



National Institute  
on Alcohol Abuse  
and Alcoholism

National Institute on Alcohol Abuse and Alcoholism  
Division of Epidemiology and Prevention Research  
Alcohol Epidemiologic Data System

## **SURVEILLANCE REPORT #115**

### **APPARENT PER CAPITA ALCOHOL CONSUMPTION: NATIONAL, STATE, AND REGIONAL TRENDS, 1977–2018**

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## HIGHLIGHTS

This surveillance report on 1977–2018 apparent per capita alcohol consumption in the United States is the 34th in a series of consumption reports produced annually by the National Institute on Alcohol Abuse and Alcoholism (NIAAA). Findings are based on alcoholic beverage sales data collected by the Alcohol Epidemiologic Data System (AEDS) from the States or from the National Alcohol Beverage Control Association and from various reports produced by beverage industry sources. Population data from the U.S. Census Bureau are used as denominators to calculate per capita rates.

The following are highlights from the current report, which updates consumption trends through 2018:

- Per capita consumption of ethanol from all alcoholic beverages combined in 2018 was 2.35 gallons, representing no change from 2017.
- Between 2017 and 2018, changes in overall per capita ethanol consumption included increases in 15 States, decreases in 28 States and the District of Columbia, and no changes in 7 States.
- Analysis of overall per capita alcohol consumption by U.S. Census region between 2017 and 2018 indicated an increase of 3.7 percent in the West. The analysis also showed decreases of 0.4 percent in the Northeast, 0.4 percent in the Midwest, and 1.3 percent in the South.
- *Healthy People 2020* set the national objective for per capita annual alcohol consumption at no more than 2.1 gallons. Per capita consumption would need to decrease by 5.5 percent each year for the next 2 years to achieve this goal. In 2018, the overall per capita annual alcohol consumption level was more than 10 percent above target (> 2.31 gallons) in 28 States and the District of Columbia, 10 percent or less above target (> 2.10–2.31 gallons) in 12 States, up to 10 percent below target (1.89–2.10 gallons) in 6 States, and more than 10 percent below target (< 1.89 gallons) in 4 States.

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## INTRODUCTION

This surveillance report on apparent per capita alcohol consumption in the United States is the 34th in a series of reports that examine alcohol consumption trends on a national, State, and regional basis. Like previous reports on per capita alcohol consumption, it is intended to provide updated alcohol information for policymakers, health care providers, researchers, and others concerned about alcohol issues.

Data presented in this report are related to one of the national objectives set in *Healthy People 2020* for alcohol consumption. Healthy People, a program initiated by the U.S. Department of Health and Human Services, establishes benchmarks to promote longer and higher-quality lives for Americans. The program's objective for alcohol consumption is to reduce the national per capita annual alcohol consumption level by 10 percent from the 2007

baseline value of 2.3 gallons per year to no more than 2.1 gallons per year by 2020 (U.S. Department of Health and Human Services 2012). According to NIAAA (2010), a “standard drink” in the United States contains 0.6 fluid ounces of ethanol. Thus, the target annual per capita consumption level of 2.1 gallons of ethanol equates to a person age 14 or older consuming approximately an average of 448 standard drinks in a year.

The current report updates the 1977–2017 alcohol consumption trends (Slater and Alpert 2019) with new data for 2018. Data are shown in four tables. Table 1 presents national data on trends in beer, wine, and spirits consumption as well as on all alcoholic beverages combined. Table 2 presents data on alcohol consumption for individual States for 2018. States also are ranked in deciles according to annual per capita ethanol consumption. Table 3 presents the alcoholic beverage sales and shipment data

sources for the volume data presented in Table 2. Table 4 presents data on consumption trends for each type of beverage and all beverages combined for the States as well as for the four regions defined by the U.S. Census Bureau: Northeast, Midwest, South, and West.

## DATA

### Alcohol Consumption Data

AEDS makes every effort to obtain alcoholic beverage sales data from all States and the District of Columbia. AEDS prefers sales data to production and shipments data from beverage industry sources because sales data more accurately reflect actual alcoholic beverage consumption levels. States provide sales data in the form of volume or tax revenue that AEDS converts to gallons by using State tax rates. For 2018, AEDS received beverage sales and/or tax receipts reports from 36 States. AEDS also received spirits and wine sales data for alcoholic beverage control States from the National Alcohol Beverage Control Association. When State data were unavailable or unusable, AEDS used shipment data from beverage industry sources (Beverage Information Group 2019*a, b, c*) as a supplementary data source (Table 3). National and regional consumption data were estimated based on the sum of corresponding State-level volumes in gallons. The mixed use of data from sales and shipments sources appears to have little effect on overall trends in per capita alcohol consumption (Campbell et al. 1994; Haughwout et al. 2015). Some of the consumption estimates reported in the current report may differ slightly from those published in the previous year due to updates and revisions based on data received after publication. The types of data sources AEDS used to obtain alcohol consumption data are listed for years 2001–2018 in this report’s data file (<http://pubs.niaaa.nih.gov/publications/surveillance.htm>).

### Population Data

AEDS obtained State population estimates for people ages 14 and older from the Centers for Disease Control and Prevention’s WONDER online query system, which provides bridged-race population estimates produced by the U.S. Census Bureau in collaboration with the National Center for Health Statistics (U.S. Department of Health and Human Services 2019). These data are used as denominators to calculate the per capita consumption figures.

To make the trend data more precise, AEDS revises data published in previous reports when the Census Bureau revises its population estimates. This report updates the 2010–2017 population estimates using revised bridged-race estimates of the July 1 resident population from the Vintage 2018 postcensal series (U.S. Department of Health and Human Services 2019).

## METHODS

### Conversion of Ethanol Content

AEDS uses an estimate of average ethanol content in the alcoholic beverages to convert the gallons of sold or shipped beer, wine, and spirits into gallons of ethanol (pure alcohol) before calculating per capita consumption estimates. For data years 1977–2018, the alcohol by volume (ABV; i.e., proportion of ethanol for each beverage type) values are 0.045 for beer, 0.129 for wine, and 0.411 for spirits (Doernberg and Stinson 1985). Following the ethanol conversions, gallons of ethanol for beer, wine, and spirits are summed to gallons of ethanol for all beverages.

AEDS has considered changes in the alcoholic beverage market over time that may affect the fixed ABV estimates used in this report (Martinez et al. 2019). Although changes in the average net ethanol content across all beverages are minimal (i.e., correlations between per capita consumption estimates derived from fixed and time-varying ABVs are >0.98 and >0.93 for

national overall and beverage-specific estimates, respectively) and not large enough to alter the trends in overall per capita consumption (i.e., parallel trend lines since 1995 based on Joinpoint analysis), AEDS provides time-varying ABVs and corresponding gallons of ethanol in this report's data file for comparison purposes (<http://pubs.niaaa.nih.gov/publications/surveillance.htm>).

The Alcohol Research Group provides AEDS with time-varying ABVs annually and derives the estimates for each beverage type based on three data components: (1) market shares for subcategories within the beverage type (e.g., table wine and wine coolers within wine); (2) market shares for leading brands in each subcategory; and (3) ethanol contents of these leading brands. These calculations follow the methodology developed by Kerr et al. (2006a, b) and most recently reported by Martinez et al. (2019).

### **Population Denominator**

In this report, AEDS uses the population of people ages 14 and older to calculate per capita consumption rates. Although age 14 is below the minimum legal age for purchasing alcoholic beverages throughout the United States, most self-report surveys indicate that many people drink alcoholic beverages at age 14. For example, data from the NIAAA 2012–2013 National Epidemiologic Survey on Alcohol and Related Conditions indicate that 9.56 percent of current drinkers ages 18 and older in the United States began drinking at age 14 or younger (Chen et al. 2016). Results from the Monitoring the Future survey in 2016 (Johnston et al. 2017) indicate that 17.6 percent of eighth graders (students ages 13 to 14) reported past-year use of alcohol (i.e., beyond a few sips). Also, using data from the National Survey on Drug Use and Health 2013–2015, Chen and colleagues (2017) found the median age of initiation of alcohol use among people ages 12 to 20 to be age 14.6. Nonetheless, per capita consumption estimates

for population ages 21 years and older are provided in this report's data file (<http://pubs.niaaa.nih.gov/publications/surveillance.htm>).

### **Estimation of Per Capita Ethanol Consumption**

Per capita ethanol consumption rates for each beverage type are calculated by multiplying national, State, or regional beverage volume by the corresponding ABV and dividing by the national, State, or regional population ages 14 and older. Per capita ethanol consumption of all beverages is calculated directly from the estimated gallons of ethanol for all beverages divided by the population.

Percentage change calculations in this report are based on the numbers presented in the tables, which are rounded to two decimal places.

Per capita ethanol consumption rates based on the alternative time-varying ABVs can be derived from this report's data file (<http://pubs.niaaa.nih.gov/publications/surveillance.htm>) by dividing gallons of ethanol consumed by the corresponding population of interest (i.e., ages 14 and older or ages 21 and older). For example, per capita consumption of ethanol from all alcoholic beverages combined in 2018 was 2.33 gallons (among ages 14 and older) using the time-varying ABVs.

### **Limitations**

Readers familiar with survey reports and other scientific literature are accustomed to the presentation of significance tests, or confidence intervals, on any data comparisons or trends. However, because data presented in this report are based on total actual sales and/or shipments, AEDS does not provide measures of statistical significance. Nonetheless, it is important to note that these data are still only estimates and may be subject to reporting error and random fluctuation over time.

In addition to ABVs, many factors may result in inaccuracies of per capita alcohol consumption estimates. For instance, these estimates in some

States may be inflated by such factors as cross-border sales to buyers from neighboring States (e.g., in New Hampshire) or tourist consumption of alcohol (e.g., in Nevada and Washington, D.C.). Other factors include variation in State reporting practices for sales of alcoholic beverages; time delay between State taxation records and actual consumption; exclusion of alcohol contained in medications and foods; unrecorded legal home production; and illicit production, importation, and sales (Rehm et al. 2014). These factors are discussed in detail in the AEDS data reference manual on per capita alcohol consumption (Nephew et al. 2004). Note that the word *apparent* in this report's title is pertinent, because the estimates in this report are based on the reported volumes of alcoholic beverages released to the market for sale and not on actual measures of people's alcohol consumption.

