





















TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)										
All races,both sexes	2.7	5.3	0.5	0.2	0.2	0.2	0.3	0.5	0.8	1.0
Male	2.7	6.1	0.7	0.2	0.2	0.2	0.3	0.5	0.9	1.3
Female	2.6	4.5	0.4	0.2	*	0.2	0.2	0.5	0.7	0.8
White,both sexes	2.6	4.5	0.5	0.2	0.2	0.2	0.2	0.4	0.6	0.8
Male	2.6	5.5	0.6	*	*	*	*	0.4	0.6	1.2
Female	2.5	3.4	*	*	*	*	*	0.4	0.5	0.5
All other,both sexes	3.1	8.6	0.8	*	*	*	*	1.0	1.6	1.9
Male	3.2	8.4	*	*	*	*	*	*	1.9	2.0
Female	2.9	8.7	*	*	*	*	*	*	1.4	1.8
Black,both sexes	3.6	10.5	1.0	*	*	*	*	1.2	2.2	2.6
Male	3.8	10.7	*	*	*	*	*	*	2.7	2.7
Female	3.5	10.4	*	*	*	*	*	*	1.7	2.4
Malignant neoplasms (C00-C97)										
All races,both sexes	201.6	1.8	2.8	2.6	2.6	3.8	5.4	7.8	13.1	25.6
Male	214.5	1.8	2.9	2.7	2.8	4.4	6.3	8.3	12.3	22.0
Female	189.4	1.7	2.6	2.4	2.4	3.1	4.6	7.4	13.8	29.1
White,both sexes	212.5	1.8	2.9	2.5	2.5	3.6	5.3	7.8	12.6	24.3
Male	224.2	2.0	3.2	2.8	2.7	4.2	6.1	8.3	12.0	21.3
Female	201.1	1.5	2.7	2.3	2.3	3.1	4.4	7.4	13.3	27.3
All other,both sexes	151.0	*	2.1	2.6	2.9	4.3	6.0	7.9	14.9	31.4
Male	167.5	*	2.1	2.5	3.1	5.4	7.0	8.4	13.9	25.2
Female	135.9	*	2.1	2.7	2.6	3.2	5.1	7.4	15.7	36.9
Black,both sexes	177.7	*	2.2	2.7	3.2	4.6	6.6	8.9	16.4	36.5
Male	198.4	*	2.3	2.6	3.5	5.6	7.3	9.1	14.6	28.2
Female	159.0	*	2.1	2.8	2.8	3.5	6.0	8.7	18.0	43.8









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(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Malignant melanoma of skin (C43)										
All races, both sexes	2.6	*	*	*	*	*	0.2	0.3	0.7	1.1
Male	3.4	*	*	*	*	*	*	0.4	0.7	1.3
Female	1.9	*	*	*	*	*	*	0.3	0.6	0.8
White, both sexes	3.2	*	*	*	*	*	0.2	0.4	0.8	1.3
Male	4.0	*	*	*	*	*	*	0.5	0.9	1.6
Female	2.3	*	*	*	*	*	*	0.3	0.7	0.9
All other, both sexes	0.3	*	*	*	*	*	*	*	*	*
Male	0.3	*	*	*	*	*	*	*	*	*
Female	0.2	*	*	*	*	*	*	*	*	*
Black, both sexes	0.3	*	*	*	*	*	*	*	*	*
Male	0.3	*	*	*	*	*	*	*	*	*
Female	0.3	*	*	*	*	*	*	*	*	*
Malignant neoplasm of breast (C50)										
All races, both sexes	15.2	*	*	*	*	*	*	0.5	1.8	4.4
Male	0.3	*	*	*	*	*	*	*	*	*
Female	29.5	*	*	*	*	*	*	0.9	3.5	8.7
White, both sexes	15.8	*	*	*	*	*	*	0.4	1.5	3.8
Male	0.3	*	*	*	*	*	*	*	*	*
Female	30.7	*	*	*	*	*	*	0.8	3.1	7.6
All other, both sexes	12.8	*	*	*	*	*	*	0.7	2.8	7.1
Male	0.3	*	*	*	*	*	*	*	*	*
Female	24.1	*	*	*	*	*	*	1.4	5.3	13.2
Black, both sexes	15.6	*	*	*	*	*	*	1.0	3.8	9.0
Male	0.4	*	*	*	*	*	*	*	*	*
Female	29.3	*	*	*	*	*	*	1.8	7.0	16.6









TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)										
All races,both sexes	4.7	*	0.7	0.9	0.6	0.6	0.6	1.0	1.4	2.0
Male	5.3	*	0.7	0.9	0.6	0.7	0.7	1.1	1.8	2.4
Female	4.1	*	0.8	0.9	0.7	0.5	0.5	0.8	1.0	1.5
White,both sexes	5.3	*	0.8	0.9	0.7	0.5	0.6	1.1	1.5	2.2
Male	5.9	*	0.8	0.9	0.6	0.6	0.7	1.3	1.9	2.7
Female	4.7	*	0.8	0.8	0.7	0.5	0.5	0.9	1.1	1.7
All other,both sexes	2.0	*	*	1.1	0.5	0.7	*	*	0.8	0.9
Male	2.2	*	*	1.0	*	*	*	*	*	*
Female	1.7	*	*	1.2	*	*	*	*	*	*
Black,both sexes	2.2	*	*	1.2	*	0.8	*	*	1.0	0.9
Male	2.4	*	*	*	*	*	*	*	*	*
Female	2.0	*	*	*	*	*	*	*	*	*

Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)

All races,both sexes	20.7	0.8	0.9	0.7	1.1	1.5	2.3	2.3	2.7	3.7
Male	22.3	*	1.0	0.8	1.2	1.8	2.8	2.7	3.2	4.4
Female	19.1	*	0.8	0.6	0.9	1.3	1.8	2.0	2.2	3.0
White,both sexes	22.3	0.8	1.0	0.7	1.0	1.5	2.3	2.3	2.6	3.7
Male	24.1	*	1.0	0.9	1.1	1.7	2.9	2.6	3.1	4.4
Female	20.7	*	0.9	0.6	0.9	1.3	1.7	2.0	2.2	2.9
All other,both sexes	12.7	*	*	0.7	1.3	1.7	2.3	2.5	3.1	4.0
Male	13.8	*	*	*	1.5	2.1	2.4	3.1	4.0	4.7
Female	11.8	*	*	*	1.0	1.3	2.2	1.9	2.3	3.3
Black,both sexes	14.6	*	*	0.7	1.4	1.8	3.0	2.8	3.3	4.7
Male	15.6	*	*	*	1.8	2.1	3.1	3.4	4.4	5.4
Female	13.6	*	*	*	*	1.4	2.9	2.1	2.3	4.0





TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)										
All races, both sexes	0.0	*	*	*	*	*	*	*	*	*
Male	0.0	*	*	*	*	*	*	*	*	*
Female	0.0	*	*	*	*	*	*	*	*	*
White, both sexes	0.0	*	*	*	*	*	*	*	*	*
Male	0.0	*	*	*	*	*	*	*	*	*
Female	0.0	*	*	*	*	*	*	*	*	*
All other, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)

All races, both sexes	24.3	*	0.8	0.8	0.7	1.2	1.5	1.7	2.3	3.7
Male	25.1	*	0.8	0.8	0.8	1.6	1.9	2.3	2.9	4.1
Female	23.5	*	0.7	0.7	0.6	0.9	1.2	1.1	1.7	3.3
White, both sexes	25.7	*	0.8	0.8	0.7	1.3	1.5	1.8	2.3	3.6
Male	26.5	*	0.9	0.8	0.8	1.5	1.8	2.4	2.8	4.0
Female	25.0	*	0.7	0.7	0.6	1.0	1.1	1.1	1.7	3.1
All other, both sexes	17.5	*	*	0.8	0.9	1.2	1.7	1.4	2.5	4.4
Male	18.4	*	*	*	*	1.8	2.2	1.6	3.4	4.7
Female	16.8	*	*	*	*	*	1.2	1.2	1.7	4.1
Black, both sexes	20.3	*	*	0.7	0.9	1.3	1.6	1.6	2.5	5.0
Male	21.4	*	*	*	*	1.9	2.0	1.6	3.3	5.2
Female	19.2	*	*	*	*	*	*	1.5	1.8	4.9

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
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CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)										
All races, both sexes	4.9	1.5	0.4	0.3	0.2	0.3	0.3	0.3	0.6	0.6
Male	4.9	1.5	0.4	0.3	*	0.3	0.3	0.4	0.7	0.7
Female	4.8	1.5	0.4	0.3	*	0.3	*	0.3	0.5	0.5
White, both sexes	5.3	1.4	0.4	0.3	0.2	0.2	0.2	0.3	0.5	0.6
Male	5.3	1.4	0.4	0.3	*	*	0.3	0.3	0.6	0.7
Female	5.2	1.4	0.4	0.4	*	0.3	*	*	0.5	0.5
All other, both sexes	2.9	*	*	*	*	*	*	*	0.8	0.8
Male	2.7	*	*	*	*	*	*	*	*	*
Female	3.0	*	*	*	*	*	*	*	*	*
Black, both sexes	3.4	*	*	*	*	*	*	*	0.8	1.0
Male	3.1	*	*	*	*	*	*	*	*	*
Female	3.6	*	*	*	*	*	*	*	*	*
Anemias (D50-D64)										
All races, both sexes	1.7	*	0.2	0.1	0.1	0.2	0.4	0.4	0.5	0.4
Male	1.3	*	*	*	*	0.2	0.5	0.4	0.5	0.4
Female	2.0	*	*	*	*	*	0.4	0.3	0.5	0.4
White, both sexes	1.5	*	*	*	*	*	*	*	*	0.1
Male	1.1	*	*	*	*	*	*	*	*	*
Female	1.9	*	*	*	*	*	*	*	*	*
All other, both sexes	2.3	*	0.7	*	*	0.6	1.7	1.6	2.2	1.7
Male	2.2	*	*	*	*	*	2.1	1.8	2.4	1.9
Female	2.4	*	*	*	*	*	1.3	1.3	2.1	1.5
Black, both sexes	2.9	*	0.9	*	*	0.8	2.3	2.1	3.1	2.3
Male	2.8	*	*	*	*	*	2.8	2.4	3.4	2.6
Female	3.1	*	*	*	*	*	1.8	1.9	2.9	2.0









