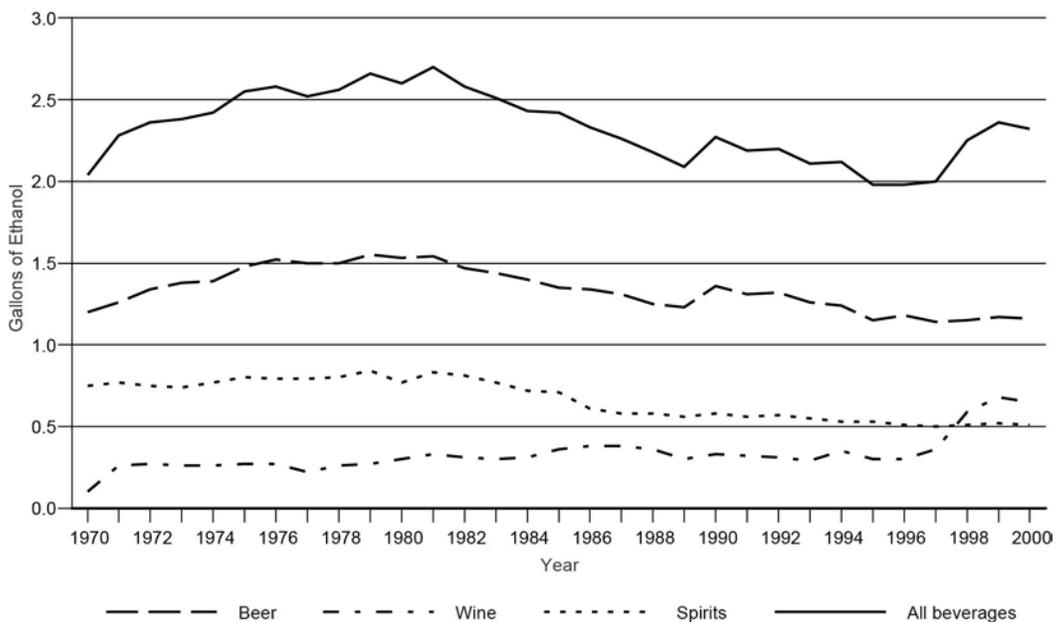


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Illinois

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.28	5	0.32	4	0.63	6	2.24	6
1999	1.29	5	0.33	5	0.66	5	2.27	5
1998	1.28	5	0.34	4	0.64	5	2.25	4
1997	1.26	5	0.35	4	0.65	5	2.26	5
1996	1.27	5	0.35	4	0.68	5	2.30	4
1995	1.30	5	0.33	4	0.66	5	2.29	4
1994	1.32	5	0.34	4	0.69	5	2.35	4
1993	1.32	5	0.34	4	0.72	5	2.38	4
1992	1.34	5	0.35	4	0.74	5	2.43	4
1991	1.38	4	0.34	4	0.76	5	2.48	4
1990	1.43	4	0.36	4	0.82	4	2.62	4
1989	1.38	4	0.35	4	0.82	5	2.56	4
1988	1.42	4	0.37	4	0.85	5	2.64	4
1987	1.41	4	0.39	4	0.87	5	2.66	4
1986	1.40	4	0.39	4	0.90	5	2.68	4
1985	1.38	4	0.37	4	0.98	5	2.72	5
1984	1.40	5	0.37	4	1.01	5	2.77	5
1983	1.42	5	0.35	4	1.03	5	2.80	5
1982	1.41	5	0.35	4	1.06	4	2.83	5
1981	1.43	5	0.35	4	1.12	4	2.91	5
1980	1.43	5	0.33	4	1.24	3	3.00	4
1979	1.45	4	0.33	4	1.17	4	2.94	4
1978	1.38	5	0.31	4	1.19	4	2.88	4
1977	1.35	5	0.30	4	1.22	3	2.87	4
1976	1.31	5	0.34	4	1.30	3	2.94	4
1975	1.31	5	0.33	4	1.35	3	2.99	4
1974	1.27	6	0.33	4	1.34	3	2.94	4
1973	1.22	6	0.32	4	1.35	3	2.88	4
1972	1.21	6	0.31	4	1.33	3	2.85	4
1971	1.22	5	0.32	5	1.39	3	2.92	3
1970	1.21	4	0.27	4	1.34	3	2.82	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

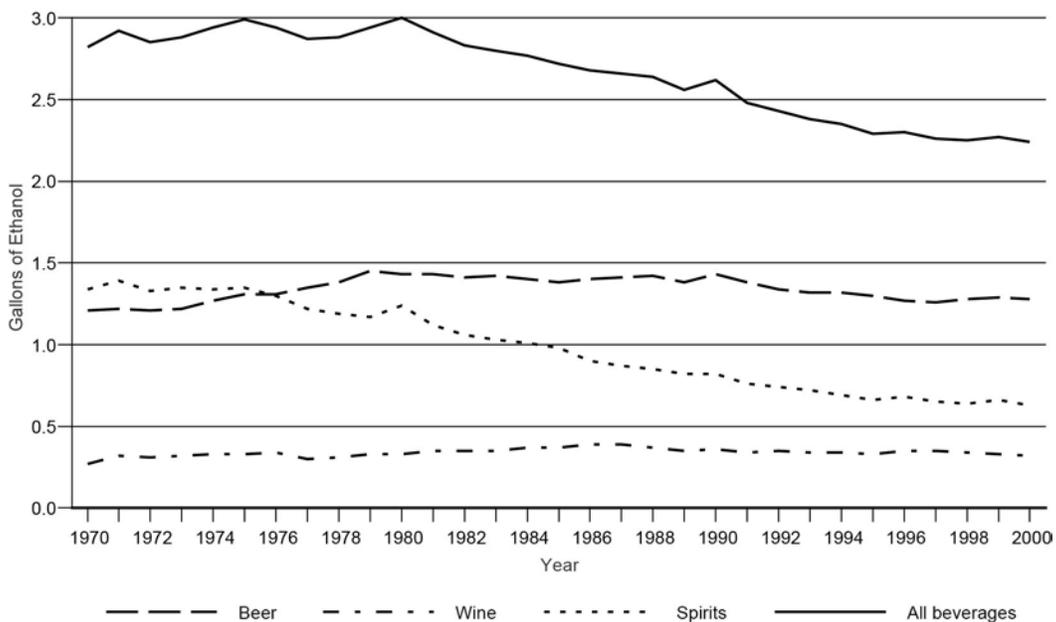


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Indiana

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.16	8	0.21	7	0.61	7	1.98	8
1999	1.16	8	0.19	8	0.59	7	1.94	8
1998	1.14	8	0.19	7	0.58	7	1.91	8
1997	1.12	8	0.19	7	0.59	7	1.90	8
1996	1.13	8	0.19	7	0.57	7	1.89	8
1995	1.12	8	0.21	6	0.58	7	1.91	8
1994	1.15	8	0.20	6	0.59	7	1.94	8
1993	1.15	8	0.19	7	0.64	7	1.98	8
1992	1.16	8	0.20	7	0.58	8	1.95	9
1991	1.22	7	0.19	7	0.60	8	2.00	9
1990	1.26	7	0.20	8	0.63	8	2.09	8
1989	1.21	8	0.19	8	0.63	8	2.04	8
1988	1.23	7	0.21	8	0.66	7	2.10	8
1987	1.24	7	0.22	8	0.67	7	2.13	8
1986	1.25	7	0.23	8	0.67	8	2.14	8
1985	1.25	7	0.22	8	0.72	8	2.19	8
1984	1.26	7	0.21	8	0.73	8	2.19	8
1983	1.27	7	0.19	8	0.73	8	2.19	8
1982	1.29	7	0.18	8	0.76	8	2.23	8
1981	1.29	7	0.18	8	0.78	8	2.25	8
1980	1.26	7	0.17	8	0.77	8	2.21	8
1979	1.23	7	0.15	8	0.79	9	2.18	8
1978	1.19	8	0.16	8	0.79	9	2.14	8
1977	1.14	8	0.14	9	0.77	9	2.05	8
1976	1.08	8	0.14	9	0.75	10	1.98	9
1975	1.04	9	0.15	9	0.75	10	1.94	9
1974	1.01	9	0.13	9	0.73	10	1.86	10
1973	1.01	8	0.15	8	0.63	10	1.80	9
1972	1.00	8	0.12	9	0.67	10	1.80	9
1971	1.01	8	0.13	9	0.68	10	1.82	9
1970	1.00	8	0.12	8	0.69	9	1.81	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

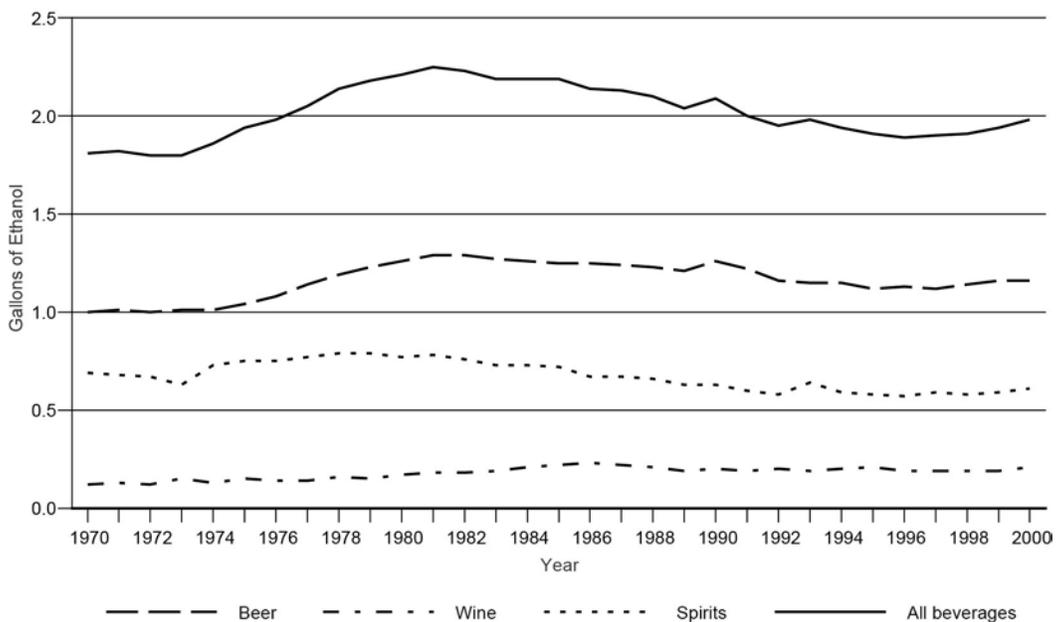


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Iowa

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.35	4	0.13	9	0.50	9	1.98	8
1999	1.34	4	0.13	9	0.48	9	1.95	8
1998	1.31	5	0.12	10	0.46	10	1.90	8
1997	1.28	5	0.12	10	0.45	10	1.85	9
1996	1.28	5	0.12	10	0.45	10	1.85	9
1995	1.26	5	0.11	10	0.44	10	1.80	9
1994	1.30	5	0.10	10	0.44	10	1.84	9
1993	1.28	6	0.11	10	0.48	10	1.87	9
1992	1.31	6	0.13	9	0.46	10	1.90	9
1991	1.32	6	0.16	8	0.52	10	2.01	8
1990	1.34	6	0.18	8	0.54	10	2.06	9
1989	1.26	6	0.18	8	0.50	10	1.94	9
1988	1.28	6	0.20	8	0.52	10	1.99	9
1987	1.30	6	0.21	8	0.57	9	2.08	9
1986	1.32	6	0.19	8	0.53	10	2.04	9
1985	1.31	6	0.14	10	0.57	10	2.02	9
1984	1.36	6	0.12	10	0.61	10	2.09	9
1983	1.38	5	0.13	10	0.64	10	2.15	8
1982	1.39	5	0.13	10	0.65	10	2.17	8
1981	1.44	4	0.13	9	0.69	10	2.27	8
1980	1.41	6	0.13	9	0.71	10	2.25	8
1979	1.40	5	0.11	10	0.71	10	2.22	8
1978	1.38	5	0.11	10	0.74	9	2.22	8
1977	1.33	5	0.10	10	0.74	9	2.17	8
1976	1.28	6	0.10	10	0.77	9	2.15	8
1975	1.27	6	0.09	10	0.76	9	2.13	8
1974	1.25	6	0.09	10	0.75	9	2.09	8
1973	1.17	7	0.09	10	0.73	9	1.98	8
1972	1.12	7	0.08	10	0.69	9	1.88	8
1971	1.10	7	0.07	10	0.71	9	1.89	8
1970	1.09	7	0.06	10	0.68	10	1.83	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

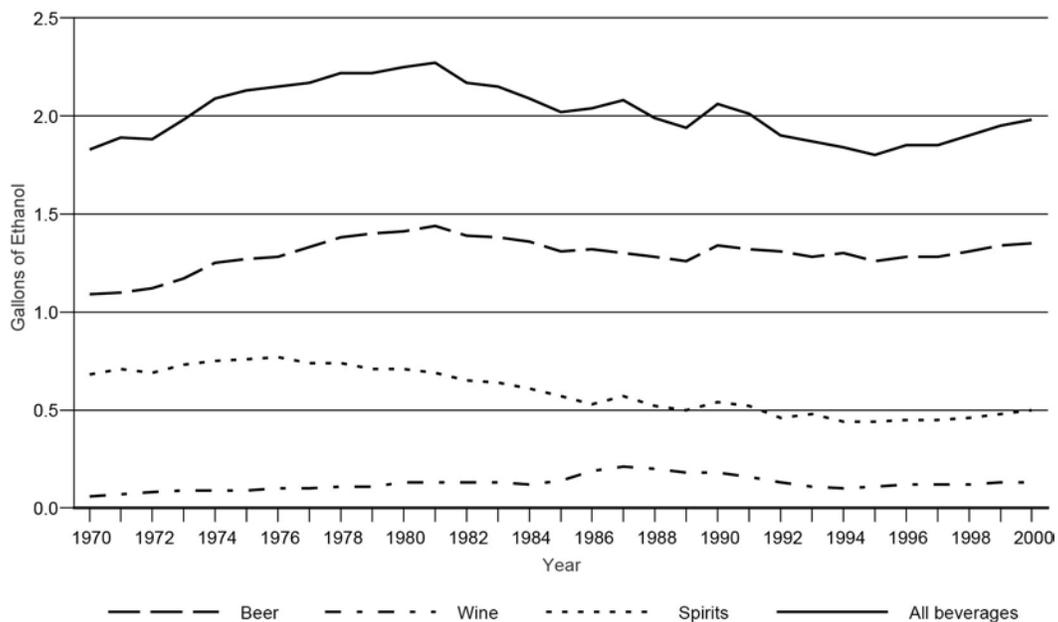


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Kansas

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.15	8	0.15	8	0.52	8	1.82	9
1999	1.14	8	0.16	8	0.54	8	1.84	9
1998	1.09	9	0.15	8	0.54	7	1.79	9
1997	1.09	9	0.14	9	0.48	9	1.71	10
1996	1.05	9	0.14	9	0.49	9	1.69	10
1995	1.08	9	0.15	9	0.50	9	1.72	9
1994	1.12	9	0.13	9	0.48	9	1.73	10
1993	1.09	9	0.14	9	0.52	9	1.75	10
1992	1.09	9	0.14	9	0.55	9	1.78	10
1991	1.15	9	0.14	9	0.57	8	1.85	9
1990	1.13	9	0.13	9	0.53	10	1.79	10
1989	1.10	9	0.13	10	0.54	9	1.77	10
1988	1.11	9	0.21	8	0.56	9	1.88	9
1987	1.12	9	0.16	9	0.56	10	1.84	9
1986	1.12	9	0.17	9	0.59	10	1.88	9
1985	1.17	8	0.15	9	0.64	9	1.96	9
1984	1.18	8	0.14	9	0.63	10	1.95	9
1983	1.20	8	0.13	9	0.64	10	1.96	9
1982	1.22	8	0.13	10	0.67	9	2.02	9
1981	1.23	8	0.12	10	0.70	9	2.05	9
1980	1.23	8	0.11	10	0.62	10	1.96	9
1979	1.17	8	0.11	9	0.73	9	2.01	9
1978	1.14	9	0.12	9	0.64	10	1.89	10
1977	1.13	8	0.10	10	0.65	10	1.88	10
1976	1.13	8	0.11	10	0.69	10	1.93	9
1975	1.12	8	0.12	10	0.71	10	1.94	9
1974	1.08	8	0.12	9	0.71	10	1.91	9
1973	0.98	9	0.11	9	0.68	10	1.76	10
1972	0.96	8	0.11	9	0.67	10	1.74	9
1971	0.89	9	0.10	9	0.69	10	1.68	10
1970	0.85	9	0.09	9	0.65	10	1.59	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

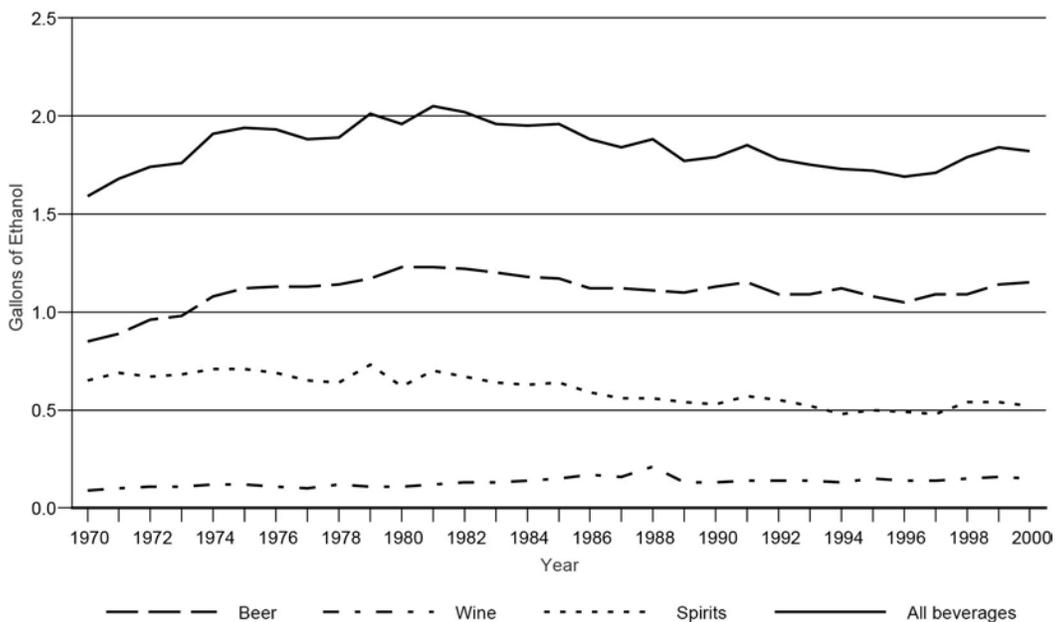


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Kentucky

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.07	9	0.14	9	0.54	8	1.74	10
1999	1.07	9	0.13	9	0.54	8	1.74	10
1998	1.07	9	0.13	9	0.53	8	1.72	10
1997	1.06	9	0.13	9	0.53	8	1.72	9
1996	1.05	9	0.13	9	0.54	8	1.72	10
1995	1.05	10	0.12	9	0.54	8	1.71	10
1994	1.08	9	0.11	10	0.55	8	1.73	10
1993	1.08	10	0.10	10	0.55	8	1.73	10
1992	1.04	10	0.11	10	0.56	9	1.71	10
1991	1.11	9	0.11	10	0.56	9	1.78	10
1990	1.12	10	0.11	10	0.60	9	1.83	10
1989	1.08	10	0.12	10	0.56	9	1.76	10
1988	1.08	10	0.12	10	0.59	8	1.79	10
1987	1.03	10	0.14	10	0.59	9	1.76	10
1986	1.09	10	0.13	10	0.62	9	1.84	10
1985	1.07	10	0.13	10	0.66	9	1.86	10
1984	1.05	10	0.12	10	0.68	9	1.85	10
1983	1.13	9	0.12	10	0.69	9	1.94	9
1982	1.14	9	0.12	10	0.73	8	1.99	9
1981	1.13	9	0.11	10	0.75	9	1.99	9
1980	1.08	9	0.10	10	0.74	9	1.91	10
1979	1.10	9	0.09	10	0.77	9	1.97	10
1978	1.07	9	0.09	10	0.77	9	1.93	10
1977	1.19	7	0.09	10	0.75	9	2.03	9
1976	1.01	9	0.10	10	0.79	9	1.90	10
1975	1.05	8	0.10	10	0.83	8	1.98	9
1974	1.01	9	0.10	10	0.82	8	1.92	9
1973	1.01	8	0.10	10	0.83	8	1.93	9
1972	0.99	8	0.10	10	0.82	8	1.91	8
1971	0.97	8	0.10	10	0.87	8	1.93	8
1970	0.93	8	0.08	10	0.84	8	1.86	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

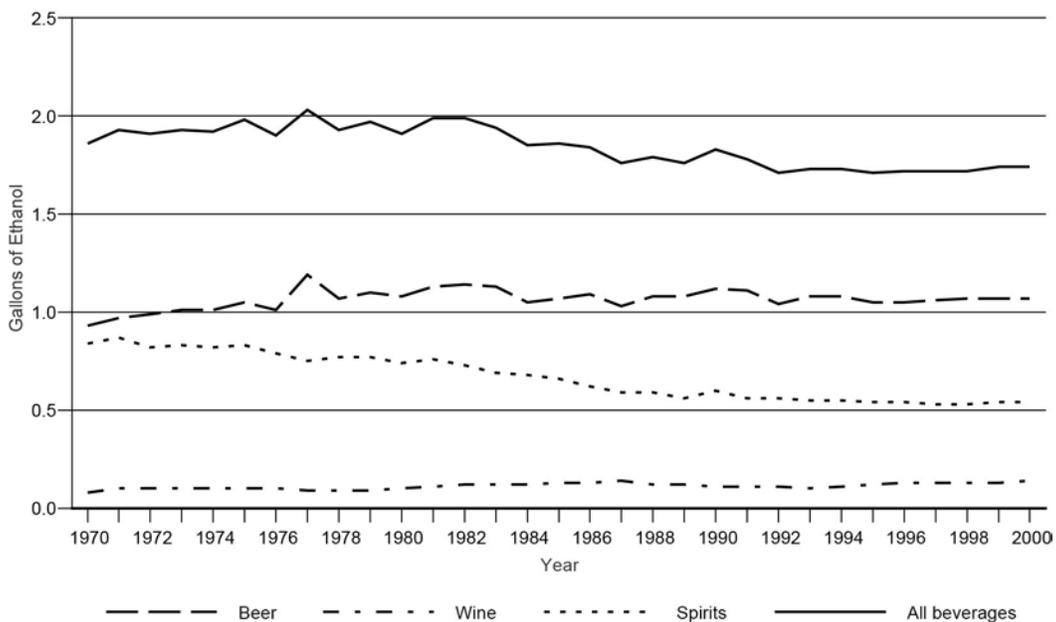


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Louisiana

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.50	2	0.22	7	0.70	4	2.43	3
1999	1.54	1	0.24	6	0.69	5	2.46	2
1998	1.50	2	0.23	6	0.70	4	2.43	3
1997	1.50	2	0.23	6	0.71	4	2.44	2
1996	1.50	2	0.22	6	0.72	4	2.44	2
1995	1.55	2	0.21	6	0.73	4	2.50	2
1994	1.45	3	0.21	6	0.73	5	2.39	3
1993	1.53	2	0.21	6	0.72	5	2.47	3
1992	1.55	2	0.22	6	0.74	5	2.51	3
1991	1.52	2	0.21	7	0.73	6	2.46	4
1990	1.53	3	0.23	7	0.78	6	2.54	5
1989	1.43	3	0.23	7	0.72	6	2.38	6
1988	1.44	3	0.24	7	0.69	6	2.37	7
1987	1.36	5	0.24	7	0.75	6	2.34	7
1986	1.39	4	0.26	7	0.78	6	2.42	7
1985	1.35	5	0.27	6	0.86	6	2.49	6
1984	1.40	4	0.29	6	0.94	6	2.63	6
1983	1.43	5	0.30	5	1.02	5	2.75	5
1982	1.49	4	0.30	6	1.00	6	2.78	5
1981	1.48	4	0.27	6	1.02	6	2.77	6
1980	1.41	6	0.27	6	1.04	6	2.71	6
1979	1.36	6	0.26	6	1.08	6	2.70	6
1978	1.35	6	0.25	5	1.07	6	2.67	6
1977	1.30	6	0.25	5	1.03	6	2.57	6
1976	1.27	6	0.28	5	1.05	6	2.61	6
1975	1.30	6	0.22	6	1.02	6	2.53	6
1974	1.29	6	0.21	6	0.97	7	2.46	6
1973	1.26	5	0.21	6	0.96	7	2.42	6
1972	1.22	5	0.31	4	0.96	7	2.49	6
1971	1.17	6	0.33	4	0.97	6	2.48	6
1970	1.20	4	0.29	4	0.91	7	2.40	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

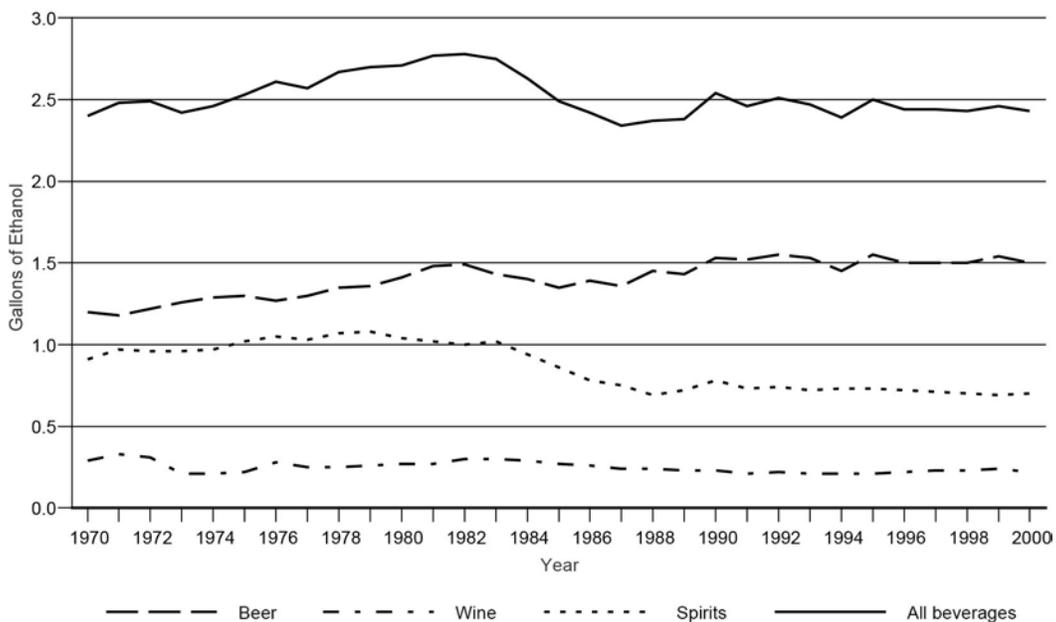


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Maine

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.17	7	0.39	4	0.73	4	2.29	5
1999	1.16	7	0.37	4	0.73	3	2.26	5
1998	1.14	8	0.34	4	0.68	5	2.16	6
1997	1.15	7	0.33	4	0.71	4	2.19	5
1996	1.17	7	0.33	4	0.71	4	2.22	5
1995	1.17	7	0.29	4	0.72	4	2.19	6
1994	1.13	9	0.27	5	0.77	4	2.17	6
1993	1.15	8	0.29	4	0.79	4	2.22	6
1992	1.16	8	0.29	5	0.78	4	2.23	6
1991	1.18	8	0.30	5	0.77	4	2.25	6
1990	1.21	8	0.31	5	0.82	4	2.34	6
1989	1.25	7	0.34	5	0.85	4	2.44	5
1988	1.28	7	0.36	5	0.91	4	2.54	5
1987	1.26	7	0.38	5	0.91	4	2.55	5
1986	1.28	7	0.36	5	0.91	5	2.56	5
1985	1.29	7	0.33	5	0.94	5	2.56	6
1984	1.25	7	0.31	5	1.01	5	2.57	6
1983	1.32	7	0.29	6	1.03	5	2.63	6
1982	1.30	7	0.30	5	1.02	5	2.63	6
1981	1.24	8	0.28	6	1.05	6	2.57	7
1980	1.32	7	0.29	5	1.06	5	2.67	6
1979	1.30	7	0.27	5	1.08	6	2.65	6
1978	1.31	6	0.27	5	1.05	6	2.62	6
1977	1.37	4	0.23	5	1.04	6	2.64	6
1976	1.41	3	0.26	5	1.07	6	2.74	6
1975	1.44	3	0.25	6	1.04	6	2.72	6
1974	1.40	3	0.24	5	1.05	6	2.68	6
1973	1.35	3	0.23	6	1.01	6	2.59	6
1972	1.31	3	0.24	6	0.99	6	2.54	5
1971	1.28	3	0.40	3	0.99	6	2.67	5
1970	1.24	3	0.10	9	1.03	5	2.37	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