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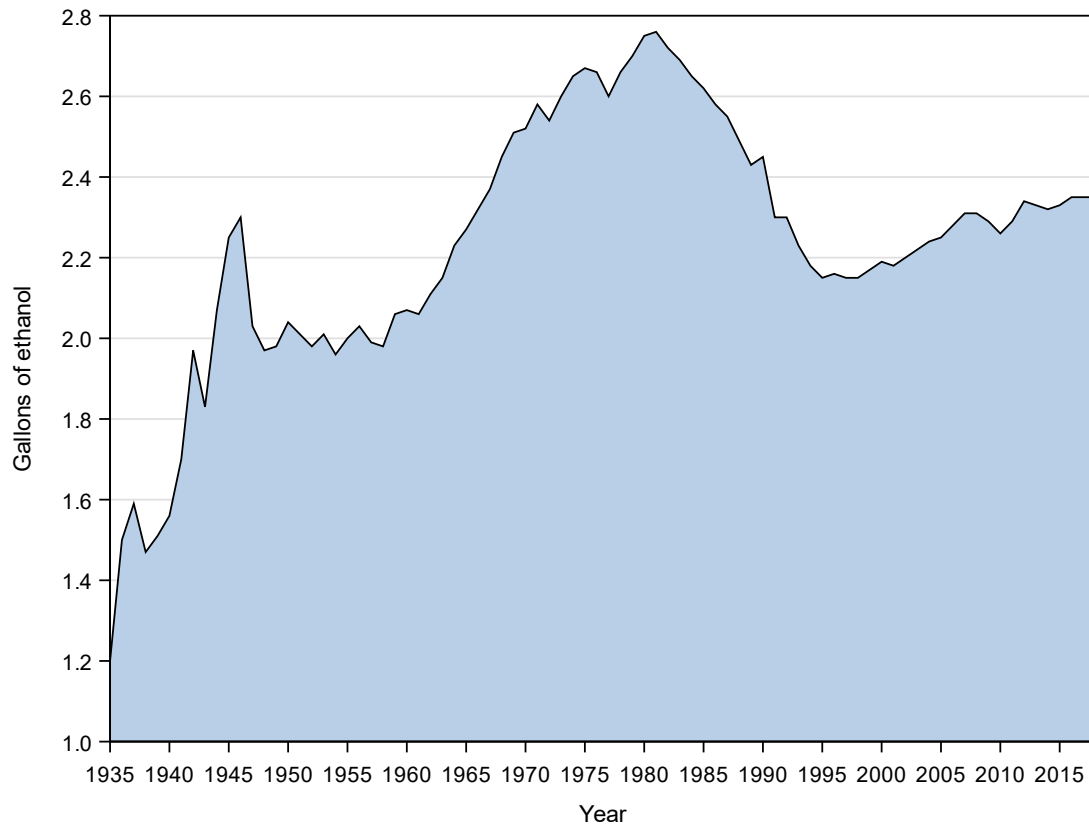
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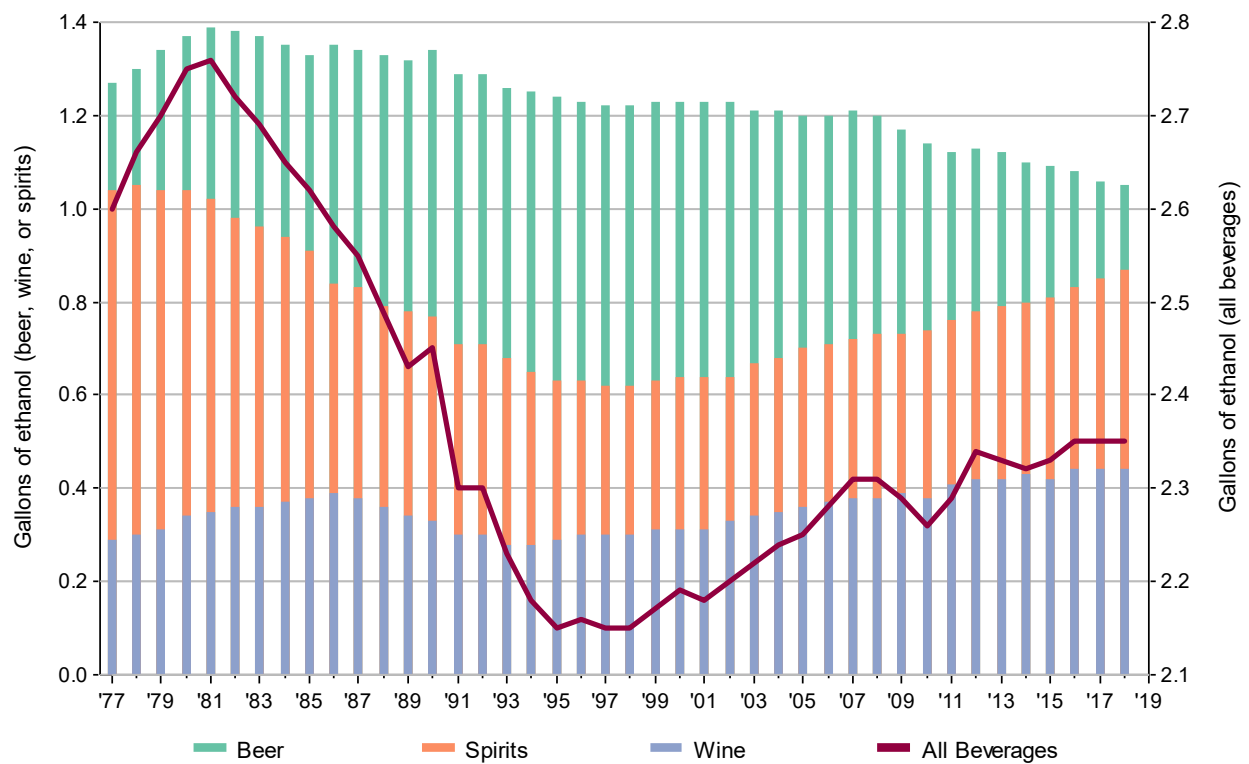
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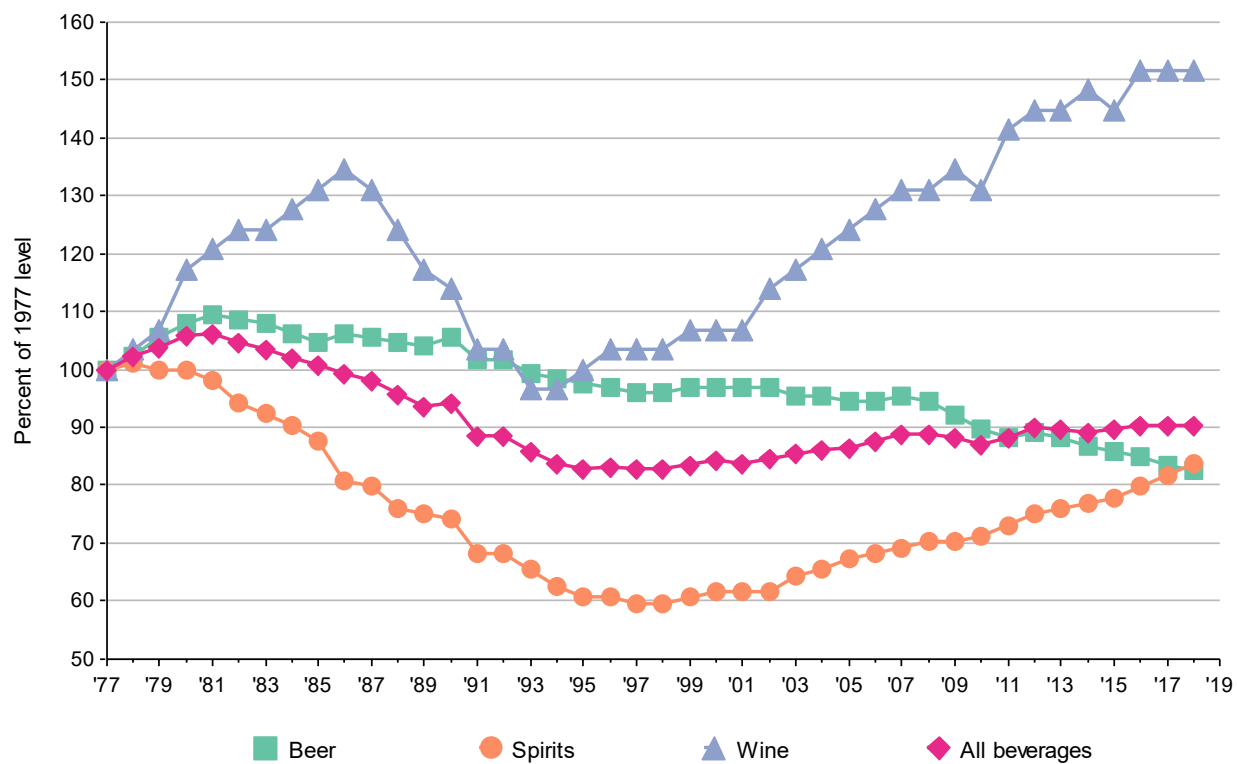
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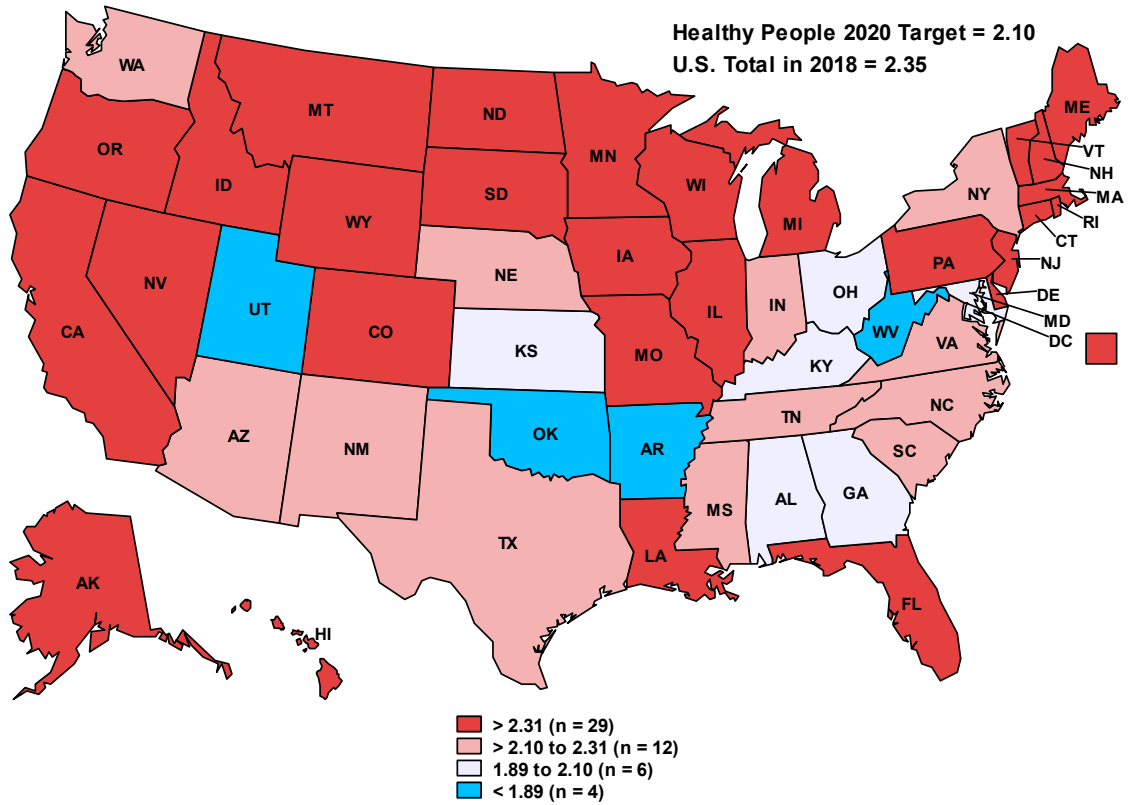
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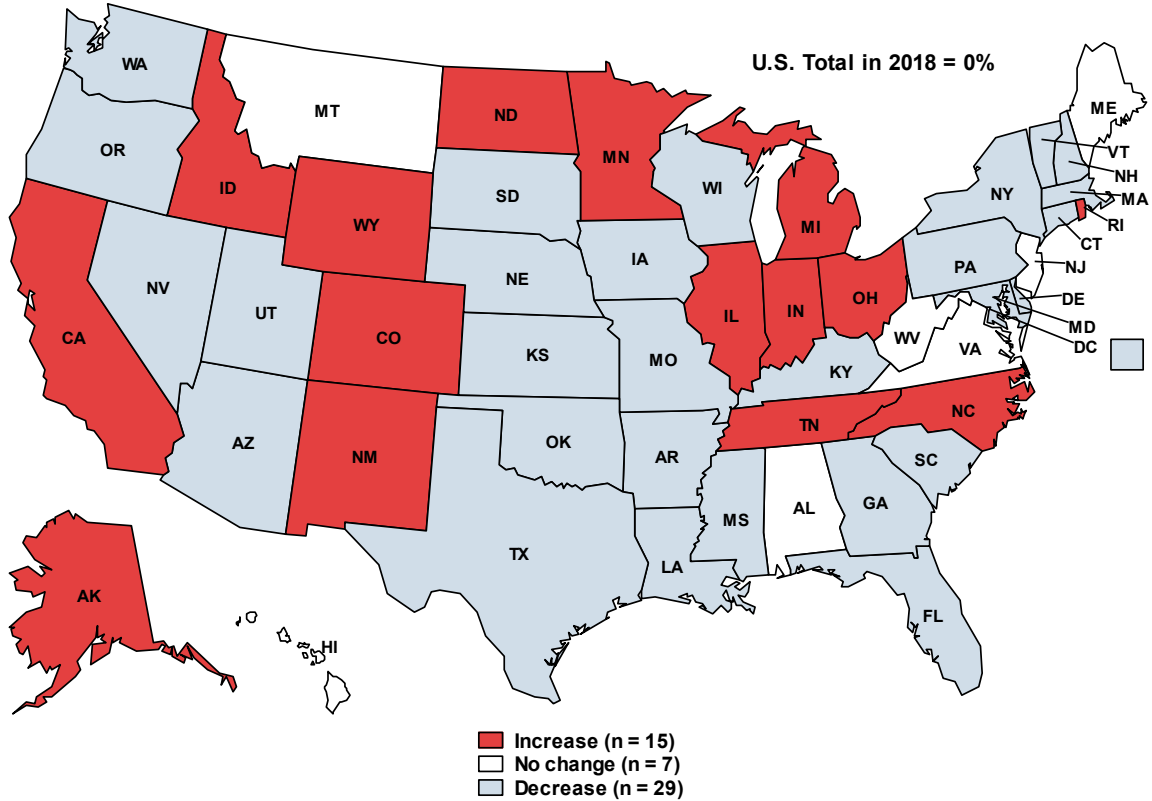
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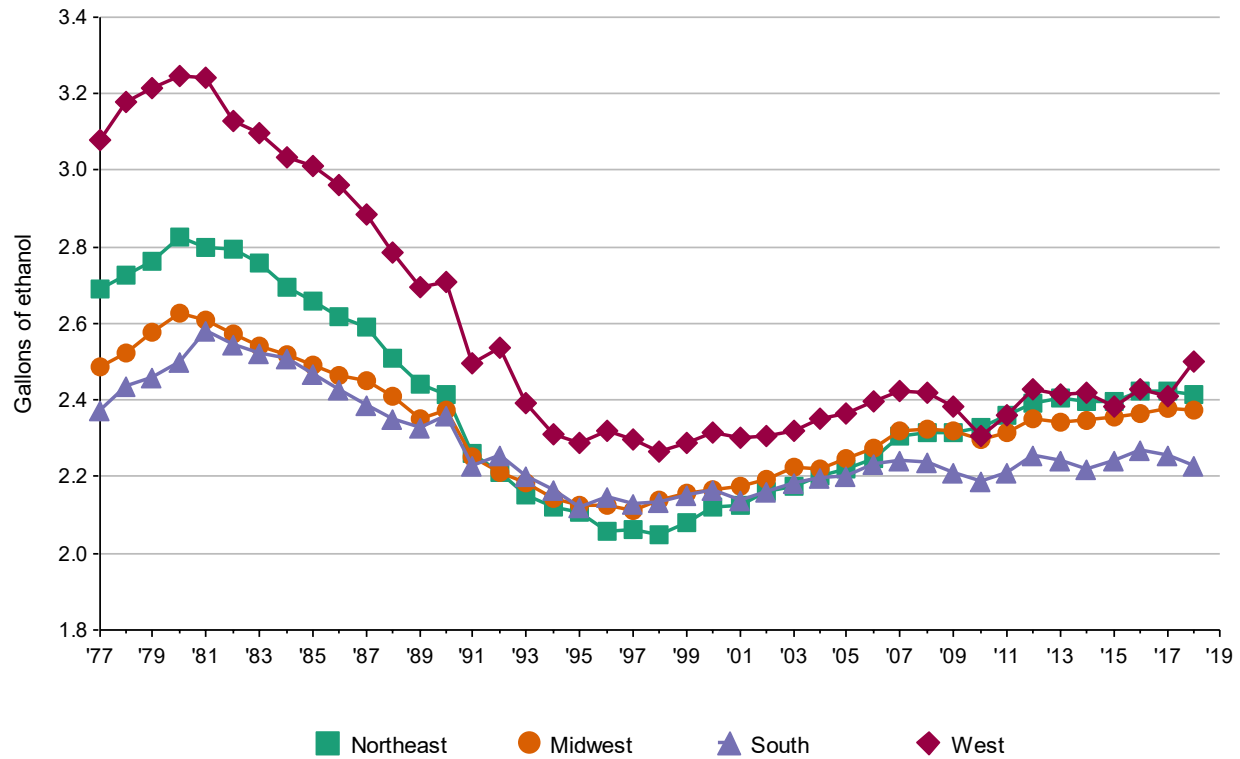
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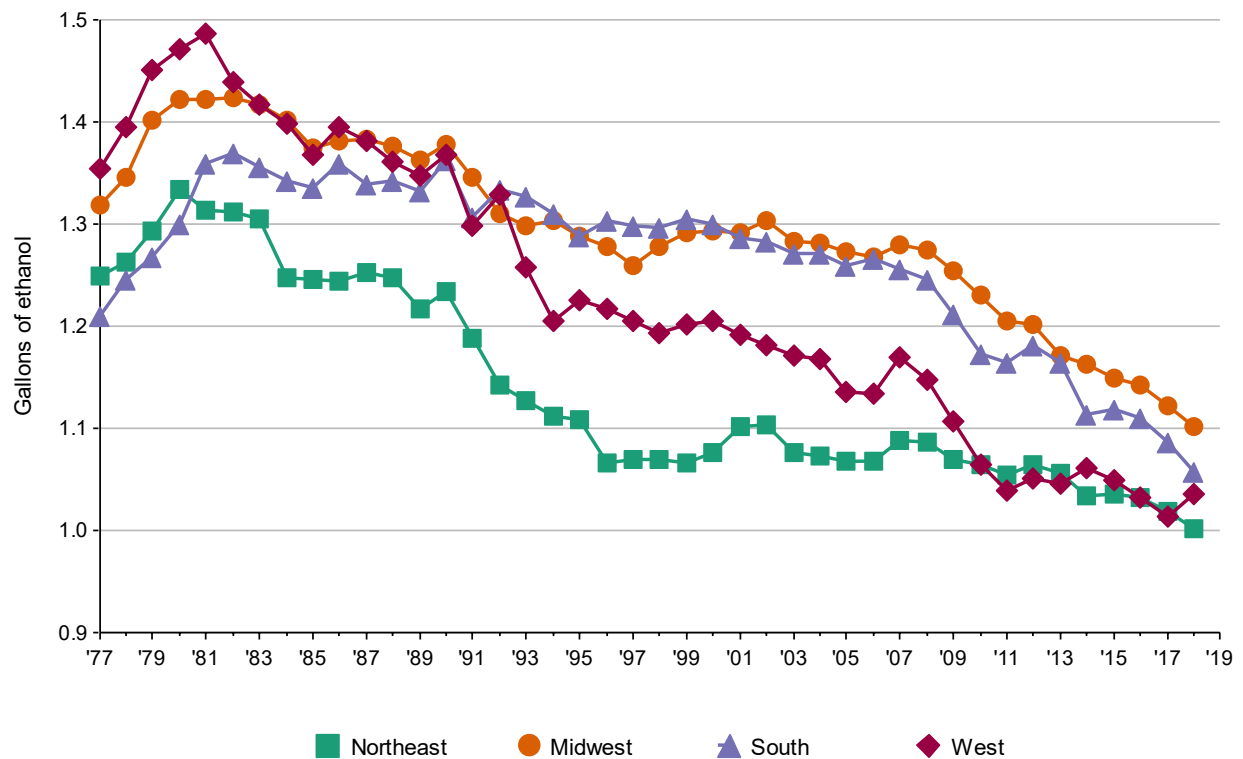
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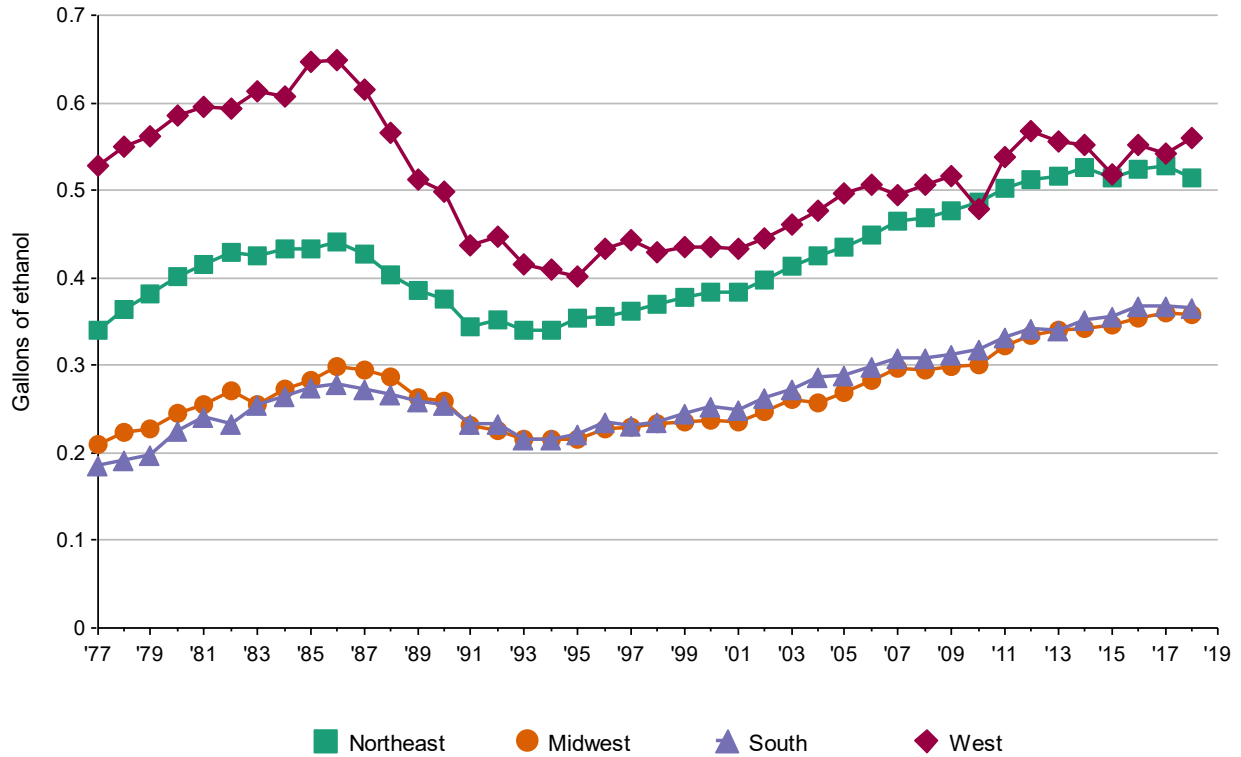
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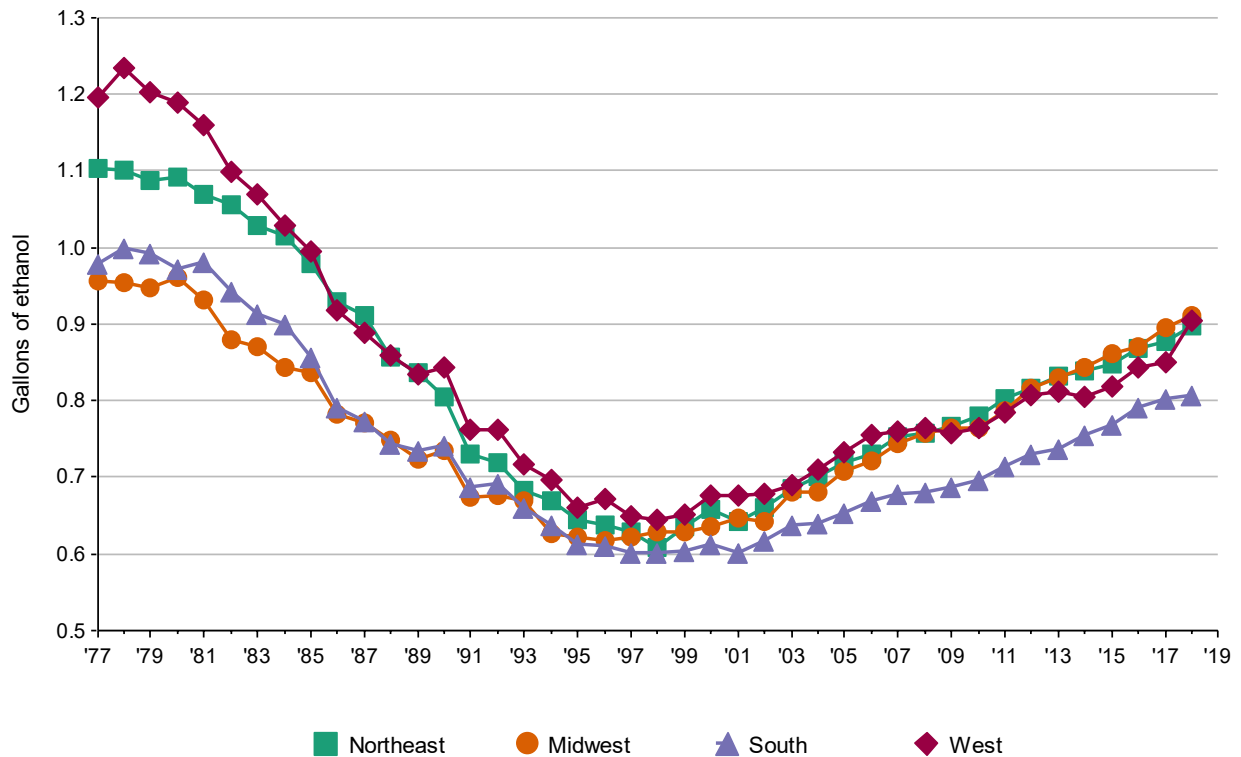
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**Table 1.** Apparent per capita ethanol consumption, United States, 1850–2018. (Gallons of ethanol based on population ages 15 and older prior to 1970 and on population ages 14 and older thereafter.)

Year	Beer	Wine	Spirits	All beverages
2018 .....	1.05	0.44	0.87	2.35
2017 .....	1.06	0.44	0.85	2.35
2016 .....	1.08	0.44	0.83	2.35
2015 .....	1.09	0.42	0.81	2.33
2014 .....	1.10	0.43	0.80	2.32
2013 .....	1.12	0.42	0.79	2.33
2012 .....	1.13	0.42	0.78	2.34
2011 .....	1.12	0.41	0.76	2.29
2010 .....	1.14	0.38	0.74	2.26
2009 .....	1.17	0.39	0.73	2.29
2008 .....	1.20	0.38	0.73	2.31
2007 .....	1.21	0.38	0.72	2.31
2006 .....	1.20	0.37	0.71	2.28
2005 .....	1.20	0.36	0.70	2.25
2004 .....	1.21	0.35	0.68	2.24
2003 .....	1.21	0.34	0.67	2.22
2002 .....	1.23	0.33	0.64	2.20
2001 .....	1.23	0.31	0.64	2.18
2000 .....	1.23	0.31	0.64	2.19
1999 .....	1.23	0.31	0.63	2.17
1998 .....	1.22	0.30	0.62	2.15
1997 .....	1.22	0.30	0.62	2.15
1996 .....	1.23	0.30	0.63	2.16
1995 .....	1.24	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 .....	1.32	0.34	0.78	2.43
1988 .....	1.33	0.36	0.79	2.49
1987 .....	1.34	0.38	0.83	2.55
1986 .....	1.35	0.39	0.84	2.58
1985 .....	1.33	0.38	0.91	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 .....	1.37	0.34	1.04	2.75
1979 .....	1.34	0.31	1.04	2.70
1978 .....	1.30	0.30	1.05	2.66
1977 .....	1.27	0.29	1.04	2.60
1976 .....	1.25	0.32	1.09	2.66
1975 .....	1.25	0.32	1.10	2.67
1974 .....	1.24	0.31	1.10	2.65
1973 .....	1.20	0.31	1.10	2.60
1972 .....	1.16	0.30	1.08	2.54
1971 .....	1.15	0.31	1.12	2.58
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

Numbers may not sum because of rounding.

**Table 1.** Apparent per capita ethanol consumption, United States, 1850–2018. (Gallons of ethanol, based on population ages 15 and older prior to 1970 and on population ages 14 and older thereafter.) (Continued)

Year	Beer	Wine	Spirits	All beverages
1964 .....	1.01	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
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 .....	0.61	0.07	0.29	0.97
(Prohibition)				
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

Numbers may not sum because of rounding.

Note: Data prior to 1977 are from Hyman et al. 1980.

**Table 2.** Apparent alcohol consumption for States, census regions, and the United States, 2018. (Volume and ethanol in thousands of gallons, per capita ethanol consumption in gallons, based on population ages 14 and older.)

State or other geographic area	Beer			Wine			Spirits			All beverages		
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita	U.S. decile
Alabama .....	93,403	4,203	1.04	8,133	1,049	0.26	6,780	2,786	0.69	8,039	1.99	9
Alaska .....	14,012	631	1.06	2,448	316	0.53	1,803	741	1.25	1,687	2.85	3
Arizona .....	141,360	6,361	1.08	17,739	2,288	0.39	11,316	4,651	0.79	13,300	2.25	7
Arkansas .....	49,327	2,220	0.90	4,491	579	0.23	3,870	1,591	0.64	4,390	1.78	10
California .....	727,322	32,729	1.00	155,591	20,071	0.62	69,112	28,405	0.87	81,206	2.49	5
Colorado .....	119,269	5,367	1.14	18,880	2,436	0.52	14,073	5,784	1.23	13,587	2.88	2
Connecticut .....	53,509	2,408	0.80	13,942	1,799	0.60	7,430	3,054	1.01	7,260	2.40	5
Delaware .....	20,000	900	1.11	4,502	581	0.72	3,340	1,373	1.69	2,853	3.52	1
Dist. of Columb. ....	14,260	642	1.08	4,708	607	1.02	2,430	999	1.68	2,248	3.77	1
Florida .....	420,139	18,906	1.05	72,669	9,374	0.52	45,769	18,811	1.04	47,092	2.61	4
Georgia .....	181,629	8,173	0.95	16,622	2,144	0.25	14,700	6,042	0.70	16,359	1.90	10
Hawaii .....	33,604	1,512	1.28	5,373	693	0.59	2,263	930	0.79	3,135	2.66	4
Idaho .....	28,095	1,264	0.90	13,218	1,705	1.21	2,862	1,176	0.83	4,146	2.94	2
Illinois .....	253,397	11,403	1.08	36,981	4,771	0.45	21,881	8,993	0.85	25,167	2.39	5
Indiana .....	117,031	5,266	0.96	12,481	1,610	0.29	11,944	4,909	0.90	11,786	2.15	8
Iowa .....	71,565	3,220	1.24	4,627	597	0.23	5,786	2,378	0.92	6,196	2.39	5
Kansas .....	51,762	2,329	0.99	2,649	342	0.14	4,564	1,876	0.79	4,547	1.92	9
Kentucky .....	76,176	3,428	0.93	6,155	794	0.22	7,266	2,986	0.81	7,208	1.95	9
Louisiana .....	103,726	4,668	1.23	9,886	1,275	0.34	9,164	3,767	0.99	9,709	2.55	4
Maine .....	34,100	1,535	1.34	3,941	508	0.44	2,991	1,229	1.07	3,272	2.85	3
Maryland .....	86,650	3,899	0.78	14,943	1,928	0.39	11,139	4,578	0.91	10,405	2.08	9
Massachusetts .....	118,718	5,342	0.91	28,859	3,723	0.63	14,329	5,889	1.00	14,954	2.55	4
Michigan .....	186,165	8,377	1.00	25,903	3,342	0.40	19,473	8,003	0.96	19,722	2.36	6
Minnesota .....	116,318	5,234	1.14	15,683	2,023	0.44	13,530	5,561	1.21	12,818	2.79	3
Mississippi .....	65,627	2,953	1.21	3,407	440	0.18	4,655	1,913	0.78	5,306	2.17	7
Missouri .....	124,372	5,597	1.11	14,903	1,922	0.38	12,601	5,179	1.02	12,698	2.51	5
Montana .....	31,495	1,417	1.60	3,516	454	0.51	2,123	873	0.99	2,744	3.10	2
Nebraska .....	42,098	1,894	1.22	2,572	332	0.21	2,748	1,130	0.73	3,356	2.16	8
Nevada .....	75,175	3,383	1.35	11,707	1,510	0.60	8,879	3,649	1.46	8,542	3.42	1
New Hampshire .....	46,252	2,081	1.79	7,583	978	0.84	5,773	2,373	2.04	5,432	4.67	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.