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CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
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OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Alzheimer's disease (G30)										
All races, both sexes	16.3	*	*	*	*	*	*	*	*	*
Male	10.0	*	*	*	*	*	*	*	*	*
Female	22.3	*	*	*	*	*	*	*	*	*
White, both sexes	18.6	*	*	*	*	*	*	*	*	*
Male	11.4	*	*	*	*	*	*	*	*	*
Female	25.6	*	*	*	*	*	*	*	*	*
All other, both sexes	5.5	*	*	*	*	*	*	*	*	*
Male	3.5	*	*	*	*	*	*	*	*	*
Female	7.4	*	*	*	*	*	*	*	*	*
Black, both sexes	6.7	*	*	*	*	*	*	*	*	*
Male	4.2	*	*	*	*	*	*	*	*	*
Female	9.0	*	*	*	*	*	*	*	*	*
Major cardiovascular diseases (I00-I78)										
All races, both sexes	348.5	16.9	1.5	0.7	1.1	2.8	4.3	7.0	13.2	26.3
Male	331.5	17.8	1.6	0.8	1.1	3.4	4.9	8.5	17.1	34.8
Female	364.7	15.9	1.4	0.6	1.0	2.1	3.5	5.5	9.3	17.8
White, both sexes	369.3	14.3	1.3	0.7	0.9	2.5	3.5	5.7	11.1	22.2
Male	348.5	15.1	1.5	0.8	1.0	2.9	4.0	7.1	14.8	30.2
Female	389.3	13.5	1.2	0.6	0.9	1.9	3.0	4.4	7.4	14.2
All other, both sexes	251.4	26.5	2.3	0.8	1.6	4.0	7.2	11.8	22.1	44.6
Male	249.6	28.1	2.3	0.9	1.8	5.2	8.8	14.3	27.6	57.0
Female	253.0	24.9	2.3	*	1.4	2.8	5.7	9.5	17.2	33.5
Black, both sexes	300.3	31.1	2.7	1.1	1.9	4.9	9.1	15.0	27.7	56.2
Male	293.4	32.5	2.8	*	2.2	6.4	10.9	18.3	34.4	70.7
Female	306.6	29.7	2.6	*	1.6	3.3	7.3	12.0	21.8	43.3





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CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Ischemic heart diseases (I20-I25)										
All races, both sexes	194.2	0.7	*	*	*	0.3	0.5	1.3	3.9	10.6
Male	200.5	*	*	*	*	0.4	0.6	1.9	5.8	16.1
Female	188.2	*	*	*	*	*	0.3	0.8	2.0	5.2
White, both sexes	208.9	*	*	*	*	0.2	0.3	1.2	3.6	10.0
Male	215.0	*	*	*	*	0.3	0.5	1.7	5.4	15.3
Female	203.0	*	*	*	*	*	*	0.8	1.8	4.7
All other, both sexes	125.9	*	*	*	*	*	1.0	1.8	5.2	13.2
Male	131.1	*	*	*	*	*	*	2.5	7.8	19.6
Female	121.1	*	*	*	*	*	*	1.0	2.8	7.3
Black, both sexes	149.1	*	*	*	*	*	1.2	2.0	6.0	16.3
Male	151.6	*	*	*	*	*	*	3.0	8.8	23.7
Female	146.9	*	*	*	*	*	*	*	3.5	9.8
Acute myocardial infarction (I21-I22)										
All races, both sexes	73.1	*	*	*	*	0.1	0.2	0.6	1.7	4.1
Male	78.2	*	*	*	*	*	0.3	0.8	2.4	6.3
Female	68.3	*	*	*	*	*	*	0.4	1.0	2.0
White, both sexes	78.8	*	*	*	*	*	0.1	0.5	1.6	4.1
Male	84.5	*	*	*	*	*	*	0.7	2.2	6.3
Female	73.4	*	*	*	*	*	*	0.3	0.9	1.9
All other, both sexes	46.5	*	*	*	*	*	*	0.7	2.2	4.4
Male	47.9	*	*	*	*	*	*	*	3.4	6.4
Female	45.3	*	*	*	*	*	*	*	1.2	2.6
Black, both sexes	55.3	*	*	*	*	*	*	0.8	2.5	5.6
Male	55.5	*	*	*	*	*	*	*	3.6	7.8
Female	55.1	*	*	*	*	*	*	*	1.5	3.6

