

**Table 2-1.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to drinking status<sup>1</sup> in the past year, United States, 1992.

Drinking status and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Current drinker</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.4	0.5	5.2	0.7	3.2	0.6	--	--	4.4	0.8	6.6	1.3	--	--
Emphysema .....	5.0	0.6	6.1	0.9	3.2	0.8	--	--	1.7	0.7	5.8	1.4	29.9	4.7
Arthritis, osteoporosis or any other joint or bone disease .....	87.2	2.5	73.1	2.9	108.7	4.3	26.9	4.0	50.3	2.5	139.5	6.0	273.7	11.4
Vitamin deficiencies or anemia .....	19.0	1.1	5.9	0.8	39.0	2.4	26.6	3.2	19.9	1.5	13.1	2.2	15.6	3.0
Cancer .....	10.2	0.8	8.9	1.1	12.2	1.4	--	--	4.1	0.7	15.7	2.1	45.8	5.2
Diabetes .....	8.5	0.8	8.7	1.1	8.0	1.1	--	--	3.9	0.7	15.2	2.4	27.3	4.2
Convulsions or epilepsy .....	1.5	0.4	1.1	0.5	2.2	0.6	--	--	1.7	0.6	1.9	0.6	--	--
Stomach ulcer .....	26.2	1.3	23.7	1.7	29.9	2.1	29.7	3.6	24.4	1.9	28.0	3.0	25.8	3.8
Gastritis .....	19.6	1.2	15.2	1.3	26.3	2.1	14.1	2.7	18.9	1.5	23.1	2.4	24.8	4.1
Ulcer, gastritis, or other stomach disease .....	41.9	1.7	35.8	2.1	51.2	2.8	41.4	4.5	39.4	2.3	46.3	3.6	45.9	5.3
High blood cholesterol, high blood fat, or high lipid content .....	32.4	1.6	32.3	2.1	32.4	2.3	5.6	1.6	18.7	1.6	63.5	4.4	79.2	6.8
Hardening of the arteries or arteriosclerosis .....	3.6	0.4	4.2	0.6	2.6	0.5	--	--	--	--	5.4	1.1	23.3	3.6
High blood pressure .....	45.9	2.0	46.7	2.7	44.7	2.6	21.3	4.4	24.6	1.9	77.4	4.9	131.2	8.5
Chest pain or angina pectoris .....	25.3	1.4	25.7	1.9	24.7	1.8	15.2	2.8	21.5	1.8	32.3	3.2	47.5	5.5
Rapid heart beat or tachycardia .....	19.4	1.2	14.8	1.4	26.5	2.0	10.2	2.2	16.9	1.5	23.9	2.8	38.9	4.6
Heart attack or myocardial infarction .....	4.9	0.5	6.2	0.8	2.9	0.6	--	--	1.6	0.4	8.4	1.6	23.7	4.0
Stroke or cerebrovascular accident .....	3.3	0.4	3.9	0.6	2.3	0.5	--	--	--	--	5.4	1.2	18.9	3.6
Any of the above circulatory diseases .....	101.0	3.0	99.6	3.8	103.1	3.8	46.0	5.5	65.8	3.0	156.1	6.7	259.9	11.3
Any of the above diseases .....	153.2	3.2	125.8	4.0	194.8	5.0	92.6	6.2	107.8	3.6	213.0	7.4	370.1	12.3
<b>Former drinker</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	6.6	1.0	5.7	1.2	7.5	1.5	--	--	5.1	1.2	9.0	2.3	8.8	2.0
Emphysema .....	16.2	1.6	20.0	2.5	12.4	1.7	--	--	--	--	21.1	3.6	54.8	6.1
Arthritis, osteoporosis or any other joint or bone disease .....	169.1	4.8	146.4	6.5	191.8	7.1	32.9	8.6	79.5	4.8	222.0	9.9	368.6	12.8
Vitamin deficiencies or anemia .....	32.9	2.3	11.2	1.9	54.6	4.0	46.2	9.3	37.8	3.3	29.9	4.4	19.4	3.2
Cancer .....	20.8	1.7	24.7	2.7	16.8	2.1	--	--	7.1	1.7	21.3	3.0	61.6	7.2
Diabetes .....	34.8	2.2	36.5	3.1	33.1	3.3	--	--	17.2	2.2	47.3	5.0	71.8	7.1
Convulsions or epilepsy .....	3.0	0.6	3.5	1.0	2.6	0.7	--	--	4.9	1.2	--	--	--	--
Stomach ulcer .....	41.6	2.6	44.1	3.8	39.2	2.9	29.4	6.7	41.1	3.6	36.9	4.4	56.6	6.6
Gastritis .....	35.8	2.2	25.8	2.9	45.9	3.5	20.7	6.3	28.3	2.8	45.4	4.9	45.6	5.1
Ulcer, gastritis, or other stomach disease .....	69.4	3.2	62.8	4.5	76.0	4.3	46.6	8.7	61.8	4.3	73.4	6.5	92.3	7.6
High blood cholesterol, high blood fat, or high lipid content .....	55.3	2.7	54.7	3.9	56.0	3.7	--	--	27.5	2.9	82.1	6.3	101.9	8.0
Hardening of the arteries or arteriosclerosis .....	14.3	1.4	19.6	2.5	9.0	1.3	--	--	--	--	18.1	3.0	47.8	6.1
High blood pressure .....	81.9	3.3	79.9	4.5	84.0	4.4	35.6	7.3	35.5	3.3	109.8	7.2	173.9	9.8
Chest pain or angina pectoris .....	54.3	2.8	56.8	4.3	51.9	3.4	22.1	5.7	28.7	3.0	72.9	6.0	102.3	8.1
Rapid heart beat or tachycardia .....	37.2	2.2	31.6	3.2	42.8	2.9	18.8	5.5	25.6	2.7	42.6	4.2	65.8	6.3
Heart attack or myocardial infarction .....	14.8	1.3	17.8	2.1	11.8	1.8	--	--	--	--	21.2	3.1	42.3	4.9
Stroke or cerebrovascular accident .....	10.2	1.3	15.2	2.4	5.2	0.9	--	--	--	--	12.0	2.6	36.0	5.8
Any of the above circulatory diseases .....	177.4	4.7	179.5	6.9	175.3	5.9	63.4	9.8	94.3	5.3	230.9	9.3	349.5	12.5
Any of the above diseases .....	272.1	5.7	239.5	7.6	304.7	8.3	119.3	14.0	173.8	6.9	323.0	10.7	504.8	13.0

See footnotes at end of table.

**Table 2-1.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to drinking status<sup>1</sup> in the past year, United States, 1992. (Continued)

Drinking status and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Lifetime abstainer</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.6	0.7	3.3	0.9	5.2	0.8	--	--	3.0	0.7	4.1	1.0	8.8	2.0
Emphysema .....	6.6	0.7	6.6	1.4	6.6	0.8	--	--	--	--	9.1	1.6	15.3	1.9
Arthritis, osteoporosis or any other joint or bone disease .....	157.0	3.5	81.8	4.7	190.1	4.3	15.8	2.8	50.0	3.6	191.2	7.3	357.6	8.4
Vitamin deficiencies or anemia .....	29.9	1.6	5.3	1.1	40.7	2.2	34.9	4.3	31.9	2.8	29.7	3.4	24.1	2.4
Cancer .....	13.9	1.1	13.8	2.0	14.0	1.2	--	--	2.2	0.6	16.1	2.2	35.5	3.5
Diabetes .....	32.9	1.8	28.2	3.3	35.0	2.1	6.0	2.3	13.3	1.9	45.9	4.5	63.4	4.1
Convulsions or epilepsy .....	3.7	0.5	5.9	1.3	2.7	0.5	4.8	1.6	4.2	0.9	3.8	1.1	--	--
Stomach ulcer .....	35.2	1.7	28.6	3.1	38.1	2.0	21.2	3.7	29.7	2.9	46.3	4.5	40.2	3.1
Gastritis .....	25.6	1.5	17.4	2.2	29.2	1.9	7.6	2.0	20.6	2.5	31.0	3.1	38.1	3.3
Ulcer, gastritis, or other stomach disease .....	54.3	2.1	41.5	3.5	59.9	2.6	25.9	3.9	45.1	3.5	68.6	5.2	69.7	4.2
High blood cholesterol, high blood fat, or high lipid content .....	44.9	2.2	26.6	3.0	53.0	2.6	6.4	1.9	20.8	2.4	64.8	5.7	81.7	5.0
Hardening of the arteries or arteriosclerosis .....	10.4	0.8	10.1	1.9	10.6	0.9	--	--	--	--	5.9	1.3	34.4	3.1
High blood pressure .....	91.3	3.4	64.1	4.3	103.3	4.0	22.2	3.3	36.6	3.0	116.5	6.9	184.2	8.0
Chest pain or angina pectoris .....	42.6	2.0	30.2	2.9	48.1	2.4	13.1	2.8	24.3	2.5	51.6	4.7	76.9	4.2
Rapid heart beat or tachycardia .....	34.1	1.6	18.6	2.6	40.9	2.1	15.5	2.9	18.9	2.1	42.7	3.7	57.8	4.2
Heart attack or myocardial infarction .....	12.0	1.1	12.3	1.9	11.8	1.3	--	--	--	--	15.2	2.6	30.3	3.1
Stroke or cerebrovascular accident .....	9.4	0.9	11.9	1.8	8.4	1.0	--	--	--	--	7.4	2.1	29.4	2.7
Any of the above circulatory diseases .....	167.9	4.1	120.8	5.8	188.7	5.1	48.0	4.8	84.0	4.5	208.3	9.4	316.9	8.8
Any of the above diseases .....	240.9	4.4	157.7	6.9	277.7	5.1	81.3	6.3	128.5	5.4	287.9	9.1	447.6	9.1

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks in the past year. **Former drinker:** 12 or more drinks in any one year, but not in the past year. **Lifetime abstainer:** never had 12 or more drinks in any year of life.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-2.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to usual drinking level<sup>1</sup> in the past year among current drinkers,<sup>2</sup> United States, 1992.

Usual drinking level and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Light drinker</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.2	0.7	3.7	1.1	2.7	0.8	--	--	2.8	0.8	--	--	--	--
Emphysema .....	3.8	0.7	5.4	1.4	2.1	0.6	--	--	--	--	--	--	28.8	7.2
Arthritis, osteoporosis or any other joint or bone disease .....	93.5	4.0	77.6	5.0	110.0	5.7	23.8	5.7	58.6	4.1	140.2	9.1	296.8	18.3
Vitamin deficiencies or anemia .....	22.0	1.8	5.6	1.4	38.9	3.2	29.4	5.2	25.6	2.6	11.4	2.8	16.4	4.7
Cancer .....	8.9	1.1	7.5	1.4	10.3	1.7	--	--	5.2	1.1	12.5	3.1	34.6	6.5
Diabetes .....	7.7	1.2	9.0	2.0	6.3	1.1	--	--	3.2	0.8	13.3	3.7	30.5	6.8
Convulsions or epilepsy .....	1.4	0.5	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.1	1.9	18.3	2.4	32.2	2.9	30.5	5.8	22.3	2.3	29.4	4.6	21.6	5.1
Gastritis .....	21.1	1.8	15.7	2.3	26.6	2.8	8.9	2.4	21.1	2.5	24.7	3.7	31.7	7.8
Ulcer, gastritis, or other stomach disease .....	42.0	2.5	31.7	3.2	52.6	3.9	36.6	6.1	39.1	3.2	49.2	5.9	48.6	9.1
High blood cholesterol, high blood fat, or high lipid content .....	34.2	2.4	34.3	3.6	34.0	3.0	--	--	20.7	2.5	65.5	6.9	73.8	9.8
Hardening of the arteries or arteriosclerosis .....	3.1	0.7	4.1	1.1	2.0	0.7	--	--	--	--	5.0	1.7	20.3	5.9
High blood pressure .....	43.9	2.7	43.6	4.1	44.2	3.5	16.8	4.4	23.7	2.6	77.2	7.5	121.7	13.3
Chest pain or angina pectoris .....	25.3	2.0	25.4	3.0	25.1	2.6	14.3	4.5	20.7	2.3	31.2	4.8	55.4	8.7
Rapid heart beat or tachycardia .....	20.3	1.8	15.1	2.3	25.7	2.7	12.7	3.4	16.9	2.3	24.7	4.1	41.7	7.5
Heart attack or myocardial infarction .....	5.0	0.8	7.0	1.5	2.8	0.7	--	--	--	--	5.7	1.7	29.0	6.6
Stroke or cerebrovascular accident .....	2.6	0.6	3.9	1.0	--	--	--	--	--	--	--	--	14.1	4.4
Any of the above circulatory diseases .....	100.4	4.0	97.3	5.9	103.7	5.2	37.5	6.8	66.3	4.2	158.2	10.1	256.8	17.0
Any of the above diseases .....	159.1	4.7	123.9	6.1	195.5	6.8	83.1	8.7	120.1	5.3	210.2	11.3	386.1	19.8
<u>Moderate drinker</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.4	0.8	4.3	1.1	--	--	--	--	4.1	1.3	--	--	--	--
Emphysema .....	4.4	1.0	3.9	1.1	5.2	2.1	--	--	--	--	7.1	3.1	26.3	7.6
Arthritis, osteoporosis or any other joint or bone disease .....	78.0	3.4	68.4	4.3	95.0	5.6	25.3	5.5	43.2	3.4	134.2	9.3	257.9	16.7
Vitamin deficiencies or anemia .....	17.3	1.7	5.8	1.3	37.7	4.0	26.8	5.0	15.9	2.0	12.8	4.2	17.8	4.8
Cancer .....	8.8	1.3	7.8	1.8	10.6	1.9	--	--	2.8	0.9	12.8	3.3	48.0	8.9
Diabetes .....	8.4	1.2	8.6	1.6	8.2	2.1	--	--	3.8	1.1	17.8	4.0	26.4	7.6
Convulsions or epilepsy .....	1.3	0.4	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	22.4	2.0	21.0	2.7	24.8	3.0	20.2	4.1	21.3	2.9	26.0	4.6	25.0	5.9
Gastritis .....	18.5	1.7	15.1	2.0	24.4	3.3	15.5	4.5	17.1	2.2	24.1	4.8	18.7	5.1
Ulcer, gastritis, or other stomach disease .....	37.1	2.5	32.7	3.1	45.0	4.2	32.9	5.9	35.3	3.5	44.6	5.8	38.7	7.4
High blood cholesterol, high blood fat, or high lipid content .....	27.8	2.1	28.6	2.8	26.3	2.8	--	--	17.8	2.4	50.5	6.0	81.3	10.8
Hardening of the arteries or arteriosclerosis .....	4.6	0.7	5.7	1.1	2.8	0.8	--	--	--	--	7.0	2.0	33.0	6.4
High blood pressure .....	43.2	3.0	44.6	4.2	40.5	3.6	22.5	8.8	25.2	3.1	66.0	6.9	137.8	14.2
Chest pain or angina pectoris .....	22.9	2.1	22.2	2.8	24.1	2.9	11.7	3.7	21.3	2.8	27.8	4.8	42.7	8.1
Rapid heart beat or tachycardia .....	19.0	1.9	13.1	1.9	29.3	3.4	10.2	3.5	17.7	2.3	21.5	4.2	38.1	8.2
Heart attack or myocardial infarction .....	4.0	0.9	4.9	1.1	--	--	--	--	--	--	7.4	2.6	21.7	7.0
Stroke or cerebrovascular accident .....	3.2	0.7	3.5	0.9	--	--	--	--	--	--	7.0	2.4	19.9	5.2
Any of the above circulatory diseases .....	94.7	4.2	93.8	5.7	96.3	5.5	48.2	10.0	64.1	4.6	140.1	10.4	263.2	19.1
Any of the above diseases .....	136.7	4.6	115.9	5.8	173.5	7.3	86.9	9.1	92.6	5.1	201.5	11.2	347.1	18.4

See footnotes at end of table.

**Table 2-2.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to usual drinking level<sup>1</sup> in the past year among current drinkers,<sup>2</sup> United States, 1992. (Continued)

Usual drinking level and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Heavier drinker</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	9.8	1.8	9.2	2.0	11.7	4.1	--	--	10.3	2.9	16.0	4.3	--	--
Emphysema .....	9.3	2.3	11.3	3.0	--	--	--	--	--	--	9.9	3.2	38.5	11.4
Arthritis, osteoporosis or any other joint or bone disease .....	90.3	5.8	75.1	6.2	140.3	15.3	33.1	9.5	46.7	6.4	141.0	12.9	254.4	24.2
Vitamin deficiencies or anemia .....	14.8	2.5	6.3	1.7	42.9	8.2	16.8	6.8	12.8	3.3	18.4	5.5	--	--
Cancer .....	17.3	2.6	13.9	2.7	28.3	7.4	--	--	--	--	29.5	6.8	69.2	15.8
Diabetes .....	10.7	2.1	8.6	2.0	17.5	5.9	--	--	--	--	16.1	4.8	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	37.1	4.3	37.8	4.7	34.8	7.5	48.2	10.5	39.2	6.6	28.1	5.8	31.5	9.8
Gastritis .....	18.7	2.8	15.0	3.0	31.1	7.0	21.6	8.1	18.3	4.1	17.1	4.9	--	--
Ulcer, gastritis, or other stomach disease .....	52.4	4.9	49.0	5.4	63.6	9.8	68.8	13.3	52.7	7.3	42.6	7.3	46.9	11.4
High blood cholesterol, high blood fat, or high lipid content .....	39.3	4.4	36.8	4.3	47.6	10.2	--	--	16.0	3.5	83.4	11.2	89.2	21.1
Hardening of the arteries or arteriosclerosis .....	2.7	0.9	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	55.8	4.8	55.0	4.8	58.5	11.2	27.2	9.0	25.9	4.4	96.7	11.8	132.8	20.1
Chest pain or angina pectoris .....	30.1	3.9	31.1	4.7	27.0	6.4	23.8	7.4	24.7	5.9	40.1	7.6	39.4	12.1
Rapid heart beat or tachycardia .....	17.8	2.5	17.0	3.0	20.4	4.8	--	--	13.1	3.2	26.7	6.3	37.1	9.0
Heart attack or myocardial infarction .....	6.5	1.6	7.1	2.0	--	--	--	--	--	--	15.4	5.2	--	--
Stroke or cerebrovascular accident .....	5.3	1.5	4.8	1.7	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	115.8	7.4	113.7	7.8	122.7	14.0	57.5	11.6	69.8	7.8	179.6	15.0	257.7	28.4
Any of the above diseases .....	174.3	8.3	149.0	8.9	257.3	19.1	118.8	16.4	114.9	11.3	236.8	17.2	374.3	27.1

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Light drinker:** fewer than 3 drinks per week on average. **Moderate drinker:** 3 to fewer than 14 drinks per week on average. **Heavier drinker:** 2 or more drinks per day on average.

<sup>2</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-3.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to usual/heaviest drinking level<sup>1</sup> in the past year among current drinkers,<sup>2</sup> United States, 1992.