**Table 2.** Apparent alcohol consumption for States, census regions, and the United States, 2018. (Volume and ethanol in thousands of gallons, per capita ethanol consumption in gallons, based on population ages 14 and older.) (Continued)

State or other geographic area	Beer			Wine			Spirits			All beverages		
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita	U.S. decile
New Jersey .....	132,042	5,942	0.80	33,015	4,259	0.57	17,662	7,259	0.98	17,460	2.36	6
New Mexico .....	40,827	1,837	1.07	4,174	538	0.31	3,714	1,526	0.89	3,902	2.26	6
New York .....	321,116	14,450	0.88	65,759	8,483	0.52	32,473	13,346	0.81	36,279	2.21	7
North Carolina ..	198,237	8,921	1.04	30,159	3,891	0.45	14,208	5,839	0.68	18,651	2.17	7
North Dakota ...	20,568	926	1.50	1,610	208	0.34	1,991	818	1.33	1,951	3.16	1
Ohio .....	236,964	10,663	1.10	23,211	2,994	0.31	14,642	6,018	0.62	19,675	2.03	9
Oklahoma .....	71,207	3,204	1.00	4,855	626	0.20	5,094	2,094	0.65	5,924	1.85	10
Oregon .....	94,392	4,248	1.21	15,746	2,031	0.58	8,120	3,337	0.95	9,616	2.74	3
Pennsylvania ...	307,923	13,857	1.29	27,721	3,576	0.33	18,959	7,792	0.72	25,225	2.34	6
Rhode Island ...	18,105	815	0.90	4,006	517	0.57	2,532	1,041	1.15	2,372	2.63	4
South Carolina	103,943	4,677	1.11	8,182	1,055	0.25	8,279	3,403	0.80	9,136	2.16	8
South Dakota...	21,700	977	1.37	1,235	159	0.22	1,336	549	0.77	1,685	2.37	6
Tennessee .....	122,403	5,508	0.98	13,964	1,801	0.32	11,427	4,697	0.84	12,006	2.14	8
Texas .....	618,120	27,815	1.21	60,291	7,778	0.34	39,469	16,222	0.71	51,815	2.26	6
Utah .....	31,341	1,410	0.58	3,788	489	0.20	3,362	1,382	0.57	3,281	1.35	10
Vermont .....	18,290	823	1.53	3,244	419	0.78	995	409	0.76	1,650	3.06	2
Virginia .....	148,339	6,675	0.94	26,950	3,477	0.49	12,022	4,941	0.70	15,093	2.13	8
Washington .....	125,581	5,651	0.91	24,805	3,200	0.51	12,211	5,019	0.81	13,870	2.22	7
West Virginia ...	39,122	1,760	1.15	1,303	168	0.11	1,762	724	0.47	2,653	1.74	10
Wisconsin .....	138,756	6,244	1.29	14,651	1,890	0.39	14,705	6,044	1.25	14,178	2.93	2
Wyoming .....	12,783	575	1.22	1,161	150	0.32	1,426	586	1.24	1,311	2.78	3
<i>Regions</i>												
Northeast .....	1,050,055	47,252	1.00	188,070	24,261	0.51	103,144	42,392	0.90	113,906	2.41	
Midwest .....	1,380,696	62,131	1.10	156,508	20,190	0.36	125,202	51,458	0.91	133,779	2.37	
South .....	2,412,307	108,554	1.06	291,218	37,567	0.37	201,374	82,765	0.81	228,886	2.23	
West .....	1,475,257	66,387	1.03	278,148	35,881	0.56	141,263	58,059	0.91	160,327	2.50	
U.S. total .....	6,318,316	284,324	1.05	913,945	117,899	0.44	570,983	234,674	0.87	636,897	2.35	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 3.** Sources of alcoholic beverage sales or shipment data by State and beverage type, 2018.

State	Beer	Wine	Spirits
Alabama .....	Industry	Industry	State <sup>5</sup>
Alaska.....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Arizona .....	Industry	Industry	Industry
Arkansas .....	State <sup>2</sup>	State <sup>2</sup>	State <sup>2</sup>
California .....	Industry	Industry	Industry
Colorado.....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Connecticut .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Delaware .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Dist. of Columbia .....	Industry	Industry	Industry
Florida .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Georgia.....	Industry	Industry	Industry
Hawaii.....	Industry	Industry	Industry
Idaho .....	State <sup>2</sup>	State <sup>2</sup>	State <sup>5</sup>
Illinois .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Indiana.....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Iowa.....	State <sup>3</sup>	State <sup>3</sup>	State <sup>3</sup>
Kansas .....	State <sup>2</sup>	Industry	State <sup>2</sup>
Kentucky.....	State <sup>2</sup>	State <sup>2</sup>	State <sup>2</sup>
Louisiana .....	Industry	State <sup>1</sup>	State <sup>1</sup>
Maine.....	Industry	Industry	State <sup>5</sup>
Maryland.....	State <sup>1</sup>	State <sup>3</sup>	State <sup>3</sup>
Massachusetts .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Michigan .....	State <sup>1</sup>	State <sup>3</sup>	State <sup>5</sup>
Minnesota.....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Mississippi .....	Industry	State <sup>5</sup>	State <sup>5</sup>
Missouri .....	State <sup>2</sup>	State <sup>2</sup>	State <sup>2</sup>
Montana .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>3</sup>
Nebraska .....	Industry	Industry	Industry
Nevada .....	Industry	Industry	Industry
New Hampshire.....	Industry	State <sup>3</sup>	State <sup>3</sup>
New Jersey.....	State <sup>3</sup>	State <sup>3</sup>	State <sup>3</sup>
New Mexico.....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
New York.....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
North Carolina .....	State <sup>2</sup>	State <sup>2</sup>	State <sup>5</sup>
North Dakota .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>

**Table 3.** Sources of alcoholic beverage sales or shipment data by State and beverage type, 2018. (Continued)

State	Beer	Wine	Spirits
Ohio .....	Industry	Industry	State <sup>5</sup>
Oklahoma .....	Industry	Industry	Industry
Oregon .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>5</sup>
Pennsylvania .....	Industry	State <sup>3</sup>	State <sup>3</sup>
Rhode Island .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
South Carolina .....	Industry	Industry	Industry
South Dakota .....	Industry	Industry	Industry
Tennessee .....	State <sup>2</sup>	State <sup>2</sup>	State <sup>2</sup>
Texas .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Utah .....	Industry	State <sup>1</sup>	State <sup>1</sup>
Vermont .....	Industry	State <sup>4</sup>	State <sup>5</sup>
Virginia .....	State <sup>1</sup>	State <sup>1</sup>	State <sup>1</sup>
Washington .....	Industry	Industry	State <sup>3</sup>
West Virginia .....	Industry	Industry	State <sup>5</sup>
Wisconsin .....	Industry	State <sup>1</sup>	State <sup>1</sup>
Wyoming .....	State <sup>1</sup>	State <sup>5</sup>	State <sup>5</sup>

Note: Industry shipment data are from the reports produced by the Beverage Information Group (2019a, b, c). State data are from each State's department of revenue, department of taxation, or alcoholic beverage commission, or the National Alcohol Beverage Control Association (NABCA).

<sup>1</sup> State monthly sales volume data.

<sup>2</sup> State monthly sales tax data.

<sup>3</sup> State annual sales volume data.

<sup>4</sup> State annual sales tax data.

<sup>5</sup> NABCA annual sales volume data.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Alabama					
2018.....	1.04	0.26	0.69	1.99	9
2017.....	1.07	0.26	0.67	1.99	9
2016.....	1.09	0.26	0.65	2.01	9
2015.....	1.11	0.26	0.64	2.01	9
2014.....	1.13	0.25	0.62	2.00	9
2013.....	1.14	0.25	0.60	1.99	9
2012.....	1.16	0.24	0.60	2.00	9
2011.....	1.16	0.24	0.59	1.98	9
2010.....	1.17	0.23	0.58	1.98	9
2009.....	1.19	0.22	0.57	1.98	9
2008.....	1.22	0.22	0.57	2.01	9
2007.....	1.23	0.22	0.55	2.00	9
2006.....	1.21	0.21	0.54	1.95	9
2005.....	1.18	0.20	0.53	1.91	9
2004.....	1.19	0.20	0.52	1.91	9
2003.....	1.19	0.19	0.52	1.90	9
2002.....	1.18	0.21	0.54	1.92	9
2001.....	1.16	0.17	0.53	1.86	9
2000.....	1.19	0.18	0.51	1.88	9
1999.....	1.18	0.17	0.51	1.87	9
1998.....	1.16	0.17	0.51	1.85	9
1997.....	1.14	0.16	0.52	1.82	9
1996.....	1.17	0.18	0.53	1.88	8
1995.....	1.14	0.16	0.53	1.82	9
1994.....	1.16	0.17	0.54	1.87	9
1993.....	1.14	0.17	0.56	1.86	9
1992.....	1.02	0.19	0.59	1.79	10
1991.....	1.00	0.17	0.59	1.76	10
1990.....	1.12	0.18	0.61	1.92	9
1989.....	1.12	0.17	0.61	1.90	9
1988.....	1.12	0.19	0.62	1.92	9
1987.....	1.11	0.18	0.62	1.91	9
1986.....	1.10	0.18	0.65	1.92	9
1985.....	1.07	0.17	0.67	1.92	9
1984.....	1.03	0.19	0.69	1.91	9
1983.....	1.01	0.17	0.72	1.90	10
1982.....	1.00	0.18	0.72	1.90	10
1981.....	1.00	0.19	0.73	1.91	10
1980.....	0.95	0.16	0.74	1.86	10
1979.....	0.96	0.12	0.82	1.90	10
1978.....	0.95	0.12	0.85	1.92	9
1977.....	0.97	0.12	0.82	1.92	9
Alaska					
2018.....	1.06	0.53	1.25	2.85	3
2017.....	1.06	0.53	1.22	2.81	3
2016.....	1.15	0.56	1.23	2.94	2
2015.....	1.11	0.53	1.20	2.84	2
2014.....	1.11	0.52	1.17	2.80	3
2013.....	1.07	0.52	1.17	2.75	3
2012.....	1.17	0.53	1.13	2.83	2
2011.....	1.15	0.54	1.17	2.86	2
2010.....	1.23	0.55	1.25	3.03	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.32	0.54	1.16	3.02	1
2008.....	1.20	0.49	1.09	2.78	2
2007.....	1.13	0.44	0.96	2.53	4
2006.....	1.25	0.47	1.03	2.75	2
2005.....	1.23	0.43	0.98	2.64	2
2004.....	1.31	0.44	0.95	2.71	2
2003.....	1.27	0.37	0.79	2.43	4
2002.....	1.35	0.45	1.19	2.99	1
2001.....	1.32	0.38	0.96	2.67	2
2000.....	1.37	0.37	0.94	2.68	2
1999.....	1.40	0.38	0.95	2.74	1
1998.....	1.39	0.37	0.95	2.71	2
1997.....	1.31	0.36	0.88	2.56	2
1996.....	1.31	0.38	0.94	2.63	2
1995.....	1.45	0.39	1.02	2.86	1
1994.....	1.53	0.40	1.10	3.03	1
1993.....	1.31	0.32	0.92	2.55	2
1992.....	1.53	0.41	1.08	3.02	1
1991.....	1.54	0.43	1.14	3.11	1
1990.....	1.62	0.46	1.25	3.33	1
1989.....	1.52	0.44	1.19	3.15	1
1988.....	1.54	0.47	1.19	3.21	1
1987.....	1.60	0.52	1.26	3.38	1
1986.....	1.65	0.55	1.25	3.45	1
1985.....	1.63	0.56	1.48	3.68	1
1984.....	1.67	0.56	1.50	3.72	1
1983.....	1.71	0.59	1.65	3.95	1
1982.....	1.69	0.54	1.68	3.92	1
1981.....	1.68	0.56	1.79	4.02	1
1980.....	1.54	0.50	1.68	3.72	1
1979.....	1.48	0.46	1.63	3.58	1
1978.....	1.39	0.45	1.67	3.51	1
1977.....	1.19	0.42	1.69	3.30	2
Arizona					
2018.....	1.08	0.39	0.79	2.25	7
2017.....	1.11	0.39	0.79	2.29	6
2016.....	1.14	0.40	0.79	2.32	6
2015.....	1.16	0.40	0.78	2.34	6
2014.....	1.18	0.40	0.79	2.37	5
2013.....	1.12	0.42	0.81	2.35	5
2012.....	1.14	0.45	0.84	2.43	5
2011.....	1.15	0.44	0.80	2.39	5
2010.....	1.23	0.41	0.76	2.39	5
2009.....	1.22	0.39	0.77	2.38	5
2008.....	1.30	0.41	0.77	2.48	5
2007.....	1.39	0.34	0.78	2.51	5
2006.....	1.34	0.38	0.79	2.51	4
2005.....	1.35	0.40	0.76	2.51	3
2004.....	1.40	0.34	0.71	2.44	4
2003.....	1.41	0.37	0.71	2.49	3
2002.....	1.46	0.33	0.69	2.48	3
2001.....	1.47	0.33	0.70	2.50	3
2000.....	1.48	0.31	0.71	2.50	3
1999.....	1.47	0.34	0.69	2.51	2

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.44	0.33	0.68	2.45	2
1997.....	1.45	0.31	0.68	2.44	2
1996.....	1.52	0.33	0.73	2.58	2
1995.....	1.47	0.29	0.68	2.44	3
1994.....	1.52	0.29	0.70	2.50	2
1993.....	1.58	0.27	0.76	2.62	2
1992.....	1.58	0.31	0.80	2.69	2
1991.....	1.58	0.35	0.78	2.71	2
1990.....	1.59	0.37	0.80	2.77	3
1989.....	1.63	0.35	0.83	2.81	2
1988.....	1.60	0.41	0.86	2.87	2
1987.....	1.64	0.45	0.84	2.93	2
1986.....	1.74	0.45	0.90	3.09	2
1985.....	1.66	0.45	0.99	3.11	2
1984.....	1.55	0.44	1.05	3.04	3
1983.....	1.60	0.43	0.99	3.02	3
1982.....	1.71	0.39	0.98	3.07	3
1981.....	1.76	0.42	1.00	3.18	3
1980.....	1.68	0.36	0.97	3.01	4
1979.....	1.71	0.36	1.07	3.15	3
1978.....	1.66	0.35	1.03	3.04	3
1977.....	1.60	0.32	0.99	2.92	3
Arkansas					
2018.....	0.90	0.23	0.64	1.78	10
2017.....	0.92	0.23	0.67	1.82	10
2016.....	0.93	0.22	0.65	1.80	10
2015.....	0.97	0.22	0.65	1.83	10
2014.....	0.96	0.21	0.62	1.79	10
2013.....	1.00	0.20	0.60	1.80	10
2012.....	1.00	0.20	0.60	1.80	10
2011.....	0.97	0.18	0.56	1.72	10
2010.....	1.04	0.17	0.59	1.80	10
2009.....	1.06	0.17	0.59	1.82	10
2008.....	1.09	0.17	0.59	1.86	10
2007.....	1.05	0.17	0.59	1.81	10
2006.....	1.05	0.16	0.59	1.80	10
2005.....	1.04	0.16	0.58	1.78	10
2004.....	1.08	0.15	0.58	1.81	10
2003.....	1.06	0.14	0.56	1.77	10
2002.....	1.09	0.14	0.53	1.75	10
2001.....	1.08	0.13	0.53	1.74	10
2000.....	1.09	0.12	0.53	1.74	10
1999.....	1.09	0.12	0.54	1.75	10
1998.....	1.10	0.11	0.51	1.73	10
1997.....	1.07	0.12	0.52	1.71	10
1996.....	1.07	0.12	0.53	1.72	10
1995.....	1.06	0.11	0.51	1.68	10
1994.....	1.06	0.13	0.46	1.65	10
1993.....	1.10	0.11	0.58	1.79	9
1992.....	1.13	0.12	0.65	1.90	9
1991.....	1.12	0.11	0.58	1.81	9
1990.....	1.12	0.13	0.61	1.86	9
1989.....	1.10	0.13	0.58	1.82	9
1988.....	1.09	0.14	0.54	1.78	10

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.09	0.11	0.53	1.74	10
1986.....	1.08	0.09	0.49	1.65	10
1985.....	1.04	0.13	0.59	1.77	10
1984.....	1.03	0.12	0.64	1.80	10
1983.....	1.03	0.13	0.63	1.79	10
1982.....	1.03	0.12	0.63	1.78	10
1981.....	1.06	0.12	0.68	1.86	10
1980.....	1.00	0.12	0.68	1.81	10
1979.....	0.90	0.09	0.55	1.54	10
1978.....	0.95	0.11	0.71	1.76	10
1977.....	0.89	0.10	0.61	1.61	10
California					
2018.....	1.00	0.62	0.87	2.49	5
2017.....	0.94	0.58	0.78	2.31	6
2016.....	0.96	0.60	0.78	2.34	6
2015.....	1.00	0.53	0.75	2.28	6
2014.....	1.00	0.60	0.73	2.33	6
2013.....	0.98	0.60	0.75	2.33	6
2012.....	0.99	0.63	0.74	2.35	6
2011.....	0.95	0.58	0.72	2.25	7
2010.....	0.97	0.49	0.71	2.16	8
2009.....	1.01	0.57	0.70	2.28	7
2008.....	1.05	0.55	0.70	2.30	7
2007.....	1.06	0.54	0.70	2.30	6
2006.....	1.02	0.56	0.70	2.29	6
2005.....	1.03	0.54	0.69	2.26	6
2004.....	1.07	0.52	0.67	2.25	6
2003.....	1.07	0.51	0.65	2.23	6
2002.....	1.08	0.49	0.64	2.21	6
2001.....	1.09	0.48	0.63	2.20	6
2000.....	1.12	0.48	0.64	2.24	6
1999.....	1.12	0.48	0.62	2.22	6
1998.....	1.11	0.49	0.61	2.21	6
1997.....	1.14	0.52	0.62	2.28	5
1996.....	1.13	0.50	0.64	2.27	5
1995.....	1.15	0.46	0.63	2.24	5
1994.....	1.09	0.47	0.68	2.24	5
1993.....	1.17	0.48	0.69	2.35	4
1992.....	1.28	0.51	0.75	2.54	3
1991.....	1.22	0.49	0.75	2.46	4
1990.....	1.32	0.59	0.87	2.78	2
1989.....	1.29	0.60	0.85	2.75	3
1988.....	1.32	0.67	0.88	2.86	3
1987.....	1.35	0.73	0.92	3.00	2
1986.....	1.35	0.78	0.95	3.08	2
1985.....	1.32	0.78	1.02	3.11	2
1984.....	1.37	0.73	1.06	3.16	2
1983.....	1.36	0.74	1.10	3.21	2
1982.....	1.37	0.72	1.13	3.22	3
1981.....	1.43	0.72	1.20	3.35	2
1980.....	1.41	0.71	1.24	3.36	2
1979.....	1.39	0.68	1.25	3.32	2
1978.....	1.33	0.67	1.29	3.28	2
1977.....	1.29	0.65	1.25	3.19	2

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Colorado					
2018.....	1.14	0.52	1.23	2.88	2
2017.....	1.14	0.51	1.19	2.84	3
2016.....	1.14	0.51	1.16	2.82	3
2015.....	1.12	0.51	1.14	2.77	3
2014.....	1.14	0.51	1.11	2.77	3
2013.....	1.20	0.50	1.11	2.81	3
2012.....	1.15	0.52	1.08	2.76	3
2011.....	1.20	0.49	1.04	2.72	3
2010.....	1.22	0.48	1.01	2.71	2
2009.....	1.23	0.46	1.01	2.70	3
2008.....	1.28	0.47	1.02	2.77	3
2007.....	1.30	0.47	1.01	2.78	2
2006.....	1.29	0.45	0.98	2.72	2
2005.....	1.31	0.42	0.99	2.72	2
2004.....	1.30	0.43	0.95	2.68	2
2003.....	1.33	0.40	0.87	2.60	2
2002.....	1.35	0.39	0.90	2.64	2
2001.....	1.42	0.41	0.96	2.78	1
2000.....	1.35	0.37	0.89	2.60	2
1999.....	1.33	0.37	0.75	2.45	3
1998.....	1.33	0.37	0.83	2.53	2
1997.....	1.30	0.37	0.81	2.48	2
1996.....	1.36	0.37	0.84	2.57	2
1995.....	1.34	0.35	0.78	2.47	2
1994.....	1.36	0.35	0.84	2.55	2
1993.....	1.40	0.36	0.86	2.63	2
1992.....	1.34	0.36	0.81	2.52	3
1991.....	1.39	0.35	0.87	2.61	3
1990.....	1.35	0.29	0.75	2.39	6
1989.....	1.42	0.38	0.85	2.64	3
1988.....	1.44	0.40	0.92	2.76	3
1987.....	1.45	0.45	0.94	2.84	3
1986.....	1.49	0.47	0.95	2.90	3
1985.....	1.48	0.50	1.18	3.17	2
1984.....	1.51	0.46	1.12	3.10	2
1983.....	1.57	0.46	1.12	3.15	3
1982.....	1.63	0.46	1.17	3.26	2
1981.....	1.62	0.44	1.26	3.32	2
1980.....	1.56	0.46	1.31	3.33	2
1979.....	1.63	0.46	1.33	3.42	2
1978.....	1.60	0.46	1.39	3.46	2
1977.....	1.40	0.36	1.19	2.95	3
Connecticut					
2018.....	0.80	0.60	1.01	2.40	5
2017.....	0.82	0.60	0.99	2.41	5
2016.....	0.85	0.62	0.98	2.44	5
2015.....	0.85	0.61	0.95	2.41	5
2014.....	0.84	0.60	0.92	2.36	6
2013.....	0.85	0.61	0.91	2.37	5
2012.....	0.86	0.61	0.91	2.38	6
2011.....	0.86	0.62	0.88	2.35	6
2010.....	0.88	0.60	0.87	2.35	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.