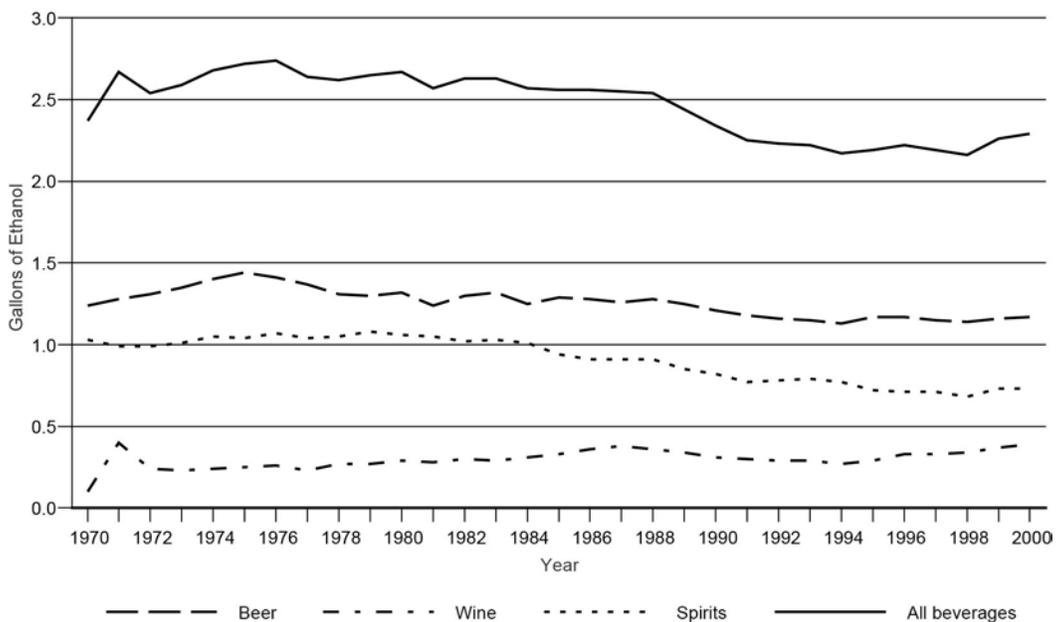


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Maryland

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.04	10	0.30	5	0.75	3	2.09	7
1999	1.04	10	0.30	5	0.74	3	2.08	7
1998	1.05	10	0.30	5	0.73	3	2.08	7
1997	1.05	10	0.29	5	0.73	3	2.07	7
1996	1.05	10	0.29	5	0.74	3	2.08	7
1995	1.06	9	0.28	5	0.74	4	2.09	7
1994	1.09	9	0.28	5	0.78	3	2.15	6
1993	1.10	9	0.28	5	0.80	3	2.19	7
1992	1.11	9	0.29	5	0.86	2	2.26	6
1991	1.15	8	0.30	5	0.89	2	2.33	6
1990	1.22	8	0.33	4	0.96	2	2.51	5
1989	1.22	8	0.34	4	0.98	2	2.54	4
1988	1.26	7	0.36	5	1.01	2	2.62	4
1987	1.29	6	0.38	4	1.07	2	2.74	3
1986	1.29	7	0.39	4	1.08	2	2.75	4
1985	1.31	6	0.36	4	1.14	2	2.81	4
1984	1.31	6	0.36	4	1.17	2	2.84	4
1983	1.34	6	0.35	4	1.20	2	2.89	4
1982	1.27	7	0.32	5	1.17	3	2.77	5
1981	1.39	6	0.34	4	1.33	2	3.06	4
1980	1.42	5	0.33	4	1.35	2	3.09	4
1979	1.43	4	0.31	4	1.39	2	3.14	3
1978	1.41	4	0.31	4	1.38	2	3.09	3
1977	1.37	4	0.30	4	1.39	2	3.05	3
1976	1.34	5	0.33	4	1.45	2	3.12	3
1975	1.35	5	0.33	4	1.46	2	3.14	3
1974	1.34	4	0.32	4	1.45	2	3.10	3
1973	1.29	4	0.30	4	1.42	2	3.02	3
1972	1.25	4	0.30	4	1.40	2	2.95	2
1971	1.28	3	0.28	5	1.44	2	3.00	3
1970	1.31	2	0.25	4	1.39	2	2.95	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

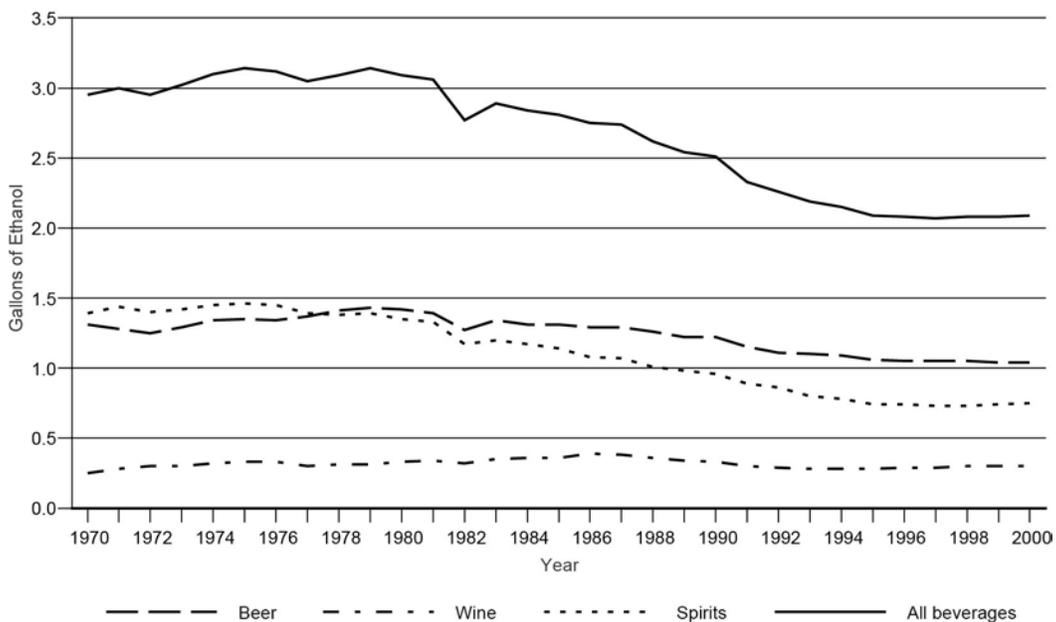


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Massachusetts

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.16	7	0.51	1	0.87	2	2.55	2
1999	1.09	9	0.51	1	0.79	2	2.39	3
1998	1.14	7	0.50	1	0.75	3	2.39	3
1997	1.13	8	0.49	1	0.76	3	2.39	3
1996	1.11	9	0.48	1	0.77	3	2.35	3
1995	1.13	8	0.44	2	0.78	3	2.35	3
1994	1.14	8	0.44	1	0.80	3	2.38	3
1993	1.14	8	0.44	2	0.80	3	2.38	4
1992	1.12	9	0.44	2	0.82	3	2.38	5
1991	1.19	8	0.43	2	0.87	2	2.49	3
1990	1.22	8	0.45	3	0.97	2	2.63	3
1989	1.26	6	0.47	2	1.02	2	2.75	3
1988	1.29	6	0.50	2	1.07	2	2.86	3
1987	1.29	7	0.51	3	1.12	2	2.93	3
1986	1.31	6	0.53	2	1.12	2	2.96	3
1985	1.30	6	0.51	3	1.21	2	3.01	3
1984	1.30	6	0.51	2	1.24	2	3.04	3
1983	1.36	6	0.50	3	1.21	2	3.07	3
1982	1.35	6	0.49	3	1.22	2	3.07	3
1981	1.44	5	0.49	3	1.24	3	3.17	3
1980	1.47	4	0.45	3	1.27	3	3.19	3
1979	1.39	5	0.42	3	1.23	3	3.04	4
1978	1.37	5	0.40	3	1.25	3	3.02	4
1977	1.34	5	0.37	3	1.24	3	2.95	3
1976	1.30	6	0.38	3	1.32	3	3.00	4
1975	1.33	5	0.38	3	1.36	2	3.07	3
1974	1.31	5	0.37	3	1.41	2	3.09	3
1973	1.25	5	0.37	3	1.39	2	3.01	3
1972	1.17	6	0.36	3	1.34	2	2.87	3
1971	1.15	6	0.37	3	1.37	3	2.89	4
1970	1.15	6	0.30	4	1.35	3	2.80	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

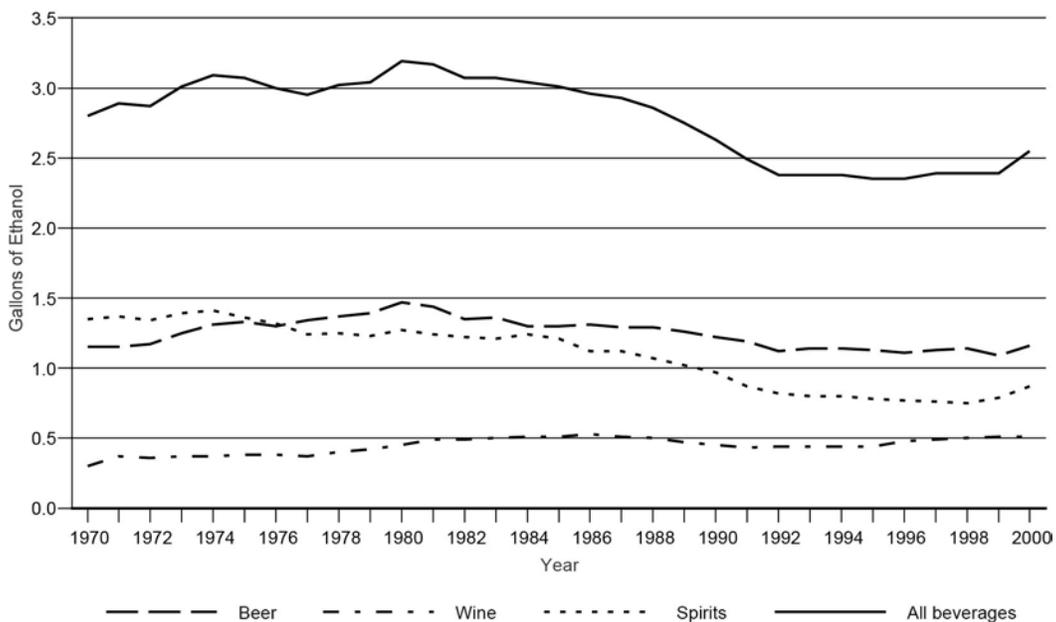


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Michigan

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.19	7	0.24	6	0.69	5	2.12	7
1999	1.19	6	0.24	6	0.68	5	2.11	7
1998	1.20	6	0.22	7	0.69	4	2.12	7
1997	1.17	6	0.22	6	0.66	5	2.06	7
1996	1.20	6	0.22	7	0.67	5	2.08	7
1995	1.20	6	0.19	7	0.66	5	2.06	7
1994	1.23	6	0.20	6	0.67	6	2.10	7
1993	1.25	6	0.20	6	0.72	5	2.18	7
1992	1.26	6	0.22	6	0.74	6	2.21	7
1991	1.30	6	0.22	7	0.74	5	2.26	6
1990	1.33	6	0.28	6	0.80	5	2.42	6
1989	1.29	6	0.30	5	0.80	5	2.38	6
1988	1.31	6	0.32	5	0.84	5	2.47	6
1987	1.32	6	0.33	5	0.85	5	2.50	6
1986	1.33	5	0.33	6	0.90	5	2.56	5
1985	1.30	6	0.32	5	0.95	5	2.58	6
1984	1.32	6	0.31	5	0.97	5	2.60	6
1983	1.35	6	0.28	6	0.97	6	2.60	6
1982	1.35	6	0.39	4	0.98	6	2.72	6
1981	1.34	7	0.29	5	1.00	6	2.63	6
1980	1.34	7	0.28	6	1.03	6	2.65	6
1979	1.37	6	0.25	6	1.03	6	2.65	6
1978	1.43	3	0.25	5	1.05	6	2.74	5
1977	1.45	3	0.24	5	1.02	6	2.71	5
1976	1.43	3	0.30	5	1.06	6	2.79	5
1975	1.43	3	0.29	5	1.05	6	2.77	5
1974	1.40	3	0.28	5	1.05	6	2.74	5
1973	1.41	2	0.28	5	1.04	5	2.73	5
1972	1.37	2	0.27	5	1.06	5	2.70	5
1971	1.35	2	0.28	5	1.06	5	2.69	5
1970	1.37	2	0.24	5	1.07	5	2.68	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

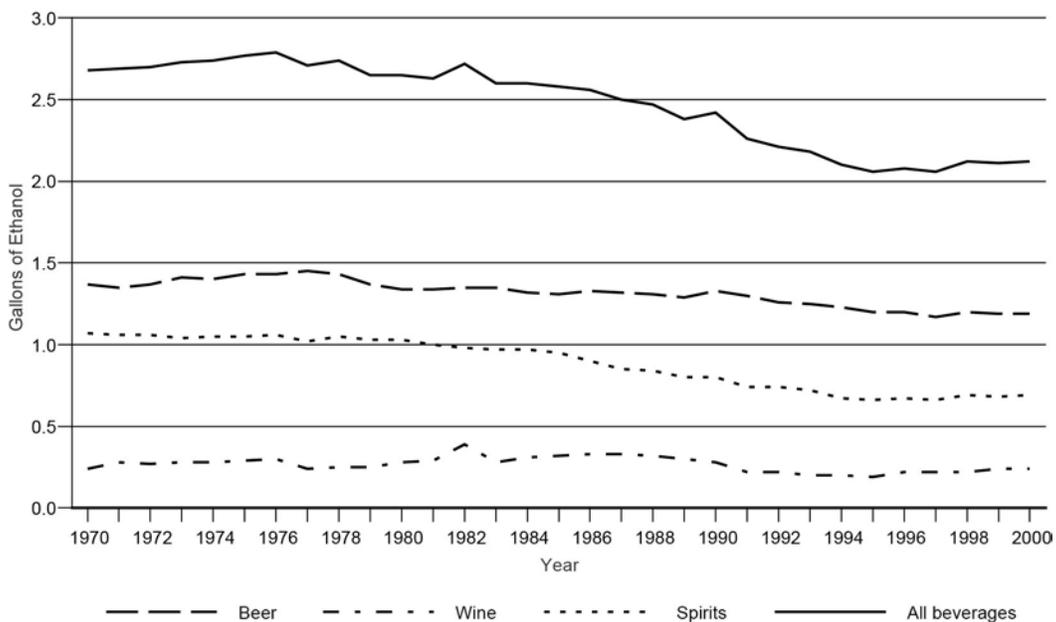


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Minnesota

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.24	5	0.26	6	0.87	2	2.37	4
1999	1.23	5	0.27	6	0.86	2	2.36	4
1998	1.16	7	0.27	5	0.84	2	2.27	4
1997	1.23	6	0.27	5	0.83	2	2.33	3
1996	1.25	6	0.26	5	0.83	2	2.34	4
1995	1.24	6	0.26	5	0.83	2	2.32	3
1994	1.27	6	0.25	5	0.83	2	2.35	4
1993	1.24	6	0.24	5	0.84	2	2.33	5
1992	1.25	7	0.25	6	0.85	2	2.35	5
1991	1.30	6	0.24	6	0.81	4	2.35	5
1990	1.32	6	0.27	6	0.96	2	2.55	4
1989	1.28	6	0.27	6	0.88	3	2.43	5
1988	1.30	6	0.30	6	0.89	4	2.49	5
1987	1.31	6	0.32	6	0.94	3	2.56	5
1986	1.30	6	0.33	6	0.92	4	2.56	6
1985	1.31	6	0.31	6	1.06	3	2.68	5
1984	1.34	6	0.28	6	1.07	3	2.68	5
1983	1.37	5	0.27	6	1.10	3	2.74	6
1982	1.36	6	0.27	6	1.11	4	2.75	6
1981	1.39	6	0.27	6	1.18	3	2.83	5
1980	1.40	6	0.26	6	1.20	4	2.85	5
1979	1.35	7	0.24	6	1.16	5	2.75	5
1978	1.31	7	0.23	6	1.15	5	2.69	6
1977	1.30	6	0.20	6	1.15	4	2.65	5
1976	1.30	6	0.21	6	1.20	5	2.71	6
1975	1.29	6	0.20	7	1.20	5	2.70	6
1974	1.28	6	0.20	7	1.26	4	2.74	5
1973	1.22	6	0.20	7	1.22	4	2.63	6
1972	1.13	7	0.20	7	1.17	4	2.49	6
1971	1.15	6	0.20	6	1.29	4	2.65	5
1970	1.14	6	0.16	6	1.23	4	2.53	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

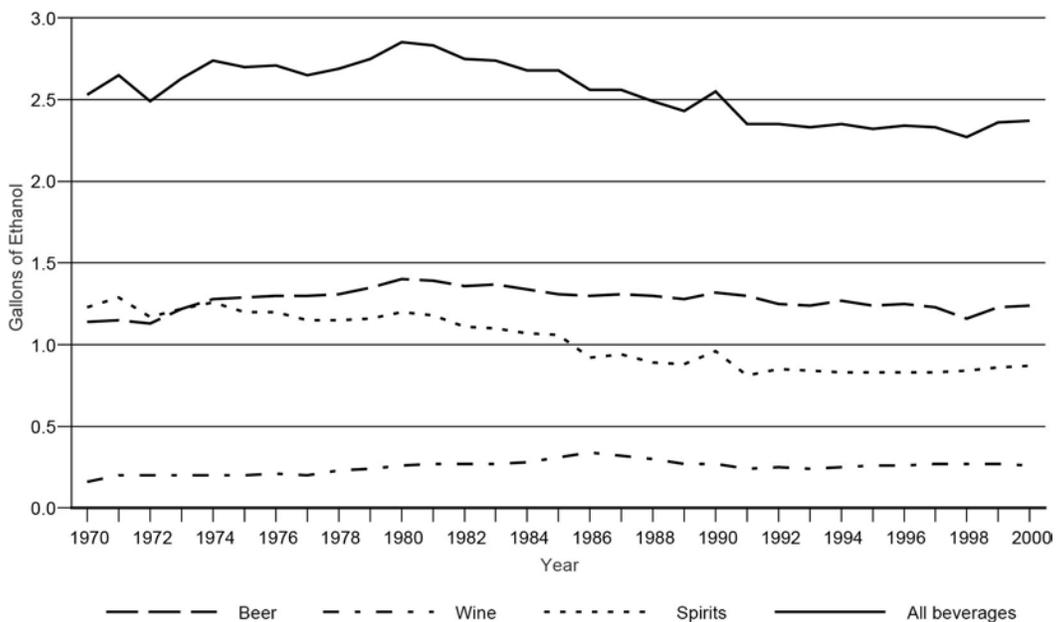


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Mississippi

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.44	3	0.09	10	0.60	7	2.13	7
1999	1.45	3	0.10	10	0.61	6	2.15	7
1998	1.40	3	0.09	10	0.59	6	2.08	7
1997	1.37	3	0.09	10	0.61	6	2.07	7
1996	1.37	3	0.09	10	0.62	6	2.08	7
1995	1.36	3	0.09	10	0.61	6	2.06	7
1994	1.28	6	0.08	10	0.63	6	2.00	7
1993	1.37	3	0.10	10	0.63	7	2.11	7
1992	1.35	4	0.09	10	0.63	7	2.08	8
1991	1.32	6	0.09	10	0.64	7	2.05	8
1990	1.34	6	0.09	10	0.65	7	2.08	8
1989	1.26	6	0.09	10	0.65	7	2.00	9
1988	1.28	6	0.09	10	0.66	8	2.03	9
1987	1.26	7	0.09	10	0.66	8	2.01	9
1986	1.26	7	0.10	10	0.68	7	2.04	9
1985	1.21	8	0.10	10	0.73	8	2.04	9
1984	1.19	8	0.11	10	0.77	7	2.06	9
1983	1.19	8	0.11	10	0.79	7	2.09	9
1982	1.19	8	0.11	10	0.82	8	2.11	9
1981	1.19	8	0.11	10	0.84	8	2.14	9
1980	1.13	8	0.10	10	0.86	7	2.09	9
1979	1.15	9	0.10	10	0.84	8	2.09	9
1978	1.16	8	0.10	10	0.91	7	2.18	8
1977	1.08	9	0.11	9	0.86	7	2.05	9
1976	1.02	9	0.13	9	0.86	7	2.01	9
1975	1.02	9	0.13	9	0.84	8	1.98	9
1974	1.02	9	0.11	10	0.81	8	1.94	9
1973	0.98	9	0.10	10	0.76	9	1.85	9
1972	0.95	9	0.11	9	0.75	8	1.82	9
1971	0.91	9	0.10	10	0.75	9	1.76	9
1970	0.82	9	0.08	10	0.71	9	1.61	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

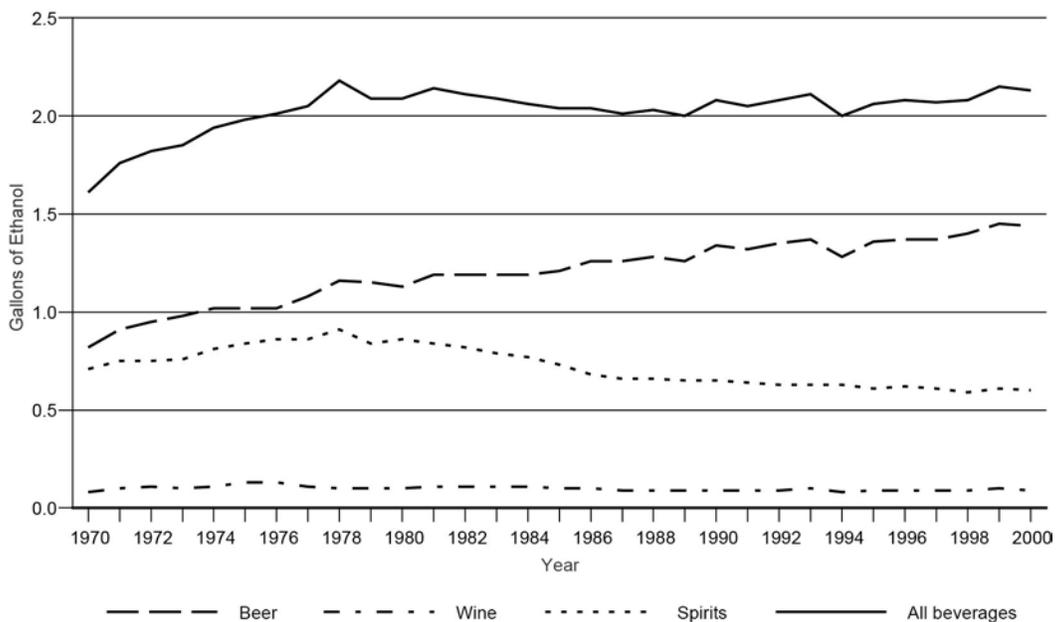


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Missouri

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.35	4	0.23	6	0.67	5	2.25	5
1999	1.35	4	0.23	7	0.66	6	2.23	6
1998	1.33	4	0.23	6	0.63	6	2.18	6
1997	1.30	5	0.22	7	0.63	6	2.15	6
1996	1.31	5	0.22	6	0.57	7	2.09	7
1995	1.31	4	0.20	7	0.62	6	2.14	6
1994	1.36	4	0.19	7	0.66	6	2.21	6
1993	1.33	5	0.20	7	0.67	6	2.20	6
1992	1.34	5	0.21	7	0.69	6	2.24	6
1991	1.35	5	0.22	7	0.64	7	2.20	7
1990	1.37	5	0.22	7	0.70	7	2.30	7
1989	1.33	5	0.22	7	0.69	7	2.24	7
1988	1.33	5	0.25	7	0.69	7	2.28	7
1987	1.36	5	0.27	6	0.72	6	2.35	7
1986	1.36	5	0.28	6	0.72	7	2.36	7
1985	1.33	5	0.26	7	0.76	7	2.36	7
1984	1.34	6	0.25	6	0.68	9	2.27	8
1983	1.37	6	0.22	6	0.78	8	2.37	8
1982	1.38	5	0.21	7	0.79	8	2.38	7
1981	1.40	5	0.21	7	0.83	8	2.45	7
1980	1.39	6	0.20	7	0.84	8	2.44	7
1979	1.37	6	0.20	7	0.86	8	2.43	7
1978	1.31	6	0.20	7	0.89	7	2.40	7
1977	1.23	6	0.19	7	0.83	8	2.25	8
1976	1.19	7	0.20	7	0.81	8	2.20	8
1975	1.21	7	0.20	7	0.89	7	2.30	7
1974	1.18	7	0.18	7	0.91	7	2.27	7
1973	1.15	7	0.20	7	0.85	7	2.20	8
1972	1.13	7	0.19	7	0.92	7	2.24	7
1971	1.13	7	0.19	7	0.94	7	2.27	7
1970	1.12	6	0.19	6	1.00	6	2.32	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

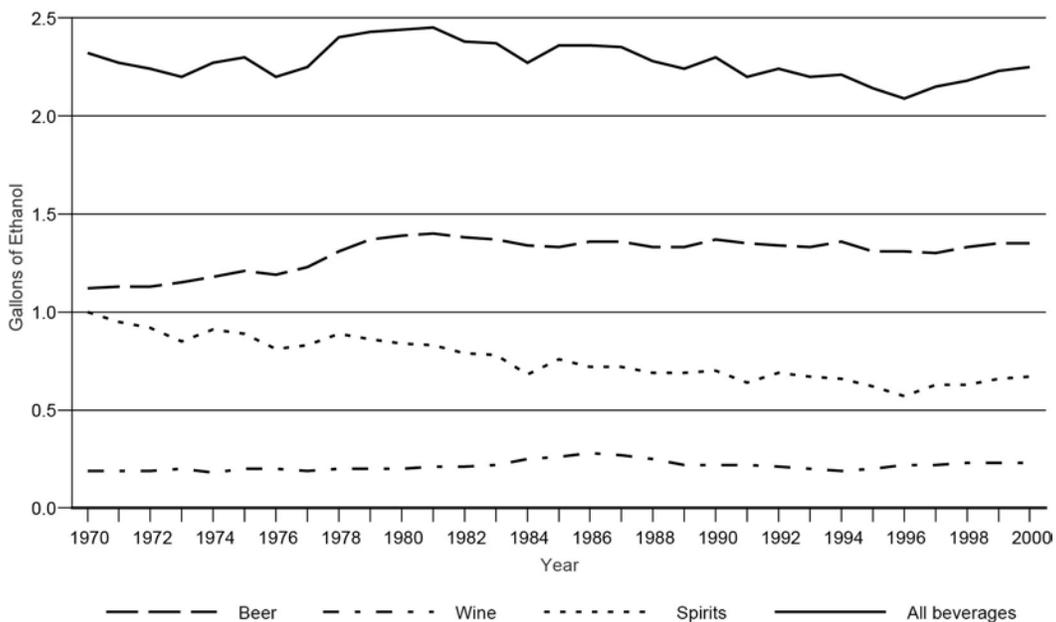


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Montana

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.55	1	0.29	5	0.68	5	2.53	2
1999	1.56	1	0.29	5	0.67	5	2.52	2
1998	1.51	1	0.28	5	0.65	5	2.44	2
1997	1.49	2	0.29	5	0.63	5	2.42	3
1996	1.49	2	0.27	5	0.64	6	2.40	3
1995	1.49	2	0.26	5	0.78	2	2.54	2
1994	1.57	1	0.24	5	0.70	5	2.51	2
1993	1.49	2	0.25	5	0.73	5	2.47	3
1992	1.59	2	0.26	5	0.75	5	2.61	2
1991	1.61	1	0.28	5	0.76	5	2.64	3
1990	1.60	2	0.29	5	0.77	6	2.67	3
1989	1.56	2	0.29	6	0.72	6	2.57	4
1988	1.59	2	0.32	6	0.76	6	2.66	4
1987	1.57	2	0.33	6	0.77	6	2.67	4
1986	1.58	2	0.34	5	0.81	6	2.73	4
1985	1.60	2	0.33	5	0.88	6	2.81	4
1984	1.70	2	0.32	5	0.93	6	2.95	3
1983	1.79	1	0.32	5	0.99	6	3.09	3
1982	1.82	1	0.32	5	1.02	5	3.17	3
1981	1.90	1	0.33	4	1.05	5	3.28	3
1980	1.82	1	0.35	4	1.04	6	3.21	3
1979	1.83	2	0.41	3	1.05	6	3.29	3
1978	1.82	1	0.20	6	1.07	6	3.10	3
1977	1.83	1	0.20	7	1.10	5	3.12	3
1976	1.78	1	0.20	7	1.12	5	3.11	3
1975	1.68	1	0.19	7	1.11	5	2.98	4
1974	1.70	1	0.17	7	1.10	5	2.96	4
1973	1.66	1	0.17	7	1.07	5	2.90	4
1972	1.52	1	0.16	8	1.05	6	2.73	4
1971	1.55	1	0.15	8	1.05	6	2.75	4
1970	1.54	1	0.13	8	1.03	6	2.70	4