Usual/heaviest drinking level and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Light drinker</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.0	0.7	3.4	1.1	2.5	0.8	--	--	2.5	0.8	--	--	--	--
Emphysema .....	3.9	0.8	5.4	1.4	2.3	0.6	--	--	--	--	--	--	30.3	7.6
Arthritis, osteoporosis or any other joint or bone disease .....	95.9	4.2	79.2	5.3	113.2	6.0	25.9	6.3	60.0	4.5	140.3	9.3	297.7	19.0
Vitamin deficiencies or anemia .....	21.5	1.8	5.6	1.4	37.8	3.3	27.7	5.3	25.1	2.7	12.2	3.0	15.8	4.8
Cancer .....	9.4	1.2	7.9	1.6	11.0	1.8	--	--	5.6	1.2	13.4	3.3	34.2	6.6
Diabetes .....	8.3	1.3	9.9	2.2	6.6	1.2	--	--	3.5	0.9	13.7	3.9	32.1	7.2
Convulsions or epilepsy .....	1.4	0.5	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.5	2.0	18.5	2.6	32.7	3.0	29.4	6.3	23.4	2.5	30.1	4.8	19.0	4.7
Gastritis .....	21.4	1.9	15.9	2.4	27.1	2.9	10.0	2.7	20.3	2.5	26.0	3.9	33.4	8.2
Ulcer, gastritis, or other stomach disease .....	42.6	2.6	31.8	3.4	53.7	4.0	36.2	6.7	39.4	3.3	51.4	6.1	47.5	9.2
High blood cholesterol, high blood fat, or high lipid content .....	36.3	2.6	36.6	3.9	36.1	3.2	--	--	22.9	2.7	66.9	7.3	77.1	10.2
Hardening of the arteries or arteriosclerosis .....	3.2	0.7	4.4	1.2	2.1	0.8	--	--	--	--	--	--	20.5	6.0
High blood pressure .....	45.2	2.9	44.8	4.3	45.7	3.7	18.8	4.9	24.4	2.7	77.3	7.8	122.3	13.0
Chest pain or angina pectoris .....	26.3	2.1	25.9	3.1	26.8	2.8	13.7	4.9	21.5	2.4	33.2	5.1	56.0	8.9
Rapid heart beat or tachycardia .....	20.7	1.9	14.4	2.4	27.2	2.9	12.7	3.6	17.1	2.3	25.7	4.4	41.1	7.6
Heart attack or myocardial infarction .....	4.9	0.8	6.8	1.5	3.0	0.8	--	--	--	--	5.3	1.7	30.5	6.9
Stroke or cerebrovascular accident .....	2.3	0.5	3.1	0.9	--	--	--	--	--	--	--	--	12.8	4.3
Any of the above circulatory diseases .....	103.5	4.2	99.0	6.2	108.2	5.5	38.3	7.5	69.5	4.5	158.7	10.7	256.9	17.1
Any of the above diseases .....	161.8	5.0	125.3	6.4	199.4	7.2	85.2	9.7	121.2	5.7	212.5	11.7	384.2	20.6
<u>Moderate drinker</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.5	0.8	4.4	1.2	--	--	--	--	4.4	1.3	--	--	--	--
Emphysema .....	4.2	1.0	3.8	1.1	4.9	2.0	--	--	--	--	8.3	3.4	25.0	7.5
Arthritis, osteoporosis or any other joint or bone disease .....	76.0	3.4	67.5	4.4	90.1	5.3	24.4	5.5	43.7	3.4	125.8	9.3	260.6	17.2
Vitamin deficiencies or anemia .....	18.3	1.7	5.1	1.2	40.1	4.0	29.5	5.3	16.7	2.0	12.4	4.2	19.6	5.0
Cancer .....	8.2	1.2	7.2	1.6	9.9	1.8	--	--	2.8	0.9	10.6	2.9	46.8	8.8
Diabetes .....	8.2	1.2	8.6	1.6	7.5	2.0	--	--	3.7	1.1	17.1	4.0	26.7	7.7
Convulsions or epilepsy .....	1.3	0.4	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	21.9	2.0	19.5	2.6	25.9	3.0	19.0	3.9	20.7	2.8	25.1	4.8	27.5	6.5
Gastritis .....	17.9	1.7	14.0	1.9	24.3	3.2	13.9	4.4	17.5	2.2	22.3	4.3	17.2	4.9
Ulcer, gastritis, or other stomach disease .....	36.5	2.4	31.0	3.1	45.5	4.1	31.4	5.7	35.5	3.4	41.7	5.6	39.7	7.7
High blood cholesterol, high blood fat, or high lipid content .....	26.3	2.0	26.9	2.6	25.5	2.7	--	--	16.4	2.3	51.8	6.0	72.7	9.7
Hardening of the arteries or arteriosclerosis .....	4.5	0.7	5.6	1.0	2.8	0.8	--	--	--	--	6.9	2.0	32.6	6.1
High blood pressure .....	41.5	3.0	43.2	4.3	38.6	3.5	21.4	8.8	23.6	3.0	67.3	7.2	130.5	14.1
Chest pain or angina pectoris .....	21.9	2.0	20.9	2.7	23.5	2.8	10.5	3.2	20.9	2.8	24.7	4.5	43.8	8.4
Rapid heart beat or tachycardia .....	18.2	1.8	12.6	1.8	27.4	3.2	8.8	3.2	17.3	2.3	19.4	3.8	39.7	8.4
Heart attack or myocardial infarction .....	3.8	0.8	4.7	1.1	--	--	--	--	--	--	7.3	2.6	21.9	7.1
Stroke or cerebrovascular accident .....	3.1	0.7	3.5	0.9	--	--	--	--	--	--	5.9	2.2	21.4	5.4
Any of the above circulatory diseases .....	91.8	4.1	92.0	5.6	91.3	5.2	44.8	9.8	61.1	4.5	139.6	10.1	261.2	18.6
Any of the above diseases .....	134.5	4.5	113.0	5.8	170.0	7.0	84.9	8.8	94.4	5.2	189.6	11.1	350.4	18.8

See footnotes at end of table.

**Table 2-3.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to usual/heaviest drinking level<sup>1</sup> in the past year among current drinkers,<sup>2</sup> United States, 1992. (Continued)

Usual/heaviest drinking level and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Heavier drinker</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	8.8	1.5	8.6	1.8	9.7	3.3	--	--	9.3	2.5	14.4	3.9	--	--
Emphysema .....	7.9	2.0	9.7	2.6	--	--	--	--	--	--	8.7	2.8	31.5	8.9
Arthritis, osteoporosis or any other joint or bone disease .....	89.5	5.3	74.9	5.7	134.1	13.1	29.7	8.0	45.6	5.7	149.6	12.6	251.9	23.0
Vitamin deficiencies or anemia .....	13.9	2.2	5.4	1.5	39.8	7.1	16.7	6.0	12.5	3.0	15.8	4.6	--	--
Cancer .....	16.2	2.4	13.3	2.5	25.0	6.2	--	--	--	--	29.8	6.5	68.5	14.9
Diabetes .....	9.7	1.8	7.8	1.8	15.5	5.0	--	--	--	--	16.0	4.4	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	35.2	3.8	36.7	4.3	30.6	6.3	47.9	10.5	35.0	5.6	27.4	5.4	31.4	9.1
Gastritis .....	19.4	2.7	16.0	2.9	29.9	6.4	18.7	6.9	20.3	4.0	18.0	5.1	20.9	6.9
Ulcer, gastritis, or other stomach disease .....	50.6	4.5	48.2	5.1	58.0	8.6	65.8	12.6	49.5	6.6	42.5	7.2	48.3	10.9
High blood cholesterol, high blood fat, or high lipid content .....	37.9	3.8	36.6	3.9	41.8	8.6	--	--	16.0	3.2	76.9	10.0	98.3	17.0
Hardening of the arteries or arteriosclerosis .....	2.8	0.9	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	54.2	4.3	53.4	4.4	56.9	9.7	25.0	7.8	26.0	3.9	90.6	11.0	145.9	18.7
Chest pain or angina pectoris .....	29.2	3.5	31.4	4.4	22.6	5.3	25.9	7.4	22.5	5.2	39.9	7.3	38.8	11.4
Rapid heart beat or tachycardia .....	17.9	2.4	17.0	2.8	20.7	5.1	--	--	12.3	2.9	26.8	6.3	36.7	8.7
Heart attack or myocardial infarction .....	5.7	1.4	6.3	1.8	--	--	--	--	--	--	13.3	4.7	--	--
Stroke or cerebrovascular accident .....	4.9	1.4	4.4	1.5	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	113.2	6.6	111.3	7.1	118.7	12.6	60.5	11.0	67.5	7.1	174.5	14.5	266.0	25.0
Any of the above diseases .....	169.1	7.5	145.5	8.3	241.3	16.4	111.7	15.2	109.4	9.9	241.6	16.3	367.5	25.6

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Light drinker:** fewer than 3 drinks per week on average. **Moderate drinker:** 3 to fewer than 14 drinks per week on average. **Heavier drinker:** 2 or more drinks per day on average.

<sup>2</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-4.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to DSM-IV alcohol use disorders in the past year among current drinkers,<sup>1</sup> United States, 1992.

Past-year DSM-IV alcohol use disorders and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>No alcohol disorder</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.1	0.5	3.4	0.7	2.6	0.6	--	--	2.7	0.7	4.5	1.2	--	--
Emphysema .....	5.0	0.6	6.0	0.9	3.5	0.9	--	--	0.9	0.3	5.4	1.5	29.9	4.8
Arthritis, osteoporosis or any other joint or bone disease .....	91.2	2.7	76.8	3.2	111.1	4.3	22.8	4.2	48.0	2.7	136.8	6.3	275.2	11.5
Vitamin deficiencies or anemia .....	18.0	1.1	4.9	0.8	36.1	2.3	29.6	4.1	19.4	1.6	10.1	1.8	16.1	3.1
Cancer .....	11.3	1.0	10.3	1.3	12.8	1.5	--	--	4.1	0.7	16.2	2.3	46.3	5.3
Diabetes .....	8.8	0.9	9.3	1.2	8.2	1.3	--	--	3.9	0.7	14.8	2.5	27.0	4.3
Convulsions or epilepsy .....	1.2	0.3	--	--	2.2	0.7	--	--	1.3	0.5	--	--	--	--
Stomach ulcer .....	23.3	1.4	18.7	1.8	29.7	2.2	24.6	3.7	21.1	1.9	26.2	3.0	25.7	3.8
Gastritis .....	18.8	1.2	14.1	1.4	25.2	2.2	13.6	3.1	16.8	1.6	22.8	2.6	24.5	4.2
Ulcer, gastritis, or other stomach disease .....	38.4	1.8	30.4	2.2	49.5	3.0	35.6	4.6	34.7	2.4	44.3	3.8	45.8	5.4
High blood cholesterol, high blood fat, or high lipid content .....	34.7	1.8	34.9	2.4	34.4	2.5	--	--	18.7	1.7	62.8	4.7	81.3	6.9
Hardening of the arteries or arteriosclerosis .....	4.1	0.5	5.0	0.7	2.8	0.6	--	--	--	--	5.7	1.2	24.0	3.7
High blood pressure .....	46.2	2.1	46.0	2.8	46.4	2.8	14.4	3.4	23.5	2.0	73.2	4.9	130.3	8.5
Chest pain or angina pectoris .....	23.1	1.5	22.5	2.0	23.8	1.9	10.9	2.8	18.5	1.7	28.2	3.1	47.9	5.6
Rapid heart beat or tachycardia .....	18.4	1.3	13.2	1.4	25.7	2.2	8.2	2.4	15.1	1.5	21.5	2.8	39.7	4.7
Heart attack or myocardial infarction .....	4.9	0.6	6.4	0.9	2.8	0.6	--	--	1.2	0.4	7.1	1.4	23.4	4.1
Stroke or cerebrovascular accident .....	3.1	0.4	3.8	0.7	2.1	0.5	--	--	--	--	3.9	0.9	18.8	3.6
Any of the above circulatory diseases .....	101.4	3.1	99.5	4.1	104.1	4.1	32.4	4.7	61.9	3.1	149.8	6.9	261.4	11.5
Any of the above diseases .....	153.8	3.4	124.2	4.2	194.8	5.1	84.7	7.2	101.3	3.7	204.4	7.5	371.8	12.5
<u>Alcohol abuse</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	56.4	7.7	49.5	8.7	76.0	14.6	--	--	46.5	8.3	192.6	42.3	--	--
Vitamin deficiencies or anemia .....	17.0	4.6	--	--	51.1	15.2	--	--	--	--	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	22.6	4.9	21.7	5.8	24.9	8.6	27.1	8.6	21.2	6.5	--	--	--	--
Gastritis .....	21.1	4.5	16.4	4.8	34.5	10.6	--	--	27.2	6.5	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	40.4	6.4	35.1	7.3	55.7	13.2	37.3	10.1	42.6	8.8	--	--	--	--
High blood cholesterol, high blood fat, or high lipid content .....	11.5	3.1	15.6	4.2	--	--	--	--	--	--	--	--	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	33.6	9.2	41.4	12.2	--	--	--	--	--	--	112.0	35.0	--	--
Chest pain or angina pectoris .....	19.8	4.4	22.6	5.5	--	--	--	--	19.5	5.8	--	--	--	--
Rapid heart beat or tachycardia .....	14.8	3.8	14.9	4.5	--	--	--	--	--	--	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	64.0	10.3	70.4	13.1	45.7	12.1	59.0	24.5	37.4	7.4	181.2	40.3	--	--
Any of the above diseases .....	119.3	11.0	102.2	13.5	167.9	22.0	83.5	14.0	96.2	12.7	328.2	56.9	--	--

See footnotes at end of table.

**Table 2-4.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to DSM-IV alcohol use disorders in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Past-year DSM-IV alcohol use disorders and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Alcohol dependence</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	17.5	3.3	19.6	4.2	12.7	4.9	--	--	19.6	5.1	47.0	14.3	--	--
Emphysema .....	8.5	3.5	11.6	5.0	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	74.9	7.5	64.0	7.9	99.8	17.2	42.8	13.2	73.2	9.5	152.5	25.0	259.3	81.5
Vitamin deficiencies or anemia .....	29.4	4.5	13.5	3.7	65.3	12.1	17.9	5.4	32.0	6.2	54.9	22.4	--	--
Cancer .....	4.0	1.3	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	9.4	2.5	9.5	3.0	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	52.9	6.0	60.6	8.0	35.4	8.1	46.9	10.0	54.6	8.5	63.9	16.9	--	--
Gastritis .....	25.9	4.0	22.1	4.7	34.5	7.2	17.8	6.8	30.5	5.8	26.7	8.6	--	--
Ulcer, gastritis, or other stomach disease .....	72.6	6.8	74.6	8.8	68.1	10.7	61.5	12.0	78.0	9.7	81.4	18.4	--	--
High blood cholesterol, high blood fat, or high lipid content .....	27.5	4.2	26.9	5.1	28.7	7.8	--	--	27.5	6.2	84.0	19.3	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	52.1	6.0	55.0	7.7	45.4	8.3	34.1	9.2	43.7	7.6	129.4	24.7	--	--
Chest pain or angina pectoris .....	47.8	6.9	50.4	9.0	41.8	8.9	32.8	9.5	48.3	9.5	90.1	24.2	--	--
Rapid heart beat or tachycardia .....	30.9	4.9	26.0	5.4	42.0	8.7	19.9	6.8	33.6	7.0	54.7	18.6	--	--
Heart attack or myocardial infarction .....	4.1	1.6	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	122.7	9.7	121.5	11.9	125.4	14.3	79.1	14.0	120.9	12.6	251.3	34.1	--	--
Any of the above diseases .....	171.8	10.3	154.6	11.8	210.7	21.3	121.9	17.7	171.4	14.1	289.5	34.6	400.3	88.8

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.



**Table 2-5.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of drinking 5 or more drinks in a single day in the past year among current drinkers,<sup>1</sup> United States, 1992.

Drinking 5 or more drinks in a single day and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Not once in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	2.8	0.6	3.4	1.1	2.2	0.7	--	--	--	--	5.1	1.7	--	--
Emphysema .....	6.6	1.0	9.2	1.7	4.1	1.1	--	--	--	--	5.6	2.0	26.9	4.7
Arthritis, osteoporosis or any other joint or bone disease .....	114.5	3.7	100.2	5.2	128.1	5.5	16.7	5.4	51.2	3.7	142.5	7.9	281.4	13.1
Vitamin deficiencies or anemia .....	20.5	1.6	5.7	1.3	34.5	2.8	33.9	8.0	25.8	2.6	11.7	2.5	17.3	3.4
Cancer .....	15.3	1.5	15.2	2.4	15.3	2.0	--	--	5.2	1.2	15.9	3.0	47.9	5.7
Diabetes .....	10.3	1.3	13.2	2.4	7.5	1.3	--	--	4.3	1.0	12.4	3.0	27.0	5.0
Convulsions or epilepsy .....	1.4	0.4	--	--	1.9	0.7	--	--	--	--	--	--	--	--
Stomach ulcer .....	24.1	2.0	18.9	2.9	29.1	2.7	18.4	5.8	23.2	2.9	26.8	3.7	23.7	4.0
Gastritis .....	21.9	1.9	15.9	2.4	27.7	2.8	--	--	19.2	2.5	25.1	3.4	28.0	5.0
Ulcer, gastritis, or other stomach disease .....	42.1	2.6	33.0	3.6	50.7	3.6	28.8	7.1	38.7	3.6	47.0	4.8	47.3	6.1
High blood cholesterol, high blood fat, or high lipid content .....	42.8	2.6	45.4	4.0	40.4	3.0	--	--	22.3	2.6	62.1	5.8	80.2	7.7
Hardening of the arteries or arteriosclerosis .....	5.9	0.8	8.3	1.4	3.7	0.9	--	--	--	--	5.8	1.5	24.6	4.2
High blood pressure .....	57.6	2.8	59.9	4.4	55.5	3.5	--	--	25.5	2.6	75.7	6.0	132.3	9.7
Chest pain or angina pectoris .....	27.0	2.0	26.6	2.9	27.4	2.5	--	--	18.7	2.3	31.0	3.9	48.2	6.2
Rapid heart beat or tachycardia .....	25.3	1.9	19.9	2.6	30.4	2.9	--	--	23.5	2.6	22.7	3.6	41.0	5.2
Heart attack or myocardial infarction .....	6.2	0.8	9.5	1.5	3.0	0.7	--	--	--	--	6.2	1.5	24.1	4.1
Stroke or cerebrovascular accident .....	5.0	0.8	7.2	1.3	3.0	0.8	--	--	--	--	5.3	1.5	19.8	3.7
Any of the above circulatory diseases .....	125.6	4.2	129.0	6.2	122.3	5.2	31.4	7.8	69.9	4.5	154.4	8.6	267.3	13.1
Any of the above diseases .....	183.8	4.8	156.6	6.8	209.7	6.6	76.0	11.7	112.0	5.4	213.1	9.5	377.0	14.1
<u>1 to 11 times in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.1	1.0	4.8	1.4	--	--	--	--	4.8	1.5	--	--	--	--
Emphysema .....	2.4	0.9	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	66.1	3.7	58.2	4.7	80.1	6.7	31.8	7.0	50.7	4.1	132.5	12.3	219.3	34.5
Vitamin deficiencies or anemia .....	20.7	2.3	4.7	1.4	49.1	5.6	33.8	6.1	17.8	2.6	14.6	5.8	--	--
Cancer .....	5.8	1.1	5.3	1.4	6.8	2.1	--	--	3.3	1.0	15.2	4.6	--	--
Diabetes .....	5.9	1.1	6.1	1.5	5.6	1.7	--	--	3.5	1.1	15.6	4.5	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	24.2	2.3	21.1	2.8	29.7	4.2	25.7	5.2	22.8	3.1	25.7	5.7	--	--
Gastritis .....	17.9	1.9	14.5	2.2	23.8	3.5	11.3	3.3	18.7	2.5	23.8	4.8	--	--
Ulcer, gastritis, or other stomach disease .....	38.0	2.8	31.7	3.4	49.1	5.0	34.1	6.0	37.4	3.7	43.8	7.3	43.4	14.1
High blood cholesterol, high blood fat, or high lipid content .....	25.5	2.5	28.3	3.3	20.6	3.5	--	--	17.5	2.7	67.4	9.7	75.0	20.1
Hardening of the arteries or arteriosclerosis .....	2.1	0.6	2.7	0.9	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	31.9	3.3	36.3	4.5	24.1	4.0	24.9	9.2	18.3	2.7	70.0	9.8	121.2	30.7
Chest pain or angina pectoris .....	19.8	2.1	20.5	2.8	18.4	2.9	12.4	3.9	20.9	2.7	19.5	4.8	48.6	16.3
Rapid heart beat or tachycardia .....	15.1	1.9	11.6	2.0	21.2	3.5	10.7	3.5	12.0	2.1	26.3	5.6	--	--
Heart attack or myocardial infarction .....	3.7	1.1	4.1	1.3	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	2.3	0.8	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	76.8	4.6	79.8	5.9	71.5	6.3	47.9	10.3	56.6	4.5	151.6	13.5	235.6	37.1
Any of the above diseases .....	126.0	5.0	101.1	6.1	170.0	9.1	96.7	9.7	103.7	5.7	206.2	15.3	300.3	36.8

See footnotes at end of table.