**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	0.88	0.59	0.85	2.31	6
2008.....	0.93	0.58	0.85	2.36	6
2007.....	0.92	0.57	0.84	2.33	6
2006.....	0.93	0.56	0.81	2.30	6
2005.....	0.90	0.54	0.79	2.23	6
2004.....	0.93	0.53	0.79	2.25	6
2003.....	0.93	0.52	0.78	2.23	6
2002.....	0.95	0.50	0.75	2.21	6
2001.....	0.95	0.50	0.74	2.19	6
2000.....	0.94	0.49	0.74	2.18	7
1999.....	0.94	0.49	0.75	2.18	6
1998.....	0.96	0.49	0.76	2.21	5
1997.....	0.95	0.48	0.74	2.17	6
1996.....	0.91	0.46	0.72	2.09	7
1995.....	0.96	0.46	0.78	2.20	5
1994.....	0.99	0.43	0.78	2.20	6
1993.....	0.96	0.44	0.80	2.20	6
1992.....	1.01	0.45	0.83	2.30	6
1991.....	1.03	0.43	0.84	2.29	6
1990.....	1.09	0.45	0.92	2.46	6
1989.....	1.07	0.46	0.96	2.50	4
1988.....	1.12	0.50	1.05	2.67	4
1987.....	1.14	0.51	1.10	2.75	3
1986.....	1.11	0.51	1.14	2.76	4
1985.....	1.12	0.50	1.19	2.81	4
1984.....	1.10	0.49	1.19	2.78	5
1983.....	1.10	0.49	1.22	2.80	5
1982.....	1.04	0.49	1.21	2.74	6
1981.....	1.05	0.44	1.18	2.67	6
1980.....	1.06	0.43	1.20	2.69	6
1979.....	1.14	0.40	1.21	2.76	5
1978.....	1.09	0.38	1.21	2.69	6
1977.....	1.06	0.35	1.23	2.64	6
Delaware					
2018.....	1.11	0.72	1.69	3.52	1
2017.....	1.15	0.72	1.75	3.62	1
2016.....	1.20	0.74	1.80	3.73	1
2015.....	1.19	0.72	1.75	3.66	1
2014.....	1.21	0.72	1.67	3.60	1
2013.....	1.25	0.72	1.63	3.60	1
2012.....	1.32	0.70	1.58	3.59	1
2011.....	1.34	0.69	1.52	3.55	1
2010.....	1.36	0.66	1.36	3.38	1
2009.....	1.32	0.65	1.34	3.31	1
2008.....	1.35	0.57	1.23	3.15	1
2007.....	1.38	0.59	1.23	3.19	1
2006.....	1.41	0.59	1.26	3.26	1
2005.....	1.42	0.58	1.24	3.25	1
2004.....	1.42	0.57	1.28	3.27	1
2003.....	1.38	0.57	1.18	3.12	1
2002.....	1.39	0.52	1.10	3.01	1
2001.....	1.39	0.49	1.07	2.94	1
2000.....	1.36	0.48	1.05	2.89	1
1999.....	1.40	0.48	1.03	2.90	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.41	0.47	1.03	2.91	1
1997.....	1.37	0.46	0.99	2.81	1
1996.....	1.39	0.45	0.94	2.78	1
1995.....	1.30	0.40	0.92	2.62	2
1994.....	1.43	0.38	0.95	2.76	1
1993.....	1.46	0.35	0.95	2.76	1
1992.....	1.40	0.36	0.97	2.73	2
1991.....	1.40	0.35	0.95	2.70	2
1990.....	1.44	0.37	1.14	2.95	2
1989.....	1.43	0.39	1.15	2.96	2
1988.....	1.46	0.41	1.21	3.08	1
1987.....	1.46	0.43	1.23	3.12	2
1986.....	1.46	0.45	1.25	3.16	2
1985.....	1.48	0.41	1.31	3.20	2
1984.....	1.52	0.39	1.29	3.20	2
1983.....	1.55	0.35	1.35	3.25	2
1982.....	1.54	0.34	1.38	3.26	2
1981.....	1.52	0.33	1.40	3.24	3
1980.....	1.44	0.29	1.37	3.11	3
1979.....	1.35	0.26	1.31	2.92	4
1978.....	1.31	0.24	1.30	2.85	4
1977.....	1.30	0.23	1.33	2.86	4
District of Columbia					
2018.....	1.08	1.02	1.68	3.77	1
2017.....	1.10	1.02	1.68	3.80	1
2016.....	1.12	1.02	1.69	3.84	1
2015.....	1.14	1.02	1.67	3.82	1
2014.....	1.15	1.00	1.67	3.82	1
2013.....	1.16	1.01	1.66	3.83	1
2012.....	1.18	1.01	1.65	3.85	1
2011.....	1.19	1.01	1.62	3.83	1
2010.....	1.22	1.00	1.61	3.83	1
2009.....	1.26	1.00	1.62	3.88	1
2008.....	1.35	1.01	1.64	4.00	1
2007.....	1.37	1.00	1.63	4.00	1
2006.....	1.38	0.96	1.60	3.94	1
2005.....	1.40	0.93	1.56	3.90	1
2004.....	1.38	0.91	1.52	3.80	1
2003.....	1.38	0.88	1.51	3.76	1
2002.....	1.36	0.83	1.47	3.66	1
2001.....	1.36	0.79	1.46	3.61	1
2000.....	1.39	0.81	1.45	3.65	1
1999.....	1.38	0.78	1.36	3.52	1
1998.....	1.37	0.78	1.57	3.73	1
1997.....	1.42	0.80	1.61	3.83	1
1996.....	1.33	0.86	1.47	3.67	1
1995.....	1.49	0.77	1.52	3.78	1
1994.....	1.50	0.74	1.52	3.76	1
1993.....	1.51	0.73	1.54	3.78	1
1992.....	1.61	0.70	1.74	4.05	1
1991.....	1.42	0.61	1.85	3.89	1
1990.....	1.42	0.76	1.96	4.14	1
1989.....	1.39	0.82	1.72	3.92	1
1988.....	1.38	0.93	1.90	4.22	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.41	0.95	2.26	4.62	1
1986.....	1.45	1.00	2.09	4.54	1
1985.....	1.44	1.00	2.35	4.80	1
1984.....	1.51	1.07	2.59	5.17	1
1983.....	1.51	1.05	2.71	5.27	1
1982.....	1.46	0.99	2.88	5.33	1
1981.....	1.48	1.05	2.89	5.42	1
1980.....	1.49	0.99	2.94	5.41	1
1979.....	1.42	0.96	2.92	5.30	1
1978.....	1.38	0.91	3.04	5.33	1
1977.....	1.35	0.86	3.16	5.37	1
Florida					
2018.....	1.05	0.52	1.04	2.61	4
2017.....	1.07	0.52	1.04	2.63	4
2016.....	1.09	0.53	1.03	2.65	4
2015.....	1.11	0.51	0.98	2.61	4
2014.....	1.10	0.51	0.98	2.59	4
2013.....	1.28	0.49	0.95	2.72	3
2012.....	1.26	0.51	0.95	2.72	3
2011.....	1.13	0.49	0.93	2.54	4
2010.....	1.12	0.47	0.91	2.51	4
2009.....	1.19	0.48	0.91	2.58	4
2008.....	1.24	0.48	0.89	2.61	3
2007.....	1.28	0.48	0.92	2.68	3
2006.....	1.32	0.47	0.91	2.70	3
2005.....	1.33	0.46	0.91	2.70	2
2004.....	1.34	0.46	0.88	2.68	2
2003.....	1.31	0.44	0.86	2.61	2
2002.....	1.32	0.43	0.84	2.58	2
2001.....	1.32	0.40	0.82	2.54	2
2000.....	1.32	0.41	0.83	2.56	2
1999.....	1.33	0.40	0.80	2.53	2
1998.....	1.33	0.38	0.79	2.50	2
1997.....	1.36	0.37	0.80	2.53	2
1996.....	1.36	0.37	0.81	2.54	2
1995.....	1.34	0.35	0.82	2.50	2
1994.....	1.40	0.33	0.87	2.60	2
1993.....	1.44	0.33	0.92	2.68	2
1992.....	1.45	0.34	0.96	2.75	1
1991.....	1.43	0.34	0.92	2.69	2
1990.....	1.54	0.39	1.04	2.96	2
1989.....	1.51	0.39	1.00	2.89	2
1988.....	1.50	0.41	1.00	2.91	2
1987.....	1.50	0.42	1.03	2.95	2
1986.....	1.50	0.41	1.05	2.96	2
1985.....	1.47	0.41	1.16	3.04	3
1984.....	1.46	0.40	1.23	3.09	2
1983.....	1.55	0.39	1.22	3.16	2
1982.....	1.54	0.40	1.32	3.26	2
1981.....	1.54	0.39	1.37	3.30	3
1980.....	1.40	0.37	1.41	3.18	3
1979.....	1.38	0.34	1.41	3.14	3
1978.....	1.34	0.32	1.40	3.07	3
1977.....	1.27	0.31	1.40	2.99	3

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Georgia					
2018.....	0.95	0.25	0.70	1.90	10
2017.....	0.98	0.25	0.70	1.93	10
2016.....	0.99	0.25	0.70	1.95	9
2015.....	1.01	0.25	0.69	1.95	9
2014.....	1.02	0.25	0.69	1.97	9
2013.....	1.03	0.25	0.69	1.98	9
2012.....	1.06	0.25	0.68	1.99	9
2011.....	1.06	0.25	0.67	1.98	9
2010.....	1.08	0.25	0.65	1.98	9
2009.....	1.11	0.25	0.65	2.01	9
2008.....	1.16	0.25	0.65	2.06	8
2007.....	1.19	0.26	0.65	2.10	8
2006.....	1.19	0.26	0.65	2.10	8
2005.....	1.17	0.26	0.64	2.07	8
2004.....	1.19	0.27	0.65	2.11	8
2003.....	1.20	0.26	0.66	2.13	7
2002.....	1.21	0.26	0.66	2.13	7
2001.....	1.20	0.25	0.65	2.11	7
2000.....	1.21	0.25	0.69	2.16	7
1999.....	1.23	0.25	0.70	2.18	6
1998.....	1.22	0.23	0.70	2.15	6
1997.....	1.20	0.23	0.70	2.13	6
1996.....	1.24	0.24	0.71	2.18	6
1995.....	1.21	0.21	0.70	2.12	6
1994.....	1.17	0.21	0.77	2.14	7
1993.....	1.23	0.20	0.77	2.20	6
1992.....	1.22	0.21	0.79	2.23	7
1991.....	1.16	0.22	0.78	2.17	7
1990.....	1.22	0.23	0.86	2.31	7
1989.....	1.18	0.24	0.94	2.36	6
1988.....	1.21	0.26	0.92	2.39	7
1987.....	1.21	0.27	1.00	2.48	6
1986.....	1.21	0.27	0.94	2.43	7
1985.....	1.17	0.25	1.01	2.44	7
1984.....	1.18	0.24	1.06	2.48	7
1983.....	1.14	0.22	1.06	2.42	7
1982.....	1.12	0.21	1.04	2.36	8
1981.....	1.10	0.18	1.09	2.38	8
1980.....	1.06	0.19	1.08	2.33	8
1979.....	1.11	0.18	1.16	2.44	7
1978.....	1.09	0.18	1.21	2.48	7
1977.....	1.03	0.15	1.19	2.37	7
Hawaii					
2018.....	1.28	0.59	0.79	2.66	4
2017.....	1.29	0.58	0.79	2.66	4
2016.....	1.29	0.57	0.78	2.64	4
2015.....	1.28	0.56	0.77	2.61	4
2014.....	1.27	0.54	0.77	2.59	4
2013.....	1.25	0.54	0.76	2.56	4
2012.....	1.25	0.53	0.75	2.53	5
2011.....	1.25	0.53	0.73	2.51	4
2010.....	1.25	0.52	0.71	2.48	4

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.27	0.51	0.71	2.49	4
2008.....	1.33	0.51	0.72	2.56	4
2007.....	1.30	0.48	0.77	2.55	4
2006.....	1.28	0.47	0.77	2.52	4
2005.....	1.30	0.45	0.72	2.47	4
2004.....	1.38	0.43	0.70	2.50	3
2003.....	1.30	0.42	0.66	2.38	5
2002.....	1.27	0.39	0.62	2.28	5
2001.....	1.30	0.38	0.60	2.28	5
2000.....	1.33	0.39	0.60	2.32	4
1999.....	1.31	0.39	0.56	2.26	5
1998.....	1.32	0.37	0.54	2.22	5
1997.....	1.38	0.40	0.56	2.33	4
1996.....	1.40	0.36	0.58	2.34	3
1995.....	1.41	0.34	0.57	2.32	4
1994.....	1.46	0.38	0.62	2.46	3
1993.....	1.49	0.37	0.65	2.51	3
1992.....	1.55	0.39	0.69	2.63	2
1991.....	1.57	0.40	0.70	2.67	2
1990.....	1.64	0.40	0.79	2.84	2
1989.....	1.56	0.43	0.80	2.79	2
1988.....	1.64	0.45	0.80	2.89	2
1987.....	1.59	0.41	0.77	2.76	3
1986.....	1.61	0.44	0.86	2.91	3
1985.....	1.61	0.42	0.88	2.91	3
1984.....	1.66	0.41	0.92	2.99	3
1983.....	1.89	0.44	1.13	3.45	1
1982.....	1.80	0.48	1.14	3.41	1
1981.....	1.74	0.44	1.16	3.34	2
1980.....	1.64	0.46	1.20	3.30	2
1979.....	1.51	0.42	1.21	3.14	3
1978.....	1.33	0.44	1.25	3.02	3
1977.....	1.55	0.35	1.21	3.11	2
Idaho					
2018.....	0.90	1.21	0.83	2.94	2
2017.....	0.90	1.19	0.82	2.91	2
2016.....	0.92	1.19	0.81	2.92	2
2015.....	0.94	1.14	0.79	2.87	2
2014.....	0.93	1.12	0.77	2.82	2
2013.....	0.96	1.08	0.77	2.81	2
2012.....	0.98	1.02	0.77	2.77	2
2011.....	1.00	0.92	0.73	2.65	3
2010.....	1.06	0.90	0.72	2.68	3
2009.....	1.05	0.91	0.70	2.67	3
2008.....	1.15	0.81	0.69	2.64	3
2007.....	1.17	0.73	0.67	2.58	4
2006.....	1.14	0.74	0.65	2.53	4
2005.....	1.11	0.74	0.61	2.45	4
2004.....	1.14	0.72	0.57	2.43	4
2003.....	1.15	0.65	0.55	2.35	5
2002.....	1.16	0.64	0.53	2.33	4
2001.....	1.14	0.63	0.53	2.30	5
2000.....	1.13	0.65	0.52	2.30	5
1999.....	1.09	0.68	0.52	2.29	4

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.15	0.33	0.51	1.99	7
1997.....	1.11	0.32	0.52	1.95	8
1996.....	1.13	0.30	0.52	1.96	8
1995.....	1.18	0.30	0.54	2.01	7
1994.....	1.24	0.35	0.53	2.12	7
1993.....	1.26	0.29	0.55	2.11	7
1992.....	1.32	0.31	0.57	2.20	7
1991.....	1.31	0.32	0.56	2.19	7
1990.....	1.36	0.33	0.58	2.27	7
1989.....	1.27	0.31	0.57	2.16	8
1988.....	1.28	0.37	0.59	2.24	7
1987.....	1.33	0.39	0.59	2.31	7
1986.....	1.36	0.39	0.62	2.37	7
1985.....	1.36	0.36	0.71	2.43	7
1984.....	1.41	0.31	0.72	2.45	7
1983.....	1.45	0.30	0.77	2.52	7
1982.....	1.45	0.30	0.81	2.57	7
1981.....	1.54	0.33	0.83	2.69	6
1980.....	1.53	0.30	0.77	2.59	7
1979.....	1.51	0.27	0.82	2.60	6
1978.....	1.46	0.25	0.78	2.50	7
1977.....	1.47	0.22	0.78	2.47	7
Illinois					
2018.....	1.08	0.45	0.85	2.39	5
2017.....	1.10	0.45	0.83	2.38	5
2016.....	1.12	0.43	0.77	2.31	6
2015.....	1.12	0.43	0.80	2.36	6
2014.....	1.12	0.42	0.78	2.32	6
2013.....	1.13	0.42	0.77	2.33	6
2012.....	1.15	0.43	0.77	2.35	6
2011.....	1.19	0.41	0.75	2.35	6
2010.....	1.22	0.40	0.74	2.35	5
2009.....	1.24	0.39	0.73	2.36	5
2008.....	1.23	0.38	0.74	2.34	6
2007.....	1.24	0.41	0.74	2.38	6
2006.....	1.24	0.37	0.74	2.35	6
2005.....	1.23	0.34	0.71	2.29	6
2004.....	1.24	0.32	0.67	2.22	6
2003.....	1.26	0.35	0.74	2.36	5
2002.....	1.28	0.33	0.65	2.26	5
2001.....	1.27	0.32	0.68	2.28	5
2000.....	1.28	0.32	0.63	2.24	6
1999.....	1.29	0.33	0.66	2.27	5
1998.....	1.27	0.34	0.64	2.25	4
1997.....	1.26	0.35	0.65	2.26	5
1996.....	1.27	0.35	0.68	2.30	4
1995.....	1.30	0.33	0.66	2.29	4
1994.....	1.32	0.34	0.69	2.35	4
1993.....	1.32	0.34	0.72	2.38	4
1992.....	1.34	0.35	0.74	2.43	4
1991.....	1.38	0.34	0.76	2.48	4
1990.....	1.43	0.36	0.82	2.62	4
1989.....	1.42	0.36	0.85	2.63	3
1988.....	1.45	0.38	0.87	2.70	3

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.43	0.39	0.88	2.71	4
1986.....	1.42	0.39	0.91	2.72	5
1985.....	1.39	0.38	0.99	2.76	5
1984.....	1.41	0.37	1.02	2.80	4
1983.....	1.43	0.35	1.03	2.82	4
1982.....	1.42	0.35	1.07	2.84	5
1981.....	1.44	0.35	1.12	2.91	5
1980.....	1.42	0.33	1.23	2.99	4
1979.....	1.42	0.32	1.15	2.89	4
1978.....	1.35	0.31	1.17	2.83	4
1977.....	1.32	0.30	1.20	2.82	4
Indiana					
2018.....	0.96	0.29	0.90	2.15	8
2017.....	0.97	0.29	0.85	2.11	8
2016.....	0.98	0.29	0.89	2.17	8
2015.....	0.98	0.28	0.88	2.14	8
2014.....	0.98	0.27	0.80	2.05	8
2013.....	1.00	0.28	0.81	2.09	8
2012.....	1.02	0.28	0.79	2.08	8
2011.....	1.02	0.27	0.73	2.02	8
2010.....	1.03	0.26	0.74	2.03	8
2009.....	1.08	0.25	0.72	2.05	8
2008.....	1.10	0.24	0.73	2.08	8
2007.....	1.13	0.24	0.72	2.09	8
2006.....	1.09	0.25	0.66	2.00	9
2005.....	1.11	0.22	0.68	2.01	8
2004.....	1.14	0.22	0.65	2.01	8
2003.....	1.11	0.21	0.64	1.96	9
2002.....	1.13	0.20	0.60	1.93	9
2001.....	1.15	0.19	0.62	1.96	8
2000.....	1.16	0.20	0.61	1.98	8
1999.....	1.16	0.19	0.59	1.94	8
1998.....	1.14	0.19	0.58	1.91	8
1997.....	1.09	0.18	0.59	1.85	8
1996.....	1.09	0.20	0.57	1.86	9
1995.....	1.14	0.20	0.58	1.92	8
1994.....	1.15	0.20	0.59	1.94	8
1993.....	1.15	0.19	0.64	1.98	8
1992.....	1.16	0.20	0.58	1.95	9
1991.....	1.22	0.19	0.60	2.00	9
1990.....	1.26	0.20	0.63	2.09	8
1989.....	1.23	0.20	0.64	2.07	8
1988.....	1.25	0.21	0.67	2.13	8
1987.....	1.26	0.23	0.67	2.16	8
1986.....	1.26	0.23	0.67	2.17	8
1985.....	1.26	0.22	0.73	2.20	8
1984.....	1.27	0.21	0.73	2.21	8
1983.....	1.28	0.19	0.73	2.20	8
1982.....	1.29	0.19	0.76	2.24	8
1981.....	1.29	0.18	0.78	2.24	8
1980.....	1.26	0.17	0.77	2.21	8
1979.....	1.21	0.15	0.78	2.15	8
1978.....	1.18	0.15	0.78	2.12	8
1977.....	1.13	0.14	0.77	2.03	8

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Iowa					
2018.....	1.24	0.23	0.92	2.39	5
2017.....	1.27	0.24	0.89	2.40	5
2016.....	1.30	0.23	0.87	2.40	5
2015.....	1.31	0.22	0.83	2.36	5
2014.....	1.34	0.21	0.81	2.37	6
2013.....	1.33	0.22	0.79	2.34	6
2012.....	1.36	0.23	0.81	2.40	5
2011.....	1.38	0.21	0.78	2.37	5
2010.....	1.39	0.18	0.73	2.30	6
2009.....	1.42	0.18	0.72	2.31	6
2008.....	1.43	0.17	0.70	2.30	6
2007.....	1.41	0.17	0.67	2.25	7
2006.....	1.39	0.16	0.65	2.20	7
2005.....	1.40	0.16	0.61	2.16	7
2004.....	1.39	0.16	0.57	2.12	7
2003.....	1.38	0.15	0.54	2.07	8
2002.....	1.38	0.14	0.51	2.04	8
2001.....	1.36	0.13	0.50	1.99	8
2000.....	1.35	0.13	0.50	1.98	8
1999.....	1.34	0.13	0.48	1.95	8
1998.....	1.31	0.12	0.46	1.90	8
1997.....	1.28	0.12	0.45	1.85	9
1996.....	1.28	0.12	0.45	1.85	9
1995.....	1.26	0.11	0.44	1.80	9
1994.....	1.30	0.10	0.44	1.84	9
1993.....	1.28	0.11	0.48	1.87	9
1992.....	1.31	0.13	0.46	1.90	9
1991.....	1.32	0.16	0.52	2.01	8
1990.....	1.34	0.18	0.54	2.06	9
1989.....	1.30	0.19	0.52	2.01	9
1988.....	1.32	0.20	0.53	2.06	9
1987.....	1.34	0.22	0.59	2.14	8
1986.....	1.35	0.20	0.54	2.09	9
1985.....	1.33	0.14	0.58	2.06	9
1984.....	1.39	0.12	0.62	2.13	9
1983.....	1.40	0.13	0.65	2.18	8
1982.....	1.40	0.13	0.65	2.19	8
1981.....	1.44	0.13	0.69	2.26	8
1980.....	1.41	0.13	0.71	2.25	8
1979.....	1.40	0.11	0.71	2.22	8
1978.....	1.38	0.11	0.74	2.23	8
1977.....	1.33	0.10	0.74	2.17	8
Kansas					
2018.....	0.99	0.14	0.79	1.92	9
2017.....	1.03	0.14	0.80	1.98	9
2016.....	1.02	0.14	0.75	1.92	10
2015.....	1.03	0.14	0.74	1.91	10
2014.....	1.04	0.14	0.75	1.93	9
2013.....	0.99	0.14	0.76	1.88	10
2012.....	1.09	0.14	0.72	1.95	9
2011.....	1.07	0.14	0.69	1.90	10
2010.....	1.13	0.14	0.68	1.95	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.