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Other acute ischemic heart diseases (I24)										
All races,both sexes	1.2	*	*	*	*	*	*	*	*	0.1
Male	1.2	*	*	*	*	*	*	*	*	*
Female	1.1	*	*	*	*	*	*	*	*	*
White,both sexes	1.2	*	*	*	*	*	*	*	*	*
Male	1.3	*	*	*	*	*	*	*	*	*
Female	1.2	*	*	*	*	*	*	*	*	*
All other,both sexes	1.0	*	*	*	*	*	*	*	*	*
Male	1.2	*	*	*	*	*	*	*	*	*
Female	0.8	*	*	*	*	*	*	*	*	*
Black,both sexes	1.2	*	*	*	*	*	*	*	*	*
Male	1.5	*	*	*	*	*	*	*	*	*
Female	1.0	*	*	*	*	*	*	*	*	*

Other forms of chronic ischemic heart disease (I20,I25)

All races,both sexes	119.9	*	*	*	*	0.1	0.3	0.8	2.2	6.3
Male	121.1	*	*	*	*	0.2	0.3	1.1	3.4	9.6
Female	118.7	*	*	*	*	*	*	0.5	1.0	3.1
White,both sexes	128.8	*	*	*	*	*	0.2	0.7	2.0	5.9
Male	129.3	*	*	*	*	*	*	1.0	3.1	8.9
Female	128.4	*	*	*	*	*	*	0.4	0.9	2.8
All other,both sexes	78.3	*	*	*	*	*	0.6	1.1	2.9	8.5
Male	82.0	*	*	*	*	*	*	1.6	4.4	12.8
Female	74.9	*	*	*	*	*	*	*	1.6	4.6
Black,both sexes	92.6	*	*	*	*	*	0.7	1.2	3.5	10.3
Male	94.6	*	*	*	*	*	*	1.8	5.2	15.2
Female	90.8	*	*	*	*	*	*	*	2.0	6.0



























TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
<b>Emphysema (J43)</b>										
All races,both sexes	6.5	*	*	*	*	*	*	*	*	*
Male	7.1	*	*	*	*	*	*	*	*	*
Female	6.0	*	*	*	*	*	*	*	*	*
White,both sexes	7.4	*	*	*	*	*	*	*	*	*
Male	7.9	*	*	*	*	*	*	*	*	*
Female	6.9	*	*	*	*	*	*	*	*	*
All other,both sexes	2.3	*	*	*	*	*	*	*	*	*
Male	3.2	*	*	*	*	*	*	*	*	*
Female	1.5	*	*	*	*	*	*	*	*	*
Black,both sexes	2.7	*	*	*	*	*	*	*	*	*
Male	3.6	*	*	*	*	*	*	*	*	*
Female	1.8	*	*	*	*	*	*	*	*	*
<b>Asthma (J45-J46)</b>										
All races,both sexes	1.7	*	0.2	0.2	0.4	0.5	0.5	0.7	0.7	0.9
Male	1.2	*	*	0.2	0.6	0.5	0.6	0.7	0.7	0.8
Female	2.2	*	*	*	0.3	0.4	0.4	0.6	0.8	1.0
White,both sexes	1.5	*	*	0.1	0.3	0.4	0.3	0.4	0.5	0.7
Male	0.9	*	*	*	0.3	0.4	0.4	0.4	0.4	0.6
Female	2.0	*	*	*	*	0.4	*	0.4	0.5	0.8
All other,both sexes	2.8	*	*	0.5	1.1	0.9	1.1	1.8	1.8	2.1
Male	2.5	*	*	*	1.6	1.0	1.5	2.0	1.9	2.1
Female	3.0	*	*	*	*	*	*	1.5	1.7	2.0
Black,both sexes	3.3	*	*	0.6	1.5	1.1	1.4	2.4	2.5	2.7
Male	2.9	*	*	*	2.1	1.3	1.9	2.7	2.7	2.6
Female	3.6	*	*	*	*	*	*	2.1	2.3	2.7