**Table 2-5.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of drinking 5 or more drinks in a single day in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Drinking 5 or more drinks in a single day and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>12 or more times in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	7.7	1.3	7.7	1.5	7.9	2.7	--	--	7.9	1.9	16.1	4.7	--	--
Emphysema .....	5.2	1.5	6.3	1.9	--	--	--	--	--	--	9.1	3.1	55.7	19.6
Arthritis, osteoporosis or any other joint or bone disease .....	65.3	4.6	58.3	4.4	87.3	10.5	26.8	5.3	49.2	5.4	138.8	12.5	281.3	34.9
Vitamin deficiencies or anemia .....	14.7	1.9	7.4	1.6	37.8	5.8	16.6	3.7	14.1	2.5	16.6	5.6	--	--
Cancer .....	6.9	1.2	5.7	1.3	10.6	3.0	--	--	3.6	1.1	16.5	4.0	--	--
Diabetes .....	8.3	1.4	6.3	1.4	14.7	4.1	--	--	3.8	1.2	25.1	6.5	--	--
Convulsions or epilepsy .....	2.9	1.2	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	32.4	3.1	32.0	3.6	33.8	5.6	38.3	6.7	28.8	3.9	34.9	6.8	--	--
Gastritis .....	17.8	2.2	15.3	2.4	25.8	5.5	17.3	4.9	18.9	3.0	16.3	4.8	--	--
Ulcer, gastritis, or other stomach disease .....	46.6	3.8	43.2	4.2	57.2	7.8	52.5	8.3	43.8	4.8	47.9	8.1	--	--
High blood cholesterol, high blood fat, or high lipid content .....	22.9	2.3	22.4	2.7	24.5	5.6	--	--	14.8	2.5	67.0	8.6	78.2	21.1
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	41.0	3.7	41.8	4.2	38.2	6.8	21.3	5.2	30.1	4.3	91.3	12.1	133.5	29.1
Chest pain or angina pectoris .....	29.2	3.2	30.4	3.9	25.2	5.2	17.8	4.8	26.8	4.5	53.5	9.5	--	--
Rapid heart beat or tachycardia .....	14.9	2.0	12.6	2.2	22.0	4.5	9.0	3.1	13.9	2.6	26.1	6.8	--	--
Heart attack or myocardial infarction .....	4.2	1.1	4.7	1.4	--	--	--	--	--	--	14.9	5.4	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	86.6	5.0	87.0	5.7	85.5	9.2	49.8	7.7	70.8	6.0	171.0	15.1	236.0	34.3
Any of the above diseases .....	133.0	6.4	116.6	6.5	184.7	13.9	95.5	9.4	108.2	7.9	224.0	17.3	395.8	41.1

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-6.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of drinking enough to feel drunk in the past year among current drinkers,<sup>1</sup> United States, 1992.

Drinking enough to feel drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Not once in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.8	0.7	4.6	1.0	2.8	0.8	--	--	2.9	0.9	5.4	1.4	--	--
Emphysema .....	6.4	0.9	7.5	1.3	4.9	1.4	--	--	--	--	4.8	1.6	29.7	4.9
Arthritis, osteoporosis or any other joint or bone disease .....	111.8	3.5	95.7	4.7	132.8	5.5	26.0	8.9	50.6	3.3	138.9	7.2	278.1	12.4
Vitamin deficiencies or anemia .....	16.9	1.3	5.2	1.0	32.2	2.7	27.0	6.9	20.5	2.1	9.7	2.0	17.5	3.3
Cancer .....	14.2	1.3	13.3	1.8	15.3	2.1	--	--	3.2	0.8	17.0	2.7	46.3	5.5
Diabetes .....	11.1	1.3	12.6	1.9	9.1	1.6	--	--	3.7	0.9	15.5	2.9	28.5	4.7
Convulsions or epilepsy .....	1.6	0.5	--	--	2.8	1.0	--	--	--	--	--	--	--	--
Stomach ulcer .....	23.2	1.7	18.1	1.9	29.8	2.8	22.5	6.1	21.7	2.3	24.3	3.1	25.8	4.1
Gastritis .....	20.5	1.6	16.2	2.0	26.0	2.6	--	--	18.9	2.2	23.3	2.9	25.0	4.5
Ulcer, gastritis, or other stomach disease .....	39.8	2.2	31.4	2.6	50.6	3.7	26.7	6.5	37.1	3.0	42.7	4.0	47.3	5.8
High blood cholesterol, high blood fat, or high lipid content .....	42.3	2.4	42.7	3.3	41.8	3.4	--	--	20.6	2.4	61.9	5.3	82.4	7.3
Hardening of the arteries or arteriosclerosis .....	5.2	0.7	6.2	1.0	3.9	0.9	--	--	--	--	5.4	1.2	22.7	3.7
High blood pressure .....	56.7	2.8	55.1	3.7	58.9	4.0	19.4	6.5	25.5	2.6	73.5	5.5	132.2	8.7
Chest pain or angina pectoris .....	25.8	1.8	25.9	2.4	25.6	2.5	--	--	19.5	2.2	26.4	3.2	49.1	6.0
Rapid heart beat or tachycardia .....	22.0	1.7	16.1	1.9	29.5	2.9	--	--	17.8	2.1	22.4	3.1	39.0	5.1
Heart attack or myocardial infarction .....	6.4	0.8	8.4	1.3	3.8	0.9	--	--	--	--	7.1	1.6	23.7	4.3
Stroke or cerebrovascular accident .....	4.5	0.7	5.9	1.0	2.7	0.7	--	--	--	--	4.6	1.1	19.5	3.9
Any of the above circulatory diseases .....	123.0	4.2	121.8	5.4	124.6	5.4	36.7	8.8	68.0	4.2	151.7	7.8	266.5	12.1
Any of the above diseases .....	178.0	4.2	150.1	5.7	214.2	6.5	77.8	12.6	105.6	4.7	209.1	8.5	376.3	13.2
<u>1 to 11 times in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.1	0.9	4.5	1.3	3.3	1.1	--	--	4.8	1.3	--	--	--	--
Emphysema .....	2.4	0.6	3.4	1.0	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	60.6	4.0	52.7	4.4	73.3	6.5	24.6	4.9	51.6	4.5	135.9	12.9	262.6	40.2
Vitamin deficiencies or anemia .....	21.2	2.1	5.1	1.5	47.2	4.7	30.2	5.2	18.7	2.3	20.5	7.1	--	--
Cancer .....	6.2	1.1	5.1	1.2	8.0	1.8	--	--	4.7	1.2	13.6	3.5	--	--
Diabetes .....	5.1	0.9	4.3	1.1	6.4	1.7	--	--	3.6	0.9	12.4	3.8	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	26.8	2.3	23.2	3.1	32.6	3.6	29.2	4.9	24.2	3.0	34.0	7.0	--	--
Gastritis .....	19.4	1.9	13.7	2.1	28.5	3.7	16.8	4.0	19.6	2.4	20.8	4.9	--	--
Ulcer, gastritis, or other stomach disease .....	41.9	2.8	33.5	3.6	55.4	4.8	42.5	6.1	39.7	3.6	51.1	8.3	--	--
High blood cholesterol, high blood fat, or high lipid content .....	22.3	2.1	23.7	2.8	20.1	2.8	--	--	17.0	2.3	66.4	9.0	62.4	18.9
Hardening of the arteries or arteriosclerosis .....	1.8	0.6	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	29.7	2.5	32.7	3.5	24.9	3.1	16.3	4.1	21.9	2.6	73.8	10.7	136.6	37.1
Chest pain or angina pectoris .....	22.1	2.1	20.9	2.8	23.9	3.1	12.4	3.3	20.5	2.5	43.1	8.5	--	--
Rapid heart beat or tachycardia .....	17.0	1.8	12.8	2.2	23.6	3.1	8.0	2.5	17.0	2.3	28.0	7.4	--	--
Heart attack or myocardial infarction .....	2.5	0.7	3.2	1.0	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	1.8	0.6	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	70.9	3.6	69.1	4.8	73.9	5.2	42.0	6.1	58.8	4.0	154.1	14.4	233.1	41.2
Any of the above diseases .....	123.6	5.1	96.4	5.8	167.2	8.5	95.4	8.7	107.7	6.0	214.3	17.2	340.2	44.7

See footnotes at end of table.

**Table 2-6.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of drinking enough to feel drunk in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Drinking enough to feel drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>12 or more times in past year</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	8.5	1.9	9.4	2.3	--	--	--	--	9.6	3.1	34.0	10.9	--	--
Emphysema .....	6.2	2.9	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	54.5	5.3	46.3	5.6	77.6	12.3	31.7	7.2	46.9	7.2	172.4	26.6	--	--
Vitamin deficiencies or anemia .....	22.5	3.5	10.6	3.0	56.3	10.5	19.2	5.5	22.9	5.0	--	--	--	--
Cancer .....	4.1	1.2	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	6.3	1.9	5.8	2.2	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	39.7	5.2	46.2	6.6	21.3	5.7	36.3	7.7	38.3	7.5	67.8	19.1	--	--
Gastritis .....	16.2	3.0	15.6	3.7	18.0	5.0	13.6	5.1	16.4	4.0	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	52.8	6.0	57.9	7.4	38.5	7.5	49.2	9.4	50.3	8.3	89.1	21.2	--	--
High blood cholesterol, high blood fat, or high lipid content .....	18.1	3.0	18.7	3.5	--	--	--	--	17.2	4.3	86.8	19.6	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	45.8	6.8	53.3	8.9	24.5	6.3	31.5	12.4	32.7	7.6	168.8	31.3	--	--
Chest pain or angina pectoris .....	33.4	5.6	37.9	7.2	20.4	5.6	20.4	6.7	34.8	8.8	88.8	22.0	--	--
Rapid heart beat or tachycardia .....	15.2	2.8	14.6	3.2	17.0	5.4	14.1	5.1	12.2	3.2	36.2	11.6	--	--
Heart attack or myocardial infarction .....	5.1	1.8	6.1	2.4	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	90.9	8.9	99.1	11.1	67.6	11.4	58.9	14.6	83.7	11.0	260.8	34.6	137.8	51.0
Any of the above diseases .....	130.1	8.9	116.8	10.3	167.9	17.0	97.9	12.1	122.2	13.1	289.2	32.9	264.1	80.0

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-7.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of driving after drinking in the past year among current drinkers,<sup>1</sup> United States, 1992.

Driving after drinking and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Not once in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.8	0.5	4.4	0.7	3.1	0.7	--	--	3.3	0.7	6.2	1.4	--	--
Emphysema .....	5.0	0.6	6.1	0.9	3.5	0.9	--	--	1.0	0.3	5.8	1.5	30.5	4.8
Arthritis, osteoporosis or any other joint or bone disease .....	91.0	2.6	75.9	3.1	112.2	4.3	28.2	4.2	49.3	2.5	138.6	6.2	276.0	11.6
Vitamin deficiencies or anemia .....	19.4	1.2	5.7	0.9	38.5	2.4	29.2	3.9	20.3	1.6	13.3	2.3	15.7	3.0
Cancer .....	11.0	0.9	9.8	1.2	12.6	1.5	--	--	4.1	0.7	15.9	2.2	45.8	5.3
Diabetes .....	8.8	0.9	9.3	1.2	8.0	1.2	--	--	3.9	0.7	15.4	2.5	26.6	4.2
Convulsions or epilepsy .....	1.4	0.3	--	--	2.3	0.7	--	--	1.4	0.5	1.7	0.6	--	--
Stomach ulcer .....	24.7	1.4	21.0	1.8	29.9	2.2	26.2	3.7	23.2	1.9	26.4	2.9	26.0	3.8
Gastritis .....	19.4	1.2	14.5	1.4	26.2	2.1	12.8	2.4	18.5	1.6	22.9	2.5	24.7	4.2
Ulcer, gastritis, or other stomach disease .....	40.2	1.8	32.6	2.2	50.7	2.9	36.1	4.3	38.0	2.4	44.6	3.6	45.9	5.4
High blood cholesterol, high blood fat, or high lipid content .....	34.0	1.8	34.1	2.3	33.9	2.4	--	--	19.4	1.7	63.6	4.6	79.4	6.8
Hardening of the arteries or arteriosclerosis .....	3.9	0.5	4.7	0.7	2.8	0.6	--	--	--	--	5.7	1.2	23.2	3.7
High blood pressure .....	46.5	2.1	46.2	2.8	47.0	2.8	15.7	3.1	24.3	2.0	75.9	5.0	131.3	8.4
Chest pain or angina pectoris .....	24.7	1.5	24.6	2.0	24.7	1.9	13.3	3.0	20.7	1.8	30.4	3.1	47.5	5.6
Rapid heart beat or tachycardia .....	19.8	1.3	14.6	1.4	27.0	2.1	8.4	2.2	17.5	1.6	23.2	2.8	39.5	4.7
Heart attack or myocardial infarction .....	4.9	0.6	6.3	0.9	2.8	0.6	--	--	1.5	0.5	7.4	1.4	23.0	4.0
Stroke or cerebrovascular accident .....	3.5	0.5	4.1	0.7	2.6	0.6	--	--	--	--	4.7	1.1	19.3	3.6
Any of the above circulatory diseases .....	102.9	3.1	100.1	4.0	106.9	4.0	37.0	4.8	65.6	3.2	154.5	6.9	260.3	11.5
Any of the above diseases .....	155.7	3.3	126.0	4.2	197.3	5.2	89.9	6.7	105.6	3.6	209.3	7.3	372.3	12.6
<u>1 or 2 times in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	57.8	7.7	52.4	8.7	71.1	16.9	--	--	51.8	9.7	160.5	35.1	--	--
Vitamin deficiencies or anemia .....	19.3	4.8	--	--	47.7	14.0	--	--	18.0	6.2	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	28.4	5.0	27.6	5.6	30.4	9.6	31.6	10.1	16.6	4.9	81.7	28.0	--	--
Gastritis .....	20.2	4.7	15.7	4.4	31.5	12.3	--	--	22.6	5.6	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	43.8	6.8	37.1	7.1	60.6	15.2	51.8	15.6	31.7	6.6	90.1	28.6	--	--
High blood cholesterol, high blood fat, or high lipid content .....	19.7	4.3	19.9	5.0	--	--	--	--	--	--	78.1	25.1	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	42.4	9.8	49.9	13.3	--	--	--	--	27.7	7.2	84.5	26.3	--	--
Chest pain or angina pectoris .....	36.9	6.4	38.6	7.8	32.6	10.9	36.8	12.6	31.1	7.4	--	--	--	--
Rapid heart beat or tachycardia .....	18.1	4.3	17.7	5.3	--	--	--	--	13.2	4.4	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	91.2	11.7	98.5	15.2	73.0	14.1	99.3	31.5	68.3	10.7	161.8	34.3	--	--
Any of the above diseases .....	128.2	12.8	113.7	14.4	164.2	25.6	92.2	20.8	98.6	13.6	336.6	54.5	--	--

See footnotes at end of table.

**Table 2-7.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of driving after drinking in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Driving after drinking and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>3 or more times in past year</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	9.2	2.7	10.0	3.3	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	66.9	9.9	65.9	12.0	70.2	19.4	--	--	66.2	11.6	176.7	53.8	--	--
Vitamin deficiencies or anemia .....	15.4	3.7	--	--	47.8	13.4	--	--	19.4	5.4	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	48.6	7.8	53.8	9.8	--	--	50.0	15.5	52.3	11.8	--	--	--	--
Gastritis .....	24.0	6.3	22.4	7.0	--	--	--	--	22.1	6.8	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	70.3	10.0	73.9	12.0	57.7	18.0	67.0	19.9	72.4	13.4	--	--	--	--
High blood cholesterol, high blood fat, or high lipid content .....	21.2	5.4	23.8	6.7	--	--	--	--	18.8	6.3	--	--	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	43.4	8.3	51.5	10.5	--	--	--	--	29.0	7.9	128.8	43.1	--	--
Chest pain or angina pectoris .....	22.3	7.6	24.6	9.6	--	--	--	--	24.0	10.8	--	--	--	--
Rapid heart beat or tachycardia .....	18.4	5.3	16.1	6.2	--	--	--	--	16.1	5.0	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	82.2	12.0	91.0	14.7	51.6	15.1	62.7	19.9	73.1	14.3	185.2	53.7	--	--
Any of the above diseases .....	150.8	14.3	142.0	17.7	181.1	30.3	113.0	24.4	156.1	18.8	232.8	57.3	--	--

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-8.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to frequency of getting into potentially harmful situation after drinking in the past year among current drinkers,<sup>1</sup> United States, 1992.