**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.18	0.14	0.67	1.99	9
2008.....	1.22	0.14	0.65	2.01	9
2007.....	1.17	0.15	0.64	1.96	9
2006.....	1.14	0.18	0.61	1.94	9
2005.....	1.14	0.18	0.57	1.89	9
2004.....	1.14	0.16	0.56	1.86	9
2003.....	1.16	0.17	0.56	1.89	10
2002.....	1.19	0.15	0.54	1.88	9
2001.....	1.12	0.15	0.53	1.80	9
2000.....	1.13	0.15	0.53	1.82	9
1999.....	1.12	0.15	0.54	1.81	9
1998.....	1.08	0.13	0.54	1.76	9
1997.....	1.08	0.12	0.48	1.67	10
1996.....	1.04	0.12	0.49	1.65	10
1995.....	1.04	0.12	0.50	1.66	10
1994.....	1.12	0.13	0.48	1.73	10
1993.....	1.09	0.14	0.52	1.75	10
1992.....	1.09	0.14	0.55	1.78	10
1991.....	1.15	0.14	0.57	1.85	9
1990.....	1.13	0.13	0.53	1.79	10
1989.....	1.13	0.13	0.55	1.81	10
1988.....	1.13	0.22	0.57	1.92	9
1987.....	1.14	0.17	0.57	1.88	9
1986.....	1.14	0.17	0.60	1.91	9
1985.....	1.18	0.15	0.64	1.97	9
1984.....	1.19	0.14	0.63	1.96	9
1983.....	1.20	0.13	0.64	1.97	9
1982.....	1.22	0.13	0.67	2.03	9
1981.....	1.23	0.12	0.70	2.05	9
1980.....	1.22	0.11	0.61	1.95	9
1979.....	1.19	0.12	0.74	2.04	9
1978.....	1.15	0.12	0.65	1.91	10
1977.....	1.14	0.10	0.65	1.90	10
Kentucky					
2018.....	0.93	0.22	0.81	1.95	9
2017.....	0.94	0.21	0.82	1.97	9
2016.....	0.96	0.22	0.79	1.98	9
2015.....	0.99	0.22	0.76	1.97	9
2014.....	0.94	0.21	0.72	1.88	10
2013.....	0.95	0.20	0.70	1.85	10
2012.....	0.97	0.20	0.70	1.87	10
2011.....	0.94	0.19	0.66	1.79	10
2010.....	1.00	0.18	0.66	1.83	10
2009.....	1.02	0.18	0.65	1.85	10
2008.....	1.03	0.17	0.65	1.85	10
2007.....	1.04	0.17	0.63	1.85	10
2006.....	1.04	0.17	0.62	1.82	10
2005.....	1.04	0.14	0.61	1.80	10
2004.....	1.07	0.17	0.57	1.81	10
2003.....	1.03	0.15	0.57	1.75	10
2002.....	1.08	0.14	0.54	1.77	10
2001.....	1.04	0.12	0.46	1.63	10
2000.....	1.07	0.14	0.53	1.74	10
1999.....	1.07	0.13	0.54	1.74	10

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.08	0.13	0.53	1.74	10
1997.....	1.07	0.13	0.53	1.72	9
1996.....	1.09	0.13	0.54	1.76	9
1995.....	1.06	0.11	0.54	1.71	9
1994.....	1.08	0.11	0.55	1.73	10
1993.....	1.08	0.10	0.55	1.73	10
1992.....	1.04	0.11	0.56	1.71	10
1991.....	1.11	0.11	0.56	1.78	10
1990.....	1.12	0.11	0.60	1.83	10
1989.....	1.09	0.12	0.57	1.79	10
1988.....	1.10	0.12	0.60	1.82	10
1987.....	1.04	0.14	0.60	1.78	10
1986.....	1.10	0.14	0.63	1.86	10
1985.....	1.08	0.14	0.66	1.88	10
1984.....	1.06	0.13	0.68	1.87	10
1983.....	1.13	0.12	0.70	1.95	9
1982.....	1.14	0.12	0.72	1.99	9
1981.....	1.13	0.10	0.75	1.99	9
1980.....	1.08	0.10	0.73	1.91	10
1979.....	1.07	0.09	0.75	1.91	9
1978.....	1.04	0.09	0.75	1.88	10
1977.....	1.16	0.09	0.73	1.98	9
Louisiana					
2018.....	1.23	0.34	0.99	2.55	4
2017.....	1.24	0.34	1.00	2.57	5
2016.....	1.25	0.34	1.00	2.59	4
2015.....	1.27	0.33	0.98	2.59	4
2014.....	1.30	0.33	0.96	2.59	4
2013.....	1.34	0.32	0.93	2.59	4
2012.....	1.38	0.32	0.90	2.59	4
2011.....	1.39	0.30	0.88	2.57	4
2010.....	1.42	0.28	0.84	2.55	3
2009.....	1.50	0.28	0.85	2.63	3
2008.....	1.55	0.26	0.83	2.64	3
2007.....	1.57	0.27	0.81	2.66	3
2006.....	1.59	0.25	0.78	2.63	3
2005.....	1.47	0.24	0.71	2.41	5
2004.....	1.38	0.26	0.73	2.36	5
2003.....	1.41	0.25	0.72	2.38	4
2002.....	1.32	0.24	0.70	2.26	6
2001.....	1.49	0.23	0.69	2.41	3
2000.....	1.51	0.22	0.70	2.44	3
1999.....	1.52	0.24	0.69	2.45	3
1998.....	1.48	0.23	0.70	2.40	3
1997.....	1.51	0.23	0.71	2.44	2
1996.....	1.52	0.22	0.72	2.46	2
1995.....	1.51	0.21	0.73	2.46	2
1994.....	1.45	0.21	0.73	2.39	3
1993.....	1.53	0.21	0.72	2.47	3
1992.....	1.55	0.22	0.74	2.51	3
1991.....	1.52	0.21	0.73	2.46	4
1990.....	1.53	0.23	0.78	2.54	5
1989.....	1.47	0.24	0.74	2.45	6
1988.....	1.49	0.24	0.71	2.44	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.40	0.25	0.77	2.41	7
1986.....	1.42	0.26	0.79	2.47	6
1985.....	1.37	0.28	0.87	2.52	6
1984.....	1.42	0.29	0.95	2.66	6
1983.....	1.44	0.31	1.03	2.77	5
1982.....	1.49	0.30	1.00	2.78	5
1981.....	1.49	0.28	1.02	2.79	6
1980.....	1.40	0.27	1.03	2.70	6
1979.....	1.32	0.25	1.04	2.61	6
1978.....	1.32	0.25	1.04	2.60	6
1977.....	1.27	0.25	1.00	2.51	6
Maine					
2018.....	1.34	0.44	1.07	2.85	3
2017.....	1.35	0.44	1.06	2.85	3
2016.....	1.36	0.44	1.01	2.81	3
2015.....	1.37	0.44	0.97	2.78	3
2014.....	1.36	0.42	0.93	2.71	3
2013.....	1.36	0.42	0.91	2.69	3
2012.....	1.34	0.42	0.89	2.65	4
2011.....	1.31	0.42	0.87	2.60	3
2010.....	1.30	0.42	0.84	2.56	3
2009.....	1.31	0.42	0.82	2.55	4
2008.....	1.33	0.42	0.81	2.56	4
2007.....	1.35	0.42	0.80	2.57	4
2006.....	1.34	0.42	0.78	2.54	4
2005.....	1.34	0.41	0.77	2.52	3
2004.....	1.26	0.41	0.76	2.44	4
2003.....	1.25	0.40	0.74	2.39	4
2002.....	1.23	0.40	0.70	2.33	5
2001.....	1.21	0.37	0.70	2.28	5
2000.....	1.17	0.38	0.68	2.23	6
1999.....	1.16	0.36	0.69	2.21	6
1998.....	1.14	0.33	0.69	2.17	6
1997.....	1.16	0.32	0.68	2.16	6
1996.....	1.21	0.32	0.69	2.22	5
1995.....	1.14	0.28	0.70	2.12	6
1994.....	1.13	0.27	0.77	2.18	6
1993.....	1.15	0.29	0.79	2.22	6
1992.....	1.16	0.29	0.78	2.23	6
1991.....	1.18	0.30	0.77	2.25	6
1990.....	1.21	0.31	0.82	2.34	6
1989.....	1.26	0.34	0.86	2.46	6
1988.....	1.29	0.36	0.91	2.55	5
1987.....	1.27	0.38	0.91	2.56	5
1986.....	1.29	0.36	0.92	2.57	6
1985.....	1.29	0.33	0.94	2.56	6
1984.....	1.25	0.31	1.02	2.57	6
1983.....	1.32	0.29	1.03	2.64	6
1982.....	1.30	0.30	1.02	2.62	6
1981.....	1.24	0.28	1.05	2.57	7
1980.....	1.32	0.28	1.06	2.66	6
1979.....	1.27	0.27	1.05	2.59	6
1978.....	1.28	0.26	1.03	2.57	6
1977.....	1.35	0.23	1.02	2.60	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Maryland					
2018.....	0.78	0.39	0.91	2.08	9
2017.....	0.82	0.40	0.92	2.14	8
2016.....	0.83	0.40	0.92	2.16	8
2015.....	0.85	0.39	0.90	2.14	8
2014.....	0.86	0.39	0.90	2.15	8
2013.....	0.89	0.39	0.90	2.18	8
2012.....	0.91	0.39	0.90	2.21	8
2011.....	0.92	0.39	0.89	2.19	8
2010.....	0.94	0.38	0.89	2.21	7
2009.....	0.96	0.36	0.86	2.19	8
2008.....	0.99	0.36	0.84	2.19	8
2007.....	1.01	0.36	0.84	2.20	7
2006.....	1.01	0.34	0.83	2.18	7
2005.....	1.02	0.34	0.81	2.16	7
2004.....	1.03	0.33	0.79	2.15	7
2003.....	1.03	0.32	0.77	2.12	7
2002.....	1.06	0.31	0.76	2.12	7
2001.....	1.06	0.30	0.75	2.11	7
2000.....	1.04	0.30	0.75	2.09	7
1999.....	1.04	0.30	0.74	2.08	7
1998.....	1.05	0.30	0.73	2.08	7
1997.....	1.08	0.29	0.73	2.11	7
1996.....	1.05	0.29	0.74	2.08	7
1995.....	1.07	0.28	0.74	2.09	7
1994.....	1.09	0.28	0.78	2.15	6
1993.....	1.10	0.28	0.80	2.19	7
1992.....	1.11	0.29	0.86	2.26	6
1991.....	1.15	0.30	0.89	2.33	6
1990.....	1.22	0.33	0.96	2.51	5
1989.....	1.20	0.34	0.97	2.52	4
1988.....	1.24	0.36	1.00	2.60	4
1987.....	1.28	0.38	1.06	2.71	4
1986.....	1.28	0.38	1.07	2.73	4
1985.....	1.30	0.36	1.14	2.80	4
1984.....	1.31	0.36	1.17	2.84	4
1983.....	1.34	0.35	1.20	2.89	4
1982.....	1.27	0.32	1.16	2.76	5
1981.....	1.39	0.34	1.33	3.06	4
1980.....	1.41	0.33	1.35	3.08	4
1979.....	1.43	0.31	1.39	3.13	3
1978.....	1.40	0.31	1.38	3.09	3
1977.....	1.36	0.30	1.38	3.05	3
Massachusetts					
2018.....	0.91	0.63	1.00	2.55	4
2017.....	0.95	0.66	0.97	2.58	4
2016.....	0.95	0.65	0.97	2.56	5
2015.....	0.96	0.65	0.91	2.52	5
2014.....	0.98	0.66	0.91	2.54	4
2013.....	1.00	0.66	0.89	2.55	5
2012.....	1.03	0.65	0.88	2.56	4
2011.....	1.02	0.64	0.88	2.54	4
2010.....	1.04	0.62	0.84	2.50	4

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.03	0.62	0.85	2.49	4
2008.....	1.08	0.62	0.84	2.54	4
2007.....	1.11	0.62	0.87	2.59	4
2006.....	1.10	0.61	0.85	2.56	3
2005.....	1.07	0.59	0.85	2.51	3
2004.....	1.10	0.58	0.84	2.52	3
2003.....	1.10	0.56	0.82	2.49	3
2002.....	1.13	0.54	0.80	2.47	3
2001.....	1.13	0.52	0.79	2.44	3
2000.....	1.16	0.51	0.87	2.55	2
1999.....	1.09	0.51	0.79	2.39	4
1998.....	1.14	0.50	0.75	2.39	3
1997.....	1.13	0.49	0.76	2.39	3
1996.....	1.11	0.48	0.77	2.35	3
1995.....	1.13	0.44	0.78	2.35	3
1994.....	1.14	0.44	0.80	2.38	3
1993.....	1.14	0.44	0.80	2.38	4
1992.....	1.12	0.44	0.82	2.38	5
1991.....	1.19	0.43	0.87	2.49	3
1990.....	1.22	0.45	0.97	2.63	3
1989.....	1.24	0.46	1.00	2.70	3
1988.....	1.27	0.49	1.05	2.81	3
1987.....	1.27	0.50	1.11	2.88	3
1986.....	1.29	0.52	1.11	2.92	3
1985.....	1.28	0.50	1.19	2.97	3
1984.....	1.29	0.50	1.23	3.02	3
1983.....	1.36	0.49	1.20	3.05	3
1982.....	1.35	0.50	1.22	3.07	3
1981.....	1.44	0.49	1.24	3.17	3
1980.....	1.46	0.45	1.26	3.18	3
1979.....	1.40	0.43	1.24	3.07	3
1978.....	1.38	0.41	1.26	3.05	3
1977.....	1.35	0.37	1.25	2.97	3
Michigan					
2018.....	1.00	0.40	0.96	2.36	6
2017.....	1.01	0.40	0.93	2.34	6
2016.....	1.03	0.39	0.91	2.34	6
2015.....	0.99	0.36	0.89	2.24	7
2014.....	1.05	0.39	0.88	2.32	6
2013.....	1.01	0.37	0.85	2.23	7
2012.....	1.08	0.35	0.84	2.27	7
2011.....	1.07	0.35	0.83	2.25	7
2010.....	1.09	0.33	0.81	2.23	7
2009.....	1.11	0.32	0.80	2.23	7
2008.....	1.13	0.30	0.79	2.22	7
2007.....	1.13	0.30	0.77	2.19	7
2006.....	1.13	0.29	0.76	2.18	7
2005.....	1.15	0.28	0.74	2.16	7
2004.....	1.16	0.27	0.72	2.15	7
2003.....	1.17	0.28	0.72	2.17	7
2002.....	1.19	0.25	0.69	2.13	7
2001.....	1.18	0.23	0.68	2.09	7
2000.....	1.20	0.24	0.68	2.13	7
1999.....	1.20	0.24	0.67	2.11	7

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.20	0.22	0.68	2.10	7
1997.....	1.19	0.22	0.66	2.07	7
1996.....	1.22	0.22	0.66	2.09	7
1995.....	1.20	0.19	0.67	2.06	7
1994.....	1.23	0.20	0.67	2.10	7
1993.....	1.26	0.20	0.72	2.18	7
1992.....	1.26	0.22	0.74	2.21	7
1991.....	1.30	0.22	0.74	2.26	6
1990.....	1.33	0.28	0.80	2.42	6
1989.....	1.29	0.30	0.80	2.39	6
1988.....	1.32	0.32	0.84	2.48	6
1987.....	1.32	0.33	0.85	2.51	6
1986.....	1.33	0.33	0.90	2.57	5
1985.....	1.31	0.32	0.96	2.59	6
1984.....	1.33	0.31	0.98	2.61	6
1983.....	1.36	0.28	0.98	2.62	6
1982.....	1.35	0.39	0.99	2.73	6
1981.....	1.34	0.29	1.00	2.63	6
1980.....	1.34	0.28	1.02	2.65	6
1979.....	1.36	0.25	1.03	2.65	6
1978.....	1.43	0.25	1.05	2.74	5
1977.....	1.45	0.24	1.02	2.71	5
Minnesota					
2018.....	1.14	0.44	1.21	2.79	3
2017.....	1.15	0.44	1.19	2.77	3
2016.....	1.15	0.44	1.17	2.77	3
2015.....	1.16	0.43	1.14	2.73	3
2014.....	1.14	0.44	1.23	2.81	2
2013.....	1.14	0.43	1.16	2.73	3
2012.....	1.18	0.42	1.11	2.71	3
2011.....	1.13	0.34	1.00	2.47	5
2010.....	1.14	0.33	0.97	2.44	5
2009.....	1.19	0.37	1.04	2.59	4
2008.....	1.21	0.36	1.03	2.60	4
2007.....	1.23	0.36	1.01	2.60	3
2006.....	1.15	0.32	0.93	2.40	5
2005.....	1.18	0.33	0.97	2.48	4
2004.....	1.24	0.31	0.94	2.50	3
2003.....	1.22	0.29	0.91	2.43	3
2002.....	1.26	0.28	0.88	2.41	3
2001.....	1.25	0.26	0.88	2.39	4
2000.....	1.24	0.26	0.87	2.37	4
1999.....	1.23	0.27	0.86	2.36	4
1998.....	1.16	0.27	0.84	2.27	4
1997.....	1.20	0.27	0.85	2.31	4
1996.....	1.23	0.26	0.83	2.32	4
1995.....	1.29	0.26	0.83	2.38	3
1994.....	1.27	0.25	0.83	2.35	4
1993.....	1.24	0.24	0.84	2.33	5
1992.....	1.25	0.25	0.85	2.35	5
1991.....	1.30	0.24	0.81	2.35	5
1990.....	1.32	0.27	0.96	2.55	4
1989.....	1.29	0.27	0.89	2.46	6
1988.....	1.31	0.30	0.90	2.51	5

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.32	0.32	0.94	2.58	5
1986.....	1.31	0.34	0.93	2.57	5
1985.....	1.31	0.31	1.06	2.68	5
1984.....	1.34	0.28	1.07	2.69	5
1983.....	1.38	0.27	1.10	2.74	6
1982.....	1.37	0.27	1.11	2.75	6
1981.....	1.39	0.27	1.18	2.84	5
1980.....	1.39	0.26	1.20	2.85	5
1979.....	1.36	0.24	1.17	2.77	5
1978.....	1.32	0.23	1.16	2.71	5
1977.....	1.31	0.21	1.16	2.67	5
Mississippi					
2018.....	1.21	0.18	0.78	2.17	7
2017.....	1.25	0.18	0.77	2.20	7
2016.....	1.28	0.17	0.77	2.23	7
2015.....	1.31	0.17	0.77	2.24	7
2014.....	1.33	0.16	0.75	2.24	7
2013.....	1.35	0.16	0.73	2.25	7
2012.....	1.37	0.16	0.71	2.24	7
2011.....	1.36	0.16	0.71	2.22	7
2010.....	1.37	0.15	0.70	2.22	7
2009.....	1.41	0.15	0.70	2.26	7
2008.....	1.44	0.15	0.70	2.28	7
2007.....	1.45	0.14	0.68	2.26	7
2006.....	1.43	0.13	0.67	2.23	7
2005.....	1.40	0.13	0.65	2.18	7
2004.....	1.38	0.13	0.63	2.14	7
2003.....	1.38	0.12	0.63	2.13	7
2002.....	1.41	0.12	0.61	2.13	7
2001.....	1.40	0.11	0.60	2.11	7
2000.....	1.43	0.11	0.61	2.14	7
1999.....	1.42	0.11	0.61	2.14	7
1998.....	1.40	0.09	0.59	2.08	7
1997.....	1.39	0.09	0.61	2.09	7
1996.....	1.42	0.10	0.62	2.14	6
1995.....	1.37	0.10	0.61	2.09	7
1994.....	1.28	0.08	0.63	2.00	7
1993.....	1.37	0.10	0.63	2.11	7
1992.....	1.35	0.09	0.63	2.08	8
1991.....	1.32	0.09	0.64	2.05	8
1990.....	1.34	0.09	0.65	2.08	8
1989.....	1.28	0.09	0.66	2.04	9
1988.....	1.30	0.09	0.67	2.06	9
1987.....	1.28	0.09	0.66	2.04	9
1986.....	1.28	0.10	0.69	2.07	9
1985.....	1.22	0.10	0.74	2.07	9
1984.....	1.20	0.11	0.77	2.08	9
1983.....	1.20	0.11	0.80	2.10	9
1982.....	1.18	0.11	0.81	2.10	9
1981.....	1.19	0.11	0.84	2.13	9
1980.....	1.13	0.10	0.86	2.09	9
1979.....	1.10	0.09	0.81	2.00	9
1978.....	1.11	0.10	0.88	2.09	8
1977.....	1.04	0.10	0.83	1.98	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Missouri					
2018.....	1.11	0.38	1.02	2.51	5
2017.....	1.13	0.39	1.01	2.53	5
2016.....	1.16	0.38	0.96	2.49	5
2015.....	1.17	0.39	0.97	2.53	4
2014.....	1.16	0.36	0.88	2.40	5
2013.....	1.19	0.36	0.89	2.44	5
2012.....	1.22	0.34	0.86	2.42	5
2011.....	1.24	0.34	0.86	2.45	5
2010.....	1.27	0.32	0.81	2.41	5
2009.....	1.30	0.30	0.83	2.43	5
2008.....	1.32	0.30	0.80	2.42	5
2007.....	1.33	0.30	0.78	2.40	5
2006.....	1.33	0.28	0.76	2.37	5
2005.....	1.31	0.27	0.73	2.30	6
2004.....	1.33	0.27	0.72	2.32	5
2003.....	1.34	0.26	0.70	2.29	6
2002.....	1.36	0.25	0.67	2.27	5
2001.....	1.34	0.23	0.67	2.25	6
2000.....	1.35	0.23	0.67	2.25	5
1999.....	1.35	0.23	0.66	2.23	5
1998.....	1.33	0.23	0.63	2.18	6
1997.....	1.30	0.22	0.63	2.15	6
1996.....	1.31	0.22	0.57	2.10	7
1995.....	1.31	0.20	0.62	2.14	6
1994.....	1.36	0.19	0.66	2.21	6
1993.....	1.33	0.20	0.67	2.20	6
1992.....	1.34	0.21	0.69	2.24	6
1991.....	1.35	0.22	0.64	2.20	7
1990.....	1.37	0.22	0.70	2.30	7
1989.....	1.36	0.23	0.70	2.28	7
1988.....	1.35	0.26	0.70	2.31	7
1987.....	1.38	0.28	0.73	2.39	7
1986.....	1.38	0.28	0.73	2.39	7
1985.....	1.34	0.26	0.77	2.37	7
1984.....	1.35	0.26	0.68	2.29	8
1983.....	1.38	0.22	0.78	2.38	8
1982.....	1.39	0.22	0.79	2.39	7
1981.....	1.41	0.22	0.84	2.46	7
1980.....	1.39	0.20	0.84	2.44	7
1979.....	1.36	0.20	0.86	2.42	7
1978.....	1.31	0.19	0.89	2.39	7
1977.....	1.23	0.19	0.83	2.24	8
Montana					
2018.....	1.60	0.51	0.99	3.10	2
2017.....	1.61	0.51	0.98	3.10	2
2016.....	1.62	0.52	0.98	3.12	2
2015.....	1.63	0.50	0.96	3.09	2
2014.....	1.63	0.50	0.96	3.09	2
2013.....	1.64	0.49	0.95	3.07	2
2012.....	1.65	0.48	0.94	3.08	2
2011.....	1.61	0.47	0.90	2.98	2
2010.....	1.65	0.45	0.88	2.98	2

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.