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Pneumonitis due to solids and liquids (J69)										
All races,both sexes	5.6	*	*	*	*	*	0.1	0.2	0.2	0.3
Male	5.8	*	*	*	*	*	*	0.2	0.3	0.3
Female	5.4	*	*	*	*	*	*	*	*	0.2
White,both sexes	6.0	*	*	*	*	*	*	0.2	0.2	0.2
Male	6.2	*	*	*	*	*	*	*	0.3	0.3
Female	5.9	*	*	*	*	*	*	*	*	*
All other,both sexes	3.5	*	*	*	*	*	*	*	*	*
Male	3.9	*	*	*	*	*	*	*	*	*
Female	3.1	*	*	*	*	*	*	*	*	*
Black,both sexes	4.3	*	*	*	*	*	*	*	*	*
Male	4.7	*	*	*	*	*	*	*	*	*
Female	4.0	*	*	*	*	*	*	*	*	*
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)										
All races,both sexes	9.2	6.6	0.6	0.2	0.2	0.3	0.3	0.5	0.8	1.0
Male	9.1	7.4	0.7	0.2	*	0.4	0.3	0.5	0.8	1.1
Female	9.3	5.7	0.5	*	0.2	0.2	0.3	0.6	0.8	0.9
White,both sexes	9.9	4.9	0.5	0.2	0.2	0.3	0.3	0.4	0.7	0.8
Male	9.8	5.5	0.6	*	*	0.4	0.4	0.5	0.7	0.9
Female	10.0	4.2	0.5	*	*	*	*	0.4	0.7	0.7
All other,both sexes	6.0	13.2	0.9	*	*	*	*	0.9	1.2	1.8
Male	5.9	14.9	1.3	*	*	*	*	*	1.3	1.9
Female	6.1	11.5	*	*	*	*	*	1.3	1.2	1.7
Black,both sexes	6.8	16.4	1.2	*	*	*	*	1.1	1.7	2.3
Male	6.6	18.7	*	*	*	*	*	*	1.8	2.5
Female	6.9	13.9	*	*	*	*	*	1.8	1.6	2.2









TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Cholelithiasis and other disorders of gallbladder (K80-K82)										
All races, both sexes	1.0	*	*	*	*	*	*	*	*	0.1
Male	0.9	*	*	*	*	*	*	*	*	*
Female	1.1	*	*	*	*	*	*	*	*	*
White, both sexes	1.1	*	*	*	*	*	*	*	*	*
Male	1.0	*	*	*	*	*	*	*	*	*
Female	1.2	*	*	*	*	*	*	*	*	*
All other, both sexes	0.7	*	*	*	*	*	*	*	*	*
Male	0.6	*	*	*	*	*	*	*	*	*
Female	0.8	*	*	*	*	*	*	*	*	*
Black, both sexes	0.7	*	*	*	*	*	*	*	*	*
Male	0.6	*	*	*	*	*	*	*	*	*
Female	0.8	*	*	*	*	*	*	*	*	*
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)										
All races, both sexes	13.0	4.3	*	*	*	0.1	0.3	0.5	0.8	1.2
Male	12.8	4.6	*	*	*	*	0.2	0.5	0.8	1.4
Female	13.3	4.1	*	*	*	*	0.3	0.6	0.7	1.0
White, both sexes	12.5	3.4	*	*	*	*	0.2	0.4	0.5	0.8
Male	12.4	4.0	*	*	*	*	*	0.3	0.6	0.9
Female	12.6	2.7	*	*	*	*	*	0.4	0.5	0.7
All other, both sexes	15.6	8.1	*	*	*	*	0.6	1.2	1.8	3.0
Male	14.8	7.0	*	*	*	*	*	*	2.0	3.6
Female	16.3	9.2	*	*	*	*	*	1.3	1.7	2.5
Black, both sexes	19.3	10.2	*	*	*	*	0.8	1.5	2.4	4.1
Male	18.2	8.6	*	*	*	*	*	*	2.4	4.9
Female	20.2	11.8	*	*	*	*	*	1.7	2.3	3.3







TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Inflammatory diseases of female pelvic organs (N70-N76)										
All races,both sexes	0.0	*	*	*	*	*	*	*	*	*
Female	0.1	*	*	*	*	*	*	*	*	*
White,both sexes	0.0	*	*	*	*	*	*	*	*	*
Female	0.1	*	*	*	*	*	*	*	*	*
All other,both sexes	0.1	*	*	*	*	*	*	*	*	*
Female	0.1	*	*	*	*	*	*	*	*	*
Black,both sexes	0.1	*	*	*	*	*	*	*	*	*
Female	0.1	*	*	*	*	*	*	*	*	*
Pregnancy, childbirth and the puerperium (000-099)										
All races,both sexes	0.1	...	...	...	*	0.2	0.4	0.5	0.5	0.4
Female	0.3	...	...	...	*	0.3	0.7	1.0	0.9	0.8
White,both sexes	0.1	...	...	...	*	*	0.2	0.3	0.3	0.3
Female	0.2	...	...	...	*	*	0.4	0.7	0.7	0.6
All other,both sexes	0.4	...	...	...	*	*	0.9	1.1	1.0	0.8
Female	0.7	...	...	...	*	*	1.8	2.2	1.9	1.6
Black,both sexes	0.5	...	...	...	*	*	1.1	1.5	1.2	1.0
Female	0.9	...	...	...	*	*	2.1	2.8	2.3	1.8