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

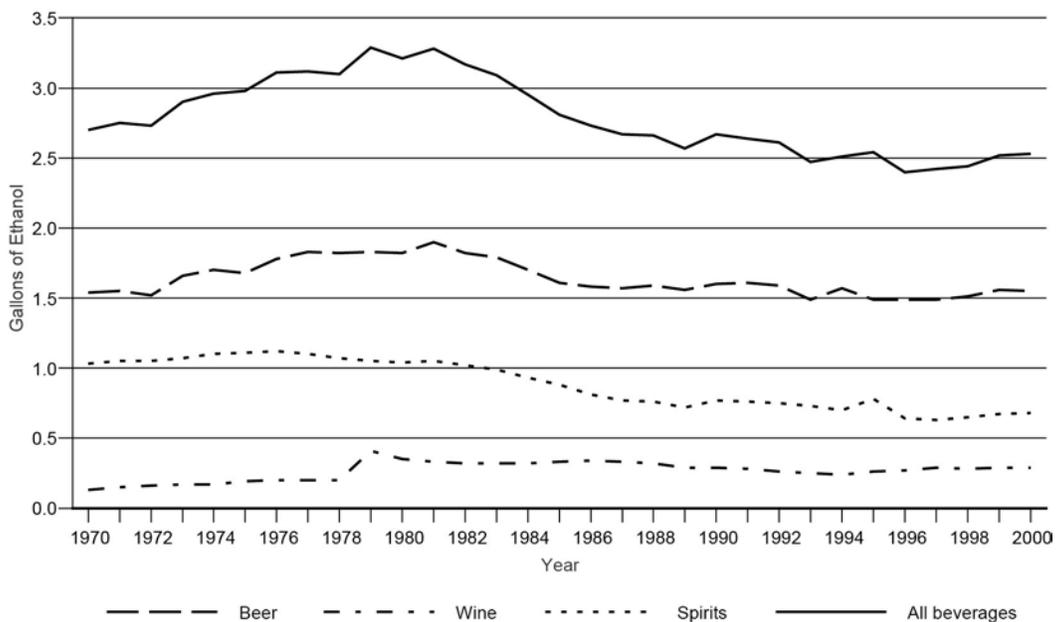


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Nebraska

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.44	3	0.17	8	0.62	6	2.23	6
1999	1.42	3	0.17	8	0.60	7	2.19	6
1998	1.39	3	0.18	8	0.58	7	2.16	6
1997	1.35	4	0.18	8	0.56	7	2.09	7
1996	1.35	4	0.18	8	0.57	7	2.11	6
1995	1.35	3	0.19	7	0.57	7	2.10	7
1994	1.39	3	0.18	7	0.57	7	2.14	7
1993	1.37	4	0.18	8	0.59	7	2.14	7
1992	1.37	4	0.18	8	0.61	7	2.16	7
1991	1.40	4	0.18	8	0.61	7	2.19	7
1990	1.41	4	0.20	8	0.64	7	2.25	7
1989	1.37	4	0.19	8	0.62	8	2.18	7
1988	1.37	5	0.22	8	0.65	8	2.23	7
1987	1.40	4	0.22	8	0.65	8	2.27	7
1986	1.38	5	0.23	8	0.67	8	2.28	7
1985	1.40	4	0.22	8	0.75	7	2.37	7
1984	1.44	4	0.20	8	0.76	7	2.41	7
1983	1.49	4	0.21	8	0.79	8	2.49	7
1982	1.50	3	0.28	6	0.58	10	2.37	8
1981	1.57	3	0.20	7	0.88	7	2.66	6
1980	1.56	3	0.19	8	0.89	7	2.64	6
1979	1.50	3	0.18	7	0.88	7	2.57	7
1978	1.47	3	0.18	7	0.89	7	2.54	7
1977	1.45	3	0.17	7	0.91	7	2.53	6
1976	1.39	4	0.17	8	0.97	7	2.54	7
1975	1.38	4	0.16	8	0.98	7	2.51	7
1974	1.38	4	0.14	8	1.01	6	2.53	6
1973	1.36	3	0.14	9	0.98	6	2.48	6
1972	1.27	4	0.16	8	0.97	6	2.40	6
1971	1.35	2	0.16	8	1.02	6	2.53	6
1970	1.28	3	0.13	8	1.01	6	2.43	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

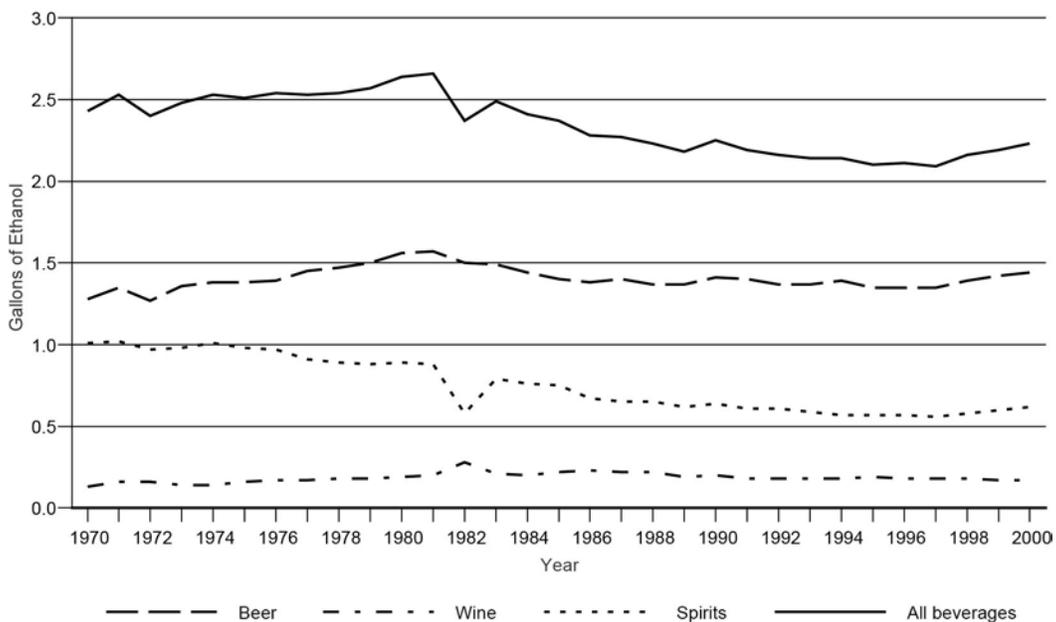


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Nevada

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.79	1	0.62	1	1.26	1	3.67	1
1999	1.82	1	0.63	1	1.29	1	3.74	1
1998	1.80	1	0.58	1	1.23	1	3.62	1
1997	1.84	1	0.58	1	1.30	1	3.72	1
1996	1.91	1	0.59	1	1.39	1	3.89	1
1995	1.87	1	0.58	1	1.39	1	3.84	1
1994	1.93	1	0.57	1	1.51	1	4.00	1
1993	1.95	1	0.58	1	1.54	1	4.06	1
1992	2.02	1	0.62	1	1.61	1	4.25	1
1991	2.05	1	0.63	1	1.63	1	4.31	1
1990	2.17	1	0.69	1	1.92	1	4.78	1
1989	2.18	1	0.73	1	1.92	1	4.83	1
1988	2.13	1	0.78	1	2.00	1	4.91	1
1987	2.05	1	0.84	1	2.09	1	4.99	1
1986	2.07	1	0.88	1	2.11	1	5.05	1
1985	1.96	1	0.84	1	2.18	1	4.99	1
1984	2.01	1	0.82	1	2.36	1	5.19	1
1983	1.98	1	0.79	1	2.45	1	5.22	1
1982	1.99	1	0.77	1	2.50	1	5.25	1
1981	2.08	1	0.80	1	2.71	1	5.59	1
1980	2.09	1	0.79	1	2.94	1	5.82	1
1979	2.28	1	0.88	1	3.28	1	6.44	1
1978	2.20	1	0.85	1	3.65	1	6.69	1
1977	2.15	1	0.83	1	3.85	1	6.84	1
1976	2.05	1	0.86	1	4.01	1	6.92	1
1975	2.00	1	0.83	1	3.94	1	6.77	1
1974	1.99	1	0.81	1	3.69	1	6.49	1
1973	1.92	1	0.78	1	3.66	1	6.36	1
1972	1.81	1	0.73	1	3.41	1	5.95	1
1971	1.74	1	0.72	1	3.23	1	5.69	1
1970	1.73	1	0.67	1	3.18	1	5.58	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

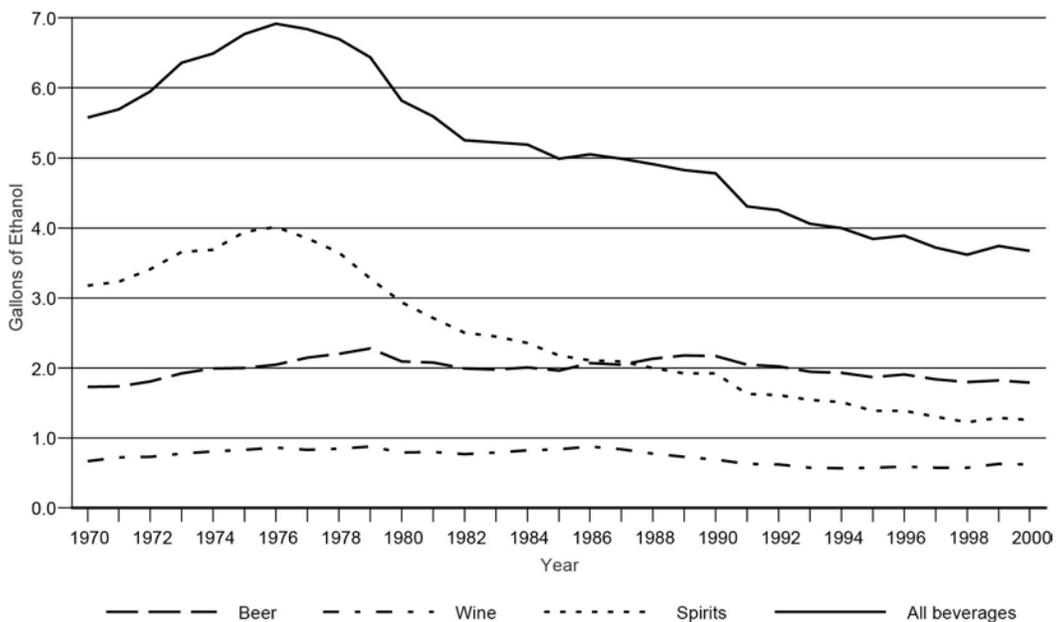


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

New Hampshire

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.75	1	0.56	1	1.69	1	4.00	1
1999	1.75	1	0.56	1	1.70	1	4.01	1
1998	1.72	1	0.54	1	1.73	1	3.98	1
1997	1.73	1	0.55	1	1.76	1	4.04	1
1996	1.73	1	0.55	1	1.85	1	4.13	1
1995	1.74	1	0.51	1	1.87	1	4.12	1
1994	1.75	1	0.48	1	1.90	1	4.13	1
1993	1.83	1	0.54	1	2.01	1	4.38	1
1992	1.81	1	0.52	1	1.96	1	4.30	1
1991	1.85	1	0.49	1	1.96	1	4.30	1
1990	1.85	1	0.49	1	1.97	1	4.30	1
1989	1.87	1	0.50	2	1.99	1	4.37	1
1988	1.91	1	0.49	3	1.94	1	4.33	1
1987	1.93	1	0.50	3	1.98	1	4.41	1
1986	1.93	1	0.52	3	2.06	1	4.51	1
1985	1.99	1	0.53	2	2.21	1	4.73	1
1984	1.99	1	0.59	1	2.33	1	4.91	1
1983	2.17	1	0.56	1	2.35	1	5.08	1
1982	1.89	1	0.58	1	2.34	1	4.81	1
1981	1.89	1	0.59	1	2.44	1	4.92	1
1980	2.21	1	0.69	1	2.86	1	5.76	1
1979	1.98	1	0.62	1	2.61	1	5.20	1
1978	1.99	1	0.54	1	2.94	1	5.46	1
1977	1.89	1	0.50	1	2.93	1	5.32	1
1976	1.89	1	0.53	1	3.00	1	5.43	1
1975	1.94	1	0.49	1	3.10	1	5.53	1
1974	1.99	1	0.41	3	2.99	1	5.39	1
1973	1.92	1	0.39	3	3.09	1	5.40	1
1972	1.79	1	0.38	3	3.10	1	5.27	1
1971	1.79	1	0.40	3	3.09	1	5.27	1
1970	1.68	1	0.32	3	2.82	1	4.82	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

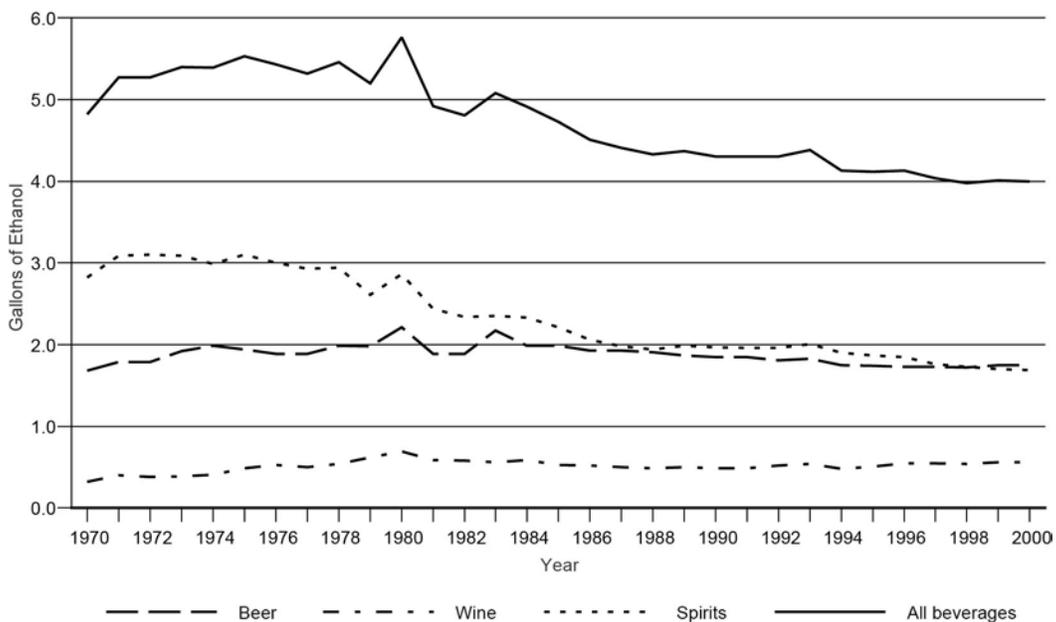


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

New Jersey

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	0.96	10	0.47	2	0.77	3	2.19	6
1999	0.97	10	0.46	2	0.71	4	2.14	7
1998	0.98	10	0.46	2	0.69	4	2.12	7
1997	0.98	10	0.42	3	0.74	3	2.15	6
1996	1.00	10	0.44	2	0.76	3	2.20	6
1995	1.03	10	0.44	2	0.75	3	2.22	5
1994	1.04	10	0.43	2	0.79	3	2.27	5
1993	1.07	10	0.42	2	0.79	3	2.29	5
1992	1.07	9	0.44	2	0.83	3	2.34	5
1991	1.09	9	0.43	2	0.82	4	2.34	6
1990	1.15	9	0.48	1	0.95	3	2.58	4
1989	1.13	9	0.50	1	0.96	2	2.59	3
1988	1.15	9	0.51	2	0.93	3	2.58	4
1987	1.18	8	0.54	2	1.01	2	2.72	4
1986	1.18	8	0.56	2	1.03	3	2.77	4
1985	1.18	8	0.55	2	1.08	3	2.81	4
1984	1.19	8	0.55	2	1.10	3	2.83	4
1983	1.21	8	0.52	2	1.13	3	2.86	4
1982	1.22	8	0.52	2	1.13	3	2.87	4
1981	1.22	8	0.51	2	1.15	4	2.87	5
1980	1.23	8	0.47	2	1.13	5	2.83	5
1979	1.18	8	0.43	3	1.10	5	2.71	6
1978	1.17	8	0.42	3	1.10	5	2.69	5
1977	1.16	8	0.40	2	1.13	5	2.69	5
1976	1.13	7	0.42	3	1.19	5	2.75	5
1975	1.16	7	0.42	3	1.22	4	2.81	5
1974	1.16	7	0.41	2	1.26	4	2.84	5
1973	1.16	7	0.41	2	1.29	4	2.86	4
1972	1.12	7	0.41	2	1.33	3	2.86	3
1971	1.16	6	0.42	2	1.36	3	2.94	3
1970	1.17	6	0.38	2	1.38	3	2.93	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

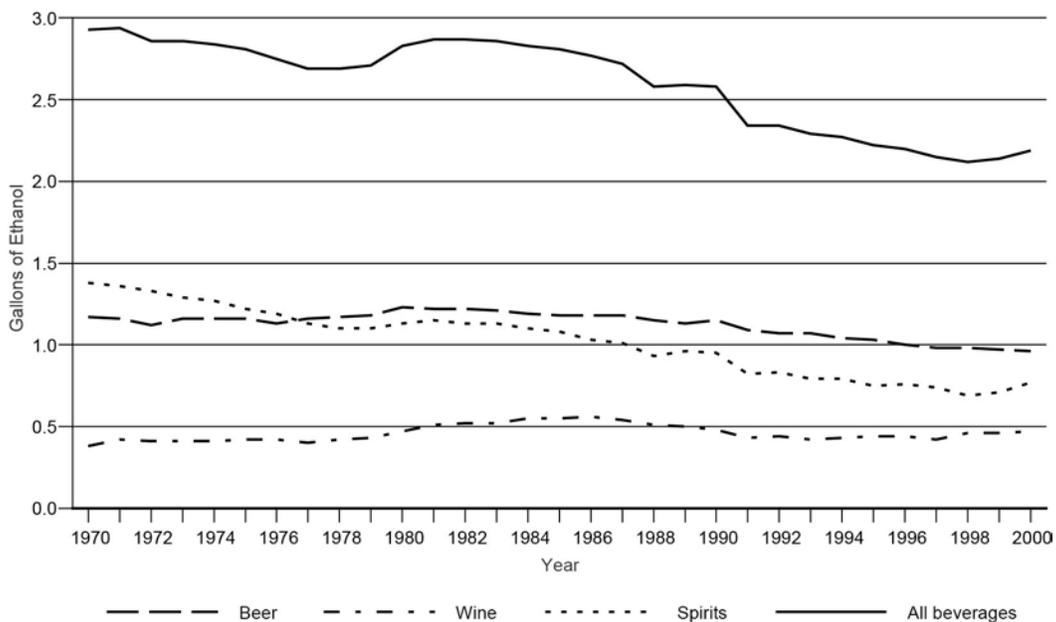


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

New Mexico

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.53	2	0.25	6	0.61	7	2.38	3
1999	1.53	2	0.25	6	0.59	7	2.36	4
1998	1.49	2	0.24	6	0.58	7	2.31	4
1997	1.51	1	0.24	6	0.58	7	2.33	3
1996	1.55	1	0.24	6	0.59	6	2.38	3
1995	1.56	1	0.24	6	0.60	6	2.40	3
1994	1.46	2	0.19	7	0.60	7	2.25	5
1993	1.53	2	0.23	6	0.63	7	2.39	3
1992	1.56	2	0.25	5	0.66	7	2.47	4
1991	1.64	1	0.26	6	0.64	7	2.54	3
1990	1.68	1	0.28	6	0.68	7	2.64	3
1989	1.64	1	0.29	6	0.65	7	2.58	4
1988	1.63	1	0.33	5	0.67	7	2.64	4
1987	1.63	2	0.35	5	0.67	7	2.64	4
1986	1.64	2	0.35	5	0.70	7	2.70	4
1985	1.70	1	0.36	5	0.77	7	2.83	4
1984	1.71	2	0.28	6	0.76	8	2.75	5
1983	1.72	2	0.31	5	0.98	6	3.00	4
1982	1.72	2	0.34	4	0.94	6	3.00	4
1981	1.74	2	0.32	5	0.95	6	3.01	4
1980	1.66	2	0.32	5	1.00	6	2.99	4
1979	1.71	2	0.30	5	1.01	6	3.02	4
1978	1.68	2	0.32	4	0.98	6	2.99	4
1977	1.65	2	0.32	4	0.96	6	2.93	4
1976	1.56	2	0.34	4	0.98	6	2.88	4
1975	1.49	2	0.35	4	1.00	6	2.85	5
1974	1.54	2	0.33	4	0.98	7	2.85	5
1973	1.37	3	0.33	4	0.95	7	2.65	5
1972	1.38	2	0.35	3	0.98	6	2.70	4
1971	1.26	4	0.38	3	0.94	7	2.58	5
1970	1.20	4	0.36	3	0.98	7	2.54	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

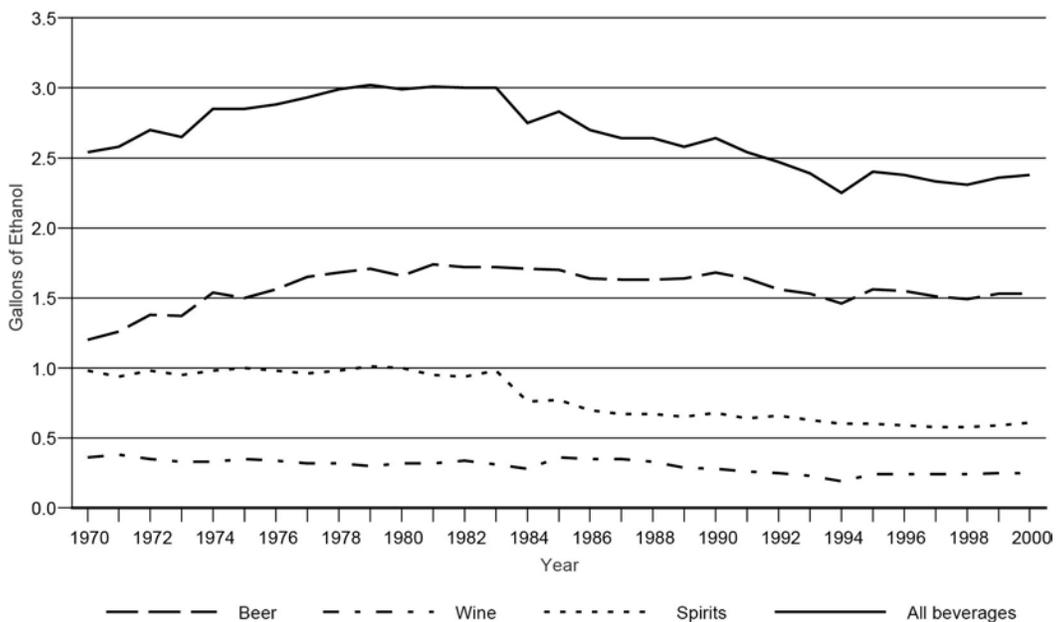


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

New York

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	0.92	10	0.38	4	0.58	7	1.88	9
1999	0.93	10	0.37	4	0.56	7	1.85	9
1998	0.95	10	0.38	4	0.51	8	1.84	9
1997	0.94	10	0.37	4	0.57	7	1.87	8
1996	0.97	10	0.36	4	0.57	7	1.90	8
1995	0.98	10	0.38	3	0.57	7	1.93	8
1994	0.98	10	0.35	4	0.60	7	1.93	8
1993	1.00	10	0.35	3	0.62	7	1.98	8
1992	1.04	10	0.37	3	0.68	6	2.09	8
1991	1.09	10	0.37	3	0.69	6	2.14	7
1990	1.13	9	0.41	3	0.76	6	2.30	7
1989	1.12	9	0.42	3	0.82	5	2.36	7
1988	1.15	8	0.45	3	0.87	5	2.47	6
1987	1.15	9	0.48	3	0.90	4	2.53	5
1986	1.13	9	0.50	3	0.92	4	2.55	6
1985	1.14	9	0.49	3	0.98	5	2.62	5
1984	1.15	9	0.49	3	1.03	4	2.67	5
1983	1.23	8	0.49	3	1.05	4	2.77	5
1982	1.26	8	0.48	3	1.10	4	2.84	5
1981	1.25	7	0.46	3	1.12	4	2.83	5
1980	1.28	7	0.46	3	1.18	4	2.91	5
1979	1.21	8	0.44	3	1.17	4	2.82	5
1978	1.18	8	0.42	3	1.17	4	2.77	5
1977	1.18	7	0.38	3	1.17	4	2.74	5
1976	1.14	7	0.44	3	1.25	4	2.83	5
1975	1.16	7	0.45	2	1.27	4	2.89	4
1974	1.17	7	0.44	2	1.30	4	2.91	4
1973	1.16	7	0.45	2	1.32	3	2.93	4
1972	1.14	6	0.44	2	1.24	4	2.81	4
1971	1.16	6	0.44	2	1.41	2	3.01	2
1970	1.17	5	0.40	1	1.42	2	3.00	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

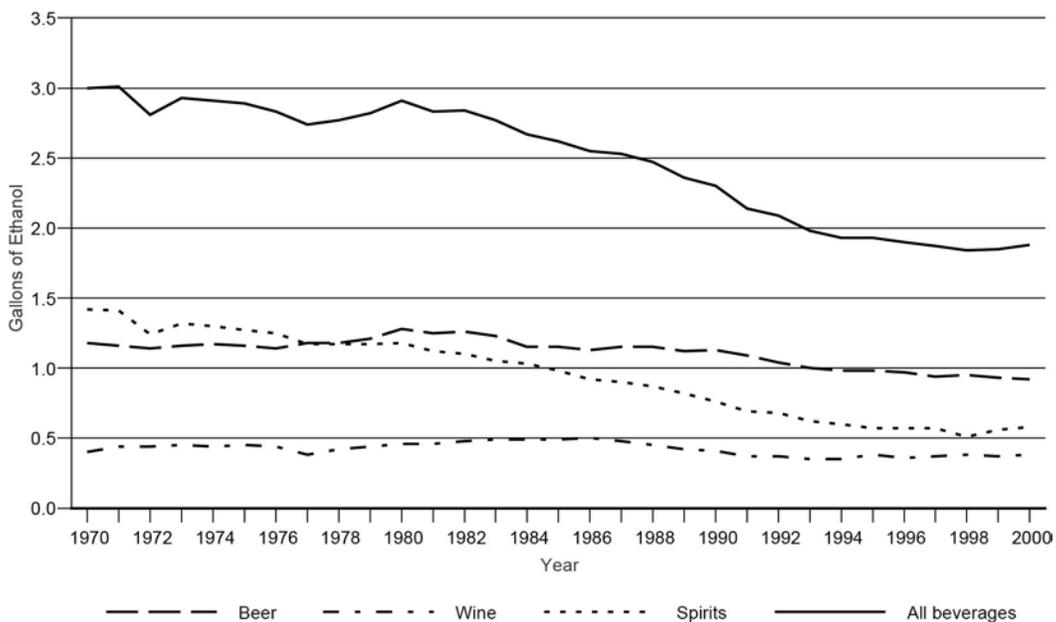


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

North Carolina

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.19	6	0.23	6	0.52	8	1.94	8
1999	1.16	8	0.24	6	0.51	9	1.90	8
1998	1.13	8	0.23	6	0.50	9	1.87	8
1997	1.15	7	0.23	6	0.51	8	1.89	8
1996	1.14	7	0.24	6	0.52	8	1.90	8
1995	1.12	9	0.22	6	0.53	8	1.86	8
1994	1.14	8	0.21	6	0.54	8	1.89	8
1993	1.14	8	0.22	6	0.56	8	1.92	9
1992	1.14	8	0.23	6	0.59	8	1.96	8
1991	1.11	9	0.24	6	0.60	7	1.96	9
1990	1.16	9	0.27	6	0.65	7	2.08	9
1989	1.13	8	0.27	6	0.66	7	2.06	8
1988	1.12	9	0.28	6	0.68	7	2.09	8
1987	1.11	9	0.28	6	0.71	7	2.10	8
1986	1.12	9	0.30	6	0.74	6	2.15	8
1985	1.09	9	0.27	6	0.76	7	2.13	8
1984	1.11	9	0.24	7	0.78	7	2.13	8
1983	1.10	9	0.22	7	0.80	7	2.12	9
1982	1.07	10	0.21	7	0.85	7	2.13	9
1981	1.10	9	0.21	7	0.86	7	2.17	9
1980	1.11	9	0.20	7	0.86	7	2.17	9
1979	1.08	9	0.22	7	0.88	7	2.18	9
1978	1.06	10	0.20	7	0.86	8	2.12	9
1977	1.01	10	0.20	6	0.84	8	2.05	8
1976	0.99	9	0.23	6	0.87	7	2.09	8
1975	0.96	10	0.23	6	0.86	7	2.05	8
1974	0.94	10	0.21	6	0.87	7	2.01	8
1973	0.87	10	0.20	6	0.87	7	1.94	8
1972	0.80	10	0.21	6	0.87	7	1.88	9
1971	0.78	10	0.20	6	0.91	7	1.88	9
1970	0.72	10	0.16	6	0.91	7	1.79	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