**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.64	0.45	0.87	2.96	2
2008.....	1.66	0.44	0.87	2.97	2
2007.....	1.66	0.43	0.85	2.94	2
2006.....	1.63	0.41	0.82	2.87	2
2005.....	1.59	0.42	0.77	2.78	2
2004.....	1.57	0.34	0.75	2.66	2
2003.....	1.56	0.33	0.72	2.62	2
2002.....	1.62	0.33	0.70	2.65	2
2001.....	1.58	0.30	0.68	2.56	2
2000.....	1.57	0.29	0.68	2.54	2
1999.....	1.56	0.28	0.67	2.51	2
1998.....	1.53	0.27	0.65	2.45	2
1997.....	1.41	0.27	0.64	2.32	4
1996.....	1.55	0.26	0.64	2.45	3
1995.....	1.52	0.25	0.78	2.55	2
1994.....	1.57	0.24	0.70	2.51	2
1993.....	1.49	0.25	0.73	2.47	3
1992.....	1.59	0.26	0.75	2.61	2
1991.....	1.61	0.28	0.76	2.64	3
1990.....	1.61	0.29	0.77	2.67	3
1989.....	1.59	0.29	0.73	2.61	4
1988.....	1.61	0.32	0.77	2.70	4
1987.....	1.59	0.34	0.78	2.70	4
1986.....	1.60	0.34	0.82	2.76	4
1985.....	1.62	0.33	0.89	2.84	4
1984.....	1.71	0.32	0.93	2.97	3
1983.....	1.80	0.32	0.99	3.11	3
1982.....	1.82	0.32	1.02	3.16	3
1981.....	1.90	0.33	1.05	3.27	3
1980.....	1.82	0.35	1.03	3.20	3
1979.....	1.83	0.41	1.05	3.29	2
1978.....	1.82	0.20	1.07	3.09	2
1977.....	1.82	0.20	1.10	3.11	2
Nebraska					
2018.....	1.22	0.21	0.73	2.16	8
2017.....	1.26	0.22	0.72	2.20	7
2016.....	1.30	0.22	0.72	2.24	7
2015.....	1.34	0.22	0.71	2.27	6
2014.....	1.37	0.21	0.72	2.30	7
2013.....	1.39	0.21	0.71	2.32	6
2012.....	1.41	0.21	0.69	2.32	7
2011.....	1.39	0.21	0.69	2.29	6
2010.....	1.40	0.21	0.67	2.28	6
2009.....	1.42	0.20	0.67	2.29	6
2008.....	1.45	0.20	0.68	2.33	6
2007.....	1.43	0.20	0.67	2.31	6
2006.....	1.42	0.21	0.71	2.35	6
2005.....	1.41	0.20	0.68	2.29	6
2004.....	1.44	0.20	0.65	2.28	6
2003.....	1.43	0.19	0.63	2.24	6
2002.....	1.45	0.17	0.61	2.23	6
2001.....	1.43	0.16	0.60	2.20	6
2000.....	1.44	0.17	0.62	2.23	6
1999.....	1.42	0.17	0.60	2.19	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.39	0.18	0.58	2.16	6
1997.....	1.35	0.18	0.56	2.09	7
1996.....	1.35	0.18	0.57	2.11	6
1995.....	1.35	0.19	0.57	2.10	7
1994.....	1.39	0.18	0.57	2.14	7
1993.....	1.37	0.18	0.59	2.14	7
1992.....	1.37	0.18	0.61	2.16	7
1991.....	1.40	0.18	0.61	2.19	7
1990.....	1.41	0.20	0.64	2.25	7
1989.....	1.41	0.20	0.64	2.26	7
1988.....	1.41	0.22	0.66	2.30	7
1987.....	1.43	0.23	0.67	2.33	7
1986.....	1.41	0.23	0.69	2.33	7
1985.....	1.41	0.22	0.76	2.39	7
1984.....	1.46	0.21	0.77	2.43	7
1983.....	1.50	0.21	0.80	2.51	7
1982.....	1.51	0.28	0.58	2.37	7
1981.....	1.57	0.20	0.88	2.65	6
1980.....	1.56	0.19	0.88	2.63	6
1979.....	1.52	0.18	0.89	2.59	7
1978.....	1.48	0.18	0.90	2.56	6
1977.....	1.46	0.17	0.91	2.54	6
Nevada					
2018.....	1.35	0.60	1.46	3.42	1
2017.....	1.40	0.61	1.46	3.47	1
2016.....	1.42	0.62	1.46	3.50	1
2015.....	1.39	0.66	1.30	3.35	1
2014.....	1.41	0.66	1.31	3.38	1
2013.....	1.41	0.63	1.28	3.32	1
2012.....	1.41	0.62	1.25	3.28	1
2011.....	1.45	0.63	1.27	3.35	1
2010.....	1.49	0.60	1.21	3.30	1
2009.....	1.53	0.56	1.11	3.21	1
2008.....	1.63	0.61	1.29	3.53	1
2007.....	1.66	0.62	1.23	3.52	1
2006.....	1.71	0.65	1.28	3.63	1
2005.....	1.69	0.62	1.21	3.52	1
2004.....	1.73	0.63	1.25	3.61	1
2003.....	1.74	0.61	1.23	3.59	1
2002.....	1.74	0.60	1.22	3.56	1
2001.....	1.79	0.59	1.21	3.59	1
2000.....	1.79	0.62	1.26	3.67	1
1999.....	1.82	0.63	1.29	3.74	1
1998.....	1.80	0.58	1.23	3.62	1
1997.....	1.84	0.58	1.30	3.72	1
1996.....	1.91	0.59	1.39	3.89	1
1995.....	1.87	0.58	1.39	3.84	1
1994.....	1.93	0.57	1.51	4.00	1
1993.....	1.95	0.58	1.54	4.07	1
1992.....	2.02	0.62	1.61	4.25	1
1991.....	2.05	0.63	1.63	4.31	1
1990.....	2.17	0.69	1.92	4.78	1
1989.....	2.12	0.71	1.87	4.70	1
1988.....	2.08	0.76	1.95	4.80	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	2.01	0.83	2.05	4.89	1
1986.....	2.04	0.86	2.07	4.97	1
1985.....	1.96	0.84	2.18	4.99	1
1984.....	1.97	0.80	2.32	5.10	1
1983.....	1.96	0.78	2.43	5.18	1
1982.....	2.00	0.77	2.50	5.27	1
1981.....	2.08	0.80	2.71	5.59	1
1980.....	2.06	0.78	2.90	5.75	1
1979.....	2.07	0.79	2.97	5.83	1
1978.....	2.01	0.77	3.34	6.13	1
1977.....	1.99	0.77	3.56	6.32	1
New Hampshire					
2018.....	1.79	0.84	2.04	4.67	1
2017.....	1.83	0.87	2.01	4.72	1
2016.....	1.86	0.88	1.99	4.74	1
2015.....	1.87	0.88	1.95	4.70	1
2014.....	1.69	0.89	1.95	4.53	1
2013.....	1.86	0.89	1.92	4.67	1
2012.....	1.90	0.86	1.88	4.64	1
2011.....	1.86	0.92	1.98	4.76	1
2010.....	1.81	0.84	1.85	4.50	1
2009.....	1.79	0.84	1.84	4.47	1
2008.....	1.78	0.81	1.79	4.39	1
2007.....	1.82	0.79	1.75	4.36	1
2006.....	1.73	0.78	1.77	4.28	1
2005.....	1.75	0.75	1.71	4.20	1
2004.....	1.74	0.73	1.67	4.14	1
2003.....	1.75	0.71	1.63	4.09	1
2002.....	1.75	0.70	1.64	4.09	1
2001.....	1.75	0.66	1.62	4.03	1
2000.....	1.78	0.65	1.63	4.06	1
1999.....	1.78	0.65	1.64	4.07	1
1998.....	1.77	0.55	1.67	3.99	1
1997.....	1.78	0.54	1.72	4.04	1
1996.....	1.78	0.53	1.79	4.11	1
1995.....	1.73	0.50	1.79	4.02	1
1994.....	1.75	0.48	1.90	4.13	1
1993.....	1.83	0.54	2.01	4.38	1
1992.....	1.81	0.52	1.96	4.30	1
1991.....	1.85	0.49	1.96	4.30	1
1990.....	1.85	0.49	1.97	4.30	1
1989.....	1.87	0.50	2.00	4.38	1
1988.....	1.91	0.49	1.94	4.34	1
1987.....	1.93	0.50	1.99	4.42	1
1986.....	1.93	0.52	2.06	4.52	1
1985.....	1.99	0.53	2.22	4.74	1
1984.....	1.99	0.59	2.33	4.92	1
1983.....	2.17	0.56	2.36	5.09	1
1982.....	1.90	0.59	2.35	4.84	1
1981.....	1.89	0.59	2.43	4.91	1
1980.....	1.93	0.60	2.49	5.02	1
1979.....	1.94	0.61	2.56	5.10	1
1978.....	1.95	0.53	2.88	5.36	1
1977.....	1.86	0.49	2.88	5.23	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
New Jersey					
2018.....	0.80	0.57	0.98	2.36	6
2017.....	0.80	0.60	0.96	2.36	6
2016.....	0.83	0.60	0.93	2.36	6
2015.....	0.84	0.60	0.93	2.37	5
2014.....	0.84	0.62	0.93	2.39	5
2013.....	0.84	0.61	0.92	2.37	5
2012.....	0.89	0.60	0.91	2.40	5
2011.....	0.89	0.58	0.89	2.37	5
2010.....	0.92	0.57	0.86	2.35	5
2009.....	0.91	0.57	0.86	2.34	6
2008.....	0.93	0.55	0.86	2.35	6
2007.....	0.93	0.55	0.86	2.33	6
2006.....	0.95	0.54	0.85	2.33	6
2005.....	0.95	0.52	0.83	2.30	5
2004.....	0.96	0.52	0.82	2.30	6
2003.....	0.95	0.50	0.80	2.24	6
2002.....	0.98	0.49	0.77	2.24	6
2001.....	0.99	0.47	0.75	2.20	6
2000.....	0.97	0.47	0.76	2.20	6
1999.....	0.97	0.47	0.74	2.18	7
1998.....	0.98	0.46	0.71	2.15	6
1997.....	0.99	0.46	0.74	2.19	5
1996.....	1.00	0.44	0.76	2.20	6
1995.....	1.06	0.44	0.79	2.28	4
1994.....	1.04	0.43	0.79	2.27	5
1993.....	1.07	0.42	0.79	2.29	5
1992.....	1.07	0.44	0.83	2.34	5
1991.....	1.09	0.43	0.82	2.34	6
1990.....	1.15	0.48	0.95	2.58	4
1989.....	1.13	0.50	0.95	2.58	4
1988.....	1.15	0.51	0.93	2.58	4
1987.....	1.18	0.54	1.00	2.72	4
1986.....	1.17	0.56	1.03	2.77	3
1985.....	1.17	0.55	1.07	2.79	4
1984.....	1.18	0.54	1.10	2.82	4
1983.....	1.20	0.52	1.13	2.85	4
1982.....	1.21	0.52	1.13	2.87	4
1981.....	1.21	0.51	1.15	2.87	5
1980.....	1.22	0.47	1.13	2.82	5
1979.....	1.18	0.43	1.10	2.71	6
1978.....	1.17	0.41	1.10	2.69	6
1977.....	1.16	0.40	1.13	2.69	5
New Mexico					
2018.....	1.07	0.31	0.89	2.26	6
2017.....	1.05	0.30	0.81	2.16	8
2016.....	1.10	0.31	0.84	2.26	7
2015.....	1.02	0.30	0.78	2.10	8
2014.....	1.29	0.31	0.82	2.41	5
2013.....	1.17	0.34	0.84	2.34	6
2012.....	1.24	0.33	0.79	2.36	6
2011.....	1.32	0.31	0.72	2.35	6
2010.....	1.23	0.31	0.74	2.28	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.34	0.31	0.72	2.38	5
2008.....	1.41	0.31	0.71	2.43	5
2007.....	1.39	0.30	0.70	2.39	5
2006.....	1.37	0.30	0.69	2.36	5
2005.....	1.47	0.29	0.66	2.42	4
2004.....	1.46	0.25	0.66	2.36	5
2003.....	1.52	0.27	0.61	2.40	4
2002.....	1.52	0.26	0.61	2.40	4
2001.....	1.54	0.25	0.61	2.39	4
2000.....	1.53	0.25	0.61	2.38	4
1999.....	1.53	0.25	0.59	2.36	4
1998.....	1.49	0.24	0.58	2.31	4
1997.....	1.51	0.24	0.58	2.33	3
1996.....	1.55	0.24	0.59	2.38	3
1995.....	1.56	0.24	0.60	2.40	3
1994.....	1.46	0.19	0.60	2.25	5
1993.....	1.53	0.23	0.63	2.39	3
1992.....	1.56	0.25	0.66	2.47	4
1991.....	1.64	0.26	0.64	2.54	3
1990.....	1.68	0.28	0.68	2.64	3
1989.....	1.67	0.29	0.66	2.62	4
1988.....	1.66	0.33	0.68	2.67	4
1987.....	1.65	0.36	0.68	2.69	4
1986.....	1.66	0.36	0.71	2.73	4
1985.....	1.71	0.36	0.77	2.84	4
1984.....	1.72	0.28	0.76	2.76	5
1983.....	1.72	0.31	0.98	3.01	4
1982.....	1.72	0.34	0.93	2.99	4
1981.....	1.73	0.32	0.95	3.00	4
1980.....	1.65	0.32	0.99	2.97	4
1979.....	1.64	0.29	0.97	2.91	4
1978.....	1.65	0.31	0.96	2.93	4
1977.....	1.62	0.31	0.95	2.88	4
New York					
2018.....	0.88	0.52	0.81	2.21	7
2017.....	0.90	0.54	0.79	2.23	7
2016.....	0.91	0.53	0.79	2.23	8
2015.....	0.91	0.50	0.77	2.19	7
2014.....	0.90	0.54	0.77	2.20	8
2013.....	0.93	0.51	0.77	2.21	8
2012.....	0.91	0.51	0.75	2.17	8
2011.....	0.89	0.50	0.73	2.11	8
2010.....	0.89	0.48	0.71	2.09	8
2009.....	0.92	0.47	0.70	2.08	8
2008.....	0.93	0.47	0.68	2.08	8
2007.....	0.93	0.47	0.69	2.10	8
2006.....	0.89	0.46	0.66	2.01	8
2005.....	0.91	0.43	0.65	1.99	9
2004.....	0.92	0.42	0.62	1.96	9
2003.....	0.93	0.40	0.61	1.94	9
2002.....	0.95	0.38	0.59	1.92	9
2001.....	0.96	0.37	0.56	1.89	9
2000.....	0.92	0.38	0.58	1.88	9
1999.....	0.93	0.37	0.56	1.85	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	0.95	0.38	0.51	1.84	9
1997.....	0.86	0.36	0.56	1.79	9
1996.....	0.91	0.36	0.57	1.84	9
1995.....	1.00	0.38	0.57	1.95	8
1994.....	0.98	0.35	0.60	1.93	8
1993.....	1.00	0.35	0.62	1.97	8
1992.....	1.04	0.37	0.68	2.09	8
1991.....	1.09	0.37	0.69	2.14	7
1990.....	1.13	0.41	0.76	2.30	7
1989.....	1.11	0.42	0.81	2.34	7
1988.....	1.14	0.44	0.86	2.45	6
1987.....	1.14	0.47	0.90	2.51	6
1986.....	1.12	0.50	0.91	2.53	6
1985.....	1.14	0.49	0.98	2.61	5
1984.....	1.14	0.49	1.03	2.67	5
1983.....	1.23	0.49	1.05	2.77	5
1982.....	1.26	0.48	1.11	2.85	4
1981.....	1.25	0.46	1.12	2.83	5
1980.....	1.27	0.46	1.17	2.91	5
1979.....	1.21	0.44	1.17	2.83	5
1978.....	1.18	0.42	1.18	2.78	5
1977.....	1.18	0.39	1.18	2.75	5
North Carolina					
2018.....	1.04	0.45	0.68	2.17	7
2017.....	1.05	0.44	0.65	2.13	8
2016.....	1.05	0.43	0.64	2.12	9
2015.....	1.05	0.42	0.63	2.10	8
2014.....	1.05	0.41	0.61	2.07	8
2013.....	1.04	0.40	0.60	2.04	9
2012.....	1.06	0.38	0.60	2.04	8
2011.....	1.05	0.37	0.58	2.01	9
2010.....	1.07	0.35	0.57	2.00	9
2009.....	1.10	0.34	0.57	2.01	9
2008.....	1.13	0.33	0.57	2.03	9
2007.....	1.15	0.34	0.56	2.04	9
2006.....	1.14	0.33	0.54	2.01	9
2005.....	1.13	0.30	0.54	1.96	9
2004.....	1.16	0.30	0.53	1.99	8
2003.....	1.21	0.27	0.52	2.00	8
2002.....	1.25	0.27	0.50	2.02	8
2001.....	1.24	0.25	0.51	2.00	8
2000.....	1.22	0.25	0.52	1.98	8
1999.....	1.21	0.24	0.51	1.96	8
1998.....	1.21	0.23	0.50	1.94	8
1997.....	1.22	0.23	0.52	1.97	7
1996.....	1.21	0.24	0.53	1.98	7
1995.....	1.12	0.21	0.53	1.87	9
1994.....	1.14	0.21	0.54	1.89	8
1993.....	1.14	0.22	0.56	1.92	9
1992.....	1.14	0.23	0.59	1.96	8
1991.....	1.11	0.24	0.60	1.96	9
1990.....	1.16	0.27	0.65	2.08	9
1989.....	1.13	0.27	0.66	2.05	8
1988.....	1.11	0.28	0.68	2.08	8

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.11	0.28	0.71	2.09	9
1986.....	1.11	0.30	0.74	2.15	8
1985.....	1.10	0.27	0.76	2.13	8
1984.....	1.11	0.24	0.78	2.13	8
1983.....	1.11	0.22	0.80	2.12	9
1982.....	1.07	0.21	0.85	2.13	9
1981.....	1.10	0.21	0.86	2.16	9
1980.....	1.10	0.20	0.85	2.16	9
1979.....	1.04	0.21	0.84	2.09	9
1978.....	1.02	0.19	0.83	2.04	9
1977.....	0.98	0.19	0.81	1.98	9
North Dakota					
2018.....	1.50	0.34	1.33	3.16	1
2017.....	1.51	0.34	1.30	3.15	1
2016.....	1.51	0.34	1.29	3.14	1
2015.....	1.58	0.35	1.33	3.26	1
2014.....	1.68	0.35	1.40	3.43	1
2013.....	1.69	0.32	1.38	3.39	1
2012.....	1.75	0.30	1.38	3.43	1
2011.....	1.66	0.26	1.26	3.18	1
2010.....	1.49	0.25	1.19	2.93	2
2009.....	1.59	0.24	1.13	2.96	2
2008.....	1.60	0.23	1.11	2.94	2
2007.....	1.53	0.23	1.06	2.82	2
2006.....	1.50	0.20	1.00	2.70	3
2005.....	1.48	0.18	0.94	2.60	3
2004.....	1.49	0.18	0.82	2.49	3
2003.....	1.53	0.17	0.86	2.56	2
2002.....	1.51	0.16	0.83	2.50	3
2001.....	1.46	0.15	0.81	2.42	3
2000.....	1.47	0.15	0.79	2.40	4
1999.....	1.48	0.15	0.78	2.41	3
1998.....	1.45	0.13	0.76	2.35	4
1997.....	1.40	0.13	0.77	2.30	4
1996.....	1.40	0.13	0.77	2.30	4
1995.....	1.36	0.16	0.77	2.28	4
1994.....	1.39	0.15	0.78	2.32	4
1993.....	1.37	0.15	0.84	2.36	4
1992.....	1.38	0.15	0.85	2.39	5
1991.....	1.43	0.16	0.86	2.44	4
1990.....	1.47	0.17	0.93	2.56	4
1989.....	1.41	0.17	0.86	2.44	6
1988.....	1.41	0.19	0.88	2.48	6
1987.....	1.37	0.21	0.89	2.47	6
1986.....	1.34	0.22	0.87	2.44	7
1985.....	1.34	0.19	0.96	2.50	7
1984.....	1.41	0.17	0.99	2.56	6
1983.....	1.49	0.17	1.05	2.71	6
1982.....	1.52	0.18	1.09	2.79	5
1981.....	1.53	0.18	1.14	2.85	5
1980.....	1.52	0.17	1.13	2.82	5
1979.....	1.46	0.16	1.10	2.72	5
1978.....	1.45	0.16	1.15	2.76	5
1977.....	1.35	0.15	1.12	2.62	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Ohio					
2018.....	1.10	0.31	0.62	2.03	9
2017.....	1.12	0.31	0.60	2.02	9
2016.....	1.15	0.31	0.58	2.03	9
2015.....	1.17	0.30	0.56	2.03	9
2014.....	1.19	0.30	0.54	2.03	9
2013.....	1.22	0.30	0.53	2.04	8
2012.....	1.23	0.29	0.51	2.03	9
2011.....	1.24	0.28	0.50	2.02	9
2010.....	1.29	0.25	0.48	2.02	8
2009.....	1.30	0.27	0.47	2.03	8
2008.....	1.33	0.26	0.46	2.05	9
2007.....	1.34	0.25	0.45	2.04	9
2006.....	1.33	0.24	0.44	2.01	8
2005.....	1.34	0.23	0.43	2.00	8
2004.....	1.34	0.22	0.42	1.97	9
2003.....	1.34	0.22	0.40	1.95	9
2002.....	1.35	0.21	0.39	1.95	8
2001.....	1.34	0.21	0.39	1.93	9
2000.....	1.32	0.21	0.38	1.91	9
1999.....	1.32	0.20	0.37	1.90	9
1998.....	1.30	0.19	0.44	1.94	8
1997.....	1.28	0.19	0.43	1.90	8
1996.....	1.36	0.18	0.43	1.97	8
1995.....	1.29	0.17	0.43	1.89	8
1994.....	1.31	0.16	0.37	1.85	9
1993.....	1.29	0.16	0.50	1.95	8
1992.....	1.32	0.17	0.50	1.98	8
1991.....	1.33	0.18	0.51	2.03	8
1990.....	1.34	0.22	0.53	2.09	8
1989.....	1.36	0.22	0.51	2.09	8
1988.....	1.35	0.24	0.55	2.13	8
1987.....	1.35	0.24	0.59	2.18	8
1986.....	1.32	0.25	0.60	2.18	8
1985.....	1.37	0.25	0.59	2.21	8
1984.....	1.41	0.25	0.61	2.27	8
1983.....	1.36	0.22	0.65	2.23	8
1982.....	1.40	0.22	0.66	2.28	8
1981.....	1.35	0.22	0.68	2.25	8
1980.....	1.39	0.21	0.72	2.33	8
1979.....	1.35	0.19	0.70	2.25	8
1978.....	1.19	0.20	0.70	2.08	9
1977.....	1.16	0.18	0.70	2.03	8
Oklahoma					
2018.....	1.00	0.20	0.65	1.85	10
2017.....	1.03	0.20	0.65	1.87	10
2016.....	1.05	0.20	0.64	1.89	10
2015.....	1.07	0.19	0.62	1.89	10
2014.....	1.09	0.19	0.63	1.91	10
2013.....	1.11	0.19	0.62	1.93	9
2012.....	1.14	0.19	0.61	1.94	10
2011.....	1.14	0.19	0.59	1.92	9
2010.....	1.16	0.18	0.58	1.92	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.