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Pregnancy with abortive outcome (000-007)										
All races,both sexes	0.0	...	...	...	*	*	*	*	*	*
Female	0.0	...	...	...	*	*	*	*	*	*
White,both sexes	*	...	...	...	*	*	*	*	*	*
Female	*	...	...	...	*	*	*	*	*	*
All other,both sexes	*	...	...	...	*	*	*	*	*	*
Female	*	...	...	...	*	*	*	*	*	*
Black,both sexes	*	...	...	...	*	*	*	*	*	*
Female	*	...	...	...	*	*	*	*	*	*
Other complications of pregnancy, childbirth and the puerperium (010-099)										
All races,both sexes	0.1	...	...	...	*	0.2	0.3	0.5	0.4	0.4
Female	0.3	...	...	...	*	0.3	0.7	0.9	0.8	0.7
White,both sexes	0.1	...	...	...	*	*	0.2	0.3	0.3	0.3
Female	0.2	...	...	...	*	*	0.4	0.6	0.6	0.6
All other,both sexes	0.4	...	...	...	*	*	0.8	1.0	0.9	0.7
Female	0.7	...	...	...	*	*	1.6	2.0	1.7	1.4
Black,both sexes	0.4	...	...	...	*	*	1.0	1.3	1.1	0.9
Female	0.8	...	...	...	*	*	1.9	2.5	2.0	1.6

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
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Certain conditions originating in the perinatal period (P00-P96)

All races,both sexes	5.2	368.7	0.6	0.1	*	*	*	*	*	*
Male	6.0	406.8	0.7	*	*	*	*	*	*	*
Female	4.5	328.9	0.5	*	*	*	*	*	*	*
White,both sexes	3.9	281.5	0.5	*	*	*	*	*	*	*
Male	4.4	310.8	0.5	*	*	*	*	*	*	*
Female	3.3	250.8	0.4	*	*	*	*	*	*	*
All other,both sexes	11.7	701.6	1.2	*	*	*	*	*	*	*
Male	13.8	776.2	1.7	*	*	*	*	*	*	*
Female	9.7	624.6	*	*	*	*	*	*	*	*
Black,both sexes	14.8	899.0	1.3	*	*	*	*	*	*	*
Male	17.6	997.3	*	*	*	*	*	*	*	*
Female	12.3	797.3	*	*	*	*	*	*	*	*

Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)

All races,both sexes	3.8	143.3	3.6	1.0	1.1	1.1	1.2	1.2	1.3	1.2
Male	4.0	147.3	4.0	1.0	1.1	1.4	1.3	1.2	1.4	1.4
Female	3.6	139.1	3.2	1.1	1.1	0.9	1.0	1.1	1.2	1.1
White,both sexes	3.7	139.1	3.2	0.9	1.0	1.1	1.1	1.2	1.3	1.3
Male	3.9	144.6	3.5	0.9	1.0	1.4	1.3	1.3	1.4	1.4
Female	3.5	133.4	2.8	1.0	1.0	0.8	1.0	1.2	1.2	1.1
All other,both sexes	4.4	159.2	5.3	1.5	1.5	1.3	1.4	0.9	1.2	1.2
Male	4.7	157.7	5.8	1.5	1.6	1.4	1.5	*	1.3	1.3
Female	4.1	160.8	4.7	1.4	1.5	1.1	1.2	*	1.1	1.1
Black,both sexes	4.9	180.2	6.2	1.6	1.8	1.4	1.5	1.1	1.2	1.4
Male	5.4	183.7	7.0	1.6	1.8	1.7	1.8	*	*	*
Female	4.5	176.6	5.4	1.6	1.8	*	*	*	*	1.5

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)										
All races, both sexes	9.8	92.6	1.6	0.3	0.4	1.2	2.1	2.4	3.3	4.2
Male	9.7	106.1	1.8	0.3	0.4	1.5	2.9	3.2	4.4	5.3
Female	9.9	78.5	1.4	0.3	0.3	0.8	1.3	1.7	2.2	3.0
White, both sexes	9.6	73.6	1.3	0.3	0.3	1.0	1.9	2.2	3.1	3.8
Male	9.1	85.3	1.6	0.3	0.4	1.4	2.7	2.9	4.0	5.0
Female	10.1	61.3	1.1	0.3	*	0.7	1.0	1.4	2.1	2.6
All other, both sexes	10.6	165.4	2.5	*	0.6	1.6	3.0	3.6	4.3	6.0
Male	12.1	186.5	2.5	*	*	2.1	3.9	4.3	6.5	7.1
Female	9.1	143.6	2.4	*	*	1.1	2.2	3.0	2.3	4.9
Black, both sexes	13.2	205.2	3.1	*	*	1.8	3.7	4.4	5.6	8.0
Male	15.2	231.4	3.1	*	*	2.5	4.7	5.4	8.7	9.6
Female	11.3	178.1	3.0	*	*	*	2.7	3.6	2.9	6.5

All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)