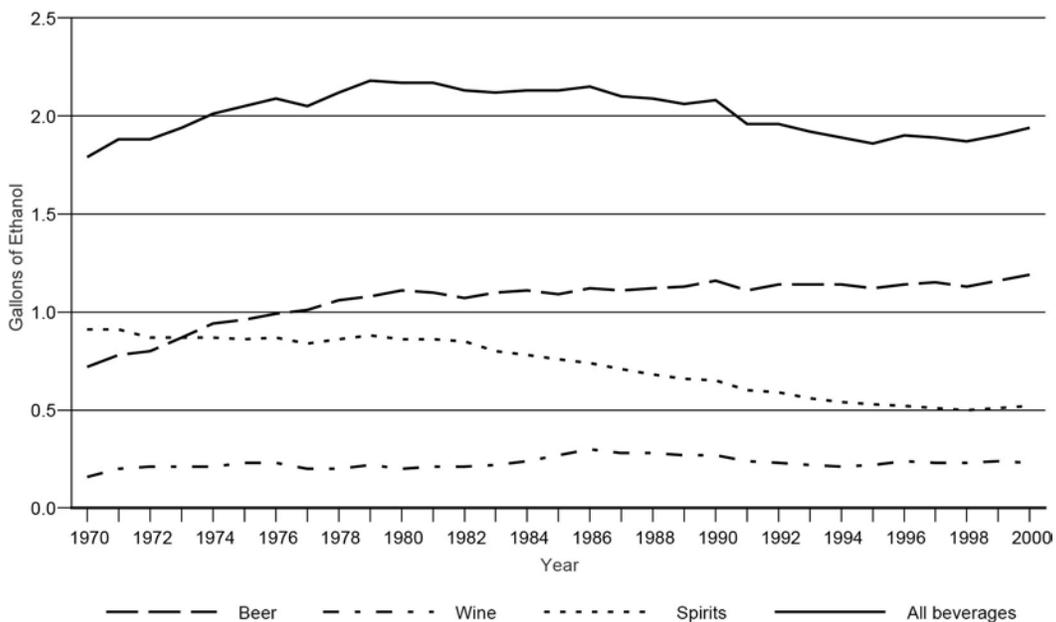


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

North Dakota

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.47	2	0.15	9	0.79	3	2.40	3
1999	1.49	2	0.15	9	0.78	3	2.42	3
1998	1.45	2	0.13	9	0.76	3	2.35	3
1997	1.40	3	0.13	9	0.77	3	2.30	4
1996	1.40	3	0.13	9	0.77	3	2.29	4
1995	1.35	3	0.16	8	0.77	3	2.28	4
1994	1.39	4	0.15	8	0.78	3	2.32	4
1993	1.37	4	0.15	8	0.84	3	2.36	4
1992	1.38	3	0.15	8	0.85	3	2.39	5
1991	1.43	3	0.16	9	0.86	3	2.44	4
1990	1.47	3	0.17	9	0.93	3	2.56	4
1989	1.38	4	0.17	8	0.84	4	2.38	6
1988	1.38	4	0.19	9	0.86	5	2.43	6
1987	1.35	5	0.20	8	0.87	5	2.42	6
1986	1.32	6	0.22	8	0.86	5	2.40	7
1985	1.33	5	0.19	8	0.96	5	2.48	7
1984	1.40	4	0.17	9	0.98	5	2.55	6
1983	1.48	4	0.17	8	1.05	5	2.71	6
1982	1.52	3	0.18	8	1.09	4	2.79	5
1981	1.53	3	0.18	9	1.14	4	2.85	5
1980	1.53	3	0.17	8	1.14	4	2.83	5
1979	1.45	4	0.16	8	1.10	5	2.71	6
1978	1.45	3	0.16	8	1.15	5	2.76	5
1977	1.35	4	0.15	8	1.12	5	2.62	6
1976	1.40	4	0.16	8	1.20	4	2.75	5
1975	1.37	4	0.15	8	1.21	4	2.73	5
1974	1.33	5	0.14	9	1.24	5	2.71	6
1973	1.28	5	0.15	9	1.16	5	2.59	6
1972	1.27	4	0.16	8	1.09	5	2.52	6
1971	1.26	4	0.12	9	1.05	5	2.43	6
1970	1.21	4	0.11	9	1.02	6	2.34	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

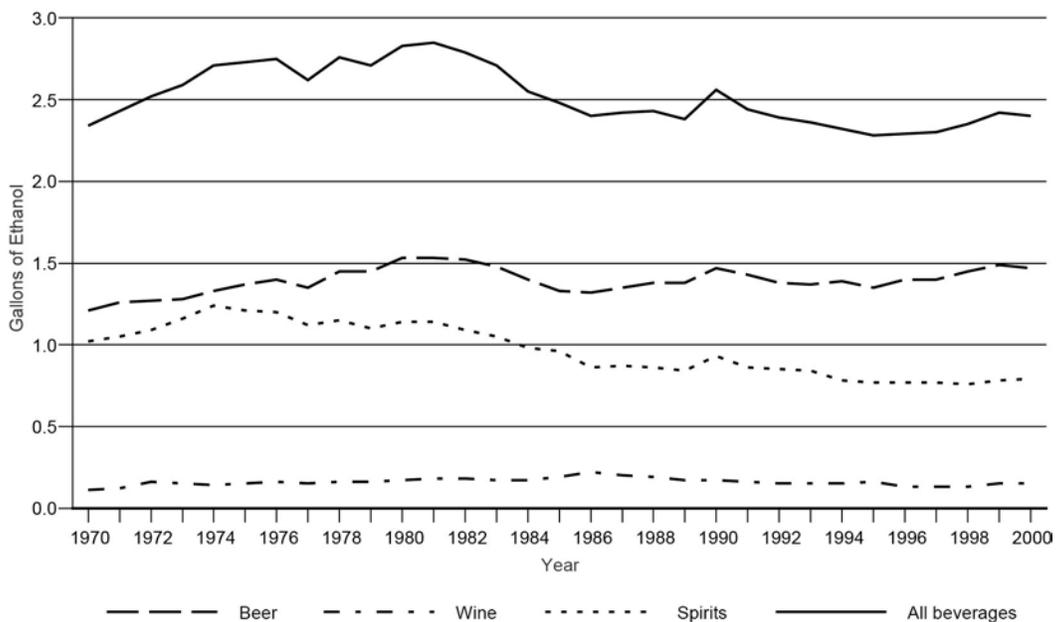


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Ohio

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.30	5	0.19	8	0.50	9	1.99	8
1999	1.32	5	0.20	7	0.48	9	2.00	8
1998	1.31	5	0.19	8	0.47	9	1.97	8
1997	1.28	5	0.18	8	0.46	9	1.91	8
1996	1.30	5	0.18	8	0.45	9	1.93	8
1995	1.28	5	0.17	8	0.46	9	1.90	8
1994	1.31	5	0.16	8	0.37	10	1.85	9
1993	1.29	5	0.16	8	0.50	9	1.95	8
1992	1.32	5	0.17	8	0.50	10	1.98	8
1991	1.33	5	0.18	8	0.51	10	2.03	8
1990	1.34	5	0.22	7	0.53	10	2.09	8
1989	1.35	5	0.22	7	0.50	10	2.07	8
1988	1.34	5	0.24	7	0.54	9	2.11	8
1987	1.35	5	0.24	7	0.59	9	2.17	8
1986	1.32	6	0.25	7	0.60	9	2.17	8
1985	1.37	5	0.25	7	0.59	10	2.20	8
1984	1.41	4	0.25	7	0.61	10	2.26	8
1983	1.36	6	0.22	7	0.65	9	2.22	8
1982	1.40	5	0.22	7	0.66	9	2.28	8
1981	1.35	6	0.22	7	0.68	10	2.25	8
1980	1.39	6	0.22	7	0.72	9	2.33	8
1979	1.36	6	0.20	7	0.71	10	2.26	8
1978	1.19	7	0.20	7	0.70	10	2.09	9
1977	1.17	8	0.18	7	0.70	10	2.04	9
1976	1.24	7	0.20	7	0.77	9	2.21	8
1975	1.24	6	0.20	7	0.78	9	2.21	8
1974	1.21	7	0.19	7	0.79	8	2.19	8
1973	1.21	6	0.20	7	0.79	8	2.20	8
1972	1.18	6	0.20	7	0.78	8	2.15	8
1971	1.20	5	0.21	6	0.81	8	2.22	7
1970	1.22	4	0.19	6	0.81	8	2.22	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

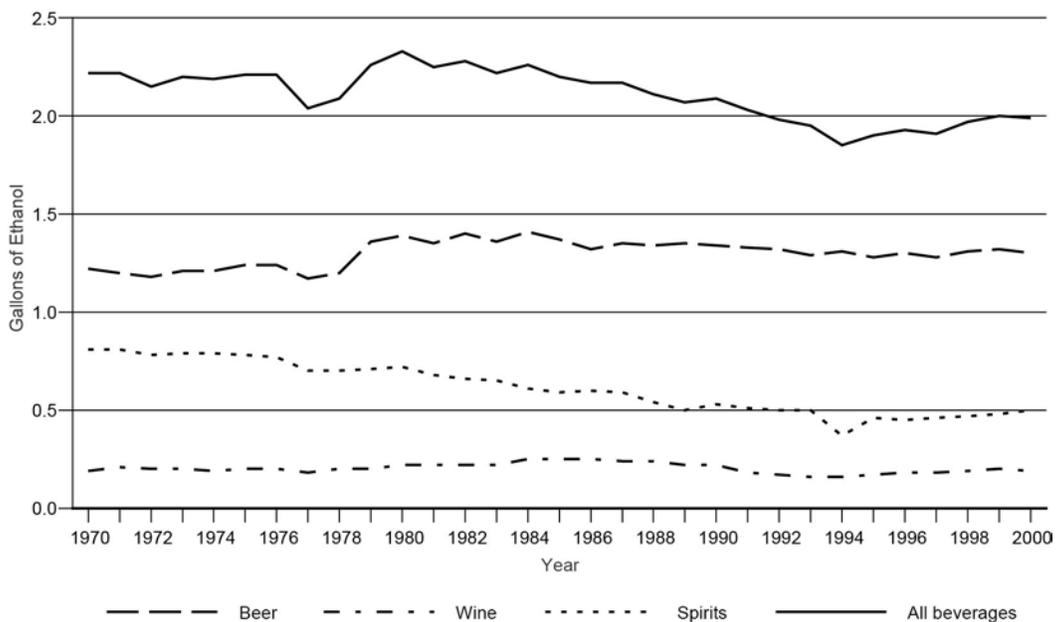


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Oklahoma

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.13	9	0.12	10	0.44	10	1.69	10
1999	1.11	8	0.12	10	0.44	10	1.68	10
1998	1.12	8	0.12	9	0.43	10	1.68	10
1997	1.10	9	0.12	9	0.43	10	1.65	10
1996	1.09	9	0.12	9	0.45	10	1.66	10
1995	1.10	9	0.12	9	0.44	10	1.66	10
1994	1.15	8	0.13	9	0.50	9	1.78	9
1993	1.11	9	0.11	9	0.48	10	1.70	10
1992	1.13	8	0.13	9	0.55	9	1.81	9
1991	1.09	10	0.13	9	0.54	9	1.76	10
1990	1.12	10	0.14	9	0.55	9	1.81	10
1989	1.05	10	0.13	9	0.53	10	1.70	10
1988	1.05	10	0.14	10	0.50	10	1.69	10
1987	1.04	10	0.15	10	0.57	10	1.76	10
1986	1.04	10	0.15	10	0.61	9	1.80	10
1985	1.04	10	0.15	9	0.68	8	1.87	10
1984	1.01	10	0.16	9	0.74	8	1.91	9
1983	1.05	10	0.16	9	0.77	8	1.98	9
1982	1.17	9	0.16	9	0.83	7	2.17	9
1981	1.14	9	0.16	9	0.83	8	2.13	9
1980	1.08	9	0.16	9	0.71	9	1.95	9
1979	1.05	10	0.13	9	0.80	8	1.98	9
1978	1.08	9	0.14	9	0.82	8	2.04	9
1977	1.07	9	0.14	9	0.78	9	1.98	9
1976	1.00	9	0.14	9	0.78	9	1.91	9
1975	0.99	9	0.15	9	0.85	8	1.99	9
1974	0.96	9	0.14	9	0.78	9	1.87	9
1973	0.90	10	0.17	8	0.80	8	1.87	9
1972	0.86	10	0.15	9	0.75	9	1.76	9
1971	0.80	10	0.17	7	0.80	8	1.77	9
1970	0.78	10	0.15	7	0.84	8	1.76	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

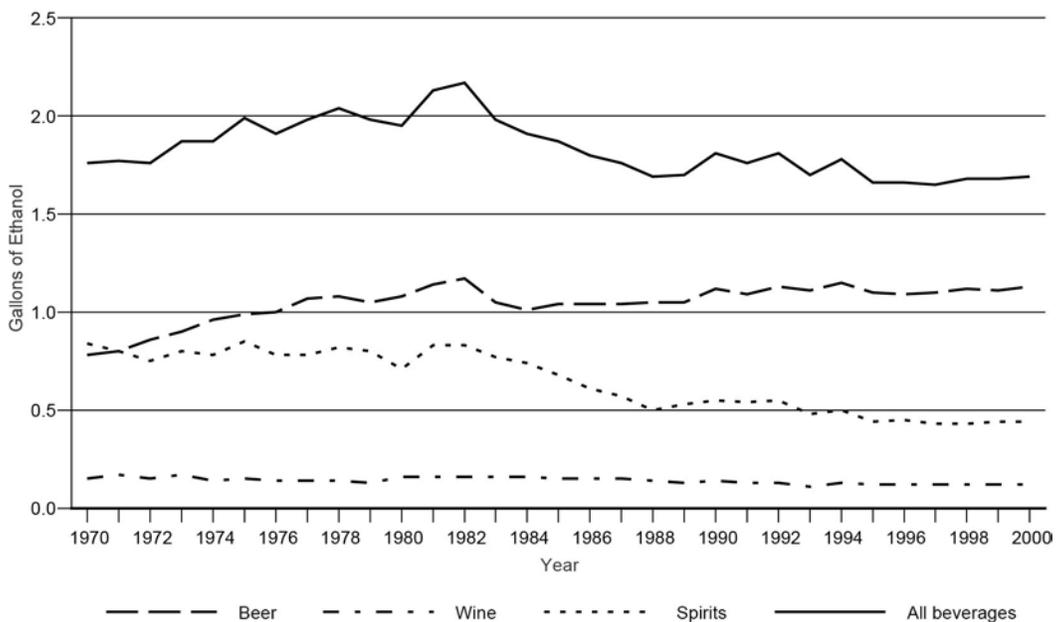


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Oregon

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.20	6	0.44	3	0.64	6	2.28	5
1999	1.21	6	0.43	3	0.63	6	2.27	5
1998	1.20	6	0.43	3	0.61	6	2.25	5
1997	1.19	6	0.44	2	0.60	6	2.24	5
1996	1.23	6	0.44	2	0.61	6	2.27	5
1995	1.21	6	0.42	2	0.59	7	2.23	5
1994	1.23	6	0.37	3	0.62	7	2.21	6
1993	1.24	6	0.43	2	0.64	6	2.31	5
1992	1.29	6	0.46	2	0.67	7	2.41	4
1991	1.28	6	0.44	2	0.67	6	2.38	5
1990	1.32	6	0.47	2	0.73	6	2.51	5
1989	1.26	6	0.46	2	0.69	6	2.41	6
1988	1.27	7	0.51	1	0.71	6	2.48	5
1987	1.26	7	0.53	2	0.72	7	2.50	6
1986	1.26	7	0.54	2	0.73	7	2.54	6
1985	1.25	7	0.55	2	0.77	7	2.57	6
1984	1.28	7	0.53	2	0.82	6	2.63	6
1983	1.31	7	0.53	2	0.85	7	2.69	6
1982	1.33	6	0.53	2	0.88	7	2.74	6
1981	1.38	6	0.50	2	0.92	7	2.80	6
1980	1.37	6	0.51	2	0.94	7	2.82	5
1979	1.39	6	0.47	2	0.96	7	2.82	5
1978	1.34	6	0.47	2	0.98	7	2.79	5
1977	1.33	6	0.46	1	0.96	7	2.74	5
1976	1.30	6	0.50	1	0.96	7	2.75	5
1975	1.28	6	0.53	1	0.95	7	2.76	5
1974	1.27	6	0.52	1	0.94	7	2.72	6
1973	1.22	6	0.49	1	0.93	7	2.64	5
1972	1.24	5	0.47	1	0.89	7	2.60	5
1971	1.21	5	0.45	2	0.91	7	2.57	6
1970	1.17	6	0.39	1	0.90	7	2.47	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

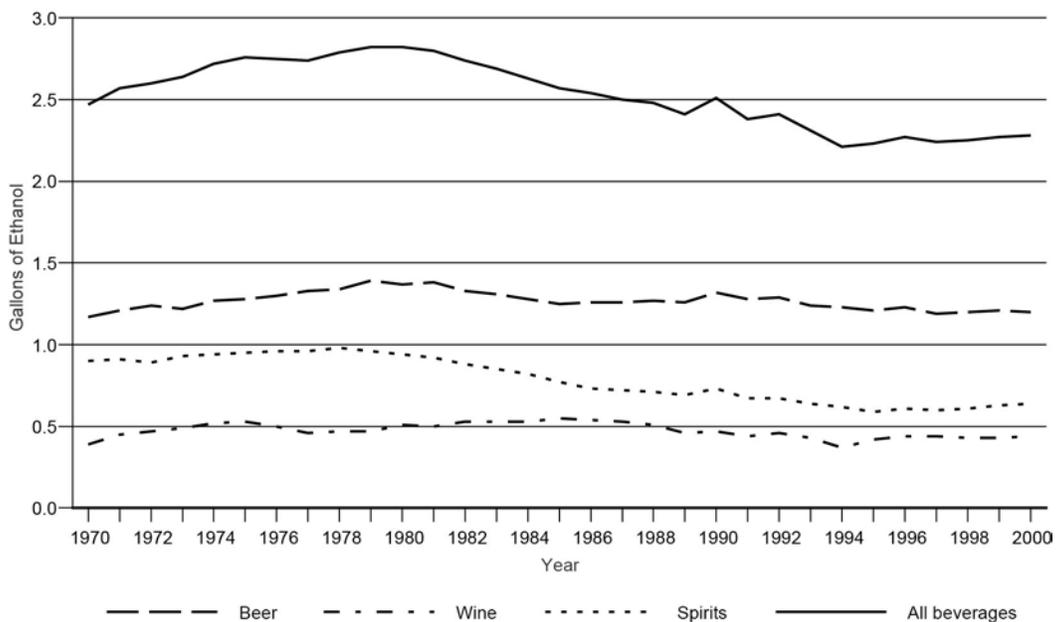


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Pennsylvania

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.21	6	0.21	7	0.47	10	1.90	9
1999	1.20	6	0.21	7	0.46	10	1.87	9
1998	1.21	6	0.19	8	0.45	10	1.86	9
1997	1.20	6	0.19	7	0.44	10	1.84	9
1996	1.22	6	0.19	7	0.45	10	1.86	9
1995	1.23	6	0.18	7	0.45	10	1.86	9
1994	1.28	5	0.18	8	0.47	9	1.93	8
1993	1.31	5	0.17	8	0.48	10	1.96	8
1992	1.30	6	0.18	8	0.51	10	1.99	8
1991	1.36	5	0.17	8	0.52	10	2.05	8
1990	1.42	4	0.18	8	0.55	9	2.15	8
1989	1.36	5	0.18	8	0.56	9	2.10	7
1988	1.39	4	0.19	8	0.53	10	2.11	8
1987	1.38	4	0.20	8	0.61	8	2.20	8
1986	1.38	4	0.21	8	0.64	8	2.23	8
1985	1.37	4	0.21	8	0.65	9	2.22	8
1984	1.37	5	0.21	8	0.66	9	2.25	8
1983	1.41	5	0.22	7	0.67	9	2.29	8
1982	1.44	5	0.23	7	0.70	9	2.36	8
1981	1.42	5	0.23	7	0.72	9	2.37	8
1980	1.45	4	0.22	6	0.71	9	2.39	8
1979	1.42	5	0.22	6	0.73	9	2.37	8
1978	1.36	5	0.21	6	0.74	9	2.32	8
1977	1.35	5	0.20	6	0.74	9	2.29	8
1976	1.32	5	0.22	6	0.79	9	2.34	7
1975	1.33	5	0.22	6	0.80	9	2.35	7
1974	1.30	5	0.22	6	0.81	8	2.33	7
1973	1.29	4	0.21	6	0.81	8	2.31	7
1972	1.27	4	0.21	6	0.80	8	2.27	7
1971	1.27	4	0.22	6	0.83	8	2.31	6
1970	1.26	3	0.19	6	0.82	8	2.28	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

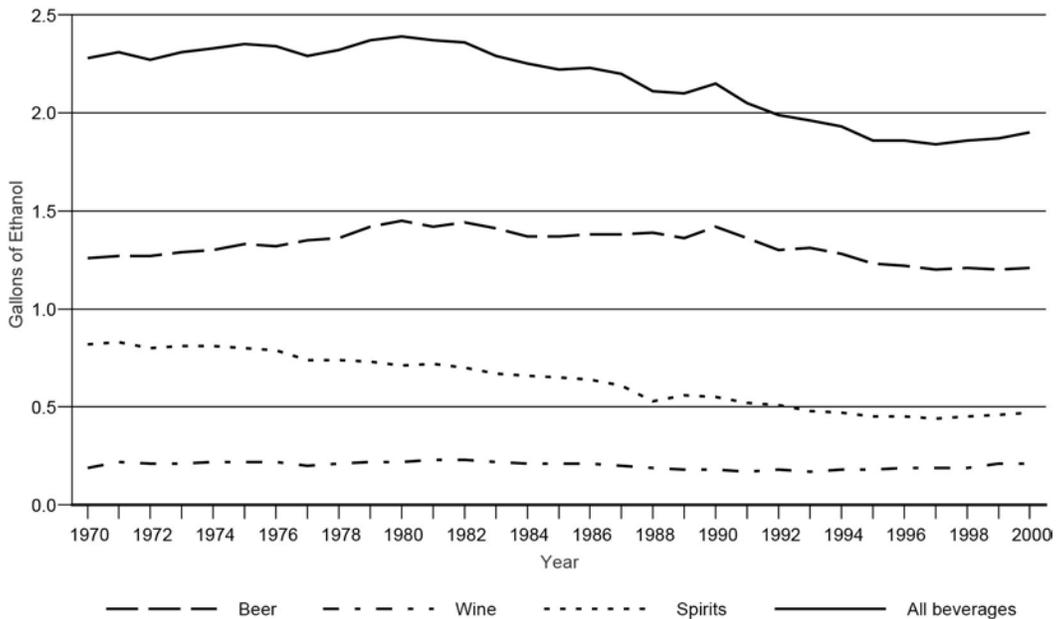


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Rhode Island

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.15	8	0.46	3	0.70	4	2.31	5
1999	1.14	8	0.45	3	0.69	5	2.28	4
1998	1.14	8	0.47	2	0.63	5	2.24	5
1997	1.22	6	0.44	2	0.64	5	2.30	4
1996	1.16	7	0.42	3	0.65	5	2.24	5
1995	1.19	6	0.38	3	0.60	6	2.17	6
1994	1.23	6	0.38	3	0.66	6	2.27	5
1993	1.22	7	0.36	3	0.69	6	2.27	6
1992	1.24	7	0.39	3	0.70	6	2.33	6
1991	1.33	5	0.37	3	0.71	6	2.41	4
1990	1.31	7	0.44	3	0.79	5	2.54	5
1989	1.37	4	0.46	3	0.87	3	2.69	3
1988	1.39	4	0.49	2	0.97	2	2.85	3
1987	1.40	4	0.52	2	0.94	3	2.85	3
1986	1.41	4	0.53	2	0.93	4	2.86	3
1985	1.40	4	0.51	2	1.03	4	2.94	3
1984	1.37	5	0.52	2	1.03	4	2.92	3
1983	1.48	4	0.50	2	1.06	4	3.04	3
1982	1.34	6	0.55	2	1.04	5	2.93	4
1981	1.36	6	0.52	2	1.04	6	2.92	4
1980	1.46	4	0.53	1	1.14	4	3.14	3
1979	1.46	4	0.50	1	1.11	5	3.07	3
1978	1.41	4	0.50	1	1.16	4	3.07	3
1977	1.39	4	0.43	2	1.12	5	2.93	4
1976	1.38	4	0.47	2	1.21	4	3.07	3
1975	1.41	4	0.46	2	1.26	4	3.12	3
1974	1.37	4	0.43	2	1.25	4	3.06	3
1973	1.32	4	0.42	2	1.19	4	2.93	3
1972	1.35	3	0.42	2	1.16	4	2.93	3
1971	1.28	3	0.45	1	1.18	4	2.91	3
1970	1.28	3	0.38	2	1.17	4	2.83	3

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

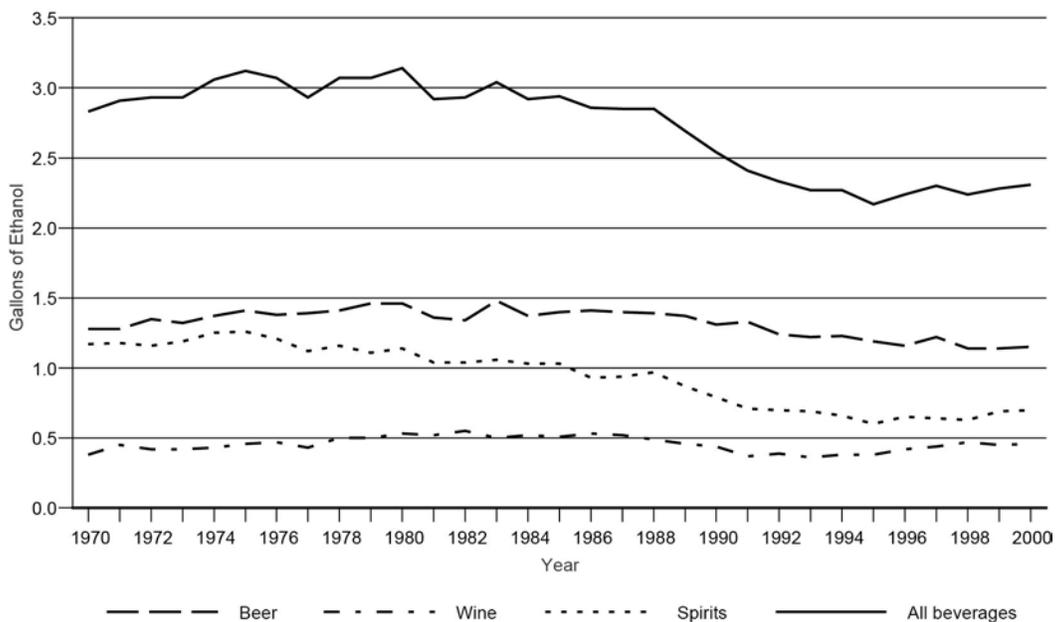


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

South Carolina

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.45	2	0.22	7	0.70	4	2.37	4
1999	1.43	3	0.22	7	0.72	4	2.38	3
1998	1.42	2	0.21	7	0.72	3	2.35	3
1997	1.40	2	0.19	7	0.71	4	2.30	4
1996	1.39	3	0.21	7	0.71	4	2.31	4
1995	1.38	3	0.18	8	0.67	5	2.23	5
1994	1.38	4	0.17	8	0.74	4	2.29	4
1993	1.36	4	0.20	7	0.75	4	2.30	5
1992	1.34	4	0.20	7	0.79	4	2.33	5
1991	1.34	5	0.22	6	0.84	3	2.41	5
1990	1.44	4	0.25	6	0.92	3	2.61	4
1989	1.37	4	0.24	7	0.86	4	2.47	5
1988	1.37	5	0.26	6	0.89	4	2.51	5
1987	1.34	6	0.27	6	0.88	4	2.49	6
1986	1.30	6	0.27	6	0.92	4	2.50	6
1985	1.26	7	0.25	7	0.99	4	2.49	6
1984	1.26	7	0.24	7	1.00	5	2.50	7
1983	1.26	8	0.20	8	1.01	5	2.47	7
1982	1.24	8	0.20	8	1.00	5	2.44	7
1981	1.25	7	0.19	8	1.05	5	2.49	7
1980	1.22	8	0.18	8	1.06	6	2.46	7
1979	1.25	7	0.17	8	1.18	4	2.60	7
1978	1.20	7	0.17	8	1.21	3	2.59	6
1977	1.17	7	0.17	7	1.14	4	2.49	7
1976	1.12	8	0.20	7	1.19	5	2.52	7
1975	1.09	8	0.22	6	1.08	5	2.39	7
1974	1.06	8	0.19	7	1.10	5	2.36	7
1973	1.00	9	0.20	6	1.09	5	2.29	7
1972	0.92	9	0.21	6	1.09	5	2.22	7
1971	0.86	9	0.19	7	1.11	4	2.16	8
1970	0.80	9	0.16	7	1.09	5	2.04	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