**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.17	0.18	0.58	1.93	9
2008.....	1.22	0.18	0.58	1.97	9
2007.....	1.17	0.17	0.57	1.91	9
2006.....	1.13	0.17	0.56	1.87	10
2005.....	1.09	0.16	0.55	1.80	10
2004.....	1.11	0.13	0.46	1.70	10
2003.....	1.06	0.13	0.74	1.93	9
2002.....	1.12	0.13	0.58	1.82	10
2001.....	1.11	0.12	0.43	1.65	10
2000.....	1.12	0.12	0.44	1.69	10
1999.....	1.11	0.12	0.44	1.68	10
1998.....	1.12	0.12	0.43	1.68	10
1997.....	1.10	0.12	0.43	1.65	10
1996.....	1.09	0.12	0.45	1.66	10
1995.....	1.10	0.12	0.44	1.66	10
1994.....	1.15	0.13	0.50	1.78	9
1993.....	1.11	0.11	0.48	1.70	10
1992.....	1.13	0.13	0.55	1.81	9
1991.....	1.09	0.13	0.54	1.76	10
1990.....	1.12	0.14	0.55	1.81	10
1989.....	1.08	0.14	0.54	1.75	10
1988.....	1.07	0.14	0.52	1.73	10
1987.....	1.06	0.15	0.58	1.79	10
1986.....	1.06	0.15	0.62	1.84	10
1985.....	1.05	0.15	0.68	1.88	10
1984.....	1.00	0.16	0.74	1.91	10
1983.....	1.04	0.16	0.77	1.97	9
1982.....	1.15	0.16	0.82	2.14	9
1981.....	1.14	0.16	0.83	2.13	9
1980.....	1.07	0.16	0.71	1.94	9
1979.....	1.03	0.13	0.78	1.94	9
1978.....	1.05	0.14	0.80	2.00	9
1977.....	1.04	0.13	0.77	1.95	9
Oregon					
2018.....	1.21	0.58	0.95	2.74	3
2017.....	1.24	0.59	0.93	2.76	3
2016.....	1.24	0.60	0.92	2.76	3
2015.....	1.23	0.58	0.90	2.71	4
2014.....	1.23	0.57	0.90	2.70	4
2013.....	1.20	0.57	0.89	2.66	4
2012.....	1.21	0.57	0.89	2.66	4
2011.....	1.18	0.56	0.85	2.59	3
2010.....	1.19	0.49	0.83	2.51	4
2009.....	1.28	0.49	0.82	2.59	3
2008.....	1.22	0.49	0.83	2.54	4
2007.....	1.35	0.50	0.81	2.65	3
2006.....	1.32	0.49	0.78	2.59	3
2005.....	1.16	0.50	0.75	2.40	5
2004.....	1.23	0.49	0.72	2.44	4
2003.....	1.20	0.47	0.69	2.36	5
2002.....	1.22	0.46	0.66	2.34	4
2001.....	1.22	0.43	0.65	2.30	4
2000.....	1.20	0.44	0.64	2.28	5
1999.....	1.21	0.43	0.63	2.27	5

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.20	0.43	0.61	2.25	4
1997.....	1.19	0.44	0.60	2.24	5
1996.....	1.23	0.44	0.61	2.27	5
1995.....	1.21	0.42	0.59	2.23	5
1994.....	1.23	0.37	0.62	2.21	6
1993.....	1.24	0.43	0.64	2.31	5
1992.....	1.29	0.46	0.67	2.41	4
1991.....	1.28	0.44	0.67	2.38	5
1990.....	1.32	0.47	0.73	2.51	5
1989.....	1.28	0.47	0.70	2.46	5
1988.....	1.29	0.52	0.72	2.52	5
1987.....	1.28	0.53	0.73	2.54	5
1986.....	1.28	0.55	0.74	2.57	6
1985.....	1.25	0.55	0.77	2.58	6
1984.....	1.28	0.53	0.82	2.63	6
1983.....	1.32	0.53	0.85	2.70	6
1982.....	1.32	0.52	0.88	2.72	6
1981.....	1.37	0.50	0.92	2.79	6
1980.....	1.36	0.50	0.94	2.81	5
1979.....	1.36	0.47	0.94	2.77	5
1978.....	1.32	0.46	0.96	2.74	5
1977.....	1.30	0.45	0.94	2.70	5
Pennsylvania					
2018.....	1.29	0.33	0.72	2.34	6
2017.....	1.30	0.33	0.72	2.35	6
2016.....	1.31	0.33	0.72	2.36	5
2015.....	1.31	0.32	0.70	2.33	6
2014.....	1.32	0.32	0.70	2.34	6
2013.....	1.34	0.31	0.68	2.33	6
2012.....	1.36	0.31	0.67	2.34	6
2011.....	1.37	0.30	0.66	2.33	6
2010.....	1.37	0.29	0.64	2.30	6
2009.....	1.37	0.28	0.63	2.27	7
2008.....	1.36	0.26	0.61	2.23	7
2007.....	1.35	0.25	0.58	2.18	8
2006.....	1.32	0.23	0.55	2.10	8
2005.....	1.32	0.23	0.55	2.11	8
2004.....	1.30	0.23	0.53	2.06	8
2003.....	1.31	0.22	0.51	2.04	8
2002.....	1.35	0.21	0.49	2.06	8
2001.....	1.33	0.20	0.48	2.02	8
2000.....	1.29	0.20	0.47	1.96	8
1999.....	1.27	0.20	0.46	1.92	8
1998.....	1.21	0.18	0.45	1.85	9
1997.....	1.33	0.18	0.45	1.95	8
1996.....	1.26	0.18	0.45	1.88	8
1995.....	1.26	0.17	0.45	1.88	8
1994.....	1.28	0.18	0.47	1.93	8
1993.....	1.31	0.17	0.48	1.96	8
1992.....	1.30	0.18	0.51	1.99	8
1991.....	1.36	0.17	0.52	2.05	8
1990.....	1.42	0.18	0.55	2.15	8
1989.....	1.38	0.18	0.57	2.13	8
1988.....	1.41	0.19	0.54	2.14	8

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.40	0.20	0.62	2.22	8
1986.....	1.40	0.21	0.64	2.25	8
1985.....	1.38	0.21	0.65	2.23	8
1984.....	1.38	0.21	0.67	2.26	8
1983.....	1.41	0.22	0.67	2.31	8
1982.....	1.44	0.23	0.70	2.37	8
1981.....	1.42	0.23	0.72	2.38	8
1980.....	1.45	0.22	0.71	2.39	7
1979.....	1.40	0.22	0.72	2.34	8
1978.....	1.35	0.21	0.73	2.30	8
1977.....	1.34	0.20	0.74	2.27	8
Rhode Island					
2018.....	0.90	0.57	1.15	2.63	4
2017.....	0.93	0.58	1.09	2.60	4
2016.....	0.94	0.58	1.05	2.57	4
2015.....	0.96	0.57	0.99	2.52	5
2014.....	1.01	0.51	0.86	2.39	5
2013.....	1.00	0.57	0.98	2.56	4
2012.....	1.03	0.59	0.97	2.58	4
2011.....	1.04	0.58	0.94	2.55	4
2010.....	1.06	0.56	0.92	2.54	4
2009.....	1.07	0.55	0.85	2.47	5
2008.....	1.09	0.52	0.84	2.46	5
2007.....	1.10	0.53	0.82	2.45	5
2006.....	1.07	0.51	0.83	2.41	5
2005.....	0.98	0.49	0.82	2.29	6
2004.....	1.13	0.50	0.80	2.42	5
2003.....	1.13	0.51	0.80	2.45	3
2002.....	1.17	0.48	0.74	2.40	4
2001.....	1.19	0.46	0.70	2.36	4
2000.....	1.16	0.46	0.70	2.31	4
1999.....	1.14	0.45	0.69	2.29	4
1998.....	1.14	0.47	0.63	2.24	5
1997.....	1.22	0.44	0.64	2.30	4
1996.....	1.16	0.42	0.66	2.24	5
1995.....	1.18	0.38	0.63	2.19	6
1994.....	1.23	0.38	0.66	2.27	5
1993.....	1.22	0.36	0.69	2.27	6
1992.....	1.24	0.39	0.70	2.33	6
1991.....	1.33	0.37	0.71	2.41	4
1990.....	1.31	0.44	0.79	2.54	5
1989.....	1.35	0.46	0.86	2.67	3
1988.....	1.38	0.49	0.96	2.82	3
1987.....	1.39	0.51	0.93	2.83	3
1986.....	1.40	0.53	0.92	2.85	3
1985.....	1.40	0.51	1.03	2.93	3
1984.....	1.37	0.52	1.03	2.92	3
1983.....	1.48	0.50	1.06	3.04	3
1982.....	1.34	0.55	1.04	2.94	4
1981.....	1.36	0.53	1.04	2.92	4
1980.....	1.46	0.53	1.13	3.13	3
1979.....	1.42	0.49	1.08	2.98	4
1978.....	1.37	0.48	1.13	2.98	4
1977.....	1.35	0.42	1.09	2.86	4

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
South Carolina					
2018.....	1.11	0.25	0.80	2.16	8
2017.....	1.14	0.25	0.80	2.19	7
2016.....	1.18	0.25	0.80	2.23	7
2015.....	1.21	0.25	0.79	2.25	7
2014.....	1.23	0.25	0.80	2.28	7
2013.....	1.26	0.25	0.80	2.31	7
2012.....	1.28	0.25	0.79	2.32	6
2011.....	1.29	0.25	0.78	2.31	6
2010.....	1.31	0.24	0.76	2.31	6
2009.....	1.35	0.24	0.76	2.34	6
2008.....	1.39	0.24	0.76	2.40	5
2007.....	1.42	0.24	0.76	2.42	5
2006.....	1.45	0.24	0.76	2.45	5
2005.....	1.43	0.24	0.75	2.42	4
2004.....	1.39	0.24	0.76	2.38	5
2003.....	1.38	0.23	0.74	2.35	5
2002.....	1.40	0.22	0.67	2.30	5
2001.....	1.40	0.22	0.65	2.27	5
2000.....	1.49	0.22	0.72	2.43	3
1999.....	1.48	0.22	0.72	2.41	3
1998.....	1.44	0.21	0.72	2.37	3
1997.....	1.48	0.20	0.71	2.40	3
1996.....	1.38	0.21	0.71	2.30	4
1995.....	1.33	0.19	0.68	2.20	6
1994.....	1.38	0.17	0.74	2.29	4
1993.....	1.36	0.20	0.75	2.30	5
1992.....	1.34	0.20	0.79	2.33	5
1991.....	1.34	0.22	0.84	2.41	5
1990.....	1.44	0.25	0.92	2.61	4
1989.....	1.39	0.24	0.86	2.49	5
1988.....	1.38	0.26	0.90	2.54	5
1987.....	1.35	0.27	0.89	2.52	6
1986.....	1.31	0.27	0.93	2.52	6
1985.....	1.28	0.25	1.00	2.53	6
1984.....	1.27	0.24	1.01	2.52	7
1983.....	1.27	0.20	1.02	2.49	7
1982.....	1.23	0.20	0.99	2.43	7
1981.....	1.24	0.19	1.04	2.48	7
1980.....	1.22	0.18	1.06	2.45	7
1979.....	1.18	0.16	1.12	2.45	7
1978.....	1.14	0.17	1.15	2.45	7
1977.....	1.12	0.16	1.09	2.37	7
South Dakota					
2018.....	1.37	0.22	0.77	2.37	6
2017.....	1.53	0.30	1.02	2.85	2
2016.....	1.46	0.31	1.10	2.88	3
2015.....	1.49	0.29	1.03	2.81	3
2014.....	1.50	0.25	0.99	2.75	3
2013.....	1.53	0.28	1.02	2.82	2
2012.....	1.54	0.26	0.96	2.76	3
2011.....	1.52	0.28	0.97	2.77	2
2010.....	1.53	0.24	0.92	2.69	3

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.54	0.22	0.89	2.65	3
2008.....	1.57	0.22	0.87	2.66	3
2007.....	1.52	0.22	0.87	2.61	3
2006.....	1.51	0.19	0.79	2.50	4
2005.....	1.50	0.19	0.83	2.52	3
2004.....	1.51	0.18	0.76	2.45	4
2003.....	1.52	0.16	0.74	2.41	4
2002.....	1.51	0.15	0.67	2.34	4
2001.....	1.49	0.15	0.71	2.35	4
2000.....	1.46	0.15	0.69	2.30	5
1999.....	1.43	0.14	0.70	2.27	5
1998.....	1.41	0.13	0.68	2.23	5
1997.....	1.33	0.13	0.69	2.15	6
1996.....	1.33	0.13	0.68	2.15	6
1995.....	1.35	0.12	0.73	2.21	5
1994.....	1.38	0.12	0.73	2.24	5
1993.....	1.35	0.12	0.73	2.20	6
1992.....	1.37	0.15	0.74	2.26	6
1991.....	1.37	0.15	0.76	2.27	6
1990.....	1.36	0.18	0.80	2.34	6
1989.....	1.30	0.15	0.72	2.17	7
1988.....	1.25	0.16	0.79	2.21	8
1987.....	1.27	0.20	0.81	2.28	8
1986.....	1.26	0.20	0.83	2.29	8
1985.....	1.23	0.18	0.95	2.35	8
1984.....	1.28	0.17	0.90	2.35	7
1983.....	1.31	0.17	0.96	2.44	7
1982.....	1.29	0.18	0.97	2.44	7
1981.....	1.31	0.19	1.04	2.54	7
1980.....	1.30	0.18	1.07	2.56	7
1979.....	1.23	0.17	1.04	2.44	7
1978.....	1.20	0.17	1.05	2.42	7
1977.....	1.16	0.17	1.07	2.39	7
Tennessee					
2018.....	0.98	0.32	0.84	2.14	8
2017.....	0.99	0.32	0.81	2.11	9
2016.....	1.02	0.33	0.79	2.14	8
2015.....	1.04	0.27	0.76	2.06	9
2014.....	1.04	0.26	0.73	2.02	9
2013.....	1.05	0.25	0.70	2.00	9
2012.....	1.07	0.25	0.68	2.00	9
2011.....	1.13	0.24	0.66	2.04	8
2010.....	1.04	0.22	0.61	1.88	10
2009.....	1.05	0.21	0.57	1.83	10
2008.....	1.10	0.20	0.57	1.87	10
2007.....	1.13	0.20	0.56	1.90	10
2006.....	1.14	0.19	0.56	1.89	9
2005.....	1.19	0.19	0.55	1.92	9
2004.....	1.22	0.18	0.53	1.93	9
2003.....	1.27	0.18	0.52	1.96	8
2002.....	1.17	0.17	0.51	1.86	9
2001.....	1.15	0.16	0.50	1.81	9
2000.....	1.19	0.16	0.51	1.85	9
1999.....	1.19	0.15	0.49	1.83	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.19	0.15	0.50	1.84	9
1997.....	1.15	0.15	0.50	1.80	9
1996.....	1.14	0.15	0.51	1.80	9
1995.....	1.17	0.15	0.51	1.83	9
1994.....	1.18	0.15	0.53	1.86	9
1993.....	1.20	0.14	0.54	1.87	9
1992.....	1.21	0.14	0.56	1.90	9
1991.....	1.19	0.13	0.54	1.87	9
1990.....	1.22	0.14	0.60	1.96	9
1989.....	1.20	0.14	0.60	1.93	9
1988.....	1.22	0.15	0.61	1.97	9
1987.....	1.19	0.15	0.63	1.97	9
1986.....	1.18	0.16	0.63	1.98	9
1985.....	1.12	0.16	0.68	1.97	9
1984.....	1.11	0.15	0.70	1.97	9
1983.....	1.11	0.14	0.70	1.95	10
1982.....	1.13	0.14	0.70	1.97	10
1981.....	1.14	0.13	0.71	1.98	10
1980.....	1.10	0.12	0.69	1.91	9
1979.....	1.10	0.11	0.70	1.91	10
1978.....	1.12	0.10	0.70	1.93	9
1977.....	1.07	0.10	0.69	1.86	10
Texas					
2018.....	1.21	0.34	0.71	2.26	6
2017.....	1.27	0.35	0.72	2.34	6
2016.....	1.30	0.34	0.69	2.33	6
2015.....	1.28	0.33	0.67	2.28	6
2014.....	1.25	0.33	0.65	2.23	7
2013.....	1.30	0.32	0.63	2.25	7
2012.....	1.33	0.32	0.63	2.28	7
2011.....	1.35	0.31	0.61	2.27	7
2010.....	1.35	0.29	0.59	2.23	7
2009.....	1.41	0.28	0.58	2.26	7
2008.....	1.43	0.27	0.58	2.28	7
2007.....	1.41	0.27	0.56	2.24	7
2006.....	1.43	0.26	0.55	2.24	7
2005.....	1.43	0.25	0.53	2.20	7
2004.....	1.45	0.24	0.52	2.21	7
2003.....	1.46	0.23	0.51	2.19	7
2002.....	1.49	0.22	0.50	2.21	6
2001.....	1.51	0.21	0.49	2.21	6
2000.....	1.53	0.22	0.50	2.25	5
1999.....	1.54	0.20	0.49	2.23	6
1998.....	1.52	0.20	0.50	2.21	5
1997.....	1.56	0.19	0.47	2.22	5
1996.....	1.57	0.20	0.49	2.26	5
1995.....	1.58	0.19	0.50	2.27	5
1994.....	1.60	0.20	0.51	2.31	4
1993.....	1.60	0.20	0.53	2.33	4
1992.....	1.65	0.24	0.55	2.45	4
1991.....	1.60	0.25	0.55	2.40	5
1990.....	1.64	0.26	0.58	2.47	6
1989.....	1.62	0.27	0.58	2.46	5
1988.....	1.61	0.28	0.59	2.47	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.62	0.29	0.61	2.52	6
1986.....	1.67	0.31	0.65	2.63	5
1985.....	1.68	0.30	0.73	2.71	5
1984.....	1.73	0.28	0.79	2.80	4
1983.....	1.72	0.27	0.79	2.78	5
1982.....	1.83	0.18	0.84	2.84	4
1981.....	1.84	0.24	0.85	2.94	4
1980.....	1.75	0.22	0.80	2.77	6
1979.....	1.70	0.14	0.84	2.68	6
1978.....	1.64	0.14	0.82	2.60	6
1977.....	1.59	0.14	0.78	2.51	6
Utah					
2018.....	0.58	0.20	0.57	1.35	10
2017.....	0.61	0.20	0.56	1.36	10
2016.....	0.63	0.19	0.52	1.34	10
2015.....	0.65	0.20	0.54	1.40	10
2014.....	0.66	0.19	0.52	1.37	10
2013.....	0.67	0.19	0.51	1.37	10
2012.....	0.69	0.19	0.50	1.37	10
2011.....	0.68	0.18	0.49	1.36	10
2010.....	0.70	0.18	0.47	1.35	10
2009.....	0.72	0.17	0.47	1.36	10
2008.....	0.76	0.17	0.47	1.41	10
2007.....	0.77	0.16	0.44	1.38	10
2006.....	0.73	0.16	0.44	1.33	10
2005.....	0.70	0.16	0.41	1.27	10
2004.....	0.76	0.15	0.39	1.30	10
2003.....	0.76	0.14	0.39	1.30	10
2002.....	0.77	0.14	0.39	1.30	10
2001.....	0.77	0.14	0.39	1.30	10
2000.....	0.75	0.14	0.40	1.29	10
1999.....	0.74	0.13	0.38	1.25	10
1998.....	0.77	0.13	0.37	1.27	10
1997.....	0.75	0.13	0.39	1.27	10
1996.....	0.73	0.13	0.37	1.23	10
1995.....	0.71	0.11	0.37	1.19	10
1994.....	0.76	0.09	0.38	1.24	10
1993.....	0.78	0.11	0.39	1.28	10
1992.....	0.79	0.12	0.42	1.33	10
1991.....	0.80	0.12	0.43	1.34	10
1990.....	0.80	0.12	0.46	1.39	10
1989.....	0.81	0.13	0.47	1.41	10
1988.....	0.82	0.14	0.48	1.45	10
1987.....	0.84	0.15	0.49	1.49	10
1986.....	0.88	0.16	0.52	1.57	10
1985.....	0.89	0.15	0.53	1.57	10
1984.....	0.89	0.14	0.52	1.55	10
1983.....	0.89	0.14	0.51	1.54	10
1982.....	1.01	0.15	0.55	1.70	10
1981.....	1.02	0.15	0.59	1.75	10
1980.....	0.96	0.14	0.60	1.70	10
1979.....	0.94	0.15	0.59	1.68	10
1978.....	0.93	0.14	0.59	1.66	10
1977.....	0.94	0.13	0.57	1.64	10

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Vermont					
2018.....	1.53	0.78	0.76	3.06	2
2017.....	1.55	0.80	0.74	3.09	2
2016.....	1.57	0.79	0.73	3.09	2
2015.....	1.57	0.78	0.73	3.08	2
2014.....	1.56	0.78	0.72	3.06	2
2013.....	1.55	0.74	0.72	3.01	2
2012.....	1.51	0.70	0.71	2.93	2
2011.....	1.46	0.68	0.71	2.85	2
2010.....	1.44	0.64	0.71	2.80	2
2009.....	1.43	0.64	0.70	2.77	2
2008.....	1.45	0.63	0.71	2.79	2
2007.....	1.46	0.62	0.70	2.78	2
2006.....	1.45	0.60	0.69	2.73	2
2005.....	1.44	0.57	0.68	2.69	2
2004.....	1.34	0.55	0.66	2.56	3
2003.....	1.34	0.52	0.65	2.51	3
2002.....	1.34	0.51	0.63	2.48	3
2001.....	1.34	0.48	0.63	2.45	3
2000.....	1.32	0.49	0.63	2.43	3
1999.....	1.32	0.48	0.62	2.42	3
1998.....	1.31	0.46	0.62	2.39	3
1997.....	1.30	0.45	0.63	2.38	3
1996.....	1.35	0.43	0.64	2.42	3
1995.....	1.28	0.41	0.66	2.35	3
1994.....	1.34	0.42	0.74	2.50	3
1993.....	1.34	0.44	0.74	2.52	2
1992.....	1.35	0.44	0.78	2.57	3
1991.....	1.41	0.46	0.82	2.69	2
1990.....	1.47	0.48	0.85	2.80	2
1989.....	1.49	0.53	0.89	2.91	2
1988.....	1.54	0.57	0.95	3.05	2
1987.....	1.58	0.59	1.00	3.18	1
1986.....	1.57	0.60	1.06	3.22	1
1985.....	1.51	0.56	1.10	3.17	2
1984.....	1.49	0.49	1.16	3.15	2
1983.....	1.53	0.50	1.20	3.23	2
1982.....	1.48	0.50	1.24	3.22	2
1981.....	1.49	0.50	1.34	3.32	2
1980.....	1.43	0.48	1.38	3.29	2
1979.....	1.53	0.46	1.47	3.46	1
1978.....	1.50	0.46	1.56	3.52	1
1977.....	1.40	0.44	1.55	3.38	1
Virginia					
2018.....	0.94	0.49	0.70	2.13	8
2017.....	0.96	0.49	0.67	2.13	8
2016.....	1.00	0.49	0.66	2.14	8
2015.....	1.00	0.48	0.65	2.13	8
2014.....	1.01	0.47	0.63	2.11	8
2013.....	1.02	0.46	0.62	2.10	8
2012.....	1.04	0.46	0.62	2.13	8
2011.....	1.05	0.46	0.61	2.12	8
2010.....	1.08	0.44	0.60	2.12	8

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.