Getting into potentially harmful situation after drinking and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Not once in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.1	0.5	4.7	0.7	3.3	0.7	--	--	3.8	0.7	6.3	1.3	--	--
Emphysema .....	5.0	0.7	6.2	1.0	3.3	0.8	--	--	1.6	0.7	5.7	1.4	30.4	4.8
Arthritis, osteoporosis or any other joint or bone disease .....	89.3	2.5	74.6	2.9	110.6	4.3	27.6	4.5	50.3	2.6	138.8	6.0	276.5	11.5
Vitamin deficiencies or anemia .....	19.1	1.1	5.4	0.8	39.1	2.4	28.8	3.6	20.2	1.5	12.4	2.1	15.6	3.0
Cancer .....	10.6	0.9	9.5	1.1	12.3	1.4	--	--	4.2	0.7	16.1	2.2	45.9	5.2
Diabetes .....	8.3	0.8	8.9	1.1	7.5	1.1	--	--	3.8	0.7	15.1	2.4	26.8	4.2
Convulsions or epilepsy .....	1.2	0.3	--	--	2.3	0.6	--	--	1.3	0.5	1.6	0.5	--	--
Stomach ulcer .....	25.2	1.3	21.8	1.7	30.1	2.1	27.1	3.8	23.2	1.9	28.1	3.0	25.9	3.8
Gastritis .....	19.9	1.2	15.3	1.4	26.6	2.1	14.4	2.7	19.1	1.6	23.1	2.5	24.5	4.2
Ulcer, gastritis, or other stomach disease .....	41.2	1.7	34.1	2.1	51.5	2.8	38.8	4.5	38.6	2.3	46.5	3.7	45.6	5.4
High blood cholesterol, high blood fat, or high lipid content .....	33.3	1.7	33.4	2.2	33.1	2.4	6.2	1.8	18.4	1.6	64.0	4.5	79.4	6.8
Hardening of the arteries or arteriosclerosis .....	3.6	0.5	4.3	0.6	2.7	0.6	--	--	--	--	5.4	1.1	23.1	3.7
High blood pressure .....	46.8	2.1	47.5	2.8	45.8	2.7	21.7	4.8	24.8	1.9	76.2	4.9	132.6	8.6
Chest pain or angina pectoris .....	25.6	1.5	26.1	2.0	25.0	1.8	15.6	3.1	21.8	1.8	31.6	3.2	47.5	5.5
Rapid heart beat or tachycardia .....	19.3	1.2	14.2	1.4	26.7	2.1	9.2	2.1	16.7	1.4	23.1	2.8	39.5	4.7
Heart attack or myocardial infarction .....	4.8	0.6	6.1	0.8	2.8	0.6	--	--	1.5	0.4	7.7	1.5	23.1	4.0
Stroke or cerebrovascular accident .....	3.1	0.4	3.7	0.6	2.3	0.6	--	--	--	--	4.6	1.1	18.6	3.6
Any of the above circulatory diseases .....	102.4	3.0	100.8	3.9	104.8	3.9	46.5	6.0	65.8	3.1	154.2	6.8	261.1	11.5
Any of the above diseases .....	154.8	3.2	125.9	4.0	196.6	5.1	89.9	6.9	107.2	3.6	212.9	7.3	372.2	12.5
<u>At least once in past year</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	10.3	3.6	12.9	4.5	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	51.6	9.4	53.8	11.0	42.7	13.8	--	--	57.2	12.0	229.1	78.4	--	--
Vitamin deficiencies or anemia .....	18.7	5.5	--	--	--	--	--	--	--	--	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	48.2	7.8	52.6	8.8	--	--	47.6	10.8	51.2	12.5	--	--	--	--
Gastritis .....	14.4	4.8	--	--	--	--	--	--	--	--	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	58.7	8.9	60.2	10.1	--	--	59.0	13.3	59.7	13.2	--	--	--	--
High blood cholesterol, high blood fat, or high lipid content .....	14.1	4.1	15.8	4.9	--	--	--	--	22.6	8.0	--	--	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	32.0	7.3	36.7	8.9	--	--	--	--	--	--	--	--	--	--
Chest pain or angina pectoris .....	18.9	5.0	19.2	5.7	--	--	--	--	--	--	--	--	--	--
Rapid heart beat or tachycardia .....	24.7	6.0	24.9	6.8	--	--	--	--	--	--	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	70.4	9.7	76.1	11.4	--	--	44.5	13.5	67.0	12.8	265.0	71.2	--	--
Any of the above diseases .....	128.9	14.1	127.1	16.1	136.0	26.1	112.7	17.4	126.0	19.6	281.4	82.3	--	--

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-9.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to age of starting to drink among current drinkers,<sup>1</sup> United States, 1992.

Age of starting to drink and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>16 years or younger</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	5.5	1.1	7.5	1.7	--	--	--	--	5.6	1.7	--	--	--	--
Emphysema .....	5.4	1.5	7.5	2.3	--	--	--	--	--	--	--	--	44.0	15.2
Arthritis, osteoporosis or any other joint or bone disease .....	75.9	4.9	73.1	5.4	81.6	8.2	33.4	7.1	55.2	5.0	168.1	16.1	312.3	31.3
Vitamin deficiencies or anemia .....	24.5	2.7	8.2	1.9	57.0	6.5	33.0	5.8	21.3	3.0	21.5	8.1	--	--
Cancer .....	7.6	1.3	7.4	1.7	8.1	2.0	--	--	6.1	1.6	--	--	58.8	17.2
Diabetes .....	6.3	1.6	6.3	2.1	6.4	2.0	--	--	3.1	1.1	21.3	9.6	--	--
Convulsions or epilepsy .....	2.7	1.1	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	33.7	2.9	32.1	3.7	36.8	5.2	35.0	5.4	33.8	4.2	31.8	6.9	--	--
Gastritis .....	18.1	2.3	15.0	2.4	24.2	4.4	19.5	5.0	18.1	2.8	16.3	4.2	--	--
Ulcer, gastritis, or other stomach disease .....	46.7	3.5	42.1	4.2	55.9	6.3	50.8	7.2	46.6	4.7	41.1	7.7	39.7	12.6
High blood cholesterol, high blood fat, or high lipid content .....	24.4	2.8	24.6	3.6	23.9	3.9	--	--	19.6	3.3	56.5	11.5	92.4	20.9
Hardening of the arteries or arteriosclerosis .....	3.1	0.8	4.2	1.2	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	37.5	3.6	43.2	4.9	26.2	4.0	28.1	8.2	23.8	3.4	93.6	13.4	87.7	18.7
Chest pain or angina pectoris .....	28.0	3.0	30.6	4.0	22.6	3.5	19.1	4.4	26.6	4.0	49.0	9.5	35.8	11.8
Rapid heart beat or tachycardia .....	18.8	2.1	15.8	2.4	24.8	3.9	10.3	3.2	20.3	3.0	23.3	5.3	40.8	11.7
Heart attack or myocardial infarction .....	5.1	1.2	6.7	1.7	--	--	--	--	--	--	17.1	6.3	--	--
Stroke or cerebrovascular accident .....	3.8	0.9	4.1	1.1	--	--	--	--	--	--	11.7	4.1	--	--
Any of the above circulatory diseases .....	86.7	5.1	90.8	6.6	78.5	7.1	54.7	9.5	71.7	5.9	161.0	17.5	241.0	28.9
Any of the above diseases .....	151.8	6.7	133.6	8.0	188.3	10.5	115.2	10.4	123.8	7.5	254.2	22.0	408.4	35.2
<b>17 or 18 years</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.2	1.0	4.8	1.3	3.0	1.0	--	--	4.5	1.2	--	--	--	--
Emphysema .....	5.4	1.1	6.0	1.3	4.3	1.8	--	--	--	--	7.2	2.5	51.8	13.7
Arthritis, osteoporosis or any other joint or bone disease .....	71.6	3.9	62.3	4.3	88.8	7.5	14.9	3.5	44.2	4.1	135.6	10.9	282.2	25.9
Vitamin deficiencies or anemia .....	15.8	1.8	5.2	1.3	35.3	4.1	20.7	5.4	17.0	2.3	7.5	2.7	--	--
Cancer .....	8.8	1.3	7.3	1.5	11.4	2.3	--	--	2.9	0.9	20.6	4.9	41.9	9.7
Diabetes .....	6.5	1.0	8.2	1.4	--	--	--	--	2.8	0.9	12.4	3.2	37.0	9.7
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	22.6	2.2	22.8	3.0	22.2	3.1	28.0	6.4	18.1	2.6	26.0	5.5	36.7	9.7
Gastritis .....	16.8	1.7	14.5	2.1	21.2	3.2	--	--	18.1	2.5	19.4	3.8	26.6	8.7
Ulcer, gastritis, or other stomach disease .....	36.6	2.7	34.3	3.5	40.9	4.3	34.5	6.9	33.0	3.4	42.3	6.4	57.1	12.4
High blood cholesterol, high blood fat, or high lipid content .....	27.5	2.3	29.7	2.9	23.3	3.3	--	--	18.0	2.4	62.4	7.6	69.4	12.8
Hardening of the arteries or arteriosclerosis .....	2.6	0.6	3.4	0.9	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	40.3	3.0	44.4	4.1	32.7	4.2	--	--	27.9	3.4	73.9	8.6	143.5	19.0
Chest pain or angina pectoris .....	23.0	2.3	21.8	3.0	25.4	3.4	--	--	21.3	3.0	32.1	5.5	51.4	10.8
Rapid heart beat or tachycardia .....	19.3	2.0	14.1	2.1	29.0	4.2	--	--	16.2	2.3	30.6	6.4	51.2	13.4
Heart attack or myocardial infarction .....	4.5	0.9	5.1	1.1	--	--	--	--	--	--	8.3	2.6	37.6	11.5
Stroke or cerebrovascular accident .....	2.5	0.7	2.8	1.1	--	--	--	--	--	--	--	--	29.7	11.0
Any of the above circulatory diseases .....	90.3	4.2	92.5	5.4	86.2	6.4	26.8	6.1	66.7	4.8	159.0	12.2	270.2	23.0
Any of the above diseases .....	128.3	4.8	109.6	5.6	162.8	9.0	67.4	9.0	92.2	5.5	206.2	12.7	386.0	27.0

See footnotes at end of table.



**Table 2-9.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to age of starting to drink among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Age of starting to drink and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>19 or 20 years</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.6	1.1	4.8	1.6	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	95.3	6.0	86.7	8.4	107.2	9.0	40.5	15.7	48.1	5.9	147.5	14.9	274.2	28.1
Vitamin deficiencies or anemia .....	17.6	2.5	--	--	37.3	5.5	--	--	24.9	4.2	--	--	--	--
Cancer .....	11.2	2.4	11.5	3.5	10.8	3.3	--	--	--	--	12.7	4.5	52.5	14.5
Diabetes .....	8.5	1.8	8.8	2.7	7.9	2.3	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	20.0	2.7	16.1	3.3	25.4	4.4	--	--	21.5	4.0	18.3	5.3	23.2	7.5
Gastritis .....	19.4	2.6	12.1	3.2	29.6	4.6	--	--	19.0	3.7	20.6	6.2	--	--
Ulcer, gastritis, or other stomach disease .....	35.9	3.6	26.5	4.5	49.0	6.1	27.0	8.5	37.4	5.2	35.4	7.9	40.8	11.1
High blood cholesterol, high blood fat, or high lipid content .....	41.4	4.2	44.6	5.9	37.0	5.6	--	--	24.4	4.5	66.6	10.0	109.3	19.8
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	45.3	4.3	44.7	5.7	46.3	6.4	35.9	13.0	20.5	3.8	70.3	10.1	121.0	20.2
Chest pain or angina pectoris .....	24.3	3.4	26.5	5.1	21.3	4.1	--	--	14.5	3.2	30.7	8.1	64.8	16.1
Rapid heart beat or tachycardia .....	21.9	3.0	18.0	3.9	27.3	4.7	--	--	17.3	3.6	23.2	6.7	40.2	12.1
Heart attack or myocardial infarction .....	4.4	1.4	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	3.2	1.0	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	107.3	6.5	109.8	9.0	103.8	9.4	66.7	16.7	60.0	6.9	154.8	14.8	281.4	27.7
Any of the above diseases .....	155.7	7.5	134.2	10.1	185.6	11.5	81.2	18.4	108.5	8.6	205.5	17.6	367.3	30.2
<b>21 years or older</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.2	1.0	--	--	5.5	1.7	--	--	--	--	5.4	1.8	--	--
Emphysema .....	4.5	1.2	4.4	1.5	4.6	1.9	--	--	--	--	--	--	13.6	3.7
Arthritis, osteoporosis or any other joint or bone disease .....	114.7	5.0	82.3	6.4	144.9	7.6	--	--	56.9	5.3	124.9	8.5	262.1	16.4
Vitamin deficiencies or anemia .....	18.0	2.1	5.9	1.9	29.3	3.6	--	--	18.5	3.0	16.9	4.0	17.8	4.4
Cancer .....	14.0	2.0	12.4	2.8	15.5	2.8	--	--	3.9	1.4	15.8	3.7	39.6	7.3
Diabetes .....	11.5	1.9	13.0	3.0	10.0	2.4	--	--	5.2	1.8	12.4	2.9	25.3	6.9
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.8	2.6	18.3	3.6	32.8	3.8	--	--	25.7	4.3	30.8	4.8	15.4	4.2
Gastritis .....	24.2	2.6	16.6	3.4	31.4	4.0	--	--	20.5	3.5	28.4	4.9	27.2	6.8
Ulcer, gastritis, or other stomach disease .....	45.6	3.6	33.6	4.9	56.9	5.2	--	--	42.3	5.3	54.0	6.4	39.2	7.8
High blood cholesterol, high blood fat, or high lipid content .....	42.0	3.5	39.7	4.8	44.1	4.8	--	--	15.1	2.8	66.6	7.5	66.6	9.0
Hardening of the arteries or arteriosclerosis .....	6.1	1.1	6.9	1.8	5.3	1.4	--	--	--	--	5.6	1.8	24.4	5.6
High blood pressure .....	61.6	4.0	53.9	5.7	68.9	5.6	--	--	21.1	3.2	76.8	7.5	141.1	13.1
Chest pain or angina pectoris .....	25.6	2.6	24.8	3.6	26.5	3.7	--	--	20.7	3.6	25.9	4.4	40.8	7.5
Rapid heart beat or tachycardia .....	19.2	2.2	12.7	2.6	25.2	3.4	--	--	13.8	2.9	20.1	3.9	32.7	6.3
Heart attack or myocardial infarction .....	4.5	0.9	5.4	1.5	3.7	1.1	--	--	--	--	5.3	1.6	12.9	3.8
Stroke or cerebrovascular accident .....	3.8	1.0	5.9	1.8	--	--	--	--	--	--	5.7	2.1	10.6	3.5
Any of the above circulatory diseases .....	124.3	5.6	112.2	7.8	135.6	7.5	--	--	60.1	5.7	151.3	10.8	248.3	15.8
Any of the above diseases .....	183.3	6.3	134.7	8.4	228.7	9.1	84.2	24.8	112.3	7.7	201.5	10.9	349.4	18.1

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-10.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to drinking days of the week in the past year among current drinkers,<sup>1</sup> United States, 1992.

Drinking days of the week and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Holidays or special occasions only</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	9.9	3.0	15.7	5.3	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	120.6	9.8	102.9	12.9	141.1	14.2	--	--	54.0	10.6	152.1	18.5	287.2	28.6
Vitamin deficiencies or anemia .....	25.0	4.1	--	--	43.5	7.8	--	--	23.1	6.0	--	--	35.3	12.0
Cancer .....	13.5	3.1	13.3	3.8	13.7	5.0	--	--	--	--	--	--	38.3	11.8
Diabetes .....	14.7	3.4	20.1	5.7	--	--	--	--	--	--	--	--	50.1	14.7
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.2	4.4	18.0	5.8	33.5	6.9	--	--	25.5	6.5	26.4	8.0	--	--
Gastritis .....	29.7	4.7	24.1	6.3	36.2	7.0	--	--	30.0	7.3	25.4	7.0	--	--
Ulcer, gastritis, or other stomach disease .....	48.4	6.1	36.1	8.0	62.7	9.7	--	--	48.4	9.0	47.8	10.4	51.5	14.5
High blood cholesterol, high blood fat, or high lipid content .....	46.4	6.3	44.5	9.2	48.7	8.4	--	--	25.7	7.7	72.7	13.2	73.2	18.4
Hardening of the arteries or arteriosclerosis .....	8.8	2.6	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	58.2	7.2	61.0	11.2	55.0	8.7	--	--	46.0	9.8	57.5	12.2	118.3	20.7
Chest pain or angina pectoris .....	29.3	4.5	31.6	6.6	26.6	6.4	--	--	19.7	5.6	34.7	9.5	52.2	13.2
Rapid heart beat or tachycardia .....	18.6	4.3	13.4	4.8	24.5	7.3	--	--	17.4	6.1	22.8	7.6	--	--
Heart attack or myocardial infarction .....	7.6	2.4	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	122.5	9.7	127.4	14.7	116.8	12.5	--	--	77.4	11.6	138.5	18.9	263.5	30.2
Any of the above diseases .....	199.9	12.1	169.1	16.0	235.5	17.6	111.5	36.6	119.2	13.8	235.5	22.8	394.2	30.7
<u>Weekends only</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.1	0.6	3.2	0.8	3.0	0.8	--	--	3.7	0.9	--	--	--	--
Emphysema .....	3.2	0.7	2.9	0.8	3.6	1.2	--	--	--	--	5.5	2.2	31.4	10.3
Arthritis, osteoporosis or any other joint or bone disease .....	70.9	2.9	57.1	3.3	89.8	5.0	27.0	4.6	48.3	3.3	127.1	8.4	290.9	21.3
Vitamin deficiencies or anemia .....	18.9	1.5	4.6	1.1	38.4	3.0	26.6	3.8	19.3	1.8	12.6	3.4	--	--
Cancer .....	6.5	0.8	4.3	0.9	9.6	1.4	--	--	4.3	0.8	11.4	2.6	30.5	7.0
Diabetes .....	7.0	1.0	6.8	1.4	7.3	1.5	--	--	2.9	0.7	17.2	4.0	32.8	9.3
Convulsions or epilepsy .....	1.5	0.4	--	--	2.7	0.9	--	--	1.7	0.7	--	--	--	--
Stomach ulcer .....	23.5	1.7	20.0	2.2	28.2	2.6	24.8	3.9	22.8	2.3	26.2	4.0	14.6	5.1
Gastritis .....	16.0	1.3	11.7	1.5	21.9	2.4	12.0	2.9	17.3	1.8	16.9	2.9	--	--
Ulcer, gastritis, or other stomach disease .....	36.1	2.1	29.3	2.6	45.4	3.4	35.0	4.7	36.6	2.8	38.6	4.7	23.8	6.9
High blood cholesterol, high blood fat, or high lipid content .....	26.9	1.8	27.6	2.5	25.9	2.4	--	--	17.9	1.9	63.6	6.5	70.2	11.2
Hardening of the arteries or arteriosclerosis .....	1.7	0.4	2.0	0.6	1.3	0.4	--	--	--	--	4.4	1.5	--	--
High blood pressure .....	36.7	2.2	36.0	3.0	37.6	3.0	17.4	3.6	21.7	2.2	76.7	6.6	129.3	15.7
Chest pain or angina pectoris .....	22.9	1.6	22.6	2.3	23.3	2.2	14.7	3.2	20.7	2.1	30.1	4.2	52.9	9.9
Rapid heart beat or tachycardia .....	17.9	1.5	12.4	1.6	25.3	2.4	9.4	2.4	17.9	1.9	19.1	3.2	47.8	10.2
Heart attack or myocardial infarction .....	3.8	0.7	4.9	1.0	2.2	0.7	--	--	1.7	0.6	6.8	2.0	30.6	9.4
Stroke or cerebrovascular accident .....	1.9	0.5	2.3	0.7	--	--	--	--	--	--	4.4	1.6	--	--
Any of the above circulatory diseases .....	85.3	3.2	80.7	4.3	91.6	4.5	38.8	5.0	63.4	3.6	157.2	9.3	242.6	19.7
Any of the above diseases .....	127.3	3.7	95.9	4.3	170.1	6.4	86.3	6.9	101.8	4.5	185.1	10.6	364.0	22.5

See footnotes at end of table.