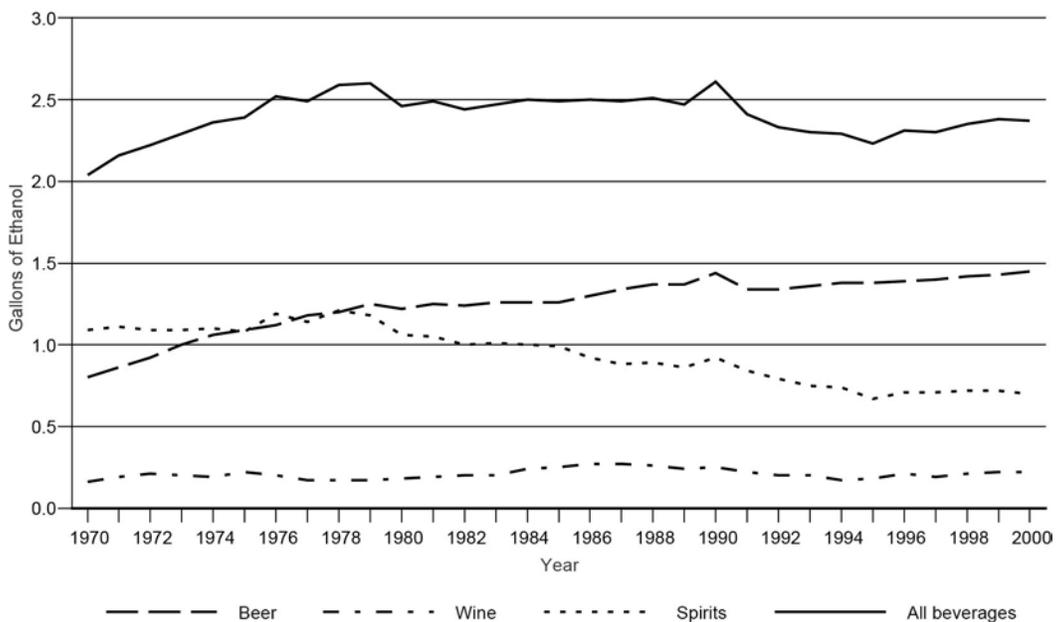


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

South Dakota

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.44	3	0.15	9	0.68	5	2.27	5
1999	1.43	3	0.14	9	0.70	4	2.27	5
1998	1.42	3	0.13	9	0.68	4	2.24	5
1997	1.36	4	0.13	9	0.69	4	2.18	6
1996	1.36	4	0.13	9	0.68	5	2.18	6
1995	1.34	4	0.12	9	0.73	4	2.20	6
1994	1.38	4	0.12	9	0.73	4	2.24	5
1993	1.35	4	0.12	9	0.73	5	2.20	6
1992	1.37	4	0.15	9	0.74	5	2.26	6
1991	1.37	4	0.15	9	0.76	5	2.27	6
1990	1.36	5	0.18	9	0.80	5	2.34	6
1989	1.25	7	0.15	9	0.70	6	2.09	8
1988	1.21	8	0.16	9	0.76	6	2.13	8
1987	1.24	8	0.19	9	0.79	6	2.22	8
1986	1.22	8	0.19	9	0.81	6	2.23	8
1985	1.22	7	0.18	8	0.94	6	2.34	8
1984	1.27	7	0.17	8	0.89	6	2.33	7
1983	1.30	7	0.17	8	0.95	6	2.43	7
1982	1.29	7	0.18	8	0.98	6	2.45	7
1981	1.32	7	0.19	8	1.05	5	2.56	7
1980	1.30	7	0.18	8	1.07	5	2.56	7
1979	1.23	8	0.17	8	1.04	6	2.44	7
1978	1.19	7	0.17	8	1.05	6	2.42	7
1977	1.15	8	0.17	8	1.06	6	2.38	7
1976	1.13	7	0.17	8	1.06	6	2.37	7
1975	1.09	8	0.17	8	1.03	6	2.28	8
1974	1.07	8	0.16	8	1.01	6	2.24	8
1973	1.04	7	0.16	8	1.02	6	2.21	7
1972	1.02	7	0.16	7	0.91	7	2.09	8
1971	0.97	8	0.16	8	0.97	6	2.10	8
1970	0.93	8	0.13	8	0.90	7	1.97	8

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

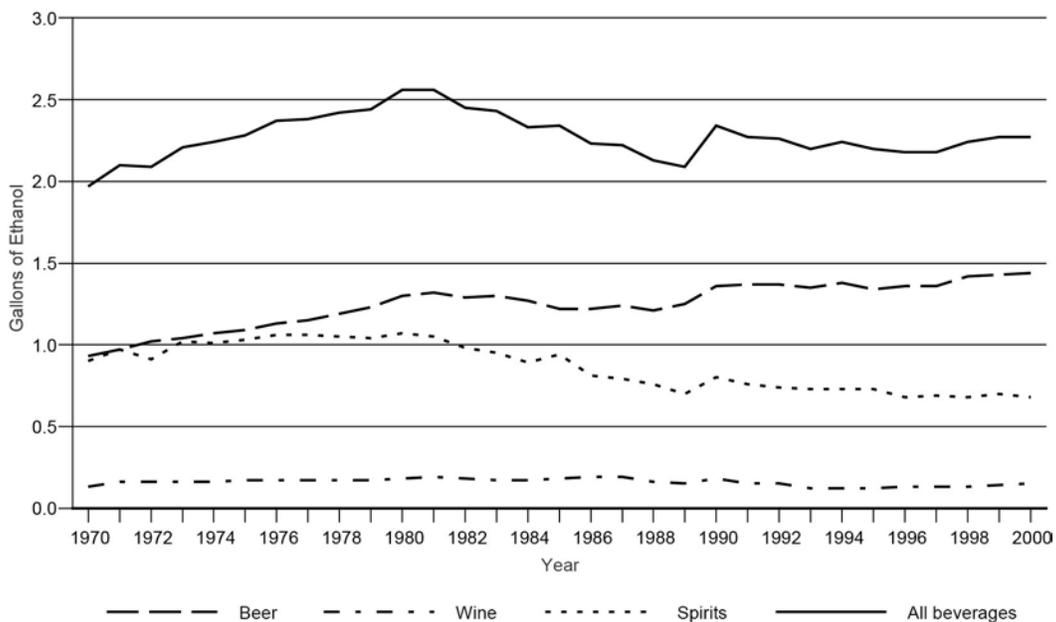


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Tennessee

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.21	6	0.15	9	0.50	9	1.86	9
1999	1.21	6	0.15	9	0.49	9	1.86	9
1998	1.19	6	0.15	9	0.50	9	1.84	9
1997	1.16	7	0.16	8	0.50	9	1.82	9
1996	1.18	6	0.15	8	0.51	8	1.84	9
1995	1.18	7	0.15	8	0.52	8	1.84	9
1994	1.18	7	0.15	9	0.53	8	1.86	9
1993	1.20	7	0.14	9	0.54	9	1.87	9
1992	1.21	7	0.14	9	0.56	9	1.90	9
1991	1.19	7	0.13	9	0.54	9	1.87	9
1990	1.22	8	0.14	9	0.60	8	1.96	9
1989	1.18	8	0.14	9	0.59	8	1.90	9
1988	1.20	8	0.14	9	0.60	8	1.95	9
1987	1.17	8	0.15	9	0.62	8	1.94	9
1986	1.17	8	0.16	9	0.63	9	1.96	9
1985	1.11	9	0.16	9	0.67	9	1.94	9
1984	1.11	9	0.15	9	0.70	8	1.95	9
1983	1.10	10	0.14	9	0.69	9	1.93	10
1982	1.13	9	0.14	9	0.70	9	1.96	10
1981	1.14	9	0.13	10	0.72	9	1.98	10
1980	1.10	9	0.12	10	0.69	10	1.92	9
1979	1.14	9	0.11	9	0.73	10	1.98	9
1978	1.16	8	0.11	10	0.72	10	1.99	9
1977	1.10	9	0.10	10	0.71	10	1.91	10
1976	1.06	8	0.11	10	0.74	10	1.91	9
1975	1.09	8	0.12	10	0.72	10	1.92	10
1974	1.07	8	0.11	10	0.70	10	1.88	9
1973	1.03	8	0.12	9	0.68	10	1.83	9
1972	0.97	8	0.11	10	0.63	10	1.70	10
1971	0.94	8	0.10	9	0.60	10	1.64	10
1970	0.87	8	0.06	10	0.58	10	1.52	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

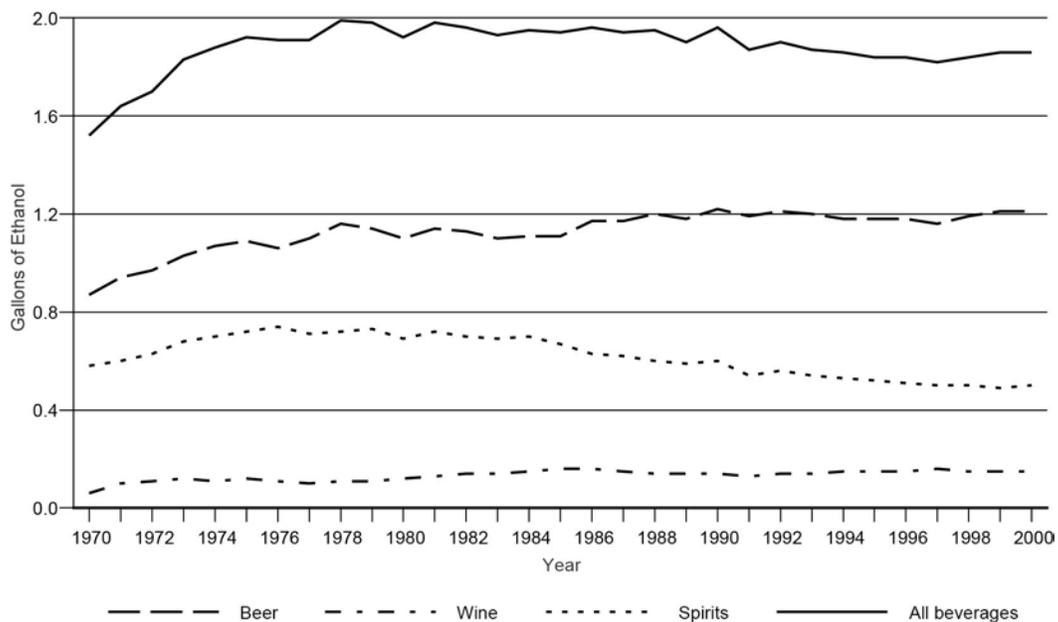


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Texas

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.53	1	0.22	7	0.50	9	2.25	6
1999	1.54	1	0.20	7	0.49	9	2.23	6
1998	1.53	1	0.23	7	0.49	9	2.25	5
1997	1.54	1	0.20	7	0.47	9	2.22	5
1996	1.56	1	0.22	7	0.49	9	2.26	5
1995	1.55	1	0.19	7	0.49	9	2.23	5
1994	1.60	1	0.20	7	0.51	9	2.31	4
1993	1.60	1	0.20	7	0.53	9	2.33	4
1992	1.65	1	0.24	6	0.55	9	2.45	4
1991	1.60	2	0.25	6	0.55	9	2.40	5
1990	1.64	2	0.26	6	0.58	9	2.47	6
1989	1.62	2	0.26	6	0.58	8	2.46	5
1988	1.61	2	0.28	6	0.59	9	2.47	6
1987	1.61	2	0.29	6	0.61	9	2.51	6
1986	1.67	2	0.31	6	0.65	8	2.63	5
1985	1.68	2	0.30	6	0.73	8	2.70	5
1984	1.74	1	0.28	6	0.79	7	2.82	4
1983	1.73	2	0.27	6	0.79	7	2.79	5
1982	1.83	1	0.18	8	0.84	7	2.85	4
1981	1.84	2	0.24	6	0.85	7	2.93	4
1980	1.77	2	0.22	7	0.81	8	2.80	6
1979	1.76	2	0.14	9	0.87	7	2.77	5
1978	1.70	2	0.14	9	0.84	8	2.68	6
1977	1.63	2	0.14	8	0.81	8	2.58	6
1976	1.56	2	0.20	7	0.81	8	2.58	6
1975	1.57	2	0.20	7	0.80	9	2.56	6
1974	1.53	2	0.20	6	0.78	9	2.50	6
1973	1.45	2	0.20	6	0.75	9	2.39	6
1972	1.40	2	0.20	6	0.73	9	2.34	7
1971	1.36	2	0.19	7	0.74	9	2.29	7
1970	1.31	2	0.17	6	0.74	9	2.22	7

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

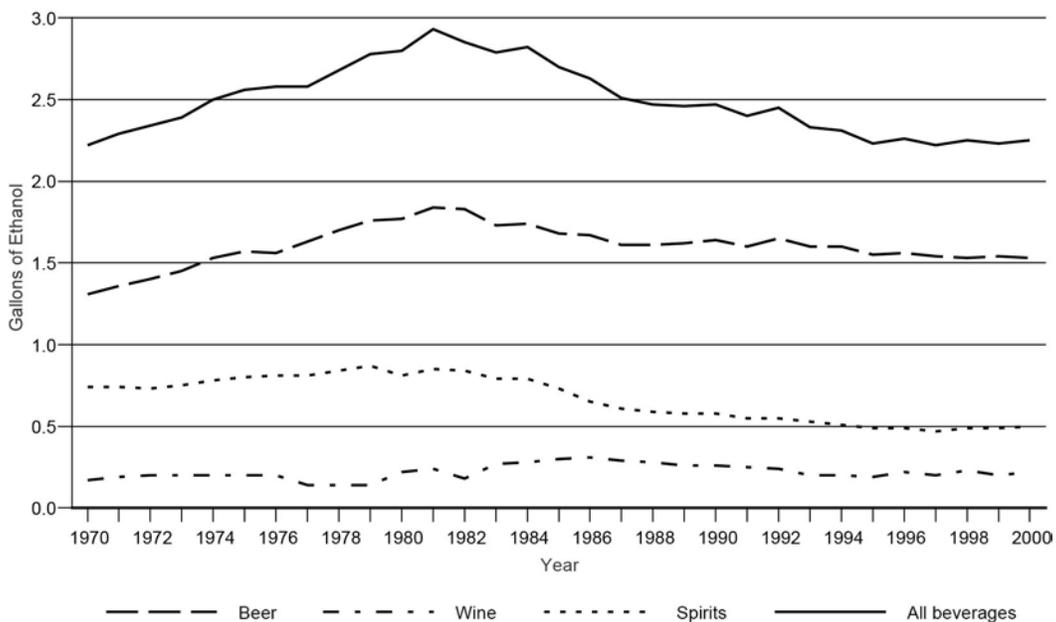


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Utah

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	0.77	10	0.11	10	0.40	10	1.27	10
1999	0.79	10	0.10	10	0.38	10	1.27	10
1998	0.73	10	0.10	10	0.37	10	1.20	10
1997	0.76	10	0.10	10	0.39	10	1.25	10
1996	0.77	10	0.10	10	0.37	10	1.24	10
1995	0.75	10	0.09	10	0.37	10	1.21	10
1994	0.76	10	0.09	10	0.38	10	1.24	10
1993	0.78	10	0.11	10	0.39	10	1.28	10
1992	0.79	10	0.12	10	0.42	10	1.33	10
1991	0.80	10	0.12	10	0.43	10	1.34	10
1990	0.80	10	0.12	10	0.46	10	1.39	10
1989	0.82	10	0.13	9	0.47	10	1.42	10
1988	0.83	10	0.14	9	0.49	10	1.45	10
1987	0.84	10	0.15	9	0.50	10	1.49	10
1986	0.89	10	0.17	9	0.52	10	1.58	10
1985	0.90	10	0.15	9	0.53	10	1.58	10
1984	0.88	10	0.14	9	0.52	10	1.53	10
1983	0.88	10	0.14	9	0.50	10	1.52	10
1982	1.01	10	0.15	9	0.55	10	1.71	10
1981	1.01	10	0.15	9	0.58	10	1.74	10
1980	0.96	10	0.14	9	0.60	10	1.71	10
1979	0.97	10	0.16	8	0.62	10	1.75	10
1978	0.96	10	0.15	8	0.61	10	1.72	10
1977	0.97	10	0.14	8	0.59	10	1.70	10
1976	0.93	10	0.15	9	0.60	10	1.68	10
1975	0.89	10	0.15	9	0.59	10	1.63	10
1974	0.90	10	0.14	8	0.57	10	1.61	10
1973	0.82	10	0.15	8	0.58	10	1.56	10
1972	0.79	10	0.15	8	0.57	10	1.52	10
1971	0.77	10	0.15	8	0.58	10	1.50	10
1970	0.75	10	0.12	8	0.57	10	1.44	10

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

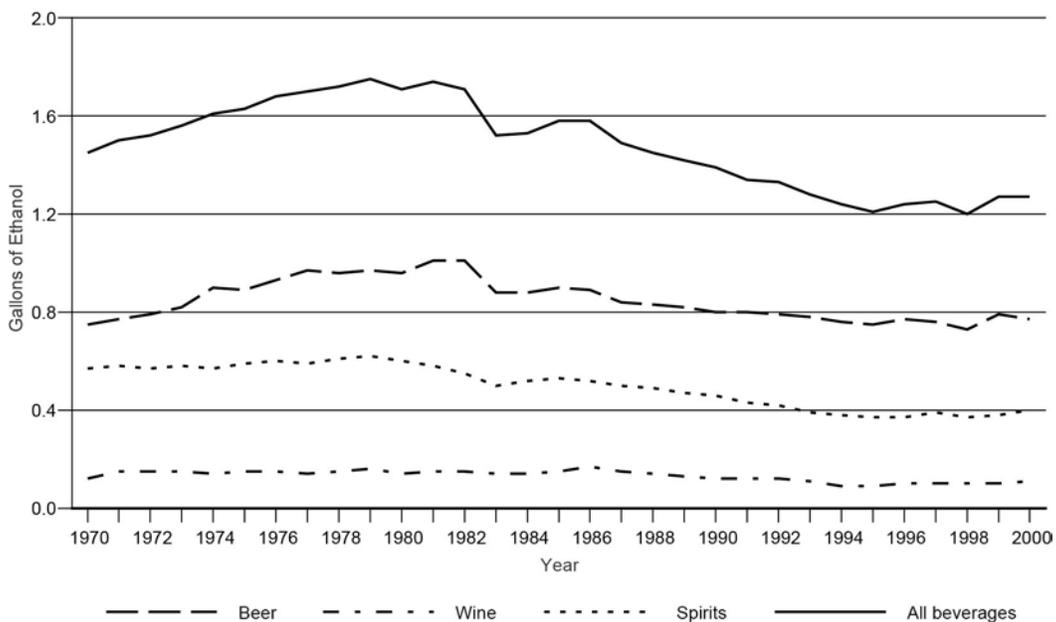


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Vermont

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.23	6	0.47	2	0.63	6	2.34	4
1999	1.23	6	0.47	2	0.62	6	2.32	4
1998	1.25	5	0.47	2	0.62	6	2.34	4
1997	1.23	5	0.46	2	0.63	6	2.33	4
1996	1.29	5	0.46	2	0.64	6	2.38	3
1995	1.27	5	0.41	2	0.66	5	2.34	3
1994	1.34	5	0.42	2	0.74	4	2.50	3
1993	1.34	4	0.44	2	0.74	4	2.52	2
1992	1.35	4	0.44	2	0.78	4	2.57	3
1991	1.41	3	0.46	1	0.82	3	2.69	2
1990	1.47	3	0.48	2	0.85	4	2.80	2
1989	1.45	3	0.51	1	0.88	3	2.84	2
1988	1.51	2	0.56	1	0.93	3	3.00	2
1987	1.55	2	0.58	1	0.98	3	3.11	1
1986	1.55	2	0.59	1	1.04	2	3.17	1
1985	1.49	3	0.55	2	1.09	3	3.13	2
1984	1.48	3	0.49	3	1.15	2	3.12	2
1983	1.52	3	0.50	2	1.19	2	3.21	2
1982	1.49	4	0.50	2	1.25	2	3.24	2
1981	1.49	4	0.50	2	1.33	2	3.32	2
1980	1.43	5	0.48	2	1.39	2	3.30	2
1979	1.57	3	0.47	2	1.50	2	3.54	1
1978	1.53	2	0.47	2	1.59	1	3.59	1
1977	1.42	3	0.44	2	1.58	1	3.44	1
1976	1.43	3	0.50	2	1.76	1	3.68	1
1975	1.42	3	0.49	2	1.83	1	3.73	1
1974	1.39	3	0.48	1	1.84	1	3.71	1
1973	1.45	2	0.46	1	1.87	1	3.78	1
1972	1.53	1	0.45	1	1.86	1	3.84	1
1971	1.51	1	0.48	1	1.81	1	3.79	1
1970	1.38	2	0.39	2	1.73	2	3.50	1

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

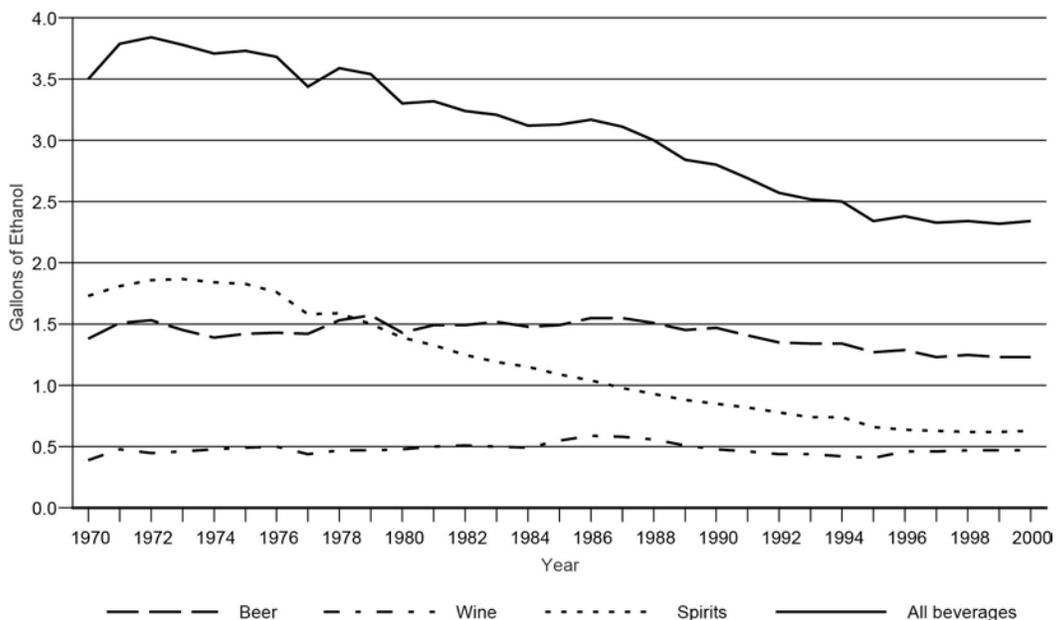


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Virginia

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.16	8	0.31	5	0.50	10	1.97	8
1999	1.18	7	0.32	5	0.47	10	1.96	8
1998	1.18	6	0.29	5	0.47	9	1.94	8
1997	1.13	8	0.29	5	0.48	9	1.90	8
1996	1.13	8	0.30	5	0.49	9	1.92	8
1995	1.15	7	0.29	5	0.49	9	1.93	8
1994	1.20	7	0.27	5	0.51	9	1.99	8
1993	1.24	6	0.27	5	0.54	9	2.05	8
1992	1.25	7	0.28	5	0.57	8	2.10	7
1991	1.20	7	0.28	5	0.58	8	2.06	8
1990	1.25	7	0.30	5	0.62	8	2.18	8
1989	1.23	7	0.31	5	0.65	7	2.19	7
1988	1.31	6	0.25	7	0.68	7	2.24	7
1987	1.40	4	0.26	7	0.71	7	2.36	7
1986	1.52	3	0.27	7	0.73	7	2.53	6
1985	1.46	4	0.30	6	0.79	6	2.55	6
1984	1.46	4	0.29	6	0.80	7	2.55	6
1983	1.47	4	0.27	6	0.82	7	2.57	6
1982	1.45	4	0.27	6	0.86	7	2.59	6
1981	1.23	8	0.27	6	0.89	7	2.39	7
1980	1.23	8	0.25	6	0.91	7	2.39	7
1979	1.23	7	0.25	6	0.92	7	2.40	8
1978	1.22	7	0.21	6	0.90	7	2.33	8
1977	1.19	7	0.21	6	0.90	7	2.30	7
1976	1.13	8	0.24	6	0.95	7	2.32	8
1975	1.14	7	0.25	5	0.96	7	2.35	7
1974	1.10	7	0.22	6	0.98	6	2.31	7
1973	1.03	8	0.25	5	0.99	6	2.28	7
1972	0.97	8	0.21	6	0.98	6	2.16	8
1971	1.04	7	0.23	6	1.01	6	2.29	7
1970	1.11	7	0.20	5	1.02	6	2.33	6

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

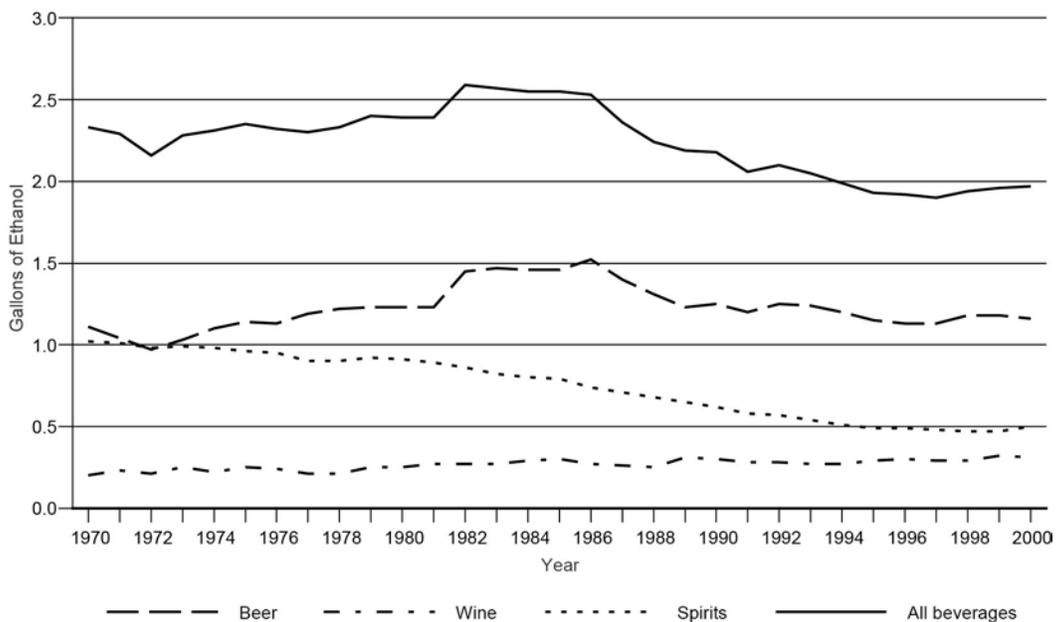


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Washington

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.09	9	0.41	3	0.66	6	2.16	7
1999	1.10	9	0.40	3	0.63	6	2.13	7
1998	1.12	9	0.43	3	0.63	6	2.18	6
1997	1.11	9	0.42	3	0.63	6	2.16	6
1996	1.13	8	0.40	3	0.63	6	2.16	6
1995	1.14	8	0.40	2	0.63	6	2.17	6
1994	1.18	7	0.39	2	0.65	6	2.23	6
1993	1.19	7	0.39	2	0.69	6	2.27	5
1992	1.26	6	0.46	1	0.72	6	2.44	4
1991	1.23	7	0.43	2	0.73	6	2.39	5
1990	1.27	7	0.46	2	0.76	6	2.49	5
1989	1.24	7	0.47	2	0.75	6	2.45	5
1988	1.22	8	0.50	2	0.77	6	2.49	5
1987	1.23	8	0.56	1	0.79	6	2.58	5
1986	1.23	8	0.61	1	0.82	6	2.65	5
1985	1.22	8	0.59	1	0.87	6	2.68	5
1984	1.24	8	0.57	2	0.91	6	2.71	5
1983	1.29	7	0.54	2	0.94	6	2.76	5
1982	1.33	7	0.53	2	0.99	6	2.85	4
1981	1.38	6	0.54	2	1.05	5	2.97	4
1980	1.52	3	0.52	2	1.08	5	3.12	3
1979	1.41	5	0.48	2	1.10	5	2.99	4
1978	1.39	4	0.48	2	1.09	5	2.96	4
1977	1.36	4	0.45	2	1.08	5	2.89	4
1976	1.36	4	0.48	2	1.11	6	2.95	4
1975	1.34	5	0.46	2	1.10	5	2.90	4
1974	1.34	4	0.44	2	1.07	6	2.85	4
1973	1.30	4	0.43	2	1.03	6	2.76	5
1972	1.24	5	0.43	2	1.00	6	2.67	5
1971	1.23	4	0.44	2	1.06	5	2.73	4
1970	1.19	5	0.39	2	1.08	5	2.66	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