All races, both sexes	63.0	30.1	4.3	2.2	2.5	4.0	5.5	6.8	9.3	14.2
Male	52.4	34.8	4.6	2.2	2.5	4.8	6.1	7.9	11.0	17.0
Female	73.1	25.1	4.0	2.1	2.4	3.1	4.8	5.7	7.6	11.4
White, both sexes	66.2	24.8	4.0	2.0	2.3	3.9	4.9	6.3	8.4	12.2
Male	53.8	28.8	4.3	2.0	2.3	4.8	5.7	7.6	10.4	15.3
Female	78.1	20.6	3.7	2.0	2.4	2.9	4.2	4.9	6.5	9.1
All other, both sexes	48.0	50.2	5.3	2.9	3.0	4.3	7.5	8.7	12.8	23.2
Male	45.5	58.1	5.7	3.1	3.4	4.4	8.0	9.1	13.8	25.6
Female	50.2	42.1	4.9	2.7	2.5	4.2	7.1	8.4	11.9	21.2
Black, both sexes	58.3	60.3	5.9	3.2	3.3	4.8	9.0	10.8	15.9	29.2
Male	54.8	68.8	6.0	3.6	4.0	4.9	9.7	10.9	16.9	32.0
Female	61.5	51.5	5.7	2.8	2.6	4.6	8.4	10.8	15.0	26.6



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Accidents (unintentional injuries) (V01-X59,Y85-Y86)										
All races,both sexes	35.9	22.1	12.6	7.3	8.3	33.9	38.7	32.3	30.5	32.7
Male	47.7	25.3	14.6	8.8	10.8	45.6	59.0	50.3	46.5	48.2
Female	24.6	18.8	10.4	5.8	5.8	21.5	17.6	14.5	14.7	17.3
White,both sexes	36.6	18.6	11.4	6.4	8.2	36.1	39.8	33.0	30.6	32.7
Male	47.9	21.5	13.2	7.6	10.4	47.9	60.6	51.3	46.4	48.1
Female	25.7	15.5	9.6	5.2	5.8	23.6	17.9	14.5	14.7	17.1
All other,both sexes	32.5	35.7	16.9	10.6	9.0	25.4	34.2	29.5	29.9	32.5
Male	46.4	40.0	20.1	13.2	12.0	36.6	52.5	46.1	47.1	48.8
Female	19.8	31.3	13.6	7.8	5.8	13.8	16.2	14.3	14.8	17.9
Black,both sexes	36.5	44.3	19.8	12.6	10.1	25.4	35.0	32.7	34.0	37.3
Male	53.0	48.8	23.5	16.2	13.6	37.1	54.5	52.7	53.9	56.3
Female	21.6	39.7	15.9	8.9	6.4	13.4	16.0	14.5	16.4	20.3
Transport accidents (V01-V99,Y85)										
All races,both sexes	17.0	4.9	4.7	4.5	5.5	27.6	29.1	21.5	17.8	17.2
Male	23.7	5.2	5.2	5.2	6.7	35.4	43.2	32.6	26.2	24.4
Female	10.6	4.7	4.2	3.7	4.2	19.4	14.4	10.6	9.6	10.0
White,both sexes	17.3	4.5	4.1	4.2	5.7	29.8	29.9	21.9	17.9	17.0
Male	23.9	5.2	4.4	4.8	6.9	37.8	44.3	32.9	26.0	24.0
Female	10.8	3.9	3.8	3.6	4.4	21.3	14.6	10.7	9.8	9.9
All other,both sexes	15.9	6.6	6.9	5.5	4.8	19.3	25.8	20.3	17.3	18.0
Male	22.9	5.2	8.1	6.6	6.0	26.2	38.4	31.2	27.0	26.6
Female	9.5	7.9	5.7	4.4	3.5	12.1	13.5	10.3	8.6	10.3
Black,both sexes	16.9	7.7	7.9	6.4	5.2	19.1	26.1	22.1	19.1	20.2
Male	25.1	*	8.9	7.9	6.7	26.2	39.1	35.5	30.6	30.2
Female	9.5	9.3	6.9	4.8	3.8	11.7	13.4	9.9	8.9	11.4



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)										
All races,both sexes	0.7	*	*	0.2	0.2	0.4	0.6	0.9	0.9	0.9
Male	1.1	*	*	0.2	0.3	0.6	1.0	1.5	1.4	1.4
Female	0.3	*	*	*	*	0.2	0.3	0.3	0.4	0.4
White,both sexes	0.7	*	*	0.2	0.2	0.4	0.7	1.0	0.9	1.0
Male	1.2	*	*	*	0.4	0.6	1.1	1.7	1.5	1.5
Female	0.3	*	*	*	*	*	0.3	0.4	0.4	0.4
All other,both sexes	0.5	*	*	*	*	*	*	*	0.6	0.6
Male	0.8	*	*	*	*	*	*	*	1.1	*
Female	0.2	*	*	*	*	*	*	*	*	*
Black,both sexes	0.5	*	*	*	*	*	*	*	*	0.7
Male	0.9	*	*	*	*	*	*	*	*	*
Female	0.2	*	*	*	*	*	*	*	*	*

Nontransport accidents (W00-X59,Y86)