**Table 2-10.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to drinking days of the week in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Drinking days of the week and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Weekdays/weekends</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	6.8	1.0	7.9	1.3	4.8	1.5	--	--	6.4	1.7	10.8	2.6	--	--
Emphysema .....	6.8	1.3	9.0	1.9	--	--	--	--	--	--	5.2	1.6	28.1	5.6
Arthritis, osteoporosis or any other joint or bone disease .....	107.3	4.4	91.2	5.3	139.1	7.9	26.8	6.9	53.9	4.4	150.9	9.3	260.6	15.1
Vitamin deficiencies or anemia .....	17.8	1.8	7.2	1.3	38.8	4.5	25.0	6.5	20.4	2.8	12.1	3.0	14.2	3.5
Cancer .....	15.8	1.8	14.9	2.3	17.4	3.3	--	--	3.3	1.1	21.9	3.9	56.2	8.1
Diabetes .....	9.5	1.3	9.4	1.5	9.6	2.3	--	--	6.0	1.6	13.0	2.7	18.1	4.5
Convulsions or epilepsy .....	1.6	0.7	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	31.1	2.3	30.4	2.9	32.6	3.7	41.9	8.3	27.4	3.4	30.5	4.5	33.7	6.0
Gastritis .....	23.4	2.2	18.7	2.5	32.7	3.9	17.0	5.4	19.8	2.9	29.9	4.7	27.8	5.9
Ulcer, gastritis, or other stomach disease .....	50.4	3.1	45.5	3.7	60.1	5.1	57.1	10.0	43.4	4.3	55.1	6.1	56.6	8.1
High blood cholesterol, high blood fat, or high lipid content .....	38.5	2.9	37.1	3.2	41.2	5.4	--	--	18.6	2.7	60.9	6.7	85.8	9.5
Hardening of the arteries or arteriosclerosis .....	5.6	0.9	6.6	1.2	3.6	1.1	--	--	--	--	5.2	1.4	27.8	5.4
High blood pressure .....	58.9	3.8	59.9	4.6	56.9	5.8	33.7	13.0	25.8	2.9	83.5	7.9	135.8	11.8
Chest pain or angina pectoris .....	28.5	2.6	29.2	3.5	27.1	3.8	16.9	6.3	23.5	3.8	34.2	5.4	43.2	6.8
Rapid heart beat or tachycardia .....	22.3	2.0	18.6	2.3	29.7	3.9	--	--	14.7	2.3	30.0	4.9	38.7	5.8
Heart attack or myocardial infarction .....	6.1	1.0	7.2	1.4	4.0	1.2	--	--	--	--	9.7	2.7	19.0	4.4
Stroke or cerebrovascular accident .....	5.5	1.0	5.8	1.3	4.9	1.5	--	--	--	--	7.8	2.2	22.5	5.4
Any of the above circulatory diseases .....	122.7	5.6	122.3	6.6	123.5	8.4	68.3	14.9	68.3	5.4	159.6	10.4	268.6	15.8
Any of the above diseases .....	186.6	5.7	162.1	7.0	235.1	9.4	106.1	12.8	117.9	6.8	240.4	11.7	367.1	16.8

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-11.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to alcoholic beverage preference in the past year among current drinkers,<sup>1</sup> United States, 1992.

Alcoholic beverage preference and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Beer</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.9	0.8	3.9	1.0	--	--	--	--	4.4	1.2	--	--	--	--
Emphysema .....	6.4	1.2	7.1	1.5	--	--	--	--	--	--	14.5	3.9	45.1	11.8
Arthritis, osteoporosis or any other joint or bone disease .....	67.2	3.2	59.3	3.6	91.6	7.3	18.9	3.8	46.8	4.0	128.5	9.7	254.9	22.1
Vitamin deficiencies or anemia .....	12.0	1.3	4.9	1.1	34.0	4.3	16.0	3.4	10.8	1.7	7.8	3.0	21.8	6.9
Cancer .....	7.3	1.0	6.9	1.2	8.4	1.8	--	--	3.6	0.9	15.3	3.2	38.7	10.3
Diabetes .....	6.6	1.2	5.7	1.3	9.2	2.5	--	--	4.2	1.0	15.3	5.2	24.4	6.8
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	26.1	2.2	24.4	2.5	31.4	4.3	27.9	5.5	22.3	2.6	35.7	5.9	26.5	7.5
Gastritis .....	14.3	1.5	13.0	1.7	18.3	3.1	7.9	2.8	16.1	2.1	16.1	3.7	--	--
Ulcer, gastritis, or other stomach disease .....	37.6	2.6	34.7	2.9	46.6	5.0	33.1	6.1	35.4	3.2	49.6	6.5	38.2	8.6
High blood cholesterol, high blood fat, or high lipid content .....	23.5	2.0	23.2	2.5	24.7	3.4	--	--	17.4	2.3	51.5	7.3	66.4	12.4
Hardening of the arteries or arteriosclerosis .....	2.2	0.5	2.2	0.6	--	--	--	--	--	--	--	--	29.7	7.6
High blood pressure .....	42.5	3.1	43.3	3.7	40.0	4.9	22.9	7.3	29.4	3.2	83.3	8.9	116.7	17.0
Chest pain or angina pectoris .....	24.0	2.2	23.9	2.8	24.3	3.6	12.8	3.9	24.2	3.1	32.5	5.6	37.0	8.9
Rapid heart beat or tachycardia .....	14.3	1.6	11.0	1.7	24.6	3.9	9.2	2.8	12.6	1.8	20.6	4.9	29.8	7.4
Heart attack or myocardial infarction .....	4.5	0.9	5.0	1.1	--	--	--	--	2.6	0.9	9.5	3.3	24.1	7.8
Stroke or cerebrovascular accident .....	3.4	0.8	3.6	1.0	--	--	--	--	--	--	7.3	2.8	27.6	9.9
Any of the above circulatory diseases .....	88.6	4.2	87.8	5.0	91.1	6.8	46.6	8.7	66.4	4.6	156.2	12.0	250.3	23.5
Any of the above diseases .....	122.2	4.4	107.3	4.9	168.2	9.4	66.3	7.1	92.5	5.4	203.3	12.6	368.1	25.8
<b>Wine</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	94.8	5.6	82.2	10.4	99.3	6.8	--	--	56.2	6.9	118.2	11.3	230.3	24.2
Vitamin deficiencies or anemia .....	35.5	4.0	--	--	45.4	5.3	55.2	17.0	48.6	6.4	19.5	6.7	--	--
Cancer .....	12.4	2.2	--	--	12.1	2.4	--	--	6.7	2.3	12.9	3.9	38.5	10.8
Diabetes .....	7.3	1.6	--	--	6.5	1.8	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	21.8	2.9	13.2	4.2	25.0	3.7	--	--	24.5	4.5	18.2	4.8	--	--
Gastritis .....	21.7	3.3	--	--	27.0	4.3	--	--	21.8	4.6	26.5	6.5	--	--
Ulcer, gastritis, or other stomach disease .....	40.5	4.2	20.2	5.7	47.8	5.3	--	--	43.0	6.0	40.3	7.5	29.1	8.8
High blood cholesterol, high blood fat, or high lipid content .....	39.0	4.0	44.3	8.2	37.1	4.4	--	--	21.2	4.0	64.0	9.1	69.4	14.0
Hardening of the arteries or arteriosclerosis .....	3.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	41.6	4.0	44.9	7.8	40.4	4.6	--	--	16.3	3.2	57.2	8.9	128.9	17.7
Chest pain or angina pectoris .....	20.8	2.8	18.0	4.9	21.8	3.2	--	--	21.3	3.8	16.1	4.5	42.2	11.0
Rapid heart beat or tachycardia .....	24.4	2.8	16.4	4.4	27.3	3.5	--	--	26.1	4.3	17.8	4.3	46.4	11.0
Heart attack or myocardial infarction .....	4.1	1.2	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	101.9	6.0	112.6	12.3	98.1	6.8	--	--	67.7	6.9	126.8	12.3	231.8	22.9
Any of the above diseases .....	171.2	7.5	130.9	13.1	185.8	9.4	110.7	22.9	140.2	10.0	182.8	14.6	311.3	26.1

See footnotes at end of table.

**Table 2-11.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to alcoholic beverage preference in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Alcoholic beverage preference and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Liquor</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	8.2	2.1	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	11.5	3.0	11.7	3.9	11.3	4.7	--	--	--	--	--	--	37.3	11.3
Arthritis, osteoporosis or any other joint or bone disease .....	179.1	10.2	161.3	13.4	198.6	15.6	--	--	81.0	12.2	195.6	17.4	329.6	22.7
Vitamin deficiencies or anemia .....	16.2	3.1	--	--	23.9	5.2	--	--	20.8	5.4	--	--	--	--
Cancer .....	22.1	3.7	20.0	5.2	24.5	5.4	--	--	--	--	19.6	6.3	52.0	10.9
Diabetes .....	17.9	3.5	20.3	5.0	15.4	4.8	--	--	--	--	24.5	5.8	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	35.7	4.7	30.8	6.6	41.0	7.0	--	--	48.0	9.5	26.8	6.7	32.6	7.6
Gastritis .....	33.7	4.9	22.0	6.1	46.4	8.0	--	--	47.3	9.6	30.6	8.6	27.4	7.0
Ulcer, gastritis, or other stomach disease .....	58.7	6.3	47.3	8.4	71.1	10.0	--	--	82.7	12.4	49.2	10.3	47.6	9.4
High blood cholesterol, high blood fat, or high lipid content .....	56.1	6.0	54.7	8.2	57.5	8.5	--	--	26.1	7.7	80.2	12.5	76.3	14.6
Hardening of the arteries or arteriosclerosis .....	7.9	2.1	8.7	3.0	--	--	--	--	--	--	--	--	14.1	4.7
High blood pressure .....	88.2	7.3	92.3	11.4	83.8	9.9	--	--	32.5	7.6	109.1	13.7	150.6	18.4
Chest pain or angina pectoris .....	38.0	5.3	40.2	8.2	35.6	6.5	--	--	36.5	8.8	40.8	10.1	35.3	8.1
Rapid heart beat or tachycardia .....	33.3	4.8	26.5	6.0	40.7	7.6	--	--	24.7	6.5	36.1	9.3	43.5	10.6
Heart attack or myocardial infarction .....	11.0	2.9	13.5	3.8	--	--	--	--	--	--	--	--	30.6	10.3
Stroke or cerebrovascular accident .....	6.2	1.8	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	171.9	10.3	176.1	15.1	167.3	13.3	--	--	95.1	12.6	203.2	18.8	260.3	23.3
Any of the above diseases .....	263.2	11.5	231.2	15.1	298.0	17.1	148.3	35.6	170.5	16.8	271.8	20.0	407.9	23.4
<u>No preference</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.5	0.9	6.1	1.4	--	--	--	--	4.7	1.2	--	--	--	--
Emphysema .....	3.1	0.7	3.9	1.1	--	--	--	--	--	--	--	--	22.7	6.4
Arthritis, osteoporosis or any other joint or bone disease .....	82.1	4.3	71.7	5.3	96.6	6.4	33.8	7.8	48.4	3.7	135.8	11.1	267.1	21.5
Vitamin deficiencies or anemia .....	21.1	2.0	6.1	1.5	42.1	4.3	33.1	6.1	20.2	2.5	15.7	3.8	16.9	5.3
Cancer .....	9.8	1.4	8.8	1.7	11.2	2.4	--	--	3.2	1.0	16.8	4.3	53.0	10.1
Diabetes .....	8.7	1.3	10.6	2.1	6.1	1.4	--	--	3.4	1.1	15.5	3.9	40.3	10.2
Convulsions or epilepsy .....	1.7	0.8	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.3	2.2	22.8	3.1	28.8	3.4	32.4	5.8	23.0	3.2	27.0	4.7	20.5	7.1
Gastritis .....	21.4	2.0	18.8	2.5	25.0	3.3	23.1	5.6	17.0	2.4	24.1	4.2	39.6	11.0
Ulcer, gastritis, or other stomach disease .....	43.0	2.9	37.8	3.8	50.1	4.6	53.6	8.0	36.3	3.9	45.6	5.9	57.0	12.7
High blood cholesterol, high blood fat, or high lipid content .....	34.2	2.6	39.4	3.7	27.1	3.5	--	--	18.5	2.5	68.5	7.8	100.7	13.8
Hardening of the arteries or arteriosclerosis .....	4.4	0.9	5.6	1.3	--	--	--	--	--	--	7.1	2.3	34.4	8.7
High blood pressure .....	39.4	2.7	40.6	3.6	37.8	4.0	20.7	5.3	20.4	2.6	70.1	7.8	123.6	14.8
Chest pain or angina pectoris .....	24.9	2.2	25.2	2.8	24.3	3.3	16.9	4.3	15.7	2.2	36.8	5.8	71.3	13.1
Rapid heart beat or tachycardia .....	19.5	2.0	17.3	2.4	22.6	3.3	10.4	3.7	16.9	2.6	25.8	4.6	39.8	9.3
Heart attack or myocardial infarction .....	3.9	0.8	5.4	1.3	--	--	--	--	--	--	8.3	2.7	23.3	7.2
Stroke or cerebrovascular accident .....	2.8	0.6	3.6	0.9	--	--	--	--	--	--	--	--	24.7	7.0
Any of the above circulatory diseases .....	95.6	4.3	96.3	5.5	94.6	6.3	46.4	7.3	59.5	4.5	154.3	11.0	284.3	21.2
Any of the above diseases .....	152.2	5.4	128.6	7.2	185.2	8.0	117.2	12.0	105.8	6.0	214.3	13.2	370.4	23.8

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-12.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to type of beer drunk in the past year among current drinkers,<sup>1</sup> United States, 1992.

Type of beer drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Regular</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	6.3	1.0	6.7	1.2	5.0	1.8	--	--	7.2	1.6	9.0	2.7	--	--
Emphysema .....	7.2	1.3	8.2	1.6	--	--	--	--	--	--	7.4	2.1	45.1	9.5
Arthritis, osteoporosis or any other joint or bone disease .....	83.5	3.8	72.6	4.1	115.5	7.9	29.0	6.2	45.8	3.9	139.3	9.1	270.5	17.8
Vitamin deficiencies or anemia .....	15.5	1.6	5.0	1.0	46.4	5.1	24.3	4.5	14.0	2.0	11.8	3.2	16.3	4.5
Cancer .....	11.2	1.4	10.2	1.6	14.2	2.8	--	--	4.5	1.1	14.8	3.5	61.6	10.3
Diabetes .....	8.5	1.2	7.9	1.4	10.2	2.5	--	--	3.8	1.1	17.7	4.1	27.2	6.3
Convulsions or epilepsy .....	1.5	0.7	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	26.9	2.1	25.0	2.5	32.2	4.2	36.8	6.5	21.8	2.8	31.3	5.0	26.9	6.4
Gastritis .....	17.3	1.7	13.4	1.7	29.0	4.5	14.8	4.8	15.7	2.2	19.5	3.8	26.5	6.2
Ulcer, gastritis, or other stomach disease .....	41.7	2.6	35.9	2.9	59.0	6.0	48.8	7.9	35.4	3.5	49.0	6.1	47.5	8.4
High blood cholesterol, high blood fat, or high lipid content .....	31.1	2.4	30.4	2.8	33.3	4.1	--	--	19.8	2.6	56.6	6.6	82.9	10.3
Hardening of the arteries or arteriosclerosis .....	3.2	0.6	3.9	0.8	--	--	--	--	--	--	4.5	1.5	23.6	5.8
High blood pressure .....	47.6	3.3	46.5	3.9	50.6	5.5	35.1	9.4	24.6	2.8	80.0	8.5	126.7	13.4
Chest pain or angina pectoris .....	25.9	2.2	26.3	2.5	24.6	4.1	14.8	4.7	18.8	2.8	37.8	5.2	58.9	9.8
Rapid heart beat or tachycardia .....	17.3	1.8	14.8	1.9	24.6	3.5	5.9	2.2	11.9	1.9	30.6	4.9	37.8	8.3
Heart attack or myocardial infarction .....	6.2	1.1	6.7	1.2	--	--	--	--	--	--	11.4	3.0	29.8	7.8
Stroke or cerebrovascular accident .....	4.2	0.8	4.3	1.0	--	--	--	--	--	--	6.8	2.0	25.1	6.8
Any of the above circulatory diseases .....	99.1	4.3	96.7	5.3	106.4	7.6	58.2	10.5	61.0	4.6	156.6	11.3	259.5	17.9
Any of the above diseases .....	148.5	5.1	127.8	5.8	209.6	9.9	100.8	10.0	96.5	5.7	214.9	12.2	380.4	20.3
<b>Lite or reduced calorie</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	2.5	0.5	3.0	0.8	--	--	--	--	2.4	0.8	--	--	--	--
Emphysema .....	3.5	0.8	4.1	1.1	--	--	--	--	--	--	--	--	29.2	8.6
Arthritis, osteoporosis or any other joint or bone disease .....	74.7	3.6	67.1	4.3	85.3	5.9	27.9	5.6	47.0	3.6	136.2	10.4	249.5	20.4
Vitamin deficiencies or anemia .....	17.3	1.7	4.5	1.2	35.0	3.6	28.4	5.1	17.2	2.0	8.1	3.2	--	--
Cancer .....	6.7	1.0	7.4	1.5	5.7	1.3	--	--	2.1	0.7	13.1	3.2	32.0	7.7
Diabetes .....	6.9	1.2	7.7	1.8	5.8	1.3	--	--	3.9	0.9	12.1	4.1	27.0	8.6
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	24.1	2.0	20.1	2.4	29.6	3.1	22.3	4.4	24.0	2.6	25.4	4.4	25.7	7.5
Gastritis .....	19.3	1.7	15.8	2.1	24.1	2.8	11.4	3.1	19.7	2.3	26.2	4.0	--	--
Ulcer, gastritis, or other stomach disease .....	38.8	2.5	32.3	3.1	47.7	3.9	31.6	5.2	38.8	3.2	44.8	5.8	38.1	9.4
High blood cholesterol, high blood fat, or high lipid content .....	29.8	2.3	32.9	3.3	25.6	3.0	--	--	17.3	2.2	66.1	7.7	94.5	14.8
Hardening of the arteries or arteriosclerosis .....	3.2	0.6	3.5	0.9	2.8	0.9	--	--	--	--	6.3	2.0	23.4	6.7
High blood pressure .....	37.1	2.5	41.4	3.6	31.1	3.2	10.0	3.2	24.5	2.8	67.0	7.0	126.2	17.1
Chest pain or angina pectoris .....	21.2	2.1	21.8	3.1	20.3	2.5	14.7	4.2	20.5	2.6	23.3	4.2	39.7	9.2
Rapid heart beat or tachycardia .....	16.4	1.6	11.6	1.9	23.1	2.7	11.7	3.9	16.1	2.0	14.6	3.0	40.8	9.2
Heart attack or myocardial infarction .....	3.8	0.8	5.0	1.2	--	--	--	--	--	--	7.1	2.4	23.6	7.0
Stroke or cerebrovascular accident .....	2.6	0.6	2.8	0.8	--	--	--	--	--	--	5.3	1.7	--	--
Any of the above circulatory diseases .....	88.4	3.9	92.8	5.3	82.3	5.2	34.3	6.1	64.2	4.3	144.1	10.3	273.0	23.1
Any of the above diseases .....	132.7	4.3	111.9	5.6	161.6	7.2	82.4	8.7	100.1	4.9	200.8	12.1	339.4	23.2

See footnotes at end of table.