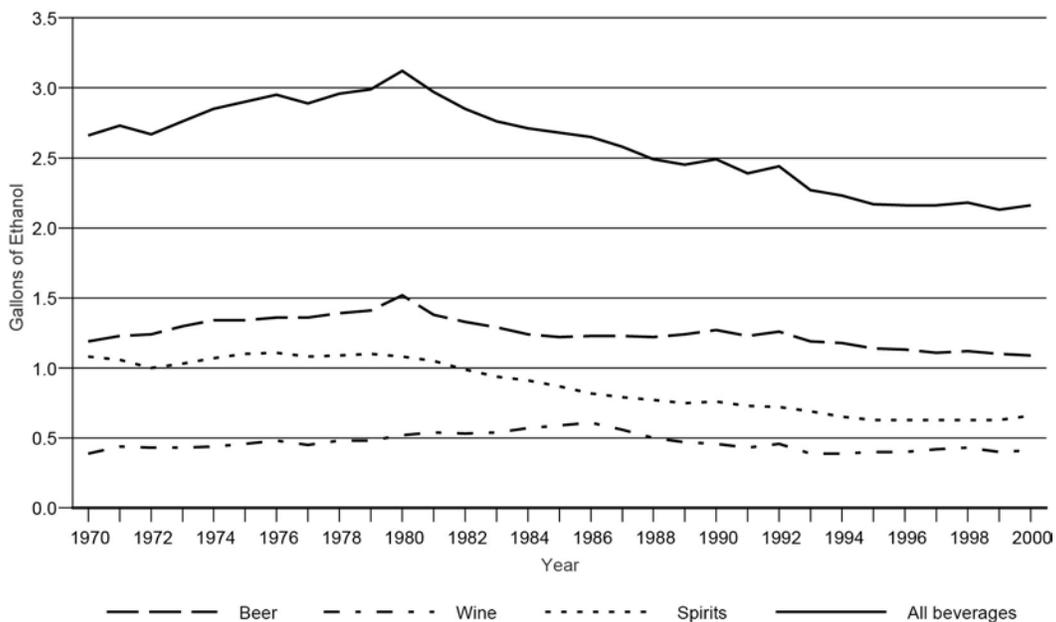


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

West Virginia

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.18	7	0.10	10	0.35	10	1.64	10
1999	1.18	7	0.10	10	0.37	10	1.66	10
1998	1.17	7	0.10	10	0.36	10	1.63	10
1997	1.14	8	0.10	10	0.37	10	1.60	10
1996	1.14	8	0.10	10	0.37	10	1.61	10
1995	1.14	8	0.09	10	0.38	10	1.61	10
1994	1.17	7	0.08	10	0.39	10	1.64	10
1993	1.18	7	0.08	10	0.40	10	1.67	10
1992	1.16	8	0.09	10	0.41	10	1.66	10
1991	1.18	8	0.09	10	0.43	10	1.70	10
1990	1.20	8	0.10	10	0.42	10	1.72	10
1989	1.12	9	0.11	10	0.38	10	1.60	10
1988	1.12	9	0.12	10	0.40	10	1.64	10
1987	1.11	9	0.13	10	0.41	10	1.64	10
1986	1.10	9	0.13	10	0.41	10	1.64	10
1985	1.11	9	0.13	10	0.42	10	1.66	10
1984	1.12	9	0.12	10	0.44	10	1.68	10
1983	1.13	9	0.13	10	0.48	10	1.74	10
1982	1.11	9	0.14	9	0.55	10	1.80	10
1981	1.06	10	0.14	9	0.66	10	1.85	10
1980	1.00	10	0.09	10	0.72	9	1.82	10
1979	0.97	10	0.09	10	0.77	9	1.83	10
1978	0.96	10	0.09	10	0.79	9	1.84	10
1977	0.98	10	0.09	10	0.78	8	1.85	10
1976	0.93	10	0.10	10	0.82	8	1.85	10
1975	0.93	10	0.10	10	0.82	8	1.85	10
1974	0.92	10	0.09	10	0.78	9	1.79	10
1973	0.91	9	0.09	10	0.75	9	1.76	10
1972	0.88	9	0.10	10	0.73	9	1.71	10
1971	0.89	9	0.10	10	0.75	9	1.73	9
1970	0.87	9	0.09	10	0.69	9	1.64	9

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

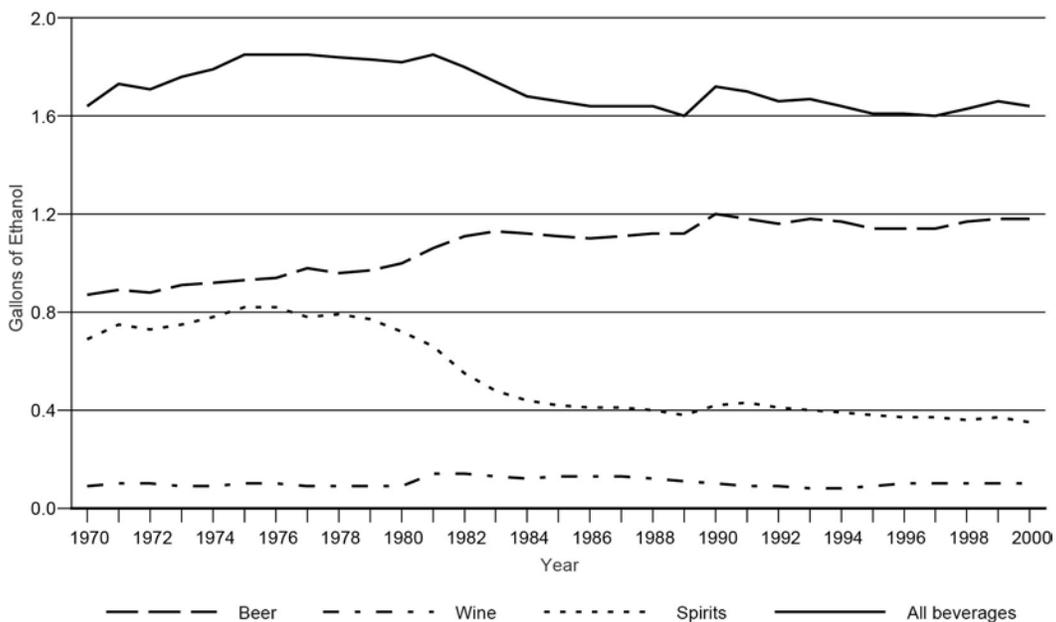


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Wisconsin

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.54	1	0.27	5	0.95	1	2.76	1
1999	1.53	2	0.26	6	0.92	2	2.72	2
1998	1.61	1	0.26	6	0.79	2	2.65	2
1997	1.57	1	0.25	6	0.89	1	2.71	1
1996	1.53	1	0.24	6	0.88	2	2.65	1
1995	1.55	1	0.23	6	0.87	2	2.65	1
1994	1.58	1	0.22	6	0.91	2	2.72	2
1993	1.59	1	0.22	6	0.89	2	2.71	1
1992	1.59	1	0.25	6	0.90	2	2.74	2
1991	1.65	1	0.27	5	0.84	3	2.76	1
1990	1.74	1	0.31	5	1.03	2	3.07	1
1989	1.71	1	0.31	5	0.95	3	2.96	1
1988	1.75	1	0.33	5	0.95	3	3.02	2
1987	1.78	1	0.35	5	0.97	3	3.11	2
1986	1.87	1	0.34	5	0.95	3	3.16	2
1985	1.82	1	0.32	6	1.05	3	3.19	1
1984	1.86	1	0.30	5	1.03	4	3.19	2
1983	1.93	1	0.33	5	1.07	4	3.33	2
1982	1.93	1	0.30	6	1.04	4	3.27	2
1981	1.95	1	0.31	5	1.20	3	3.47	1
1980	1.96	1	0.31	5	1.20	4	3.46	1
1979	1.88	1	0.28	5	1.17	4	3.33	3
1978	1.80	1	0.28	5	1.18	4	3.25	2
1977	1.78	1	0.27	5	1.26	3	3.31	2
1976	1.80	1	0.27	5	1.31	3	3.38	2
1975	1.87	1	0.26	5	1.31	3	3.44	2
1974	1.78	1	0.26	5	1.34	3	3.38	2
1973	1.77	1	0.26	5	1.43	2	3.46	2
1972	1.74	1	0.26	5	1.27	3	3.27	2
1971	1.74	1	0.25	5	1.26	4	3.25	2
1970	1.71	1	0.22	5	1.25	4	3.18	2

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

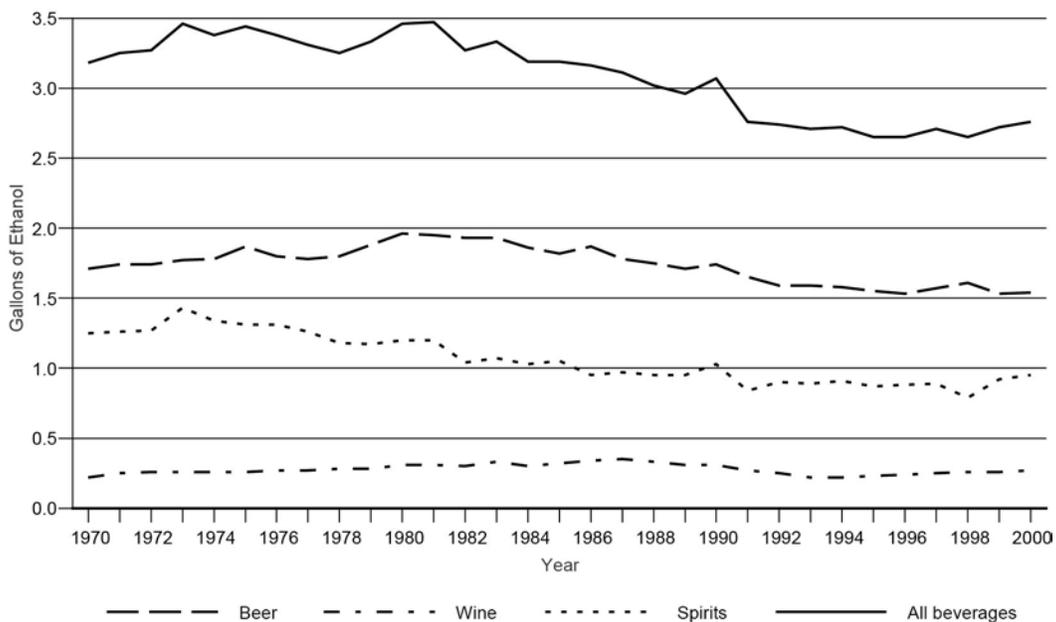


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Wyoming

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.42	3	0.18	8	0.86	2	2.46	3
1999	1.41	3	0.18	8	0.84	2	2.43	3
1998	1.38	3	0.20	7	0.81	2	2.40	3
1997	1.36	3	0.17	8	0.81	2	2.33	3
1996	1.37	3	0.16	8	0.81	2	2.34	3
1995	1.34	4	0.16	8	0.80	2	2.29	4
1994	1.42	3	0.18	7	0.83	2	2.43	3
1993	1.40	3	0.19	7	0.86	2	2.45	3
1992	1.44	3	0.20	7	0.91	2	2.56	3
1991	1.45	3	0.20	7	0.90	2	2.56	3
1990	1.48	3	0.22	7	0.93	3	2.63	3
1989	1.35	5	0.22	7	0.82	5	2.38	6
1988	1.39	4	0.23	7	0.83	5	2.46	6
1987	1.46	3	0.24	7	0.86	5	2.57	5
1986	1.46	3	0.26	7	0.92	4	2.64	5
1985	1.56	2	0.25	7	1.03	3	2.84	3
1984	1.58	2	0.22	7	1.05	4	2.86	4
1983	1.66	2	0.22	7	1.09	4	2.98	4
1982	1.80	2	0.24	6	1.21	2	3.25	2
1981	1.91	1	0.24	6	1.27	2	3.42	2
1980	1.85	1	0.24	6	1.32	2	3.42	2
1979	1.86	1	0.22	6	1.30	2	3.38	2
1978	1.82	1	0.22	6	1.36	2	3.41	2
1977	1.79	1	0.21	6	1.32	2	3.31	1
1976	1.82	1	0.21	6	1.31	3	3.34	2
1975	1.83	1	0.21	6	1.32	3	3.36	2
1974	1.70	1	0.21	6	1.31	4	3.21	2
1973	1.54	2	0.20	7	1.24	4	2.98	3
1972	1.40	2	0.19	7	1.17	4	2.76	4
1971	1.32	3	0.18	7	1.18	4	2.69	5
1970	1.28	3	0.16	7	1.15	4	2.59	5

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

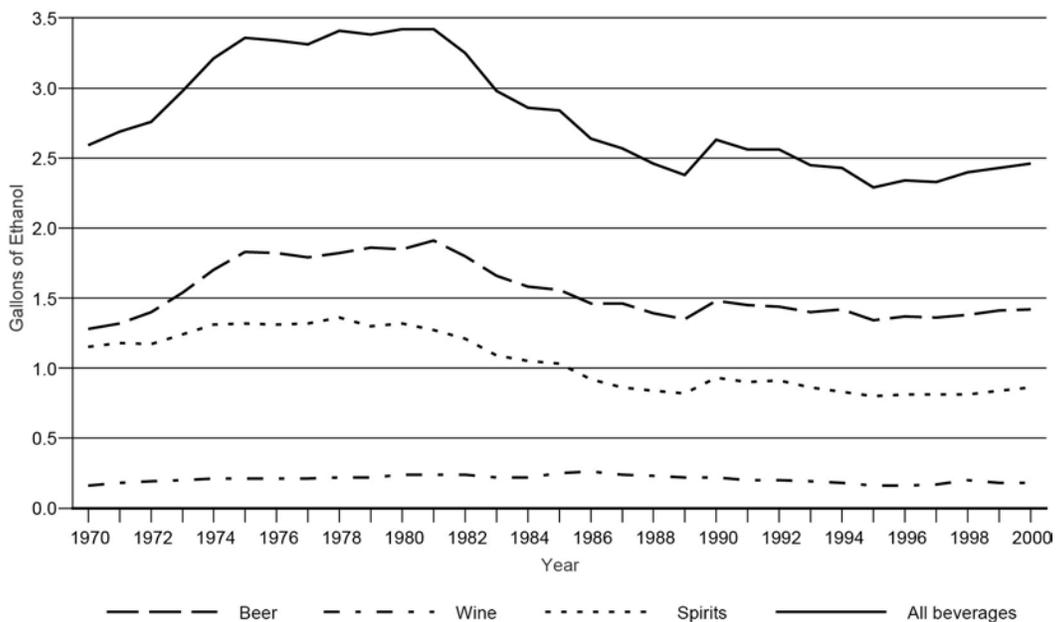


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Northeast region

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.06	*	0.38	*	0.66	*	2.10	*
1999	1.05	*	0.38	*	0.63	*	2.06	*
1998	1.07	*	0.37	*	0.60	*	2.04	*
1997	1.06	*	0.36	*	0.63	*	2.06	*
1996	1.08	*	0.36	*	0.64	*	2.07	*
1995	1.09	*	0.36	*	0.64	*	2.09	*
1994	1.11	*	0.34	*	0.67	*	2.12	*
1993	1.13	*	0.34	*	0.68	*	2.15	*
1992	1.14	*	0.35	*	0.72	*	2.21	*
1991	1.19	*	0.34	*	0.73	*	2.26	*
1990	1.23	*	0.38	*	0.80	*	2.41	*
1989	1.22	*	0.39	*	0.84	*	2.44	*
1988	1.25	*	0.40	*	0.86	*	2.52	*
1987	1.25	*	0.43	*	0.91	*	2.60	*
1986	1.25	*	0.44	*	0.93	*	2.62	*
1985	1.25	*	0.43	*	0.98	*	2.66	*
1984	1.25	*	0.43	*	1.01	*	2.70	*
1983	1.31	*	0.43	*	1.03	*	2.76	*
1982	1.31	*	0.43	*	1.05	*	2.79	*
1981	1.31	*	0.41	*	1.07	*	2.80	*
1980	1.34	*	0.40	*	1.10	*	2.84	*
1979	1.30	*	0.38	*	1.09	*	2.77	*
1978	1.26	*	0.36	*	1.10	*	2.73	*
1977	1.25	*	0.34	*	1.10	*	2.69	*
1976	1.22	*	0.37	*	1.17	*	2.76	*
1975	1.24	*	0.37	*	1.19	*	2.81	*
1974	1.23	*	0.36	*	1.22	*	2.81	*
1973	1.21	*	0.36	*	1.22	*	2.80	*
1972	1.18	*	0.36	*	1.19	*	2.73	*
1971	1.19	*	0.37	*	1.27	*	2.84	*
1970	1.19	*	0.32	*	1.28	*	2.79	*

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

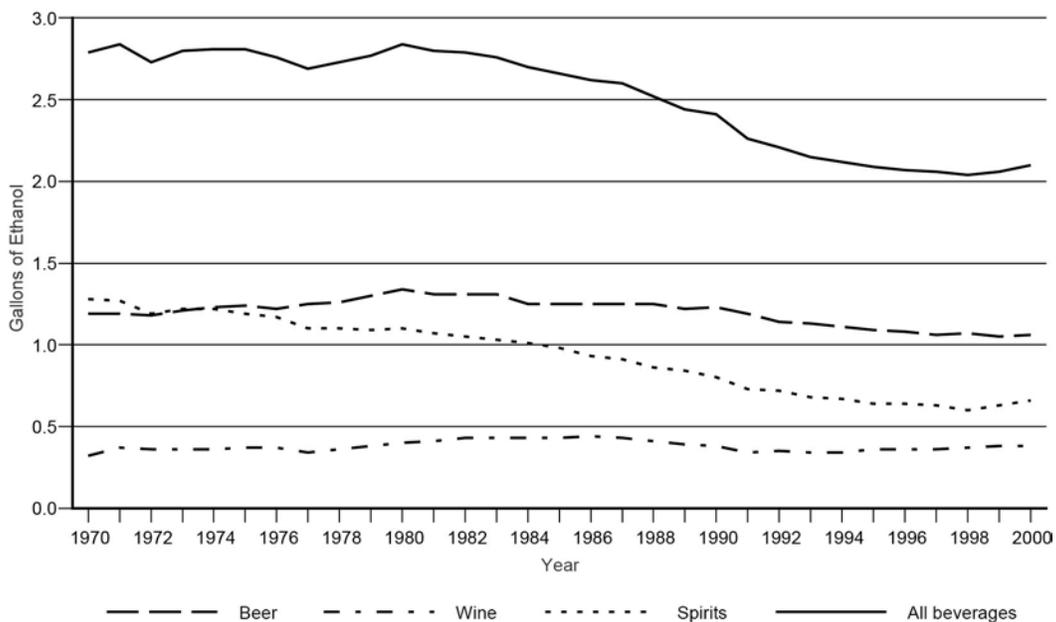


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

Midwest region

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.29	*	0.23	*	0.66	*	2.18	*
1999	1.29	*	0.24	*	0.65	*	2.17	*
1998	1.28	*	0.23	*	0.63	*	2.14	*
1997	1.26	*	0.23	*	0.63	*	2.12	*
1996	1.27	*	0.23	*	0.62	*	2.12	*
1995	1.27	*	0.22	*	0.63	*	2.12	*
1994	1.30	*	0.22	*	0.63	*	2.14	*
1993	1.30	*	0.22	*	0.67	*	2.18	*
1992	1.31	*	0.23	*	0.68	*	2.21	*
1991	1.35	*	0.23	*	0.67	*	2.25	*
1990	1.38	*	0.26	*	0.74	*	2.37	*
1989	1.34	*	0.26	*	0.71	*	2.31	*
1988	1.36	*	0.28	*	0.74	*	2.38	*
1987	1.37	*	0.29	*	0.76	*	2.42	*
1986	1.37	*	0.30	*	0.78	*	2.44	*
1985	1.37	*	0.28	*	0.83	*	2.48	*
1984	1.39	*	0.27	*	0.84	*	2.50	*
1983	1.41	*	0.25	*	0.87	*	2.53	*
1982	1.42	*	0.27	*	0.88	*	2.56	*
1981	1.42	*	0.26	*	0.93	*	2.61	*
1980	1.42	*	0.24	*	0.96	*	2.63	*
1979	1.41	*	0.23	*	0.95	*	2.58	*
1978	1.35	*	0.22	*	0.96	*	2.53	*
1977	1.32	*	0.21	*	0.96	*	2.49	*
1976	1.32	*	0.23	*	1.00	*	2.55	*
1975	1.32	*	0.23	*	1.02	*	2.56	*
1974	1.28	*	0.22	*	1.03	*	2.53	*
1973	1.26	*	0.22	*	1.01	*	2.49	*
1972	1.22	*	0.22	*	1.00	*	2.44	*
1971	1.23	*	0.22	*	1.03	*	2.48	*
1970	1.22	*	0.19	*	1.02	*	2.43	*

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

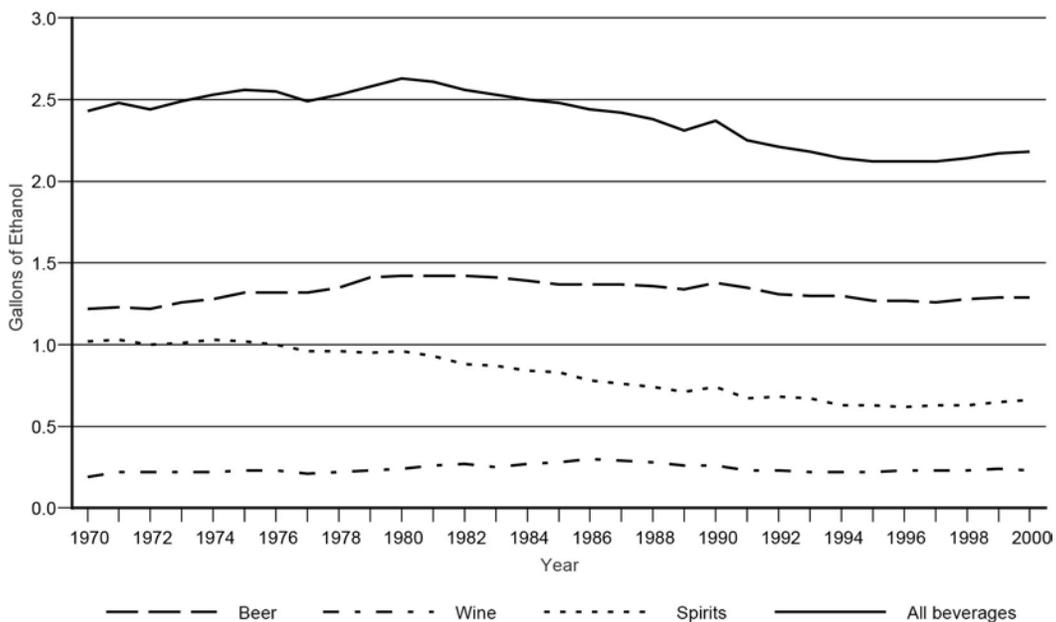


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

South region

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.30	*	0.25	*	0.61	*	2.16	*
1999	1.30	*	0.25	*	0.60	*	2.15	*
1998	1.28	*	0.24	*	0.60	*	2.12	*
1997	1.28	*	0.23	*	0.60	*	2.12	*
1996	1.29	*	0.24	*	0.61	*	2.14	*
1995	1.29	*	0.22	*	0.61	*	2.12	*
1994	1.31	*	0.22	*	0.64	*	2.16	*
1993	1.33	*	0.22	*	0.66	*	2.20	*
1992	1.33	*	0.23	*	0.69	*	2.26	*
1991	1.31	*	0.23	*	0.69	*	2.23	*
1990	1.36	*	0.26	*	0.74	*	2.36	*
1989	1.33	*	0.26	*	0.73	*	2.31	*
1988	1.33	*	0.27	*	0.74	*	2.34	*
1987	1.33	*	0.27	*	0.77	*	2.37	*
1986	1.35	*	0.28	*	0.79	*	2.42	*
1985	1.33	*	0.27	*	0.85	*	2.46	*
1984	1.34	*	0.27	*	0.90	*	2.51	*
1983	1.36	*	0.25	*	0.91	*	2.52	*
1982	1.37	*	0.23	*	0.95	*	2.55	*
1981	1.36	*	0.24	*	0.98	*	2.58	*
1980	1.31	*	0.23	*	0.98	*	2.51	*
1979	1.32	*	0.21	*	1.03	*	2.55	*
1978	1.29	*	0.20	*	1.03	*	2.52	*
1977	1.25	*	0.19	*	1.01	*	2.44	*
1976	1.19	*	0.22	*	1.03	*	2.45	*
1975	1.20	*	0.22	*	1.02	*	2.44	*
1974	1.18	*	0.21	*	1.01	*	2.40	*
1973	1.12	*	0.21	*	1.01	*	2.34	*
1972	1.07	*	0.21	*	1.00	*	2.28	*
1971	1.04	*	0.21	*	1.01	*	2.26	*
1970	1.00	*	0.18	*	0.99	*	2.17	*

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

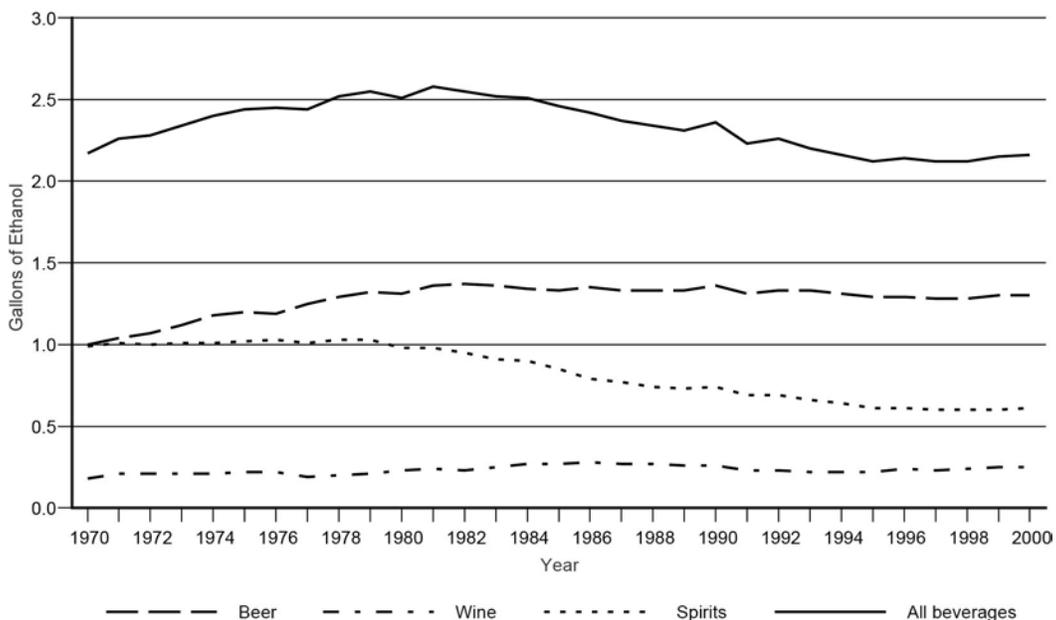


Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

West region

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.18	*	0.43	*	0.67	*	2.29	*
1999	1.19	*	0.42	*	0.65	*	2.27	*
1998	1.19	*	0.42	*	0.65	*	2.25	*
1997	1.20	*	0.43	*	0.65	*	2.28	*
1996	1.21	*	0.43	*	0.67	*	2.30	*
1995	1.22	*	0.40	*	0.66	*	2.28	*
1994	1.20	*	0.41	*	0.70	*	2.31	*
1993	1.26	*	0.42	*	0.72	*	2.39	*
1992	1.33	*	0.45	*	0.76	*	2.54	*
1991	1.30	*	0.44	*	0.76	*	2.50	*
1990	1.37	*	0.50	*	0.84	*	2.71	*
1989	1.36	*	0.51	*	0.84	*	2.71	*
1988	1.37	*	0.57	*	0.87	*	2.80	*
1987	1.39	*	0.62	*	0.89	*	2.90	*
1986	1.40	*	0.65	*	0.92	*	2.98	*
1985	1.37	*	0.65	*	1.00	*	3.02	*
1984	1.41	*	0.61	*	1.04	*	3.05	*
1983	1.42	*	0.61	*	1.07	*	3.11	*
1982	1.45	*	0.60	*	1.11	*	3.15	*
1981	1.49	*	0.60	*	1.16	*	3.26	*
1980	1.48	*	0.59	*	1.20	*	3.26	*
1979	1.49	*	0.58	*	1.24	*	3.31	*
1978	1.43	*	0.56	*	1.27	*	3.26	*
1977	1.38	*	0.54	*	1.22	*	3.15	*
1976	1.38	*	0.58	*	1.28	*	3.24	*
1975	1.34	*	0.57	*	1.29	*	3.20	*
1974	1.35	*	0.55	*	1.28	*	3.18	*
1973	1.26	*	0.55	*	1.25	*	3.06	*
1972	1.22	*	0.53	*	1.23	*	2.99	*
1971	1.18	*	0.55	*	1.27	*	3.00	*
1970	1.15	*	0.50	*	1.26	*	2.91	*

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.