**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.10	0.42	0.58	2.11	8
2008.....	1.12	0.42	0.58	2.12	8
2007.....	1.13	0.41	0.57	2.10	8
2006.....	1.13	0.39	0.56	2.08	8
2005.....	1.13	0.38	0.54	2.05	8
2004.....	1.14	0.37	0.53	2.04	8
2003.....	1.14	0.36	0.52	2.02	8
2002.....	1.15	0.34	0.51	2.00	8
2001.....	1.15	0.32	0.50	1.97	8
2000.....	1.16	0.31	0.49	1.97	8
1999.....	1.18	0.32	0.48	1.97	8
1998.....	1.17	0.30	0.47	1.95	8
1997.....	1.11	0.29	0.48	1.88	8
1996.....	1.12	0.30	0.49	1.91	8
1995.....	1.15	0.29	0.50	1.94	8
1994.....	1.20	0.27	0.51	1.99	8
1993.....	1.24	0.27	0.54	2.05	8
1992.....	1.25	0.28	0.57	2.10	7
1991.....	1.20	0.28	0.58	2.06	8
1990.....	1.25	0.30	0.62	2.18	8
1989.....	1.23	0.31	0.65	2.18	7
1988.....	1.31	0.25	0.67	2.24	7
1987.....	1.39	0.25	0.70	2.35	7
1986.....	1.52	0.27	0.73	2.52	6
1985.....	1.45	0.30	0.79	2.54	6
1984.....	1.46	0.29	0.80	2.55	6
1983.....	1.47	0.27	0.82	2.56	6
1982.....	1.46	0.27	0.86	2.59	6
1981.....	1.23	0.27	0.89	2.39	7
1980.....	1.23	0.25	0.90	2.38	8
1979.....	1.21	0.25	0.90	2.36	8
1978.....	1.20	0.21	0.89	2.30	8
1977.....	1.17	0.21	0.89	2.27	7
Washington					
2018.....	0.91	0.51	0.81	2.22	7
2017.....	0.93	0.52	0.79	2.23	7
2016.....	0.96	0.52	0.78	2.26	7
2015.....	0.97	0.53	0.77	2.26	7
2014.....	0.97	0.53	0.76	2.26	7
2013.....	0.95	0.53	0.76	2.24	7
2012.....	0.96	0.53	0.76	2.26	7
2011.....	0.97	0.54	0.75	2.25	7
2010.....	1.01	0.52	0.73	2.25	7
2009.....	1.10	0.51	0.74	2.34	6
2008.....	1.11	0.50	0.75	2.37	6
2007.....	1.14	0.50	0.74	2.38	6
2006.....	1.08	0.48	0.72	2.28	6
2005.....	1.11	0.55	0.68	2.34	5
2004.....	1.11	0.53	0.66	2.30	6
2003.....	1.07	0.47	0.68	2.21	6
2002.....	1.09	0.43	0.66	2.17	7
2001.....	1.09	0.40	0.65	2.15	7
2000.....	1.11	0.41	0.66	2.18	6
1999.....	1.11	0.40	0.63	2.14	7

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.12	0.39	0.63	2.14	7
1997.....	1.09	0.42	0.63	2.15	6
1996.....	1.09	0.40	0.63	2.12	6
1995.....	1.17	0.40	0.63	2.20	6
1994.....	1.18	0.39	0.65	2.23	6
1993.....	1.19	0.39	0.69	2.27	5
1992.....	1.26	0.46	0.72	2.44	4
1991.....	1.23	0.43	0.73	2.39	5
1990.....	1.27	0.46	0.76	2.49	5
1989.....	1.25	0.47	0.76	2.47	5
1988.....	1.23	0.50	0.77	2.51	6
1987.....	1.24	0.56	0.79	2.59	5
1986.....	1.23	0.61	0.82	2.66	5
1985.....	1.21	0.59	0.87	2.67	5
1984.....	1.23	0.57	0.91	2.70	5
1983.....	1.29	0.54	0.94	2.76	5
1982.....	1.32	0.52	0.98	2.83	5
1981.....	1.38	0.54	1.04	2.96	4
1980.....	1.51	0.51	1.08	3.10	4
1979.....	1.39	0.47	1.08	2.94	4
1978.....	1.36	0.47	1.07	2.91	4
1977.....	1.34	0.45	1.06	2.85	4
West Virginia					
2018.....	1.15	0.11	0.47	1.74	10
2017.....	1.17	0.11	0.46	1.74	10
2016.....	1.19	0.11	0.46	1.76	10
2015.....	1.21	0.11	0.47	1.78	10
2014.....	1.21	0.10	0.47	1.78	10
2013.....	1.24	0.10	0.46	1.80	10
2012.....	1.24	0.10	0.47	1.80	10
2011.....	1.22	0.10	0.46	1.78	10
2010.....	1.23	0.10	0.44	1.78	10
2009.....	1.23	0.10	0.44	1.77	10
2008.....	1.25	0.10	0.43	1.79	10
2007.....	1.23	0.10	0.42	1.75	10
2006.....	1.21	0.10	0.41	1.72	10
2005.....	1.23	0.10	0.40	1.73	10
2004.....	1.25	0.10	0.39	1.75	10
2003.....	1.23	0.10	0.38	1.72	10
2002.....	1.26	0.10	0.38	1.74	10
2001.....	1.25	0.10	0.37	1.72	10
2000.....	1.24	0.10	0.36	1.70	10
1999.....	1.22	0.10	0.37	1.69	10
1998.....	1.18	0.09	0.36	1.64	10
1997.....	1.12	0.09	0.37	1.58	10
1996.....	1.12	0.09	0.37	1.58	10
1995.....	1.12	0.08	0.38	1.58	10
1994.....	1.17	0.08	0.39	1.64	10
1993.....	1.18	0.08	0.40	1.67	10
1992.....	1.16	0.09	0.41	1.66	10
1991.....	1.18	0.09	0.43	1.70	10
1990.....	1.20	0.10	0.42	1.72	10
1989.....	1.15	0.11	0.39	1.65	10
1988.....	1.15	0.12	0.41	1.68	10

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1987.....	1.13	0.13	0.41	1.68	10
1986.....	1.12	0.13	0.42	1.67	10
1985.....	1.13	0.13	0.42	1.69	10
1984.....	1.13	0.12	0.45	1.70	10
1983.....	1.14	0.13	0.49	1.76	10
1982.....	1.11	0.14	0.55	1.80	10
1981.....	1.05	0.14	0.65	1.85	10
1980.....	1.00	0.09	0.72	1.81	10
1979.....	0.94	0.09	0.75	1.77	10
1978.....	0.93	0.09	0.76	1.78	10
1977.....	0.95	0.09	0.76	1.80	10
Wisconsin					
2018.....	1.29	0.39	1.25	2.93	2
2017.....	1.33	0.40	1.26	2.99	2
2016.....	1.36	0.40	1.22	2.99	2
2015.....	1.39	0.39	1.20	2.98	2
2014.....	1.42	0.38	1.18	2.98	2
2013.....	1.45	0.38	1.17	3.00	2
2012.....	1.46	0.37	1.19	3.02	2
2011.....	1.46	0.37	1.16	2.99	2
2010.....	1.49	0.32	1.13	2.94	2
2009.....	1.49	0.31	1.16	2.96	2
2008.....	1.55	0.34	1.13	3.01	1
2007.....	1.56	0.33	1.11	3.00	1
2006.....	1.58	0.32	1.09	2.99	1
2005.....	1.58	0.31	1.07	2.95	1
2004.....	1.53	0.30	1.02	2.85	1
2003.....	1.53	0.29	1.00	2.82	2
2002.....	1.56	0.28	0.98	2.82	2
2001.....	1.54	0.26	0.95	2.75	2
2000.....	1.53	0.27	0.95	2.76	1
1999.....	1.53	0.26	0.92	2.72	2
1998.....	1.58	0.26	0.90	2.74	1
1997.....	1.57	0.25	0.89	2.71	1
1996.....	1.53	0.24	0.88	2.65	1
1995.....	1.64	0.23	0.87	2.73	1
1994.....	1.58	0.22	0.91	2.72	2
1993.....	1.59	0.22	0.89	2.71	1
1992.....	1.59	0.25	0.90	2.74	2
1991.....	1.65	0.27	0.84	2.76	1
1990.....	1.74	0.31	1.03	3.07	1
1989.....	1.72	0.31	0.96	2.99	1
1988.....	1.76	0.33	0.95	3.05	2
1987.....	1.80	0.36	0.98	3.14	2
1986.....	1.88	0.34	0.96	3.18	2
1985.....	1.83	0.32	1.06	3.20	1
1984.....	1.87	0.31	1.03	3.21	1
1983.....	1.94	0.34	1.07	3.35	2
1982.....	1.95	0.30	1.05	3.30	2
1981.....	1.96	0.32	1.21	3.48	1
1980.....	1.95	0.31	1.19	3.45	1
1979.....	1.92	0.28	1.19	3.39	2
1978.....	1.83	0.28	1.20	3.31	2
1977.....	1.81	0.27	1.28	3.37	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Wyoming					
2018.....	1.22	0.32	1.24	2.78	3
2017.....	1.17	0.32	1.19	2.68	4
2016.....	1.18	0.32	1.17	2.68	4
2015.....	1.25	0.31	1.18	2.74	3
2014.....	1.26	0.31	1.16	2.73	3
2013.....	1.25	0.29	1.13	2.67	4
2012.....	1.32	0.28	1.13	2.73	3
2011.....	1.29	0.27	1.10	2.66	3
2010.....	1.33	0.27	1.06	2.66	3
2009.....	1.40	0.27	1.06	2.73	2
2008.....	1.50	0.27	1.09	2.87	2
2007.....	1.46	0.27	1.07	2.80	2
2006.....	1.44	0.26	1.03	2.72	2
2005.....	1.20	0.25	0.96	2.41	5
2004.....	1.42	0.24	0.92	2.58	2
2003.....	1.70	0.23	0.90	2.84	1
2002.....	1.46	0.23	0.88	2.57	2
2001.....	1.44	0.22	0.88	2.53	2
2000.....	1.42	0.22	0.86	2.50	3
1999.....	1.41	0.22	0.84	2.47	2
1998.....	1.37	0.17	0.81	2.36	3
1997.....	1.42	0.17	0.81	2.40	3
1996.....	1.35	0.17	0.81	2.33	4
1995.....	1.34	0.16	0.80	2.29	4
1994.....	1.42	0.18	0.83	2.43	3
1993.....	1.40	0.19	0.86	2.45	3
1992.....	1.44	0.20	0.91	2.56	3
1991.....	1.45	0.20	0.90	2.56	3
1990.....	1.48	0.22	0.93	2.63	3
1989.....	1.41	0.23	0.86	2.50	5
1988.....	1.45	0.24	0.87	2.56	5
1987.....	1.51	0.25	0.90	2.66	5
1986.....	1.51	0.27	0.96	2.73	4
1985.....	1.59	0.25	1.05	2.89	3
1984.....	1.61	0.23	1.06	2.89	4
1983.....	1.68	0.22	1.11	3.01	4
1982.....	1.78	0.24	1.20	3.22	3
1981.....	1.91	0.24	1.27	3.43	2
1980.....	1.85	0.24	1.32	3.41	2
1979.....	1.86	0.22	1.30	3.39	2
1978.....	1.81	0.22	1.35	3.38	2
1977.....	1.78	0.20	1.31	3.29	2
Northeast region					
2018.....	1.00	0.51	0.90	2.41	
2017.....	1.02	0.53	0.88	2.42	
2016.....	1.03	0.52	0.87	2.42	
2015.....	1.04	0.51	0.85	2.40	
2014.....	1.03	0.53	0.84	2.40	
2013.....	1.06	0.52	0.83	2.40	
2012.....	1.06	0.51	0.82	2.39	
2011.....	1.05	0.50	0.80	2.36	
2010.....	1.06	0.49	0.78	2.33	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
2009.....	1.07	0.48	0.77	2.31	
2008.....	1.09	0.47	0.76	2.31	
2007.....	1.09	0.47	0.75	2.31	
2006.....	1.07	0.45	0.73	2.25	
2005.....	1.07	0.44	0.72	2.22	
2004.....	1.07	0.43	0.70	2.20	
2003.....	1.08	0.41	0.68	2.17	
2002.....	1.10	0.40	0.66	2.16	
2001.....	1.10	0.38	0.64	2.13	
2000.....	1.08	0.38	0.66	2.12	
1999.....	1.07	0.38	0.63	2.08	
1998.....	1.07	0.37	0.61	2.05	
1997.....	1.07	0.36	0.63	2.06	
1996.....	1.07	0.35	0.64	2.06	
1995.....	1.11	0.35	0.64	2.11	
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	2.51	
1987.....	1.25	0.43	0.91	2.59	
1986.....	1.24	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	1.06	2.80	
1981.....	1.31	0.42	1.07	2.80	
1980.....	1.33	0.40	1.09	2.83	
1979.....	1.29	0.38	1.09	2.76	
1978.....	1.26	0.36	1.10	2.73	
1977.....	1.25	0.34	1.10	2.69	
Midwest region					
2018.....	1.10	0.36	0.91	2.37	
2017.....	1.12	0.36	0.90	2.38	
2016.....	1.14	0.35	0.87	2.37	
2015.....	1.15	0.35	0.86	2.36	
2014.....	1.16	0.34	0.84	2.35	
2013.....	1.17	0.34	0.83	2.34	
2012.....	1.20	0.33	0.82	2.35	
2011.....	1.20	0.32	0.79	2.31	
2010.....	1.23	0.30	0.77	2.30	
2009.....	1.25	0.30	0.76	2.32	
2008.....	1.27	0.29	0.76	2.33	
2007.....	1.28	0.30	0.74	2.32	
2006.....	1.27	0.28	0.72	2.27	
2005.....	1.27	0.27	0.71	2.25	
2004.....	1.28	0.26	0.68	2.22	
2003.....	1.28	0.26	0.68	2.23	
2002.....	1.30	0.25	0.64	2.19	
2001.....	1.29	0.23	0.65	2.17	
2000.....	1.29	0.24	0.63	2.16	
1999.....	1.29	0.24	0.63	2.15	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.28	0.23	0.63	2.14	
1997.....	1.26	0.23	0.62	2.11	
1996.....	1.28	0.23	0.62	2.12	
1995.....	1.29	0.22	0.62	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.....	1.36	0.26	0.72	2.35	
1988.....	1.38	0.29	0.75	2.41	
1987.....	1.38	0.30	0.77	2.45	
1986.....	1.38	0.30	0.78	2.46	
1985.....	1.37	0.28	0.84	2.49	
1984.....	1.40	0.27	0.84	2.52	
1983.....	1.42	0.25	0.87	2.54	
1982.....	1.42	0.27	0.88	2.57	
1981.....	1.42	0.26	0.93	2.61	
1980.....	1.42	0.24	0.96	2.63	
1979.....	1.40	0.23	0.95	2.58	
1978.....	1.35	0.22	0.95	2.52	
1977.....	1.32	0.21	0.96	2.49	
South region					
2018.....	1.06	0.37	0.81	2.23	
2017.....	1.09	0.37	0.80	2.26	
2016.....	1.11	0.37	0.79	2.27	
2015.....	1.12	0.36	0.77	2.24	
2014.....	1.11	0.35	0.75	2.22	
2013.....	1.16	0.34	0.74	2.24	
2012.....	1.18	0.34	0.73	2.25	
2011.....	1.16	0.33	0.71	2.21	
2010.....	1.17	0.32	0.70	2.19	
2009.....	1.21	0.31	0.69	2.21	
2008.....	1.25	0.31	0.68	2.23	
2007.....	1.26	0.31	0.68	2.24	
2006.....	1.27	0.30	0.67	2.23	
2005.....	1.26	0.29	0.65	2.20	
2004.....	1.27	0.29	0.64	2.19	
2003.....	1.27	0.27	0.64	2.18	
2002.....	1.28	0.26	0.62	2.16	
2001.....	1.29	0.25	0.60	2.14	
2000.....	1.30	0.25	0.61	2.17	
1999.....	1.30	0.25	0.60	2.15	
1998.....	1.30	0.24	0.60	2.13	
1997.....	1.30	0.23	0.60	2.13	
1996.....	1.30	0.23	0.61	2.15	
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	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1989.....	1.33	0.26	0.74	2.33	
1988.....	1.34	0.27	0.74	2.35	
1987.....	1.34	0.27	0.77	2.39	
1986.....	1.36	0.28	0.79	2.43	
1985.....	1.34	0.27	0.86	2.47	
1984.....	1.34	0.27	0.90	2.51	
1983.....	1.36	0.25	0.91	2.52	
1982.....	1.37	0.23	0.94	2.54	
1981.....	1.36	0.24	0.98	2.58	
1980.....	1.30	0.23	0.97	2.50	
1979.....	1.27	0.20	0.99	2.46	
1978.....	1.25	0.19	1.00	2.44	
1977.....	1.21	0.19	0.98	2.37	
West region					
2018.....	1.03	0.56	0.91	2.50	
2017.....	1.01	0.54	0.85	2.41	
2016.....	1.03	0.55	0.84	2.43	
2015.....	1.05	0.52	0.82	2.38	
2014.....	1.06	0.55	0.80	2.42	
2013.....	1.05	0.55	0.81	2.41	
2012.....	1.05	0.57	0.81	2.43	
2011.....	1.04	0.54	0.78	2.36	
2010.....	1.06	0.48	0.76	2.31	
2009.....	1.11	0.52	0.76	2.38	
2008.....	1.15	0.51	0.76	2.42	
2007.....	1.17	0.49	0.76	2.42	
2006.....	1.13	0.51	0.76	2.40	
2005.....	1.14	0.50	0.73	2.36	
2004.....	1.17	0.48	0.71	2.35	
2003.....	1.17	0.46	0.69	2.32	
2002.....	1.18	0.44	0.68	2.30	
2001.....	1.19	0.43	0.68	2.30	
2000.....	1.21	0.43	0.68	2.32	
1999.....	1.20	0.43	0.65	2.29	
1998.....	1.19	0.43	0.64	2.26	
1997.....	1.20	0.44	0.65	2.30	
1996.....	1.22	0.43	0.67	2.32	
1995.....	1.23	0.40	0.66	2.29	
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.....	1.35	0.51	0.84	2.69	
1988.....	1.36	0.56	0.86	2.79	
1987.....	1.38	0.62	0.89	2.89	
1986.....	1.39	0.65	0.92	2.96	
1985.....	1.37	0.65	0.99	3.01	
1984.....	1.40	0.61	1.03	3.04	
1983.....	1.42	0.61	1.07	3.10	
1982.....	1.44	0.59	1.10	3.13	
1981.....	1.49	0.60	1.16	3.24	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.

**Table 4.** Per capita ethanol consumption for States, census regions, and the United States, 1977–2018. (Gallons of ethanol, based on population ages 14 and older.) (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1980.....	1.47	0.59	1.19	3.24	
1979.....	1.45	0.56	1.20	3.22	
1978.....	1.39	0.55	1.23	3.18	
1977.....	1.35	0.53	1.20	3.08	
U.S. total					
2018.....	1.05	0.44	0.87	2.35	
2017.....	1.06	0.44	0.85	2.35	
2016.....	1.08	0.44	0.83	2.35	
2015.....	1.09	0.42	0.81	2.33	
2014.....	1.10	0.43	0.80	2.32	
2013.....	1.12	0.42	0.79	2.33	
2012.....	1.13	0.42	0.78	2.34	
2011.....	1.12	0.41	0.76	2.29	
2010.....	1.14	0.38	0.74	2.26	
2009.....	1.17	0.39	0.73	2.29	
2008.....	1.20	0.38	0.73	2.31	
2007.....	1.21	0.38	0.72	2.31	
2006.....	1.20	0.37	0.71	2.28	
2005.....	1.20	0.36	0.70	2.25	
2004.....	1.21	0.35	0.68	2.24	
2003.....	1.21	0.34	0.67	2.22	
2002.....	1.23	0.33	0.64	2.20	
2001.....	1.23	0.31	0.64	2.18	
2000.....	1.23	0.31	0.64	2.19	
1999.....	1.23	0.31	0.63	2.17	
1998.....	1.22	0.30	0.62	2.15	
1997.....	1.22	0.30	0.62	2.15	
1996.....	1.23	0.30	0.63	2.16	
1995.....	1.24	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.....	1.32	0.34	0.78	2.43	
1988.....	1.33	0.36	0.79	2.49	
1987.....	1.34	0.38	0.83	2.55	
1986.....	1.35	0.39	0.84	2.58	
1985.....	1.33	0.38	0.91	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.....	1.37	0.34	1.04	2.75	
1979.....	1.34	0.31	1.04	2.70	
1978.....	1.30	0.30	1.05	2.66	
1977.....	1.27	0.29	1.04	2.60	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum because of rounding.