**Table 2-12.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to type of beer drunk in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Type of beer drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Malt, low-alcohol, or combination</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	61.0	8.4	51.3	9.6	83.8	16.8	--	--	46.3	9.2	103.4	25.5	250.0	62.8
Vitamin deficiencies or anemia .....	25.7	6.3	--	--	50.6	14.4	--	--	25.2	7.8	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	9.4	3.5	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	35.6	8.9	40.3	11.7	--	--	--	--	45.6	15.8	--	--	--	--
Gastritis .....	25.9	6.7	28.0	9.0	--	--	--	--	24.3	7.6	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	55.5	10.5	60.5	14.0	43.9	14.3	--	--	59.2	16.5	--	--	--	--
High blood cholesterol, high blood fat, or high lipid content .....	27.3	5.6	24.9	6.4	32.9	12.3	--	--	--	--	84.7	22.7	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	48.4	8.3	50.8	10.0	43.0	12.8	--	--	34.8	9.2	116.5	29.1	--	--
Chest pain or angina pectoris .....	35.9	6.7	33.9	8.1	40.5	11.5	--	--	33.4	8.6	60.8	20.3	--	--
Rapid heart beat or tachycardia .....	28.9	6.2	25.3	6.5	37.1	14.2	--	--	25.2	7.6	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	113.7	11.7	104.0	13.7	136.4	21.8	--	--	86.3	13.7	248.6	39.6	179.6	41.9
Any of the above diseases .....	155.2	13.9	133.8	16.9	205.0	26.9	75.2	20.8	128.9	19.1	236.3	38.2	427.0	71.7
<b>Does not drink beer</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.3	1.2	--	--	4.1	1.3	--	--	--	--	8.4	3.0	--	--
Emphysema .....	3.6	1.0	--	--	3.0	0.9	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	138.1	6.8	131.0	15.1	140.5	7.6	--	--	79.5	8.3	151.5	12.9	302.0	19.8
Vitamin deficiencies or anemia .....	31.3	3.7	--	--	37.5	4.6	37.6	15.1	47.2	6.6	20.6	5.5	--	--
Cancer .....	17.7	2.7	13.7	4.1	19.1	3.3	--	--	9.7	2.9	19.0	5.2	42.5	8.2
Diabetes .....	10.9	2.3	21.6	6.2	7.3	2.2	--	--	--	--	13.2	3.4	22.4	8.1
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	27.2	3.5	22.7	7.1	28.8	3.9	46.5	13.5	26.5	5.5	26.5	5.7	22.1	5.8
Gastritis .....	24.8	3.4	15.8	5.9	27.9	4.0	--	--	25.3	5.2	23.7	6.0	26.2	6.4
Ulcer, gastritis, or other stomach disease .....	46.7	4.7	37.3	9.0	49.9	5.5	65.8	15.7	48.1	7.3	43.3	7.8	41.4	8.0
High blood cholesterol, high blood fat, or high lipid content .....	44.3	4.3	51.7	8.9	41.8	5.0	--	--	22.2	4.5	67.3	9.3	65.6	10.2
Hardening of the arteries or arteriosclerosis .....	6.1	1.5	--	--	3.9	1.2	--	--	--	--	--	--	24.6	7.1
High blood pressure .....	63.5	5.1	74.5	11.6	59.8	5.8	--	--	19.7	3.8	84.7	11.0	144.8	15.7
Chest pain or angina pectoris .....	31.9	3.6	38.8	9.4	29.6	3.7	--	--	29.6	5.2	33.7	7.4	42.8	8.6
Rapid heart beat or tachycardia .....	29.3	3.5	24.1	6.9	31.1	4.0	--	--	31.7	5.6	24.7	6.4	35.6	7.0
Heart attack or myocardial infarction .....	5.3	1.4	--	--	--	--	--	--	--	--	--	--	17.7	6.1
Stroke or cerebrovascular accident .....	3.0	0.9	--	--	--	--	--	--	--	--	--	--	13.1	4.3
Any of the above circulatory diseases .....	135.0	7.2	158.5	15.5	126.9	7.9	47.1	14.7	78.3	8.0	160.9	14.2	259.9	19.0
Any of the above diseases .....	218.2	8.6	187.2	17.3	228.8	10.0	127.2	25.0	164.9	11.5	224.0	15.7	374.7	20.8

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-13.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to type of wine drunk in the past year among current drinkers,<sup>1</sup> United States, 1992.

Type of wine drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Regular</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.6	0.6	5.0	1.0	1.9	0.6	--	--	3.4	0.9	3.8	1.2	--	--
Emphysema .....	3.7	0.8	5.0	1.4	2.0	0.6	--	--	--	--	3.0	1.0	19.7	4.5
Arthritis, osteoporosis or any other joint or bone disease .....	91.8	3.4	73.5	4.0	114.8	5.5	23.5	5.6	45.7	3.1	142.5	8.0	262.5	15.1
Vitamin deficiencies or anemia .....	18.7	1.6	5.0	1.1	35.8	3.3	20.4	4.6	21.8	2.2	15.3	3.2	10.4	2.8
Cancer .....	13.0	1.4	12.0	1.9	14.2	2.1	--	--	4.2	0.9	18.2	3.1	53.2	7.4
Diabetes .....	6.7	0.9	6.9	1.3	6.4	1.3	--	--	2.9	0.9	9.6	2.2	25.1	5.5
Convulsions or epilepsy .....	1.0	0.3	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	21.8	1.6	17.7	2.1	26.9	2.6	24.0	4.7	18.9	2.2	24.9	3.5	25.7	5.0
Gastritis .....	19.9	1.7	15.9	2.1	24.9	2.5	13.4	4.6	18.1	2.1	23.9	3.5	25.8	5.7
Ulcer, gastritis, or other stomach disease .....	37.9	2.2	30.1	2.8	47.7	3.4	36.3	6.5	32.7	2.7	44.6	4.7	47.4	7.3
High blood cholesterol, high blood fat, or high lipid content .....	37.9	2.2	40.9	3.1	34.3	2.9	--	--	18.9	2.2	70.1	5.8	85.1	8.7
Hardening of the arteries or arteriosclerosis .....	4.4	0.7	5.3	1.0	3.1	0.8	--	--	--	--	6.9	1.7	22.2	4.6
High blood pressure .....	44.3	2.4	44.2	3.2	44.4	3.3	13.8	4.7	21.9	2.1	68.3	5.9	125.9	10.9
Chest pain or angina pectoris .....	21.8	1.8	22.4	2.7	21.1	2.2	15.7	4.4	15.6	2.1	24.8	3.6	51.0	7.4
Rapid heart beat or tachycardia .....	19.4	1.6	14.8	1.8	25.1	2.6	10.7	3.9	16.2	1.9	21.9	3.4	38.1	5.6
Heart attack or myocardial infarction .....	4.4	0.7	5.6	1.1	2.8	0.7	--	--	--	--	6.7	1.8	19.7	4.3
Stroke or cerebrovascular accident .....	2.6	0.5	3.2	0.7	--	--	--	--	--	--	4.1	1.3	12.0	3.2
Any of the above circulatory diseases .....	102.3	3.8	104.0	5.1	100.2	5.0	40.9	7.4	60.3	3.7	149.6	8.5	254.1	14.3
Any of the above diseases .....	155.0	4.3	122.8	5.3	195.4	6.6	80.9	9.2	100.6	4.5	212.5	9.3	355.2	16.1
<b>Wine cooler</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	61.1	5.8	49.9	8.6	69.0	8.1	34.9	8.8	51.9	7.1	156.9	29.9	248.1	75.5
Vitamin deficiencies or anemia .....	33.0	4.1	--	--	51.0	6.5	42.3	8.1	30.1	5.3	--	--	--	--
Cancer .....	4.6	1.6	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	6.2	2.0	--	--	7.4	2.8	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	29.0	4.6	28.3	8.6	29.5	4.9	30.3	7.4	30.1	7.0	--	--	--	--
Gastritis .....	22.4	3.6	17.2	4.6	26.0	5.3	16.7	5.0	24.4	5.4	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	47.7	5.8	43.1	9.4	50.8	7.3	43.8	8.7	50.4	8.5	40.6	12.7	--	--
High blood cholesterol, high blood fat, or high lipid content .....	20.4	3.7	18.6	6.4	21.6	4.4	--	--	16.8	3.8	70.2	21.6	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	21.7	3.5	20.1	6.2	22.9	4.3	--	--	11.8	2.9	79.4	21.1	--	--
Chest pain or angina pectoris .....	18.3	3.1	14.8	4.5	20.8	3.9	--	--	22.2	4.3	--	--	--	--
Rapid heart beat or tachycardia .....	19.5	3.1	11.7	3.7	24.9	4.6	13.8	4.6	20.8	4.3	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	67.2	6.1	55.0	9.8	75.7	7.7	38.5	8.6	58.4	6.9	157.4	28.5	319.2	78.5
Any of the above diseases .....	136.6	9.1	99.6	12.9	162.4	12.5	116.1	15.0	130.3	12.2	199.5	31.5	329.1	84.3

See footnotes at end of table.



**Table 2-13.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to type of wine drunk in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Type of wine drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Fortified or combination</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease	95.5	13.3	74.9	18.0	113.6	19.1	--	--	103.7	20.3	111.0	26.6	201.9	58.9
Vitamin deficiencies or anemia	44.9	9.8	--	--	64.4	15.9	--	--	52.5	14.8	--	--	--	--
Cancer	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer	41.4	9.0	--	--	41.5	11.8	--	--	44.4	12.7	--	--	--	--
Gastritis	40.5	9.5	--	--	53.5	14.4	--	--	--	--	--	--	--	--
Ulcer, gastritis, or other stomach disease	75.4	12.7	64.3	17.8	85.1	18.0	--	--	75.4	17.5	85.0	29.0	--	--
High blood cholesterol, high blood fat, or high lipid content	37.6	8.4	34.0	10.8	40.7	12.8	--	--	--	--	91.5	29.6	--	--
Hardening of the arteries or arteriosclerosis	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure	45.4	9.9	50.0	15.8	41.4	12.2	--	--	--	--	115.5	36.0	--	--
Chest pain or angina pectoris	46.8	10.4	--	--	64.4	17.0	--	--	--	--	90.6	26.7	--	--
Rapid heart beat or tachycardia	27.1	8.4	--	--	37.3	14.0	--	--	40.9	14.7	--	--	--	--
Heart attack or myocardial infarction	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases	117.7	15.4	93.5	20.4	138.7	22.4	--	--	98.5	19.8	198.7	45.2	237.8	67.9
Any of the above diseases	187.6	18.0	148.5	24.4	221.7	26.1	--	--	194.0	26.0	197.6	39.3	286.7	67.6
<b>Does not drink wine</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease	5.9	1.1	6.2	1.3	5.0	1.7	--	--	5.8	1.6	10.6	3.0	--	--
Emphysema	8.5	1.4	8.5	1.5	8.5	3.1	--	--	2.7	0.9	11.9	3.5	49.0	10.8
Arthritis, osteoporosis or any other joint or bone disease	87.9	4.2	76.6	4.5	121.0	9.4	25.3	6.1	52.5	5.1	132.5	9.5	296.5	19.4
Vitamin deficiencies or anemia	13.2	1.7	5.8	1.3	34.7	5.0	22.1	5.6	11.3	1.9	7.7	2.7	21.1	6.4
Cancer	8.2	1.1	6.7	1.2	12.7	2.4	--	--	3.3	1.0	14.1	2.9	36.7	7.3
Diabetes	11.8	1.6	11.5	1.9	12.9	2.9	--	--	4.6	1.2	26.0	5.7	33.1	7.4
Convulsions or epilepsy	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer	30.2	2.4	28.5	2.9	35.2	4.4	33.6	8.0	28.5	3.4	32.0	5.2	29.6	6.6
Gastritis	16.2	1.7	13.3	1.9	24.9	3.9	9.5	3.8	16.8	2.4	19.9	3.7	16.5	4.7
Ulcer, gastritis, or other stomach disease	42.9	2.8	39.2	3.3	53.8	5.5	40.8	8.7	42.3	4.1	47.1	5.7	39.8	7.5
High blood cholesterol, high blood fat, or high lipid content	28.2	2.5	25.9	2.9	35.2	4.6	--	--	19.1	3.0	49.8	7.1	66.9	10.1
Hardening of the arteries or arteriosclerosis	3.3	0.7	3.6	0.8	--	--	--	--	--	--	--	--	23.5	5.9
High blood pressure	55.8	3.8	53.5	4.5	62.7	6.2	33.2	10.1	32.8	4.0	90.5	8.7	143.9	14.6
Chest pain or angina pectoris	30.7	2.5	30.8	3.0	30.4	4.5	18.2	5.4	27.5	3.4	41.9	6.5	44.1	8.1
Rapid heart beat or tachycardia	18.8	2.1	15.0	2.2	29.8	4.6	--	--	14.1	2.3	30.7	5.6	34.9	8.0
Heart attack or myocardial infarction	6.3	1.1	6.8	1.3	--	--	--	--	--	--	10.1	2.8	31.5	8.6
Stroke or cerebrovascular accident	4.6	0.9	4.8	1.2	--	--	--	--	--	--	8.0	2.6	30.0	8.1
Any of the above circulatory diseases	108.9	4.9	103.1	5.8	125.7	8.6	55.5	11.4	73.7	5.7	165.4	12.3	269.7	19.6
Any of the above diseases	152.9	5.4	132.4	6.0	212.4	10.9	85.8	11.2	104.2	6.8	216.2	12.7	399.0	20.6

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-14.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to type of liquor drunk in the past year among current drinkers,<sup>1</sup> United States, 1992.

Type of liquor drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Mixed drink</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.2	0.7	5.1	1.0	3.2	0.8	--	--	3.1	0.8	7.7	2.1	--	--
Emphysema .....	4.8	0.9	5.8	1.4	3.6	1.0	--	--	2.6	1.2	3.6	1.1	28.5	6.1
Arthritis, osteoporosis or any other joint or bone disease .....	93.2	3.6	78.4	4.4	112.2	5.7	26.7	5.8	49.9	3.3	154.3	8.3	289.9	15.4
Vitamin deficiencies or anemia .....	19.0	1.5	5.6	1.1	36.0	3.0	24.0	4.1	21.4	2.0	12.0	2.9	14.4	3.6
Cancer .....	12.4	1.2	11.7	1.7	13.2	1.7	--	--	4.3	0.9	18.8	3.1	58.7	7.7
Diabetes .....	8.8	1.1	9.9	1.5	7.4	1.5	--	--	4.5	1.0	16.7	2.9	22.2	5.5
Convulsions or epilepsy .....	1.3	0.3	--	--	2.0	0.6	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.3	1.7	22.7	2.3	28.6	2.5	25.5	4.2	23.9	2.6	28.9	3.9	23.6	4.8
Gastritis .....	20.9	1.5	15.9	1.9	27.4	2.6	14.8	3.8	20.4	2.0	24.8	3.4	25.3	5.5
Ulcer, gastritis, or other stomach disease .....	42.3	2.2	35.7	2.8	50.7	3.4	38.2	5.6	40.5	3.1	48.1	4.7	44.8	7.0
High blood cholesterol, high blood fat, or high lipid content .....	35.2	2.3	35.7	3.0	34.6	3.0	--	--	19.7	2.3	69.9	5.9	84.6	9.6
Hardening of the arteries or arteriosclerosis .....	3.6	0.6	3.9	0.8	3.3	0.8	--	--	--	--	5.3	1.5	22.7	4.6
High blood pressure .....	45.0	2.7	46.9	3.9	42.5	3.2	20.1	6.3	23.7	2.5	76.2	6.2	124.5	10.9
Chest pain or angina pectoris .....	25.5	1.9	24.9	2.7	26.3	2.4	11.3	2.8	21.5	2.4	34.0	4.4	51.1	7.5
Rapid heart beat or tachycardia .....	21.3	1.6	16.3	1.9	27.7	2.6	10.4	2.8	18.3	2.0	26.1	3.7	44.9	6.2
Heart attack or myocardial infarction .....	4.1	0.7	5.1	1.0	2.9	0.8	--	--	--	--	5.2	1.4	24.1	5.5
Stroke or cerebrovascular accident .....	2.8	0.5	3.6	0.8	1.7	0.6	--	--	--	--	4.8	1.4	14.5	3.6
Any of the above circulatory diseases .....	101.5	3.9	99.9	5.4	103.5	4.7	42.2	7.5	65.4	3.9	157.8	8.9	258.1	14.8
Any of the above diseases .....	160.3	4.5	130.8	5.6	197.8	6.5	89.4	8.4	109.9	4.7	228.6	9.7	383.1	16.9
<u>Straight liquor</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	8.1	2.0	8.0	2.3	--	--	--	--	--	--	--	--	--	--
Emphysema .....	7.3	2.2	9.2	2.8	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	88.0	7.2	76.2	7.8	133.8	17.7	31.1	9.8	54.2	8.2	124.3	17.7	270.2	33.1
Vitamin deficiencies or anemia .....	14.5	3.3	--	--	46.7	12.3	--	--	15.0	4.4	--	--	--	--
Cancer .....	8.8	2.7	5.3	1.7	--	--	--	--	--	--	--	--	--	--
Diabetes .....	10.4	2.5	10.8	2.9	--	--	--	--	--	--	--	--	51.1	17.2
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	31.9	5.5	30.3	6.3	38.1	10.9	48.7	17.1	32.0	7.3	--	--	--	--
Gastritis .....	18.4	3.4	13.3	3.6	38.1	8.9	--	--	14.0	4.4	17.0	5.7	--	--
Ulcer, gastritis, or other stomach disease .....	45.5	6.0	39.2	6.8	69.6	13.3	71.3	19.3	42.1	7.9	35.8	10.2	--	--
High blood cholesterol, high blood fat, or high lipid content .....	38.6	5.3	37.0	5.8	44.9	13.1	--	--	20.7	4.9	79.2	14.7	85.1	22.8
Hardening of the arteries or arteriosclerosis .....	7.7	2.1	8.8	2.6	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	68.4	7.1	62.3	7.5	92.4	17.4	--	--	31.7	6.7	128.0	20.0	204.4	31.3
Chest pain or angina pectoris .....	31.6	4.7	31.7	5.5	31.4	8.7	--	--	19.9	5.2	45.7	12.1	53.0	15.7
Rapid heart beat or tachycardia .....	19.1	3.4	16.4	3.5	29.6	9.6	--	--	12.5	4.1	29.4	8.5	--	--
Heart attack or myocardial infarction .....	10.7	2.8	12.7	3.5	--	--	--	--	--	--	33.5	11.0	--	--
Stroke or cerebrovascular accident .....	5.4	1.8	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	124.4	9.0	116.0	9.7	157.0	20.9	58.6	16.5	73.9	9.6	210.5	23.2	289.1	36.3
Any of the above diseases .....	168.0	11.0	147.9	12.3	245.9	25.2	112.0	21.8	118.2	12.7	232.2	27.0	362.3	36.5

See footnotes at end of table.