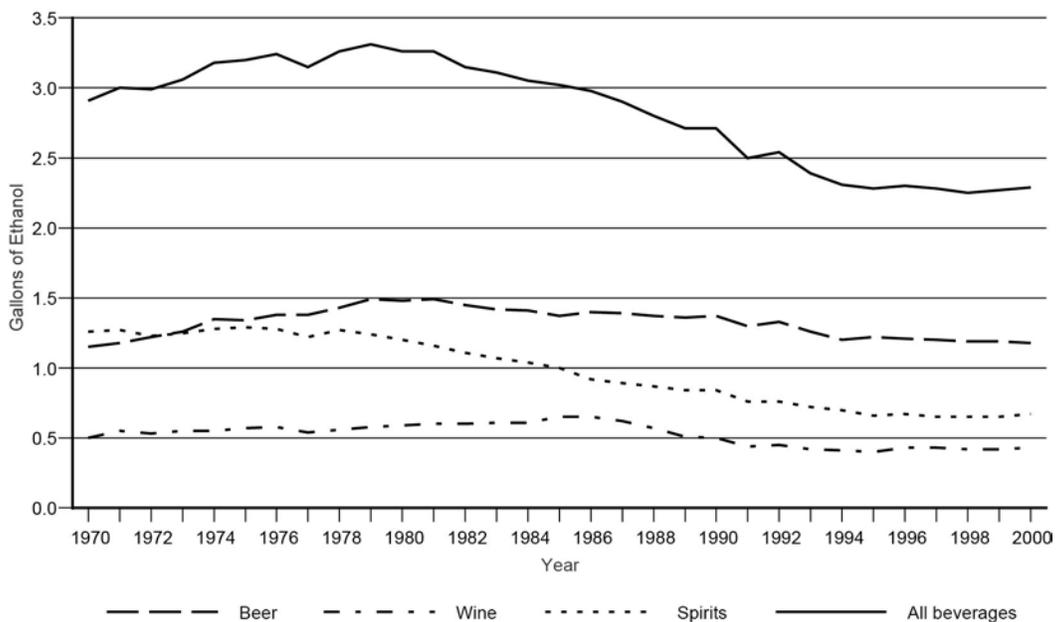


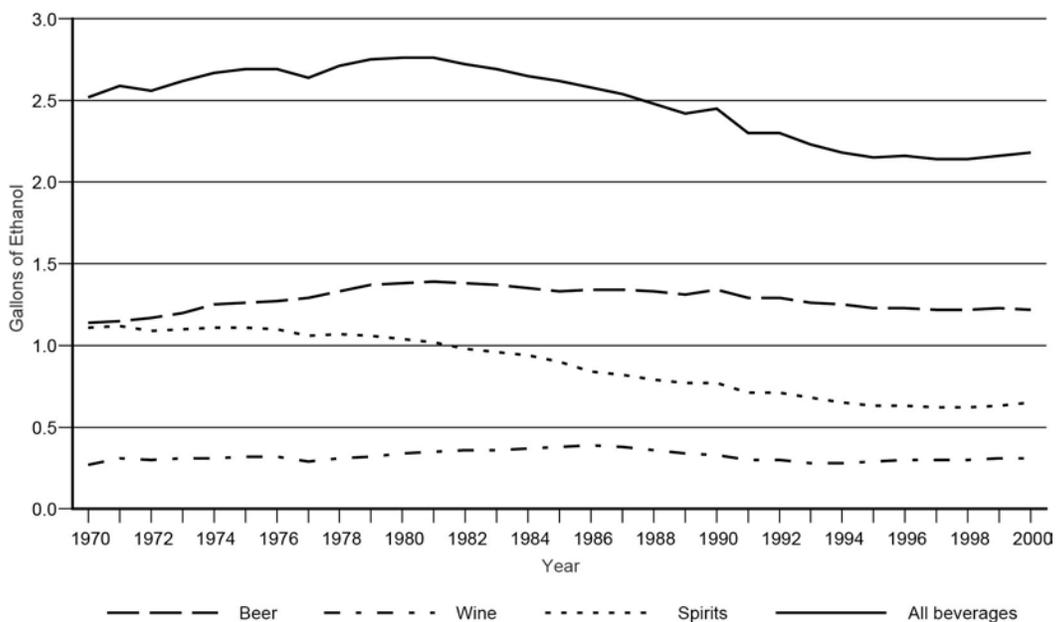
Table 4. Apparent per capita ethanol consumption and decile rank for individual States, census regions, and United States, by year, 1970–2000. (Continued)

United States

Year	Beer		Wine		Spirits		All beverages	
	Per capita	Decile	Per capita	Decile	Per capita	Decile	Per capita	Decile
2000	1.22	*	0.31	*	0.65	*	2.18	*
1999	1.23	*	0.31	*	0.63	*	2.16	*
1998	1.22	*	0.30	*	0.62	*	2.14	*
1997	1.22	*	0.30	*	0.62	*	2.14	*
1996	1.23	*	0.30	*	0.63	*	2.16	*
1995	1.23	*	0.29	*	0.63	*	2.15	*
1994	1.25	*	0.28	*	0.65	*	2.18	*
1993	1.26	*	0.28	*	0.68	*	2.23	*
1992	1.29	*	0.30	*	0.71	*	2.30	*
1991	1.29	*	0.30	*	0.71	*	2.30	*
1990	1.34	*	0.33	*	0.77	*	2.45	*
1989	1.31	*	0.34	*	0.77	*	2.42	*
1988	1.33	*	0.36	*	0.79	*	2.48	*
1987	1.34	*	0.38	*	0.82	*	2.54	*
1986	1.34	*	0.39	*	0.84	*	2.58	*
1985	1.33	*	0.38	*	0.90	*	2.62	*
1984	1.35	*	0.37	*	0.94	*	2.65	*
1983	1.37	*	0.36	*	0.96	*	2.69	*
1982	1.38	*	0.36	*	0.98	*	2.72	*
1981	1.39	*	0.35	*	1.02	*	2.76	*
1980	1.38	*	0.34	*	1.04	*	2.76	*
1979	1.37	*	0.32	*	1.06	*	2.75	*
1978	1.33	*	0.31	*	1.07	*	2.71	*
1977	1.29	*	0.29	*	1.06	*	2.64	*
1976	1.27	*	0.32	*	1.10	*	2.69	*
1975	1.26	*	0.32	*	1.11	*	2.69	*
1974	1.25	*	0.31	*	1.11	*	2.67	*
1973	1.20	*	0.31	*	1.10	*	2.62	*
1972	1.17	*	0.30	*	1.09	*	2.56	*
1971	1.15	*	0.31	*	1.12	*	2.59	*
1970	1.14	*	0.27	*	1.11	*	2.52	*

* Decile values apply only to State-level data.

NOTE: Per capita consumption in gallons of ethanol based on population age 14 years and older. Decile "1" is highest.



APPENDIX A

TABLES TO ASSIST FURTHER RESEARCH

The following tables are provided so the reader may perform additional analyses of State or national beverage consumption. Areas covered by these tables are described below.

Table A-1

This table presents population estimates for ages 14 years and over for each of the States and the District of Columbia for the years 1970 through 2000. For many years, it has been the practice of the National Institute on Alcohol Abuse and Alcoholism (NIAAA) to regard age 14 as the minimum age in the population for which to calculate per capita consumption estimates of alcoholic beverages.

Table A-2

This table presents population estimates for ages 21 years and over for each of the States and the District of Columbia for the years 1970 through 2000. This age group reflects the current minimum legal drinking age in all States and the District of Columbia. Also, this age group traditionally has been the reference group for per capita alcohol consumption estimates presented in beverage industry publications.

Table A-1. Population age 14 years and older for States, census regions, and United States, 1970–2000.

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama	2,499	2,549	2,592	2,635	2,685	2,737	2,793	2,837	2,884
Alaska	205	215	223	231	242	269	290	295	299
Arizona	1,272	1,361	1,444	1,530	1,603	1,649	1,695	1,752	1,814
Arkansas	1,422	1,461	1,500	1,533	1,568	1,614	1,627	1,660	1,688
California	14,811	15,176	15,453	15,769	16,103	16,482	16,881	17,273	17,707
Colorado	1,608	1,687	1,775	1,856	1,903	1,950	1,998	2,055	2,115
Connecticut	2,238	2,285	2,319	2,344	2,380	2,416	2,446	2,475	2,507
Delaware	394	409	420	427	434	442	449	453	459
District of Columbia	581	577	575	570	564	560	553	545	539
Florida	5,166	5,447	5,729	6,046	6,359	6,543	6,676	6,832	7,020
Georgia	3,312	3,399	3,473	3,555	3,629	3,688	3,753	3,827	3,889
Hawaii	555	578	601	623	638	654	670	683	695
Idaho	513	533	554	569	590	609	628	647	665
Illinois	8,162	8,269	8,364	8,422	8,491	8,572	8,663	8,741	8,798
Indiana	3,769	3,837	3,901	3,955	4,002	4,033	4,077	4,127	4,183
Iowa	2,076	2,114	2,141	2,163	2,188	2,218	2,255	2,279	2,297
Kansas	1,678	1,695	1,720	1,743	1,762	1,787	1,818	1,846	1,870
Kentucky	2,363	2,426	2,457	2,495	2,540	2,586	2,641	2,680	2,710
Louisiana	2,567	2,632	2,684	2,721	2,765	2,832	2,893	2,953	3,005
Maine	727	747	765	779	793	809	826	843	854
Maryland	2,842	2,939	3,009	3,061	3,110	3,160	3,205	3,250	3,290
Massachusetts	4,229	4,307	4,369	4,435	4,475	4,514	4,554	4,599	4,645
Michigan	6,359	6,498	6,606	6,708	6,802	6,870	6,942	7,029	7,116
Minnesota	2,735	2,804	2,850	2,901	2,949	3,007	3,066	3,116	3,162
Mississippi	1,568	1,608	1,644	1,681	1,707	1,727	1,754	1,778	1,800
Missouri	3,479	3,541	3,588	3,633	3,675	3,712	3,764	3,805	3,846
Montana	502	520	531	543	555	569	581	594	607
Nebraska	1,093	1,119	1,140	1,159	1,178	1,192	1,209	1,222	1,236
Nevada	354	375	395	410	430	447	467	490	519
New Hampshire	537	558	575	593	609	622	639	662	683
New Jersey	5,313	5,438	5,524	5,569	5,618	5,673	5,725	5,769	5,823
New Mexico	701	735	760	787	812	841	869	895	915
New York	13,696	13,874	13,975	13,971	13,996	14,084	14,155	14,165	14,165
North Carolina	3,734	3,828	3,913	3,994	4,071	4,146	4,208	4,281	4,350
North Dakota	446	459	468	475	481	490	499	506	510
Ohio	7,764	7,895	7,978	8,065	8,135	8,208	8,259	8,330	8,399
Oklahoma	1,921	1,971	2,007	2,043	2,080	2,116	2,164	2,200	2,237
Oregon	1,564	1,617	1,660	1,702	1,743	1,785	1,828	1,885	1,941
Pennsylvania	8,846	8,983	9,070	9,130	9,185	9,280	9,337	9,391	9,432
Rhode Island	716	728	741	746	727	726	734	742	747
South Carolina	1,859	1,916	1,960	2,003	2,059	2,106	2,141	2,179	2,220
South Dakota	484	494	504	510	516	521	530	535	538
Tennessee	2,906	2,979	3,046	3,097	3,158	3,215	3,280	3,347	3,398
Texas	8,100	8,348	8,560	8,781	8,997	9,249	9,527	9,760	9,995
Utah	731	762	788	814	835	858	882	907	932
Vermont	322	331	339	345	351	359	366	373	380
Virginia	3,418	3,512	3,588	3,673	3,754	3,842	3,928	4,012	4,099
Washington	2,520	2,561	2,573	2,614	2,685	2,757	2,827	2,901	2,997
West Virginia	1,306	1,329	1,353	1,363	1,373	1,394	1,424	1,445	1,456
Wisconsin	3,192	3,264	3,335	3,394	3,453	3,523	3,578	3,640	3,690
Wyoming	241	249	256	263	273	286	299	311	326
Northeast Region	36,624	37,251	37,677	37,912	38,134	38,483	38,782	39,019	39,236
Midwest Region	41,237	41,989	42,595	43,128	43,632	44,133	44,660	45,176	45,645
South Region	45,958	47,330	48,510	49,678	50,853	51,957	53,016	54,039	55,039
West Region	25,577	26,369	27,013	27,711	28,412	29,156	29,915	30,688	31,532
United States	149,396	152,939	155,795	158,429	161,031	163,729	166,373	168,922	171,452

NOTE: Population in 1,000s.

Table A-1. Population age 14 years and older for States, census regions, and United States, 1970–2000. (Continued)

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama	2,932	3,021	3,052	3,080	3,106	3,143	3,172	3,204	3,234
Alaska	295	300	307	326	356	369	384	394	386
Arizona	1,878	2,118	2,180	2,231	2,312	2,385	2,504	2,575	2,662
Arkansas	1,706	1,783	1,793	1,793	1,826	1,847	1,864	1,878	1,893
California	18,084	18,882	19,314	19,720	20,089	20,448	21,039	21,416	21,875
Colorado	2,174	2,278	2,343	2,404	2,479	2,511	2,561	2,592	2,609
Connecticut	2,528	2,515	2,555	2,582	2,582	2,606	2,619	2,630	2,641
Delaware	460	473	478	483	489	496	503	511	520
District of Columbia	530	534	528	528	521	521	524	518	515
Florida	7,219	8,008	8,389	8,587	8,816	9,068	9,432	9,686	9,944
Georgia	3,945	4,230	4,331	4,397	4,490	4,591	4,714	4,797	4,898
Hawaii	708	755	767	777	800	813	825	839	856
Idaho	681	704	714	718	735	744	748	756	756
Illinois	8,832	9,000	9,049	9,051	9,096	9,136	9,160	9,204	9,237
Indiana	4,216	4,277	4,275	4,289	4,309	4,339	4,353	4,382	4,412
Iowa	2,304	2,297	2,290	2,296	2,299	2,308	2,291	2,276	2,268
Kansas	1,892	1,874	1,888	1,904	1,917	1,925	1,929	1,953	1,962
Kentucky	2,750	2,850	2,858	2,870	2,915	2,932	2,945	2,960	2,969
Louisiana	3,051	3,202	3,286	3,300	3,387	3,410	3,425	3,454	3,426
Maine	864	887	899	902	914	925	935	944	957
Maryland	3,319	3,371	3,430	3,446	3,493	3,541	3,574	3,624	3,675
Massachusetts	4,683	4,662	4,724	4,749	4,756	4,796	4,816	4,835	4,845
Michigan	7,180	7,209	7,205	7,158	7,158	7,195	7,227	7,281	7,336
Minnesota	3,209	3,210	3,253	3,263	3,276	3,297	3,319	3,357	3,379
Mississippi	1,821	1,906	1,919	1,936	1,969	1,984	2,006	2,010	2,016
Missouri	3,880	3,905	3,930	3,940	3,961	3,997	4,011	4,060	4,094
Montana	614	612	616	622	634	640	643	638	632
Nebraska	1,244	1,233	1,238	1,243	1,252	1,260	1,256	1,264	1,263
Nevada	550	639	677	706	715	731	766	778	809
New Hampshire	702	639	745	761	770	788	808	831	855
New Jersey	5,878	5,915	5,983	6,033	6,080	6,139	6,185	6,260	6,291
New Mexico	939	986	1,008	1,032	1,062	1,083	1,099	1,132	1,148
New York	14,178	14,130	14,234	14,316	14,370	14,460	14,511	14,487	14,489
North Carolina	4,400	4,640	4,727	4,797	4,870	4,959	5,064	5,114	5,187
North Dakota	515	508	512	520	527	531	529	529	523
Ohio	8,439	8,485	8,497	8,526	8,520	8,556	8,568	8,585	8,619
Oklahoma	2,281	2,378	2,433	2,489	2,575	2,574	2,579	2,605	2,574
Oregon	2,004	2,084	2,098	2,096	2,110	2,124	2,140	2,170	2,191
Pennsylvania	9,460	9,578	9,623	9,641	9,691	9,723	9,706	9,748	9,777
Rhode Island	751	771	780	787	787	795	801	805	812
South Carolina	2,254	2,417	2,464	2,497	2,554	2,592	2,645	2,668	2,707
South Dakota	538	536	531	534	540	543	545	552	554
Tennessee	3,457	3,622	3,651	3,693	3,733	3,771	3,832	3,858	3,909
Texas	10,284	10,946	11,357	11,742	12,077	12,291	12,625	12,832	12,875
Utah	962	1,023	1,055	1,073	1,113	1,135	1,138	1,156	1,164
Vermont	387	404	409	410	419	424	430	435	441
Virginia	4,145	4,257	4,347	4,409	4,473	4,559	4,617	4,706	4,790
Washington	3,116	3,271	3,342	3,363	3,411	3,452	3,502	3,571	3,626
West Virginia	1,473	1,526	1,531	1,532	1,551	1,547	1,546	1,539	1,530
Wisconsin	3,746	3,704	3,747	3,774	3,772	3,793	3,798	3,810	3,825
Wyoming	345	357	371	377	385	382	381	384	371
Northeast Region	39,431	39,501	39,952	40,181	40,369	40,656	40,812	40,975	41,108
Midwest Region	45,995	46,238	46,415	46,498	46,627	46,880	46,984	47,253	47,472
South Region	56,027	59,164	60,574	61,609	62,845	63,826	65,067	65,964	66,662
West Region	32,350	34,009	34,792	35,445	36,201	36,817	37,730	38,401	39,085
United States	173,803	178,912	181,733	183,733	186,042	188,179	190,593	192,593	194,325

NOTE: Population in 1,000s.

Table A-1. Population age 14 years and older for States, census regions, and United States, 1970–2000. (Continued)

Geographic area	Year								
	1988	1989	1990	1991	1992	1993	1994	1995	1996
Alabama	3,252	3,264	3,238	3,279	3,325	3,376	3,418	3,446	3,481
Alaska	386	390	407	420	438	447	452	457	462
Arizona	2,722	2,768	2,878	2,964	3,070	3,191	3,356	3,504	3,630
Arkansas	1,895	1,903	1,875	1,898	1,922	1,960	1,993	2,025	2,055
California	22,300	22,809	23,532	23,797	24,134	24,281	24,386	24,517	24,756
Colorado	2,610	2,623	2,599	2,668	2,755	2,858	2,960	3,053	3,137
Connecticut	2,648	2,644	2,694	2,691	2,678	2,675	2,676	2,678	2,691
Delaware	530	539	537	547	555	565	574	586	597
District of Columbia	502	490	516	506	501	497	490	480	474
Florida	10,159	10,403	10,658	10,943	11,162	11,364	11,621	11,877	12,157
Georgia	4,973	5,038	5,136	5,252	5,382	5,507	5,664	5,806	5,949
Hawaii	867	880	889	906	922	932	943	951	959
Idaho	763	774	765	794	820	853	884	913	937
Illinois	9,269	9,307	9,125	9,200	9,291	9,385	9,467	9,538	9,610
Indiana	4,437	4,462	4,435	4,483	4,535	4,594	4,641	4,690	4,740
Iowa	2,276	2,283	2,213	2,228	2,253	2,274	2,293	2,315	2,329
Kansas	1,978	1,985	1,950	1,963	1,992	2,014	2,039	2,063	2,080
Kentucky	2,976	2,982	2,962	2,987	3,023	3,067	3,100	3,137	3,168
Louisiana	3,380	3,367	3,268	3,290	3,322	3,350	3,383	3,419	3,450
Maine	973	986	990	993	995	999	1,001	1,005	1,013
Maryland	3,732	3,774	3,852	3,892	3,926	3,954	3,996	4,031	4,077
Massachusetts	4,862	4,863	4,947	4,918	4,912	4,923	4,945	4,981	5,013
Michigan	7,361	7,374	7,373	7,437	7,503	7,552	7,613	7,681	7,761
Minnesota	3,424	3,452	3,443	3,486	3,528	3,584	3,640	3,693	3,748
Mississippi	2,019	2,024	2,010	2,026	2,044	2,073	2,105	2,138	2,164
Missouri	4,119	4,133	4,086	4,117	4,153	4,199	4,252	4,300	4,347
Montana	631	633	623	633	646	663	680	697	709
Nebraska	1,270	1,275	1,240	1,252	1,268	1,281	1,296	1,315	1,332
Nevada	843	887	965	1,033	1,078	1,124	1,197	1,264	1,332
New Hampshire	872	887	889	883	887	896	907	922	939
New Jersey	6,313	6,307	6,331	6,351	6,382	6,418	6,455	6,501	6,555
New Mexico	1,152	1,165	1,160	1,188	1,220	1,251	1,293	1,328	1,360
New York	14,522	14,521	14,643	14,662	14,709	14,778	14,818	14,850	14,909
North Carolina	5,243	5,305	5,395	5,499	5,583	5,699	5,815	5,945	6,074
North Dakota	520	516	502	500	503	507	512	517	523
Ohio	8,684	8,710	8,678	8,736	8,796	8,861	8,913	8,969	9,018
Oklahoma	2,549	2,551	2,486	2,508	2,545	2,573	2,601	2,628	2,662
Oregon	2,229	2,269	2,271	2,334	2,386	2,452	2,507	2,563	2,621
Pennsylvania	9,815	9,830	9,701	9,750	9,783	9,830	9,870	9,904	9,943
Rhode Island	815	817	827	827	827	826	826	827	832
South Carolina	2,735	2,771	2,782	2,838	2,879	2,916	2,952	2,993	3,033
South Dakota	557	558	538	544	550	560	570	579	587
Tennessee	3,942	3,973	3,945	4,006	4,068	4,137	4,217	4,298	4,379
Texas	12,889	13,041	13,161	13,425	13,701	14,024	14,363	14,707	15,010
Utah	1,175	1,192	1,229	1,277	1,332	1,389	1,449	1,500	1,550
Vermont	448	456	451	453	456	460	465	471	477
Virginia	4,876	4,935	5,012	5,071	5,157	5,236	5,308	5,373	5,448
Washington	3,712	3,790	3,857	3,962	4,071	4,176	4,265	4,362	4,444
West Virginia	1,518	1,508	1,463	1,473	1,483	1,495	1,503	1,506	1,509
Wisconsin	3,854	3,876	3,869	3,923	3,977	4,037	4,088	4,144	4,196
Wyoming	366	365	346	352	360	367	376	383	387
Northeast Region	41,268	41,311	41,471	41,529	41,628	41,805	41,964	42,139	42,372
Midwest Region	47,749	47,932	47,451	47,868	48,350	48,848	49,323	49,805	50,272
South Region	67,170	67,866	68,295	69,439	70,579	71,793	73,102	74,395	75,687
West Region	39,756	40,544	41,520	42,329	43,232	43,985	44,746	45,493	46,286
United States	195,943	197,653	198,737	201,165	203,789	206,432	209,136	211,832	214,617

NOTE: Population in 1,000s.

Table A-1. Population age 14 years and older for States, census regions, and United States, 1970–2000. (Continued)

Geographic area	Year			
	1997	1998	1999	2000
Alabama	3,509	3,545	3,566	3,584
Alaska	466	470	477	481
Arizona	3,766	3,872	3,975	4,083
Arkansas	2,083	2,103	2,129	2,155
California	25,219	25,715	26,219	26,691
Colorado	3,219	3,294	3,385	3,466
Connecticut	2,703	2,712	2,728	2,748
Delaware	606	615	625	634
District of Columbia	471	473	477	479
Florida	12,448	12,711	12,952	13,212
Georgia	6,103	6,240	6,379	6,524
Hawaii	970	978	977	982
Idaho	960	979	998	1,017
Illinois	9,677	9,756	9,831	9,903
Indiana	4,773	4,801	4,834	4,868
Iowa	2,341	2,351	2,362	2,370
Kansas	2,097	2,117	2,133	2,145
Kentucky	3,188	3,220	3,251	3,279
Louisiana	3,480	3,502	3,527	3,539
Maine	1,022	1,028	1,038	1,050
Maryland	4,114	4,150	4,197	4,248
Massachusetts	5,056	5,093	5,141	5,184
Michigan	7,804	7,836	7,884	7,936
Minnesota	3,795	3,836	3,893	3,947
Mississippi	2,189	2,215	2,235	2,252
Missouri	4,392	4,423	4,465	4,506
Montana	716	719	725	732
Nebraska	1,344	1,353	1,362	1,370
Nevada	1,411	1,479	1,542	1,607
New Hampshire	953	967	983	1,001
New Jersey	6,617	6,672	6,728	6,784
New Mexico	1,380	1,400	1,417	1,432
New York	14,984	15,100	15,221	15,331
North Carolina	6,198	6,320	6,430	6,529
North Dakota	525	524	523	522
Ohio	9,045	9,074	9,101	9,128
Oklahoma	2,693	2,721	2,755	2,772
Oregon	2,669	2,710	2,747	2,778
Pennsylvania	9,955	9,975	10,008	10,037
Rhode Island	835	842	847	857
South Carolina	3,087	3,140	3,194	3,238
South Dakota	589	592	597	603
Tennessee	4,452	4,509	4,563	4,613
Texas	15,346	15,676	16,014	16,347
Utah	1,591	1,625	1,654	1,685
Vermont	483	488	493	498
Virginia	5,515	5,567	5,655	5,745
Washington	4,536	4,615	4,680	4,741
West Virginia	1,508	1,505	1,505	1,502
Wisconsin	4,232	4,260	4,293	4,330
Wyoming	390	393	395	399
Northeast Region	42,609	42,876	43,187	43,489
Midwest Region	50,615	50,923	51,276	51,627
South Region	76,989	78,213	79,454	80,654
West Region	47,293	48,249	49,191	50,094
United States	217,507	220,262	223,110	225,863

NOTE: Population in 1,000s.

Table A-2. Population age 21 years and older for States, census regions, and United States, 1970–2000.

Geographic area	Year								
	1970	1971	1972	1973	1974	1975	1976	1977	1978
Alabama	2,020	2,061	2,097	2,135	2,178	2,226	2,279	2,326	2,376
Alaska	165	169	173	178	185	206	222	227	231
Arizona	1,031	1,101	1,168	1,238	1,297	1,337	1,379	1,431	1,492
Arkansas	1,169	1,201	1,235	1,264	1,293	1,333	1,347	1,378	1,406
California	12,247	12,516	12,731	12,988	13,281	13,612	13,967	14,334	14,755
Colorado	1,301	1,362	1,431	1,495	1,535	1,576	1,619	1,672	1,732
Connecticut	1,868	1,900	1,923	1,941	1,973	2,004	2,032	2,062	2,095
Delaware	322	332	339	345	351	358	364	370	376
District of Columbia	486	483	481	476	470	466	460	454	450
Florida	4,355	4,584	4,818	5,083	5,344	5,506	5,634	5,788	5,977
Georgia	2,684	2,752	2,811	2,878	2,942	2,996	3,058	3,130	3,194
Hawaii	450	466	481	497	510	524	538	551	564
Idaho	410	426	442	455	473	489	506	524	541
Illinois	6,755	6,817	6,886	6,928	6,981	7,046	7,130	7,211	7,283
Indiana	3,071	3,120	3,170	3,216	3,258	3,288	3,333	3,384	3,442
Iowa	1,699	1,729	1,752	1,774	1,794	1,819	1,851	1,875	1,896
Kansas	1,373	1,385	1,404	1,423	1,441	1,464	1,494	1,522	1,549
Kentucky	1,918	1,970	2,001	2,035	2,073	2,115	2,165	2,203	2,237
Louisiana	2,041	2,092	2,137	2,169	2,206	2,262	2,318	2,374	2,426
Maine	597	612	627	637	650	662	678	692	704
Maryland	2,342	2,408	2,456	2,494	2,534	2,578	2,620	2,666	2,710
Massachusetts	3,507	3,563	3,609	3,660	3,691	3,723	3,759	3,804	3,853
Michigan	5,146	5,239	5,318	5,403	5,485	5,552	5,629	5,724	5,826
Minnesota	2,219	2,268	2,303	2,345	2,386	2,435	2,487	2,535	2,584
Mississippi	1,242	1,274	1,307	1,339	1,360	1,380	1,407	1,432	1,457
Missouri	2,879	2,922	2,958	2,994	3,025	3,057	3,104	3,147	3,193
Montana	405	418	427	436	447	458	469	482	495
Nebraska	894	914	931	947	962	974	988	1,001	1,017
Nevada	297	312	326	338	353	367	383	402	427
New Hampshire	443	460	475	491	502	513	528	547	565
New Jersey	4,459	4,543	4,604	4,639	4,679	4,726	4,776	4,824	4,883
New Mexico	554	578	597	617	638	661	686	709	730
New York	11,509	11,633	11,704	11,692	11,708	11,776	11,843	11,866	11,891
North Carolina	3,003	3,087	3,165	3,241	3,313	3,385	3,448	3,523	3,597
North Dakota	356	365	373	379	384	391	400	407	413
Ohio	6,355	6,442	6,498	6,569	6,633	6,703	6,766	6,849	6,941
Oklahoma	1,584	1,623	1,653	1,683	1,715	1,748	1,791	1,826	1,865
Oregon	1,284	1,326	1,362	1,400	1,438	1,477	1,518	1,570	1,625
Pennsylvania	7,357	7,453	7,520	7,574	7,628	7,717	7,783	7,853	7,920
Rhode Island	592	603	613	617	603	603	610	618	624
South Carolina	1,467	1,515	1,557	1,597	1,646	1,689	1,725	1,765	1,807
South Dakota	387	394	402	408	413	419	427	433	437
Tennessee	2,378	2,442	2,502	2,550	2,601	2,654	2,714	2,778	2,828
Texas	6,567	6,757	6,927	7,108	7,295	7,515	7,760	7,978	8,209
Utah	570	591	610	630	650	670	692	716	742
Vermont	261	268	275	280	285	292	298	305	311
Virginia	2,790	2,856	2,913	2,979	3,047	3,124	3,203	3,283	3,370
Washington	2,057	2,089	2,101	2,137	2,198	2,259	2,322	2,392	2,483
West Virginia	1,069	1,091	1,115	1,127	1,138	1,160	1,188	1,210	1,224
Wisconsin	2,592	2,646	2,702	2,752	2,801	2,857	2,907	2,965	3,019
Wyoming	195	200	206	212	220	231	242	253	267
Northeast Region	30,593	31,035	31,350	31,531	31,719	32,016	32,307	32,571	32,846
Midwest Region	33,726	34,241	34,697	35,138	35,563	36,005	36,516	37,053	37,600
South Region	37,437	38,528	39,514	40,503	41,506	42,495	43,481	44,484	45,509
West Region	20,966	21,554	22,055	22,621	23,225	23,867	24,543	25,263	26,084
United States	122,722	125,358	127,616	129,793	132,013	134,383	136,847	139,371	142,039

NOTE: Population in 1,000s.