**Table 2-14.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to type of liquor drunk in the past year among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Type of liquor drunk and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<u>Liqueurs or combination</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	69.9	8.7	55.8	10.8	88.1	13.9	--	--	61.8	10.9	85.3	19.7	262.4	65.5
Vitamin deficiencies or anemia .....	26.2	6.5	--	--	56.8	14.1	--	--	26.7	7.4	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	33.3	6.2	23.3	7.9	46.1	9.8	--	--	27.2	7.0	--	--	--	--
Gastritis .....	27.7	5.9	17.9	6.1	40.3	11.1	--	--	26.7	7.9	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	52.2	7.6	35.1	9.4	74.3	13.8	--	--	47.0	9.9	57.3	20.1	--	--
High blood cholesterol, high blood fat, or high lipid content .....	24.2	5.1	21.2	6.7	28.0	7.8	--	--	25.6	7.2	--	--	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	31.4	6.4	28.2	7.7	35.5	10.8	--	--	27.7	8.5	49.2	17.4	--	--
Chest pain or angina pectoris .....	19.7	5.5	--	--	--	--	--	--	21.6	8.1	--	--	--	--
Rapid heart beat or tachycardia .....	13.7	4.0	--	--	--	--	--	--	--	--	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	80.6	10.1	79.8	13.8	81.7	14.4	--	--	76.9	13.6	114.5	25.7	--	--
Any of the above diseases .....	136.9	12.4	92.1	14.1	194.8	21.9	120.8	31.8	113.5	14.7	158.4	29.6	374.4	73.4
<u>Does not drink liquor</u>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.1	1.0	4.8	1.4	--	--	--	--	6.3	1.8	--	--	--	--
Emphysema .....	4.8	1.1	5.5	1.3	--	--	--	--	--	--	10.3	3.6	27.1	7.8
Arthritis, osteoporosis or any other joint or bone disease .....	76.4	3.8	65.0	4.6	95.9	6.9	23.9	5.6	47.8	4.3	120.3	10.1	236.2	20.9
Vitamin deficiencies or anemia .....	18.9	2.1	6.9	1.7	39.6	4.5	31.7	7.0	17.3	2.6	13.1	3.7	25.3	7.1
Cancer .....	7.1	1.2	6.2	1.5	8.5	1.8	--	--	4.2	1.2	9.6	2.6	24.6	6.7
Diabetes .....	7.5	1.5	6.4	2.0	9.4	2.4	--	--	2.7	0.9	15.9	5.7	26.7	7.6
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	24.3	2.4	22.0	3.1	28.2	3.7	28.2	7.6	22.7	3.0	27.4	5.1	19.7	6.4
Gastritis .....	16.5	2.0	14.7	2.5	19.6	3.6	--	--	16.8	2.8	20.3	4.6	--	--
Ulcer, gastritis, or other stomach disease .....	38.0	3.1	34.1	3.9	44.8	4.9	33.4	8.0	36.0	4.0	44.5	6.6	40.8	9.7
High blood cholesterol, high blood fat, or high lipid content .....	26.3	2.5	26.3	3.3	26.4	3.5	--	--	15.2	2.5	50.7	8.0	67.4	12.4
Hardening of the arteries or arteriosclerosis .....	2.3	0.6	2.9	0.9	--	--	--	--	--	--	--	--	22.6	6.7
High blood pressure .....	42.1	3.3	42.7	4.3	41.2	4.6	30.8	8.1	23.5	3.2	67.2	7.9	117.2	15.7
Chest pain or angina pectoris .....	24.1	2.4	25.1	3.2	22.3	3.1	17.8	7.0	22.2	3.2	26.7	4.5	40.3	9.4
Rapid heart beat or tachycardia .....	16.9	2.0	11.7	2.3	25.8	3.6	--	--	15.5	2.3	19.7	5.2	27.0	8.0
Heart attack or myocardial infarction .....	5.1	1.1	6.2	1.6	--	--	--	--	--	--	7.3	2.8	24.7	8.0
Stroke or cerebrovascular accident .....	4.0	1.0	5.4	1.5	--	--	--	--	--	--	--	--	25.5	9.5
Any of the above circulatory diseases .....	94.9	4.9	94.8	6.5	95.2	6.6	54.9	10.8	62.3	5.1	142.2	12.2	251.5	22.1
Any of the above diseases .....	135.9	5.2	112.8	6.3	175.5	9.2	81.5	11.4	100.6	6.2	183.1	12.7	335.9	23.0

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-15.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to family history of alcoholism among current drinkers,<sup>1</sup> United States, 1992.

Family history of alcoholism and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>None</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	2.9	0.6	3.2	0.7	--	--	--	--	2.2	0.7	5.0	1.4	--	--
Emphysema .....	5.8	1.0	6.4	1.2	4.8	1.8	--	--	--	--	6.6	2.3	30.4	6.2
Arthritis, osteoporosis or any other joint or bone disease .....	77.8	3.2	65.5	3.7	100.3	6.3	7.7	2.4	29.7	2.9	110.3	7.5	265.4	14.0
Vitamin deficiencies or anemia .....	13.0	1.4	4.2	1.0	29.1	3.4	11.4	3.6	15.7	2.1	8.8	2.6	12.6	3.4
Cancer .....	9.9	1.3	8.2	1.5	13.1	2.4	--	--	3.4	0.9	11.6	2.7	38.6	6.1
Diabetes .....	8.4	1.3	9.8	1.7	5.9	1.6	--	--	3.1	1.0	15.0	3.8	23.3	5.0
Convulsions or epilepsy .....	1.7	0.7	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	20.0	1.7	18.7	2.2	22.5	2.7	24.8	5.0	17.5	2.4	21.1	3.8	21.8	4.3
Gastritis .....	14.4	1.4	11.5	1.7	19.9	2.4	15.6	3.9	12.9	2.0	15.4	2.7	16.8	3.6
Ulcer, gastritis, or other stomach disease .....	30.8	2.1	26.6	2.6	38.5	3.4	35.1	5.9	26.8	2.9	34.1	4.6	34.1	5.3
High blood cholesterol, high blood fat, or high lipid content .....	30.4	2.3	27.8	2.7	35.2	3.6	--	--	14.2	2.1	54.5	6.1	70.8	7.6
Hardening of the arteries or arteriosclerosis .....	5.2	0.8	6.6	1.1	2.6	0.9	--	--	--	--	7.4	2.0	24.0	4.6
High blood pressure .....	47.2	2.8	45.2	3.5	51.0	4.3	16.4	4.6	20.2	2.5	73.5	7.1	128.1	10.9
Chest pain or angina pectoris .....	18.1	1.6	17.1	2.1	19.9	2.6	--	--	12.4	2.0	21.3	3.5	44.8	6.8
Rapid heart beat or tachycardia .....	13.9	1.5	11.2	1.6	18.8	2.6	--	--	10.2	1.7	18.4	3.5	31.5	5.8
Heart attack or myocardial infarction .....	5.8	1.0	6.7	1.3	4.1	1.5	--	--	--	--	8.8	2.5	25.4	5.6
Stroke or cerebrovascular accident .....	3.4	0.7	4.1	0.9	--	--	--	--	--	--	5.0	1.8	16.5	3.7
Any of the above circulatory diseases .....	95.5	3.9	91.5	4.9	102.7	5.8	29.5	5.6	49.5	3.8	138.5	9.6	251.1	14.1
Any of the above diseases .....	132.2	4.4	110.6	5.2	172.2	7.5	53.2	7.1	74.8	4.7	173.3	9.5	347.1	15.2
<b>2nd degree relatives only</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.9	1.2	6.4	1.8	--	--	--	--	5.1	1.8	--	--	--	--
Emphysema .....	2.4	0.7	2.8	1.0	--	--	--	--	--	--	--	--	33.3	11.4
Arthritis, osteoporosis or any other joint or bone disease .....	77.4	4.8	64.0	5.5	97.6	8.0	27.9	6.1	51.1	7.0	145.4	13.4	291.5	37.5
Vitamin deficiencies or anemia .....	17.6	2.4	4.0	1.4	38.1	5.4	18.2	5.2	17.9	2.9	16.0	6.6	--	--
Cancer .....	9.4	1.6	9.5	2.2	9.4	2.4	--	--	--	--	18.1	4.8	71.6	17.9
Diabetes .....	5.9	1.2	5.0	1.3	7.1	2.2	--	--	--	--	15.3	4.1	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	25.4	2.7	25.3	3.6	25.5	4.0	17.8	4.8	28.0	4.1	26.5	5.9	--	--
Gastritis .....	20.6	2.4	15.5	2.7	28.3	4.4	--	--	21.8	3.4	26.2	6.3	--	--
Ulcer, gastritis, or other stomach disease .....	42.8	3.6	39.2	4.5	48.2	5.6	25.7	5.9	46.7	5.2	47.4	8.4	54.6	15.6
High blood cholesterol, high blood fat, or high lipid content .....	27.5	2.8	29.0	3.8	25.2	3.8	--	--	16.7	2.8	61.8	8.9	105.1	22.5
Hardening of the arteries or arteriosclerosis .....	3.0	0.8	2.8	0.8	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	32.7	3.2	33.2	4.5	32.0	4.4	13.0	4.2	24.1	4.0	56.2	8.3	113.4	24.5
Chest pain or angina pectoris .....	20.3	2.7	22.4	3.8	17.0	3.0	13.3	4.2	17.5	3.6	27.2	5.6	51.6	15.0
Rapid heart beat or tachycardia .....	14.5	2.1	12.1	2.7	18.1	3.3	--	--	10.9	2.1	21.9	5.6	52.9	13.9
Heart attack or myocardial infarction .....	2.9	0.9	4.2	1.5	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	2.5	0.8	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	78.8	4.9	78.6	6.5	79.1	6.8	30.2	6.4	56.1	5.5	141.3	12.8	272.6	34.6
Any of the above diseases .....	142.3	6.3	115.5	7.3	182.6	10.3	77.1	10.1	113.2	8.6	220.9	17.1	412.1	39.3

See footnotes at end of table.

**Table 2-15.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to family history of alcoholism among current drinkers,<sup>1</sup> United States, 1992. (Continued)

Family history of alcoholism and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>1st degree relatives only</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	5.5	1.9	--	--	--	--	--	--	--	--	--	--	--	--
Emphysema .....	7.6	3.0	10.5	4.8	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	115.7	7.8	100.3	10.3	137.8	12.1	--	--	62.7	7.9	168.1	17.3	288.4	31.6
Vitamin deficiencies or anemia .....	15.0	2.5	--	--	28.7	5.1	--	--	15.1	3.3	--	--	--	--
Cancer .....	12.3	2.6	11.5	3.2	13.5	4.4	--	--	--	--	23.0	7.9	47.4	12.2
Diabetes .....	10.8	2.7	13.5	4.2	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	32.9	4.1	25.7	5.1	43.3	6.8	--	--	23.7	4.3	39.8	9.3	39.8	11.2
Gastritis .....	23.6	3.8	20.3	5.0	28.2	6.1	--	--	16.8	4.2	38.2	10.6	--	--
Ulcer, gastritis, or other stomach disease .....	54.2	5.5	44.0	7.1	68.9	8.8	64.9	18.5	39.6	5.9	73.7	13.5	63.2	17.9
High blood cholesterol, high blood fat, or high lipid content .....	40.5	4.7	42.0	6.8	38.2	6.7	--	--	16.2	3.5	82.5	14.3	73.8	17.1
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	70.2	7.4	72.0	11.1	67.5	9.0	--	--	31.2	5.6	105.7	15.7	165.4	24.9
Chest pain or angina pectoris .....	36.5	5.4	44.9	8.2	24.4	5.6	--	--	26.9	7.0	49.2	11.6	44.7	12.2
Rapid heart beat or tachycardia .....	25.3	3.6	20.1	4.2	32.8	6.6	--	--	24.2	5.4	18.4	6.5	38.5	10.7
Heart attack or myocardial infarction .....	7.2	1.6	10.0	2.6	--	--	--	--	--	--	--	--	34.0	10.8
Stroke or cerebrovascular accident .....	5.4	2.0	8.7	3.3	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	134.4	9.3	142.3	13.8	123.1	11.3	129.6	40.7	76.8	9.3	184.9	20.0	272.5	28.9
Any of the above diseases .....	191.3	9.9	166.8	13.2	226.7	14.0	137.4	30.8	117.2	10.9	262.1	21.7	402.2	34.5
<b>Both 1st and 2nd degree relatives</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	6.3	1.4	8.6	2.3	3.7	1.4	--	--	7.7	2.1	--	--	--	--
Emphysema .....	4.5	1.1	6.6	2.0	--	--	--	--	--	--	8.9	3.0	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	100.7	5.3	85.8	6.8	117.1	8.2	48.5	9.8	76.6	5.9	183.7	14.4	287.7	38.4
Vitamin deficiencies or anemia .....	33.9	2.9	12.1	2.8	57.9	5.1	60.7	9.4	30.1	3.5	19.9	5.0	--	--
Cancer .....	10.5	1.6	8.6	2.1	12.6	2.5	--	--	6.3	1.5	18.4	5.0	63.8	21.8
Diabetes .....	9.9	1.6	7.6	2.0	12.4	2.7	--	--	7.4	1.8	16.2	4.9	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	35.5	3.4	32.9	4.9	38.4	4.5	44.1	8.8	32.1	4.7	38.0	7.1	--	--
Gastritis .....	26.6	2.9	20.8	3.6	33.0	4.3	17.3	7.0	26.6	3.6	28.3	5.4	--	--
Ulcer, gastritis, or other stomach disease .....	56.4	4.3	49.3	5.9	64.3	5.9	61.4	11.1	52.8	5.5	56.4	8.2	93.5	28.0
High blood cholesterol, high blood fat, or high lipid content .....	36.9	3.3	41.4	5.1	31.8	4.1	--	--	28.3	3.9	74.3	9.8	118.0	30.4
Hardening of the arteries or arteriosclerosis .....	1.7	0.6	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	44.0	3.7	51.0	5.6	36.3	4.6	25.7	8.1	29.2	3.8	89.5	11.7	119.3	28.2
Chest pain or angina pectoris .....	38.3	3.4	39.0	5.1	37.6	4.4	22.2	7.4	36.7	4.2	52.3	9.0	67.4	20.0
Rapid heart beat or tachycardia .....	31.9	3.1	23.2	3.9	41.5	4.8	19.1	6.0	29.5	3.9	42.2	8.1	77.7	22.6
Heart attack or myocardial infarction .....	3.8	1.0	4.9	1.7	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	2.6	0.8	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	116.1	5.9	117.8	8.2	114.2	7.9	63.4	11.8	94.8	6.6	193.7	15.6	288.6	38.8
Any of the above diseases .....	185.1	6.8	150.5	9.3	223.2	10.1	157.0	15.7	150.4	8.0	267.1	17.2	434.5	43.4

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-16.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to having alcoholic parents among current drinkers,<sup>1</sup> United States, 1992.

Having alcoholic parents and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Yes</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	6.2	1.4	7.8	2.2	4.2	1.5	--	--	6.9	1.9	--	--	--	--
Emphysema .....	5.5	1.6	8.3	2.8	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	99.5	5.1	86.7	6.8	114.6	7.4	40.7	8.1	73.7	5.6	171.8	13.4	308.4	33.3
Vitamin deficiencies or anemia .....	29.7	2.6	10.2	2.5	52.9	4.8	47.9	8.2	28.8	3.4	18.6	4.6	--	--
Cancer .....	9.1	1.5	7.5	2.0	11.0	2.4	--	--	5.0	1.3	18.5	5.3	49.2	14.3
Diabetes .....	10.1	1.7	9.8	2.4	10.3	2.4	--	--	5.2	1.5	16.6	4.8	66.9	20.2
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	34.7	3.5	32.8	4.9	37.0	4.5	42.4	9.1	29.2	4.5	40.4	7.0	46.0	15.2
Gastritis .....	23.0	2.5	18.7	3.2	28.2	3.8	--	--	24.0	3.3	31.4	6.4	--	--
Ulcer, gastritis, or other stomach disease .....	53.4	4.2	48.2	5.7	59.6	5.7	49.5	9.5	49.0	5.3	64.5	9.1	70.4	19.4
High blood cholesterol, high blood fat, or high lipid content .....	39.0	3.3	40.8	4.8	36.8	4.4	--	--	24.7	3.6	86.7	10.1	96.3	20.9
Hardening of the arteries or arteriosclerosis .....	1.6	0.5	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	51.8	4.5	59.7	7.2	42.5	4.9	34.2	13.3	32.7	4.0	96.2	11.6	148.3	27.6
Chest pain or angina pectoris .....	39.8	3.6	45.6	5.8	32.8	3.7	28.8	8.1	36.9	4.5	52.0	8.4	59.9	16.1
Rapid heart beat or tachycardia .....	30.6	2.8	26.8	3.8	35.2	4.3	19.8	5.5	27.9	3.5	41.6	7.6	54.3	14.9
Heart attack or myocardial infarction .....	4.6	1.0	6.2	1.7	--	--	--	--	--	--	7.7	2.3	--	--
Stroke or cerebrovascular accident .....	3.5	0.9	4.5	1.4	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	120.6	6.0	129.6	9.1	110.0	7.3	80.0	15.6	91.0	6.4	199.1	15.2	273.9	31.8
Any of the above diseases .....	179.1	6.6	151.5	9.2	211.9	9.4	130.0	14.2	145.0	8.0	258.0	16.8	425.4	34.3
<b>No</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.8	0.5	4.5	0.7	2.8	0.7	--	--	3.4	0.7	6.2	1.4	--	--
Emphysema .....	4.8	0.7	5.5	0.9	3.6	1.1	--	--	--	--	5.8	1.7	30.2	5.0
Arthritis, osteoporosis or any other joint or bone disease .....	83.2	2.8	69.2	3.1	106.3	5.0	21.9	4.1	41.8	2.9	129.7	6.6	269.1	11.8
Vitamin deficiencies or anemia .....	15.5	1.1	4.6	0.8	33.5	2.6	19.0	3.3	16.6	1.6	11.4	2.5	14.5	3.1
Cancer .....	10.6	1.0	9.3	1.2	12.7	1.7	--	--	3.8	0.7	14.9	2.3	45.3	5.6
Diabetes .....	7.9	0.9	8.4	1.2	7.1	1.3	--	--	3.4	0.7	14.8	2.7	22.0	3.9
Convulsions or epilepsy .....	1.6	0.5	--	--	2.4	0.8	--	--	2.0	0.8	--	--	--	--
Stomach ulcer .....	23.4	1.4	21.2	1.9	27.2	2.3	25.2	3.4	22.6	2.0	24.2	3.1	23.1	3.7
Gastritis .....	18.5	1.3	14.2	1.5	25.6	2.3	16.6	3.4	17.0	1.7	20.5	2.6	23.9	4.2
Ulcer, gastritis, or other stomach disease .....	38.2	1.9	32.3	2.3	47.9	3.1	38.5	4.7	35.9	2.6	40.7	4.0	42.6	5.4
High blood cholesterol, high blood fat, or high lipid content .....	30.2	1.8	29.9	2.2	30.7	2.6	--	--	16.4	1.7	56.5	4.7	76.9	7.7
Hardening of the arteries or arteriosclerosis .....	4.2	0.6	5.0	0.8	2.9	0.7	--	--	--	--	6.6	1.4	24.2	3.9
High blood pressure .....	44.0	2.3	43.0	2.9	45.6	3.1	16.7	3.4	21.7	2.0	71.7	5.4	129.0	9.2
Chest pain or angina pectoris .....	20.6	1.4	20.0	1.8	21.5	2.1	10.4	2.2	15.8	1.8	26.3	3.2	45.8	5.8
Rapid heart beat or tachycardia .....	15.8	1.3	11.4	1.3	23.1	2.2	6.8	2.0	12.9	1.5	18.6	2.9	36.9	4.9
Heart attack or myocardial infarction .....	4.9	0.6	6.2	0.9	2.9	0.7	--	--	--	--	8.6	1.9	24.3	4.4
Stroke or cerebrovascular accident .....	3.2	0.5	3.7	0.7	2.3	0.7	--	--	--	--	5.1	1.4	18.4	3.8
Any of the above circulatory diseases .....	94.5	3.3	91.0	4.0	100.4	4.5	33.8	4.5	56.6	3.1	143.1	7.3	258.1	12.2
Any of the above diseases .....	144.8	3.6	118.5	4.4	188.1	5.8	79.0	6.6	94.1	4.0	199.4	8.5	362.8	12.8

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-17.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to having married/lived as if married with an alcoholic according to current drinkers,<sup>1</sup> United States, 1992.

Having married/lived as if married with an alcoholic and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Yes</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	8.1	2.3	--	--	6.0	2.0	--	--	8.3	3.0	--	--	--	--
Emphysema .....	6.6	2.1	--	--	7.0	2.6	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	142.7	8.2	129.6	13.8	148.8	9.6	66.5	21.5	102.4	10.9	203.0	17.5	335.7	37.3
Vitamin deficiencies or anemia .....	42.0	4.4	--	--	57.5	6.1	113.4	27.3	46.9	5.8	16.1	5.4	--	--
Cancer .....	16.5	2.8	17.5	5.5	16.0	3.1	--	--	12.2	3.0	16.3	5.1	69.8	21.1
Diabetes .....	9.6	1.9	--	--	10.9	2.3	--	--	8.0	2.2	14.9	4.5	--	--
Convulsions or epilepsy .....	5.4	2.3	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	49.5	4.8	56.3	10.1	46.3	5.3	--	--	49.9	7.0	57.6	11.3	39.3	11.4
Gastritis .....	33.9	4.1	19.2	5.8	40.7	5.4	--	--	32.1	5.0	39.6	9.5	--	--
Ulcer, gastritis, or other stomach disease .....	74.5	5.9	65.8	10.8	78.5	7.2	53.5	14.8	72.3	8.1	89.3	14.2	61.4	17.3
High blood cholesterol, high blood fat, or high lipid content .....	43.2	4.6	42.1	8.2	43.7	5.6	--	--	28.5	4.9	69.6	11.5	107.1	23.8
Hardening of the arteries or arteriosclerosis .....	5.0	1.3	--	--	5.2	1.6	--	--	--	--	--	--	--	--
High blood pressure .....	58.2	5.7	64.6	11.9	55.2	6.4	--	--	30.9	4.9	117.2	16.5	121.6	26.9
Chest pain or angina pectoris .....	49.2	5.4	56.4	11.5	45.9	5.8	--	--	44.0	6.4	65.4	13.0	63.4	18.5
Rapid heart beat or tachycardia .....	38.1	4.4	25.9	7.0	43.8	5.5	--	--	33.7	5.4	45.7	9.7	85.4	27.8
Heart attack or myocardial infarction .....	10.6	2.8	--	--	8.3	2.9	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	5.5	1.7	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	141.9	8.5	135.4	16.0	145.0	9.8	--	--	101.5	9.0	219.1	20.2	295.3	36.3
Any of the above diseases .....	250.3	9.8	208.2	16.6	269.9	12.1	190.8	34.3	210.4	13.0	300.1	21.0	460.6	39.8
<b>No</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	4.0	0.5	4.7	0.7	2.5	0.6	--	--	3.8	0.7	5.7	1.3	--	--
Emphysema .....	4.8	0.7	6.1	1.0	2.3	0.8	--	--	--	--	5.7	1.6	28.3	4.5
Arthritis, osteoporosis or any other joint or bone disease .....	80.1	2.5	69.5	3.0	99.0	4.5	24.6	4.0	42.6	2.4	130.3	6.2	267.4	11.6
Vitamin deficiencies or anemia .....	16.1	1.1	5.7	0.9	34.5	2.6	21.7	3.1	15.9	1.5	12.6	2.4	15.4	3.0
Cancer .....	9.4	0.9	8.4	1.1	11.3	1.5	--	--	2.9	0.6	15.6	2.3	43.3	5.3
Diabetes .....	8.3	0.9	8.9	1.1	7.4	1.3	--	--	3.3	0.7	15.2	2.6	29.0	4.6
Convulsions or epilepsy .....	1.0	0.3	--	--	1.8	0.7	--	--	--	--	--	--	--	--
Stomach ulcer .....	23.2	1.3	21.7	1.7	26.0	2.2	29.8	3.8	20.6	1.9	23.7	2.8	24.4	4.0
Gastritis .....	17.8	1.2	14.9	1.3	22.9	2.1	13.5	2.7	17.0	1.6	20.7	2.5	23.5	4.2
Ulcer, gastritis, or other stomach disease .....	37.8	1.7	33.9	2.2	44.6	2.8	40.7	4.6	34.5	2.4	40.0	3.5	44.3	5.5
High blood cholesterol, high blood fat, or high lipid content .....	31.0	1.7	31.7	2.1	29.7	2.4	5.5	1.6	17.2	1.6	62.6	4.7	76.3	7.1
Hardening of the arteries or arteriosclerosis .....	3.4	0.5	4.2	0.6	2.0	0.6	--	--	--	--	4.8	1.1	22.8	3.9
High blood pressure .....	44.3	2.1	45.5	2.7	42.2	2.8	22.0	4.6	23.7	2.0	71.7	5.0	132.2	9.1
Chest pain or angina pectoris .....	22.2	1.4	23.7	1.9	19.5	1.7	14.9	2.9	18.1	1.8	27.5	3.1	45.8	5.7
Rapid heart beat or tachycardia .....	17.0	1.2	14.1	1.4	22.3	2.1	10.7	2.3	14.4	1.4	20.8	2.8	34.2	4.2
Heart attack or myocardial infarction .....	4.1	0.5	5.6	0.8	1.6	0.4	--	--	0.9	0.4	8.1	1.6	19.9	3.5
Stroke or cerebrovascular accident .....	3.0	0.5	3.6	0.6	1.8	0.6	--	--	--	--	5.4	1.3	17.7	3.7
Any of the above circulatory diseases .....	95.7	3.0	97.3	3.8	93.0	3.9	45.9	5.7	60.5	3.0	147.0	6.9	256.3	12.0
Any of the above diseases .....	140.8	3.3	120.6	4.1	176.7	5.3	86.9	6.3	92.5	3.6	200.4	7.6	360.9	12.8

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.

**Table 2-18.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to any alcohol treatment in past year among current drinkers,<sup>1</sup> United States, 1992.

Past-year alcohol treatment and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Yes</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	35.1	9.0	37.5	11.1	--	--	--	--	--	--	--	--	--	--
Emphysema .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	91.2	16.1	94.3	20.1	81.5	26.5	--	--	84.0	19.8	171.8	61.6	--	--
Vitamin deficiencies or anemia .....	42.3	10.1	--	--	107.1	32.1	--	--	43.1	13.3	--	--	--	--
Cancer .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	91.5	18.6	96.0	22.0	--	--	--	--	112.1	27.0	--	--	--	--
Gastritis .....	43.3	10.0	39.2	11.5	--	--	--	--	45.1	13.3	--	--	--	--
Ulcer, gastritis, or other stomach disease .....	120.8	20.0	118.2	23.4	128.7	35.8	--	--	140.1	28.3	--	--	--	--
High blood cholesterol, high blood fat, or high lipid content .....	36.3	10.0	--	--	--	--	--	--	--	--	--	--	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	57.6	12.6	49.1	14.2	--	--	--	--	47.9	14.8	164.9	56.6	--	--
Chest pain or angina pectoris .....	71.2	15.7	77.9	19.8	--	--	--	--	59.2	16.5	--	--	--	--
Rapid heart beat or tachycardia .....	63.6	14.3	61.1	17.6	--	--	--	--	50.6	14.9	--	--	--	--
Heart attack or myocardial infarction .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	152.2	20.7	129.7	22.2	222.5	42.4	97.2	28.1	132.3	23.1	331.8	76.5	--	--
Any of the above diseases .....	242.8	23.8	226.1	27.1	295.1	49.0	191.3	39.6	242.2	32.3	329.6	71.4	--	--
<b>No</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.7	0.5	4.3	0.7	2.9	0.6	--	--	3.5	0.7	5.9	1.3	--	--
Emphysema .....	5.0	0.7	6.2	0.9	3.3	0.8	--	--	1.8	0.7	5.9	1.4	30.0	4.7
Arthritis, osteoporosis or any other joint or bone disease .....	87.1	2.5	72.5	2.9	109.1	4.3	25.9	4.1	49.4	2.5	139.0	6.2	273.5	11.3
Vitamin deficiencies or anemia .....	18.5	1.1	5.4	0.8	38.0	2.3	26.8	3.3	19.3	1.5	12.2	2.1	15.7	3.0
Cancer .....	10.3	0.9	9.0	1.1	12.3	1.4	--	--	4.1	0.7	15.6	2.1	45.9	5.2
Diabetes .....	8.3	0.8	8.7	1.1	7.7	1.1	--	--	3.8	0.7	15.1	2.4	27.4	4.2
Convulsions or epilepsy .....	1.5	0.4	--	--	2.3	0.6	--	--	1.7	0.6	1.5	0.5	--	--
Stomach ulcer .....	24.7	1.3	21.6	1.7	29.3	2.0	28.5	3.6	22.0	1.7	27.5	2.9	25.8	3.8
Gastritis .....	19.1	1.2	14.5	1.3	25.9	2.1	13.2	2.6	18.2	1.5	22.7	2.5	24.9	4.1
Ulcer, gastritis, or other stomach disease .....	40.1	1.7	33.4	2.1	50.1	2.8	39.4	4.4	36.7	2.2	45.6	3.6	46.0	5.3
High blood cholesterol, high blood fat, or high lipid content .....	32.3	1.6	32.7	2.1	31.6	2.3	5.4	1.6	18.3	1.6	63.1	4.5	78.8	6.8
Hardening of the arteries or arteriosclerosis .....	3.6	0.4	4.3	0.6	2.6	0.6	--	--	--	--	5.4	1.1	23.4	3.6
High blood pressure .....	45.6	2.0	46.6	2.7	44.2	2.6	21.6	4.5	24.0	1.9	76.2	4.9	131.0	8.5
Chest pain or angina pectoris .....	24.2	1.4	24.2	1.9	24.3	1.8	14.0	2.8	20.4	1.8	30.4	3.0	47.6	5.5
Rapid heart beat or tachycardia .....	18.4	1.2	13.4	1.3	25.9	2.0	8.4	2.0	16.0	1.5	22.4	2.7	39.0	4.6
Heart attack or myocardial infarction .....	4.5	0.5	5.7	0.8	2.6	0.6	--	--	1.0	0.3	7.6	1.4	23.8	4.0
Stroke or cerebrovascular accident .....	3.0	0.4	3.6	0.6	2.1	0.5	--	--	--	--	4.6	1.1	19.0	3.6
Any of the above circulatory diseases .....	99.8	2.9	98.7	3.8	101.4	3.8	44.2	5.6	64.0	3.0	153.7	6.7	260.0	11.3
Any of the above diseases .....	151.1	3.3	122.9	4.1	193.4	5.1	88.9	6.3	104.2	3.6	211.4	7.5	370.1	12.3

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.



**Table 2-19.** Rate per 1,000 population of selected past-year health conditions, by sex and age group according to any alcohol treatment in lifetime among current drinkers,<sup>1</sup> United States, 1992.

Lifetime alcohol treatment and health condition	Both sexes/ ages 18 and older		Sex				Age group							
	Estimate	S.E.	Male		Female		18-24 years		25-44 years		45-64 years		65 years and older	
			Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.	Estimate	S.E.
<b>Yes</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	20.0	4.2	20.5	5.0	--	--	--	--	20.3	6.0	35.3	11.4	--	--
Emphysema .....	14.3	5.5	17.7	6.9	--	--	--	--	--	--	--	--	--	--
Arthritis, osteoporosis or any other joint or bone disease .....	97.2	9.8	95.3	11.5	104.3	18.9	--	--	80.8	12.6	182.0	28.5	358.2	78.2
Vitamin deficiencies or anemia .....	31.5	6.0	15.9	4.5	89.6	18.3	37.1	15.5	31.4	7.2	--	--	--	--
Cancer .....	8.0	2.7	--	--	--	--	--	--	--	--	--	--	--	--
Diabetes .....	7.9	2.6	--	--	--	--	--	--	--	--	--	--	--	--
Convulsions or epilepsy .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stomach ulcer .....	56.9	7.9	52.0	8.7	75.5	18.4	52.4	17.1	58.4	11.6	65.1	18.0	--	--
Gastritis .....	36.6	6.1	28.8	6.3	65.9	16.9	--	--	30.9	6.4	48.2	16.0	--	--
Ulcer, gastritis, or other stomach disease .....	84.6	9.6	71.4	10.3	134.0	23.8	88.4	24.4	79.9	12.7	99.5	23.0	--	--
High blood cholesterol, high blood fat, or high lipid content .....	39.5	6.2	30.0	5.8	75.1	20.2	--	--	24.8	6.7	90.7	20.1	--	--
Hardening of the arteries or arteriosclerosis .....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
High blood pressure .....	58.8	7.6	60.9	8.8	50.7	15.4	--	--	45.1	8.5	120.7	24.7	--	--
Chest pain or angina pectoris .....	53.6	8.8	58.5	10.8	35.0	9.6	--	--	40.7	10.1	102.0	26.6	--	--
Rapid heart beat or tachycardia .....	42.8	6.7	38.9	7.6	57.4	13.8	--	--	32.4	7.1	74.0	21.7	--	--
Heart attack or myocardial infarction .....	9.8	3.4	--	--	--	--	--	--	--	--	--	--	--	--
Stroke or cerebrovascular accident .....	8.2	3.0	--	--	--	--	--	--	--	--	--	--	--	--
Any of the above circulatory diseases .....	136.3	11.8	129.9	13.0	160.2	24.4	90.8	24.2	106.9	13.6	259.0	33.3	278.9	74.5
Any of the above diseases .....	203.7	13.9	183.9	15.1	277.5	30.1	167.9	24.0	171.1	17.9	307.5	35.7	447.6	82.2
<b>No</b>														
Enlarged liver, yellow jaundice, cirrhosis, hepatitis, or other liver disease .....	3.3	0.4	3.8	0.6	2.7	0.6	--	--	3.1	0.6	5.1	1.3	--	--
Emphysema .....	4.3	0.6	5.0	0.8	3.3	0.8	--	--	1.0	0.3	4.7	1.3	28.9	4.7
Arthritis, osteoporosis or any other joint or bone disease .....	86.5	2.5	71.0	3.0	108.8	4.4	26.8	4.2	47.9	2.4	137.2	6.3	271.7	11.4
Vitamin deficiencies or anemia .....	18.2	1.1	4.9	0.8	37.2	2.4	25.7	3.3	19.0	1.5	12.1	2.2	16.0	3.0
Cancer .....	10.4	0.9	9.1	1.1	12.3	1.4	--	--	4.1	0.7	15.6	2.2	46.9	5.3
Diabetes .....	8.5	0.8	9.0	1.1	7.8	1.2	--	--	3.9	0.7	15.2	2.5	27.0	4.3
Convulsions or epilepsy .....	1.4	0.4	--	--	2.1	0.6	--	--	1.7	0.7	--	--	--	--
Stomach ulcer .....	24.1	1.3	21.1	1.7	28.3	2.0	27.8	3.5	21.6	1.8	26.0	2.8	26.1	3.9
Gastritis .....	18.4	1.1	13.9	1.3	24.9	2.0	12.0	2.4	17.9	1.5	21.7	2.5	23.8	4.0
Ulcer, gastritis, or other stomach disease .....	39.0	1.7	32.5	2.1	48.3	2.7	37.3	4.1	36.2	2.3	43.5	3.5	45.4	5.3
High blood cholesterol, high blood fat, or high lipid content .....	31.9	1.7	32.6	2.2	30.9	2.3	4.7	1.4	18.2	1.6	62.1	4.6	77.0	6.7
Hardening of the arteries or arteriosclerosis .....	3.7	0.5	4.4	0.6	2.6	0.6	--	--	--	--	5.2	1.1	23.9	3.7
High blood pressure .....	45.0	2.1	45.4	2.8	44.5	2.6	20.4	4.5	23.0	1.9	75.1	5.0	131.2	8.6
Chest pain or angina pectoris .....	23.3	1.4	22.6	1.8	24.3	1.9	12.9	2.7	19.9	1.7	28.6	3.0	46.3	5.5
Rapid heart beat or tachycardia .....	17.8	1.2	12.5	1.3	25.4	2.1	8.2	2.0	15.7	1.4	21.3	2.7	37.0	4.4
Heart attack or myocardial infarction .....	4.5	0.5	5.9	0.8	2.6	0.6	--	--	1.1	0.4	7.8	1.5	22.7	4.0
Stroke or cerebrovascular accident .....	2.9	0.4	3.5	0.6	2.0	0.5	--	--	--	--	4.7	1.2	17.6	3.5
Any of the above circulatory diseases .....	98.5	3.0	96.7	3.8	101.0	3.8	42.1	5.5	62.5	3.0	150.8	6.9	259.5	11.4
Any of the above diseases .....	149.7	3.3	120.4	4.1	191.9	5.1	86.0	6.5	102.7	3.6	208.1	7.5	368.2	12.5

-- Fewer than 10 respondents in this cell.

<sup>1</sup> **Current drinker:** 12 or more drinks of alcohol in the past year.

SOURCE: National Longitudinal Alcohol Epidemiologic Survey, National Institute on Alcohol Abuse and Alcoholism.