Table A-2. Population age 21 years and older for States, census regions, and United States, 1970–2000. (Continued)

Geographic area	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Alabama	2,428	2,500	2,552	2,598	2,637	2,677	2,702	2,741	2,775
Alaska	236	247	254	270	296	309	324	333	328
Arizona	1,556	1,766	1,840	1,902	1,983	2,053	2,160	2,230	2,313
Arkansas	1,426	1,489	1,512	1,525	1,561	1,585	1,598	1,616	1,631
California	15,146	15,916	16,426	16,897	17,307	17,698	18,315	18,698	19,149
Colorado	1,793	1,905	1,977	2,045	2,120	2,159	2,217	2,253	2,273
Connecticut	2,122	2,117	2,162	2,200	2,210	2,243	2,260	2,284	2,309
Delaware	380	391	399	406	414	423	433	442	453
District of Columbia	443	453	452	455	451	453	467	461	458
Florida	6,180	6,887	7,267	7,493	7,732	7,982	8,332	8,573	8,833
Georgia	3,256	3,495	3,603	3,684	3,782	3,884	4,006	4,083	4,183
Hawaii	578	631	645	659	681	697	710	726	744
Idaho	558	583	597	606	623	632	635	646	647
Illinois	7,346	7,525	7,630	7,692	7,778	7,844	7,886	7,967	8,030
Indiana	3,486	3,545	3,578	3,619	3,657	3,698	3,723	3,765	3,802
Iowa	1,912	1,914	1,931	1,956	1,972	1,987	1,975	1,977	1,978
Kansas	1,578	1,571	1,600	1,628	1,648	1,663	1,673	1,705	1,717
Kentucky	2,280	2,360	2,391	2,422	2,475	2,501	2,514	2,534	2,551
Louisiana	2,476	2,610	2,708	2,770	2,830	2,867	2,891	2,936	2,919
Maine	715	739	754	762	776	789	802	813	828
Maryland	2,749	2,810	2,877	2,909	2,966	3,025	3,067	3,130	3,195
Massachusetts	3,900	3,900	3,981	4,030	4,060	4,111	4,164	4,208	4,241
Michigan	5,916	5,963	6,012	6,019	6,053	6,109	6,147	6,227	6,303
Minnesota	2,638	2,658	2,707	2,757	2,788	2,822	2,854	2,910	2,945
Mississippi	1,483	1,550	1,578	1,609	1,648	1,666	1,684	1,690	1,702
Missouri	3,238	3,271	3,320	3,355	3,393	3,439	3,467	3,530	3,572
Montana	504	510	520	530	544	551	554	553	550
Nebraska	1,029	1,030	1,044	1,059	1,072	1,083	1,084	1,099	1,100
Nevada	455	541	577	606	617	633	674	683	714
New Hampshire	583	541	627	645	657	674	695	716	740
New Jersey	4,948	4,991	5,079	5,156	5,227	5,300	5,329	5,434	5,493
New Mexico	755	805	832	859	890	913	929	964	980
New York	11,935	11,918	12,075	12,215	12,320	12,439	12,540	12,590	12,662
North Carolina	3,658	3,851	3,964	4,058	4,141	4,236	4,344	4,391	4,468
North Dakota	420	419	429	441	450	456	454	458	454
Ohio	7,015	7,090	7,159	7,232	7,264	7,322	7,356	7,427	7,487
Oklahoma	1,910	1,993	2,059	2,123	2,206	2,215	2,223	2,253	2,231
Oregon	1,688	1,771	1,799	1,809	1,828	1,846	1,863	1,900	1,924
Pennsylvania	7,980	8,079	8,188	8,265	8,352	8,409	8,409	8,488	8,557
Rhode Island	630	645	660	672	677	686	694	700	711
South Carolina	1,846	1,977	2,039	2,089	2,151	2,195	2,248	2,273	2,315
South Dakota	440	442	444	451	459	464	469	478	482
Tennessee	2,890	3,026	3,081	3,142	3,194	3,235	3,298	3,327	3,382
Texas	8,492	9,069	9,499	9,896	10,230	10,451	10,780	10,973	11,028
Utah	772	832	862	883	920	939	952	966	971
Vermont	318	333	342	345	354	360	368	373	380
Virginia	3,428	3,552	3,652	3,732	3,807	3,902	3,967	4,069	4,166
Washington	2,596	2,758	2,844	2,883	2,936	2,983	3,031	3,109	3,173
West Virginia	1,244	1,284	1,302	1,312	1,334	1,333	1,327	1,324	1,320
Wisconsin	3,080	3,060	3,127	3,180	3,201	3,236	3,253	3,286	3,318
Wyoming	284	297	313	321	330	329	327	331	321
Northeast Region	33,131	33,263	33,868	34,290	34,633	35,011	35,262	35,606	35,921
Midwest Region	38,098	38,488	38,981	39,389	39,735	40,123	40,342	39,498	39,857
South Region	46,569	49,297	50,935	52,223	53,565	54,630	55,881	56,816	57,610
West Region	26,921	28,562	29,486	30,270	31,075	31,742	32,691	34,723	35,418
United States	144,719	149,610	153,270	156,172	159,008	161,506	164,177	166,647	168,805

NOTE: Population in 1,000s.

Table A-2. Population age 21 years and older for States, census regions, and United States, 1970–2000. (Continued)

Geographic area	Year								
	1988	1989	1990	1991	1992	1993	1994	1995	1996
Alabama	2,795	2,757	2,793	2,837	2,887	2,937	2,973	2,995	3,027
Alaska	332	350	353	365	380	387	391	395	398
Arizona	2,369	2,477	2,507	2,594	2,698	2,806	2,952	3,075	3,180
Arkansas	1,636	1,612	1,625	1,647	1,670	1,704	1,730	1,756	1,781
California	19,592	20,199	20,566	20,893	21,271	21,418	21,483	21,548	21,694
Colorado	2,283	2,259	2,279	2,348	2,431	2,524	2,611	2,688	2,756
Connecticut	2,330	2,381	2,394	2,402	2,400	2,400	2,399	2,400	2,409
Delaware	464	463	471	482	493	503	509	519	527
District of Columbia	451	464	457	453	453	453	446	435	428
Florida	9,050	9,312	9,524	9,810	10,031	10,220	10,446	10,665	10,903
Georgia	4,259	4,360	4,439	4,560	4,690	4,808	4,944	5,066	5,186
Hawaii	757	765	785	801	815	823	832	838	844
Idaho	652	641	652	675	697	722	746	769	788
Illinois	8,091	7,906	7,979	8,064	8,168	8,260	8,320	8,365	8,412
Indiana	3,836	3,788	3,839	3,895	3,956	4,013	4,048	4,084	4,124
Iowa	1,994	1,921	1,930	1,948	1,976	1,992	2,002	2,015	2,022
Kansas	1,733	1,697	1,705	1,719	1,748	1,765	1,780	1,795	1,804
Kentucky	2,568	2,536	2,563	2,591	2,629	2,671	2,697	2,729	2,757
Louisiana	2,902	2,785	2,804	2,825	2,857	2,881	2,902	2,925	2,947
Maine	846	854	867	873	876	882	883	886	893
Maryland	3,264	3,361	3,411	3,460	3,501	3,529	3,564	3,589	3,625
Massachusetts	4,283	4,351	4,367	4,373	4,399	4,422	4,439	4,465	4,485
Michigan	6,347	6,345	6,401	6,481	6,563	6,615	6,665	6,718	6,783
Minnesota	2,996	2,990	3,021	3,066	3,107	3,153	3,192	3,228	3,268
Mississippi	1,709	3,548	1,702	1,719	1,740	1,768	1,793	1,820	1,841
Missouri	3,604	1,679	3,578	3,613	3,652	3,693	3,732	3,764	3,798
Montana	550	542	544	551	561	574	587	602	612
Nebraska	1,109	1,075	1,081	1,092	1,107	1,118	1,127	1,140	1,153
Nevada	748	810	856	922	965	1,006	1,071	1,130	1,189
New Hampshire	759	775	782	781	788	798	806	818	832
New Jersey	5,542	5,578	5,617	5,651	5,690	5,726	5,758	5,797	5,845
New Mexico	990	986	1,000	1,024	1,052	1,077	1,111	1,140	1,166
New York	12,749	12,835	12,900	12,964	13,049	13,122	13,145	13,155	13,191
North Carolina	4,535	4,612	4,689	4,812	4,914	5,031	5,136	5,251	5,364
North Dakota	454	436	436	435	438	441	443	446	450
Ohio	7,543	7,499	7,572	7,645	7,722	7,787	7,823	7,863	7,897
Oklahoma	2,215	2,154	2,159	2,180	2,216	2,240	2,260	2,278	2,304
Oregon	1,964	1,960	1,999	2,059	2,106	2,163	2,205	2,249	2,298
Pennsylvania	8,621	8,498	8,551	8,629	8,690	8,743	8,767	8,785	8,806
Rhode Island	717	719	725	732	737	738	737	736	738
South Carolina	2,345	2,349	2,394	2,453	2,500	2,539	2,571	2,606	2,639
South Dakota	485	466	467	471	476	483	491	497	502
Tennessee	3,419	3,395	3,435	3,500	3,567	3,634	3,702	3,772	3,843
Texas	11,073	11,172	11,314	11,575	11,845	12,134	12,411	12,691	12,928
Utah	977	993	1,012	1,048	1,091	1,134	1,176	1,214	1,252
Vermont	389	386	392	396	402	406	410	414	418
Virginia	4,249	4,311	4,388	4,462	4,557	4,636	4,699	4,754	4,816
Washington	3,255	3,306	3,391	3,495	3,595	3,687	3,757	3,835	3,897
West Virginia	1,311	1,265	1,267	1,277	1,289	1,302	1,309	1,312	1,317
Wisconsin	3,362	3,347	3,377	3,434	3,489	3,541	3,575	3,616	3,655
Wyoming	317	300	297	302	308	314	320	326	329
Northeast Region	36,326	36,377	36,595	36,802	37,033	37,237	37,345	37,456	37,616
Midwest Region	41,555	39,148	41,384	41,863	42,403	42,861	43,198	43,534	43,867
South Region	58,247	60,454	59,434	60,646	61,840	62,988	64,092	65,163	66,234
West Region	34,787	35,588	36,240	37,076	37,969	38,636	39,243	39,808	40,405
United States	170,825	171,567	173,654	176,386	179,244	181,721	183,876	185,958	188,122

NOTE: Population in 1,000s.

Table A-2. Population age 21 years and older for States, census regions, and United States, 1970–2000. (Continued)

Geographic area	Year			
	1997	1998	1999	2000
Alabama	3,050	3,087	3,109	3,128
Alaska	399	402	407	411
Arizona	3,297	3,384	3,468	3,561
Arkansas	1,806	1,825	1,851	1,877
California	22,051	22,459	22,852	23,241
Colorado	2,820	2,880	2,956	3,032
Connecticut	2,416	2,420	2,429	2,444
Delaware	534	541	548	556
District of Columbia	423	424	426	425
Florida	11,144	11,367	11,564	11,787
Georgia	5,314	5,432	5,550	5,680
Hawaii	853	861	861	868
Idaho	807	825	843	864
Illinois	8,454	8,521	8,581	8,650
Indiana	4,146	4,170	4,198	4,229
Iowa	2,028	2,035	2,044	2,053
Kansas	1,813	1,828	1,839	1,850
Kentucky	2,773	2,808	2,841	2,872
Louisiana	2,969	2,990	3,012	3,030
Maine	901	905	915	926
Maryland	3,648	3,672	3,706	3,748
Massachusetts	4,512	4,535	4,566	4,597
Michigan	6,811	6,837	6,875	6,927
Minnesota	3,299	3,328	3,373	3,425
Mississippi	1,862	1,888	1,907	1,926
Missouri	3,829	3,853	3,888	3,927
Montana	617	620	626	633
Nebraska	1,160	1,166	1,173	1,182
Nevada	1,256	1,315	1,367	1,426
New Hampshire	842	852	865	879
New Jersey	5,897	5,948	5,994	6,047
New Mexico	1,181	1,199	1,213	1,229
New York	13,240	13,341	13,435	13,522
North Carolina	5,468	5,576	5,671	5,757
North Dakota	450	449	447	446
Ohio	7,909	7,934	7,955	7,985
Oklahoma	2,326	2,349	2,379	2,396
Oregon	2,336	2,372	2,404	2,436
Pennsylvania	8,797	8,806	8,825	8,846
Rhode Island	739	742	745	750
South Carolina	2,684	2,733	2,783	2,822
South Dakota	503	505	510	516
Tennessee	3,905	3,959	4,008	4,056
Texas	13,193	13,467	13,746	14,051
Utah	1,285	1,318	1,348	1,385
Vermont	422	426	430	434
Virginia	4,867	4,908	4,982	5,059
Washington	3,968	4,033	4,085	4,140
West Virginia	1,318	1,320	1,325	1,326
Wisconsin	3,677	3,698	3,724	3,759
Wyoming	332	334	337	341
Northeast Region	37,766	37,975	38,203	38,446
Midwest Region	44,079	44,324	44,606	44,948
South Region	67,282	68,347	69,405	70,498
West Region	41,203	42,002	42,766	43,569
United States	190,329	192,648	194,980	197,461

NOTE: Population in 1,000s.

APPENDIX B

DATA SOURCES AND LIMITATIONS

Introduction

The data presented in this manual were derived from a number of sources. Each source—whether a State alcohol beverage control office measuring taxable, alcoholic beverages sold within their jurisdiction, or beverage industry reports of beverage shipments—computes the data reported in this and similar publications using assumptions and procedures that may be unique. Thus, differences in calculation procedures at the source level may create some inaccuracies both in magnitude of alcohol consumption for a given State and in a comparison with apparent consumption of other States.

Factors that may result in errors and underestimates of total alcohol consumption are discussed below.

State Reporting Practices

The data presented in these pages are based on beverage industry reports and State reports of sales, whether in terms of consumption (in various units of measure) or tax receipts (in dollars). Since the Alcohol Epidemiologic Data System (AEDS) was not in existence until the late 1970s, any previous data reported in this manual are based solely on beverage industry reports of shipments, removals from warehouses, etc., and not on State sales reports.

In reviewing various State reports, AEDS has noted differences among States in their record keeping and reporting systems. Despite efforts by AEDS to obtain routine reports from each State for beer, wine, and spirits, not all States have the resources to provide AEDS with such reports. In some cases reports for only one or two beverage types are provided. Calculations appearing in this manual are taken from State reports unless a problem of possible inconsistency is discovered. In the few cases where possible inconsistency may be present, data were taken from beverage industry shipments for those States and those years.

The levels of sales measurement may vary from State to State. In some States, beverage volumes are reported by wholesalers or producers. This can introduce temporal and geographic errors in comparisons of States due to time delays in distribution of beverages versus sales to the end user. Similarly, State taxation rates and methods of collection vary widely, so volumetric estimates based on revenue collection may not remain constant among States.

Military sales of beverages varies widely among States. It should be noted that various States provide a reduced tax liability for beverages earmarked for military sales, while others limit such sales to State wholesalers or suppliers. Because some States do not include military sales in the routine monthly reports or separate them out in beverage industry reports, military sales are not totally represented in the data reported in this manual. In cases where AEDS has full calendar year State military alcohol sales data, those data have been included in the State consumption total reported in this manual.

Medications and Foods Containing Alcohol

Many categories of medication, including prescription and over-the-counter vitamins, tranquilizers, antacids, antihistamines, and cough preparations, include alcohol (Petroni and Cardoni, 1979; Dangor and Veltman, 1985). Certain yeast breads and soft drinks contain small (.004 to 1.662 percent by weight) amounts of ethanol, which are sufficient to affect breath-alcohol tests if a fifteen minute waiting period is not imposed (Logan and Distefano, 1998). Ethanol also is commonly used as a preservative in the food industry; however, little is apparently known about the resulting ethanol residues on foodstuffs (Barbanti, Galassi, and Potentini, 1995). The quantity of ethanol consumed via medications and foods is not included in the calculations of this manual.

Illicit Production, Importation, and Sales

Contraband gallonage of alcohol produced or imported and consumed in the United States is not included in per capita consumption estimates. It has been speculated in the literature that there is no discernible trend in illicit production, importation, and sales (Single and Giesbrecht, 1979), but it is not known whether the production or sale of illicit or otherwise unreported alcohol is of negligible import. Illicit alcohol consumption is more significant in some areas than in others. One study (Ellis and Lacy, 1998) finds that illicit alcohol consumption among alcoholic patients declined in one such area, Tuscaloosa County, Alabama, between 1982 and 1992.

Legal Home Production

Legal home production of wine and beer is another potentially significant source of unrecorded alcohol consumption (Single and Giesbrecht, 1979). Cider is thought to be another source of unregistered alcohol consumption in some parts of the United States. Promotions of home beer brewing kits may also influence the amount of beer consumed and its ethanol content.

Sales, Taxes, and Transportation of Beverages Across State Lines

Estimated per capita consumption based on sales within a specific geographic area can be influenced by the effects of purchases made across State lines where prices are more favorable (Mooney, 1977). The true per capita consumption within a given State or region may be underestimated within an area because of importation of large amounts of beverages, or overestimated because of actual consumption outside of the area of purchase. For example, apparent consumption in New Hampshire and the District of Columbia may be excessively high due to purchases made by residents of neighboring States because of tax differentials and tourism (also discussed in this section of the manual). Federal tax is paid at the brewery on all beer withdrawn for sale. Because some of this beer is shipped to other States by the brewer, there is no close relationship between tax-paid withdrawals and shipments in a given State (Beer Institute, 1994, 1998). There is no known satisfactory method for determining the size of these errors.

Consumption Not Included in State Reports

Other than the areas mentioned above, there is probably some consumption by persons employed in the alcohol industry. Other unreported alcohol intake probably occurs in areas such as skid rows, where the consumption of non-beverage alcohol may be high and certainly is unrecorded. Egbert et al (1985) suggest the prevalence of non-beverage alcohol use among V.A. hospitalized alcoholics may be as high as 15–20 percent.

Time-Delay and other Factors Between State Taxation Records and Actual Consumption

Estimates of actual consumption may be distorted due to storage or stockpiling of alcoholic beverages on a wholesale, retail, or consumer level, which may result in a time lag before actual consumption (deLint, 1977). State regulations vary as to where alcoholic beverages, such as wine, can be sold for off-premise consumption (Jobson, 1994). In recent years, a number of microbreweries and brewpubs have emerged. Brewpubs, which began to appear in 1982, also brew for both on- and off-premise markets (Brewers Association of Canada, 1993). In addition, use of alcohol tax data may be inaccurate because there is no certainty that all the alcohol on which taxes are levied in a given time period are consumed in that period (Kling, 1989, 1991). Finally, Giesbrecht and colleagues (2000) identify a number of possible sources of accidental and intentional “slippage” between consumption of alcoholic beverages and their earlier taxation, including breakage, discarding old, stale, or unpotable beverages, and spillage.

Inaccuracies in Calculating Ethanol from Beverage Volumes

The differences in proof within alcohol beverage categories (i.e., beer, wine, and spirits) can vary over time and by geography (due to laws or, perhaps, beverage preferences). Such differences can confound temporal and geographic comparisons.

The average proofs or ethanol conversion factors used in this manual for each of the three beverage types are national estimates. These estimates may not accurately reflect the actual proofs for each type of beverage among each of the States (Research Triangle Institute, 1978). The introduction of “light” beer, “light” wines, and coolers (both wine and spirits) may have slightly lowered the average ethanol content in some alcoholic beverages. For example, Kling (1989, 1991) suggests that there were decreases in the ethanol content of spirits during the 1980s. However, such decreases may be offset by the increase in sales of drinks with higher ethanol content, such as premium brand liquors, fortified wines, malt liquors, and locally produced beers and ales (microbrews). “Ice” beers and “dry” beers, for example, both have higher ethanol content than either premium or light beers (M. Shanken Communications, Inc. 1994). Therefore, any decrease in the average net ethanol content across all beverages has probably been minimal and not large enough to alter the trends in overall per capita consumption. While specific conversion factors are suggested for specific geographical settings (e.g., Single and Giesbrecht, 1979), few such analyses have been conducted. Recently, however, Kerr and Greenfield (2003) demonstrated that using average State beer ethanol contents for a given year, derived from (1) the market shares of beer categories (such as ice beer, imports, premium, etc.), (2) the national market shares of leading brands in each category, and (3) brand-level ethanol

contents, yielded per capita ethanol consumption estimates that are different from those produced by AEDS (Nephew et al, 2000) in terms of both time trends and cross-state rankings. Further investigation is needed to assess this alternative approach to ethanol content conversion.

Inaccuracies in Using Population Data in Calculating Per Capita Consumption

AEDS uses a population of 14 years and older to calculate per capita consumption rates. Although age 14 is below the minimum legal age for the purchase of alcoholic beverages in the United States, most self-report surveys indicate that many 14-year-olds drink alcoholic beverages. According to Johnston and colleagues (2003), 19.6 percent of 8th graders reported using alcohol in the past 30 days in 2002, and 6.7 percent reported being drunk in the past 30 days.

The accuracy of population data, particularly for intercensal years, is a concern. Intercensal estimates often are of decreasing accuracy as the period of time from the last full census increases. Any inaccuracies in population estimates would affect the accuracy of the per capita alcohol consumption estimates.

The Census Bureau recently has released new 5-year age group population estimates for each of the States for the years 1990 to 1999 (at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>). The new numbers are improved with information gained during the year 2000 Census. However, the 5-year age cutoffs in the new release do not match our need for estimates of State populations 14 years and older. To obtain these estimates, AEDS calculated the proportion of 14 year olds in the 10-14 age group from the old population estimate for each of the years from 1990 to 1999. The proportion was then multiplied by the new estimate for the 10-14 year old population for each respective year. The resulting estimate of the number of 14 year olds was added to the number of persons 15 years and older obtained directly from the new Census release. The replacement of old population estimates for the 1990s resulted in changes (mainly slight decreases) in per capita consumption for these years compared to previous reports in this series.

Because the Census Bureau has only released Year 2000 July 1 total population estimates for each State, the number of persons 14 years and older was estimated using a similar process. The exact proportion of persons 14 years and older to the total population was calculated for each State and for the United States as a whole from the April 1 Census data. These proportions were then multiplied by the total population estimates to yield estimates of persons 14 years and older. Following a "raking" procedure used by the U.S. Census Bureau (2002), the resulting numbers for each of the 50 States and the District of Columbia were then multiplied by a constant factor so that their sum equaled the United States total value.

Tourism, Commuting Factors, Migration, Abstainers, and Underreporting

The effects of tourists, migrants, or transients on the population of an area or on the consumption components of any per capita estimates may be significant. For example, there are undoubtedly a large number of such persons in these categories in California, Nevada, New York, and the District of Columbia and, to an unknown extent, they may alter the per capita consumption figures for those areas by inflating the volume of alcohol consumed.

Several formulae have been proposed for correcting for tourism and migration, and one study has quantitatively measured the role of tourism in alcohol consumption (Watts and Rabow, 1981). Data needed include the number of visitors to an area, the mean duration of their stay, the number of residents of an area leaving the area, and data on consumption by visitors versus consumption by area residents traveling outside the area. However, such corrections may be unstable over time, and the measures themselves often are not measured directly, but rather are estimated from economic indices.

A large percentage of abstainers in a State's population can also significantly influence per capita consumption estimates. The percentage of abstainers varies from State to State. When reasonable estimates are available for abstainers, they can be subtracted from the denominator, thereby providing an estimate of average consumption among the drinking population (Williams, Stinson, Stewart, and Dufour, 1995). However, the prevalence of drinking may be underreported. Duffy and Waterton (1984), in a study of consumption surveys, concluded that deliberate underreporting is a major factor operating to reduce "coverage" (the proportion of known total population consumption accounted for by survey consumption data) in alcohol consumption surveys, sometimes by at least 25 percent. Rogers and Greenfield (2000) have found that undercoverage varies from State to State, and is predicted by factors such as the proportion of Hispanics, the State's age distributions, political conservatism, and the spirits share of the ethanol market.

Comparison to Previous AEDS Publications

Consumption volume values reported in this data reference manual may differ from those previously published in AEDS annual surveillance reports due to updates based on data received after publication. In addition to revising data, States may provide late data allowing a full calendar year consumption volume to be calculated. In such cases, the consumption estimates derived from State data are used to replace the estimates obtained from industry sources. Less frequently, industry data sources may revise their aggregate consumption estimate for a State, beverage type, and year. These updates are listed in table B-1 below.

Per capita consumption values reported in this data reference manual also may differ slightly from those reported in earlier editions of this manual either for the same reason as above, or because better population estimates were used as denominators.

Consequently, it is suggested that this manual be used as the primary source of apparent per capita consumption for the years 1970 to 2000.

Table B-1

This table presents revisions of consumption data reported in the NIAAA Apparent Consumption Surveillance Report for 1999 (Nephew et al, 2000), which carried forward data for 1977–1998 for each State, and reflected prior Surveillance Reports for those years. Revisions occurred when new State data became available and allowed calculations to replace an industry-based value (listed under "New State Data"), or when an industry source value was revised (listed under "New Industry Data").

Table B-1. Consumption data revisions, 1995–2000.

	Revised volumes					
	New State data			New industry data		
	Beer	Wine	Spirits	Beer	Wine	Spirits
Alabama						
1996	90,842	-	-	-	-	-
1998	91,745	4,668	4,441	-	-	-
Alaska						
1996	13,499	1,344	1,059	-	-	-
Arizona						
1996	122,595	-	-	-	-	-
Arkansas						
1995	-	-	-	48,540	1,805	-
1996	-	-	-	50,322	-	-
1998	51,627	1,858	-	-	-	-
California						
1995	-	-	-	621,827	85,826	-
Colorado						
1995	90,992	-	-	-	-	-
Connecticut						
1995	-	-	-	57,739	-	-
1996	-	9,649	-	-	-	-
Delaware						
1996	18,456	2,085	1,363	-	-	-
District of Columbia						
1995	-	-	-	16,072	-	1,774
Florida						
1995	354,202	31,838	23,610	-	-	-
Georgia						
1995	-	-	-	154,592	-	-
1996	-	-	-	-	-	10,162
Hawaii						
1996	-	2,690	-	-	-	-
1998	28,602	-	1,275	-	-	-
Idaho						
1995	-	-	-	23,400	-	-
Illinois						
1995	-	24,411	-	-	-	-
1996	271,532	26,077	15,847	-	-	-
1997	-	26,321	15,353	-	-	-
Indiana						
1995	-	-	-	116,805	7,480	-
1998	121,724	7,210	6,773	-	-	-
Iowa						
1996	-	2,135	2,532	-	-	-
1997	66,493	2,143	2,575	-	-	-
Kansas						
1995	49,466	2,321	2,495	-	-	-
Kentucky						
1995	-	-	-	73,013	2,872	4,131
Louisiana						
1995	-	5,681	6,113	-	-	-
1996	-	5,884	6,048	-	-	-
Maine						
1995	-	-	-	26,190	2,293	-
Maryland						
1996	94,717	-	-	-	-	-
Massachusetts						
1995	124,578	17,127	9,456	-	-	-
1996	123,302	18,477	9,374	-	-	-
Michigan						
1995	-	11,475	12,426	-	-	-
1996	-	-	-	-	12,977	-
Minnesota						
1995	-	-	-	101,798	-	-
1996	-	-	-	-	7,526	7,553
1998	98,594	8,002	7,857	-	-	-
Mississippi						
1995	-	-	-	64,624	-	-
Missouri						
1996	-	-	-	-	7,272	-

NOTE: Volume in 1,000s of gallons. Revisions update the surveillance report published for the data year.

Table B-1. Consumption data revisions, 1995–2000. (Continued)

	Revised volumes					
	New State data			New industry data		
	Beer	Wine	Spirits	Beer	Wine	Spirits
Montana						
1995	-	-	-	23,057	1,428	-
Nevada						
1995	-	5,683	-	-	-	-
1996	-	6,070	-	-	-	-
New Hampshire						
1995	-	-	-	35,589	3,618	4,198
New Jersey						
1995	-	-	-	148,915	22,180	11,907
1996	-	22,348	12,128	-	-	-
New Mexico						
1995	46,124	2,456	1,941	-	-	-
1996	46,844	2,534	1,957	-	-	-
1997	46,447	2,518	1,960	-	-	-
1998	46,353	2,591	1,983	-	-	-
1999	48,023	2,727	2,035	-	-	-
New York						
1995	-	-	-	323,642	44,304	-
1996	-	-	-	320,410	-	-
1998	318,562	43,950	18,841	-	-	-
North Carolina						
1995	-	-	-	147,366	10,185	-
1996	-	-	-	-	11,198	-
North Dakota						
1995	15,572	622	973	-	-	-
1996	16,222	523	-	-	-	-
1998	16,899	538	971	-	-	-
Ohio						
1995	-	-	-	254,318	11,612	-
Oklahoma						
1995	-	2,406	2,815	-	-	-
1996	-	2,559	-	-	-	-
Oregon						
1996	-	-	-	-	-	3,863
Pennsylvania						
1995	-	-	-	269,795	13,783	-
Rhode Island						
1995	-	-	-	21,936	2,412	1,211
South Carolina						
1995	-	-	-	91,597	4,163	-
South Dakota						
1995	-	-	-	17,269	551	-
Tennessee						
1995	-	-	-	112,236	4,890	-
1996	-	-	-	-	5,158	-
Texas						
1995	-	-	-	507,904	21,457	-
Utah						
1995	-	-	-	24,932	-	-
1996	-	-	-	-	1,168	-
Vermont						
1995	-	-	-	13,327	-	-
Virginia						
1995	-	-	-	137,229	12,004	6,404
1996	-	-	-	137,318	-	6,435
Washington						
1995	-	13,503	-	110,516	-	-
West Virginia						
1995	-	-	-	38,165	1,028	-
Wisconsin						
1995	-	7,328	-	143,193	-	-
1996	142,498	7,877	8,945	-	-	-
Wyoming						
1995	11,368	-	-	-	461	743
1996	-	-	-	11,832	-	-

NOTE: Volume in 1,000s of gallons. Revisions update the surveillance report published for the data year.

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