All races,both sexes	18.9	17.2	7.8	2.8	2.8	6.3	9.6	10.8	12.7	15.5
Male	23.9	20.1	9.4	3.6	4.0	10.2	15.8	17.7	20.3	23.8
Female	14.0	14.1	6.2	2.0	1.6	2.1	3.2	3.9	5.2	7.3
White,both sexes	19.4	14.0	7.3	2.2	2.5	6.3	9.9	11.2	12.7	15.7
Male	24.0	16.3	8.7	2.7	3.5	10.1	16.2	18.4	20.4	24.1
Female	14.8	11.6	5.8	1.6	1.4	2.3	3.3	3.9	4.9	7.2
All other,both sexes	16.6	29.1	9.9	5.1	4.2	6.1	8.4	9.2	12.7	14.5
Male	23.5	34.8	12.0	6.7	5.9	10.4	14.1	14.9	20.0	22.2
Female	10.3	23.3	7.8	3.4	2.3	1.7	2.8	4.0	6.1	7.6
Black,both sexes	19.6	36.6	11.9	6.2	4.8	6.4	8.9	10.6	14.9	17.0
Male	27.8	42.5	14.6	8.2	6.9	10.9	15.4	17.2	23.2	26.2
Female	12.1	30.4	9.0	4.1	2.6	1.7	2.6	4.6	7.5	8.9



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Accidental drowning and submersion (W65-W74)										
All races,both sexes	1.3	1.8	3.2	1.0	0.9	1.8	1.6	1.2	1.2	1.1
Male	2.1	2.0	4.0	1.4	1.4	3.3	2.9	2.1	2.1	1.9
Female	0.5	1.6	2.4	0.5	0.4	0.3	0.3	*	0.3	0.3
White,both sexes	1.2	1.5	3.5	0.7	0.5	1.6	1.5	1.0	1.1	1.1
Male	1.9	1.7	4.3	0.9	0.8	2.8	2.6	1.9	2.0	1.8
Female	0.5	1.4	2.6	0.5	*	0.3	0.3	*	0.3	0.4
All other,both sexes	1.7	2.8	2.4	2.0	2.3	2.7	2.0	1.6	1.4	1.1
Male	2.9	*	3.0	3.1	3.5	5.0	3.8	3.3	2.6	2.2
Female	0.6	*	1.7	*	1.1	*	*	*	*	*
Black,both sexes	1.8	3.7	2.7	2.4	2.7	2.8	2.0	1.8	1.5	1.1
Male	3.2	*	3.5	3.8	4.1	5.0	3.8	3.6	2.8	2.2
Female	0.6	*	1.8	*	*	*	*	*	*	*
Accidental exposure to smoke, fire and flames (X00-X09)										
All races,both sexes	1.2	1.1	2.0	0.9	0.5	0.4	0.6	0.8	0.7	0.9
Male	1.5	1.1	2.2	0.9	0.5	0.6	0.8	1.0	1.1	1.2
Female	0.9	1.1	1.7	0.8	0.4	0.3	0.4	0.5	0.4	0.5
White,both sexes	1.1	0.9	1.5	0.6	0.4	0.4	0.6	0.7	0.7	0.8
Male	1.3	*	1.7	0.6	0.5	0.6	0.8	1.0	1.0	1.0
Female	0.8	*	1.3	0.6	0.4	0.3	0.4	0.5	0.3	0.5
All other,both sexes	2.0	*	4.0	1.7	0.7	*	0.8	0.9	0.8	1.5
Male	2.4	*	4.4	2.0	*	*	*	*	1.2	2.1
Female	1.6	*	3.5	1.5	*	*	*	*	*	*
Black,both sexes	2.6	*	5.0	2.4	0.9	*	0.9	1.1	0.9	1.9
Male	3.1	*	5.6	2.7	*	*	*	*	*	2.9
Female	2.1	*	4.4	2.0	*	*	*	*	*	*

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Accidental poisoning and exposure to noxious substances (X40-X49)										
All races, both sexes	4.5	*	0.2	*	0.1	1.3	3.9	5.2	7.1	9.2
Male	6.7	*	*	*	*	1.9	6.1	8.4	11.0	13.6
Female	2.4	*	*	*	*	0.7	1.6	2.1	3.3	4.9
White, both sexes	4.4	*	0.2	*	0.1	1.5	4.3	5.6	7.2	9.4
Male	6.6	*	*	*	*	2.1	6.6	9.0	11.2	13.9
Female	2.3	*	*	*	*	0.8	1.8	2.2	3.2	4.8
All other, both sexes	4.8	*	*	*	*	0.7	2.5	3.7	6.7	8.6
Male	7.2	*	*	*	*	1.1	3.9	5.7	9.8	12.2
Female	2.6	*	*	*	*	*	1.2	1.8	3.9	5.4
Black, both sexes	5.9	*	*	*	*	*	2.8	4.4	8.3	10.5
Male	9.0	*	*	*	*	*	4.6	7.0	11.9	15.2
Female	3.1	*	*	*	*	*	*	2.1	5.0	6.4

Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)

All races, both sexes	6.7	13.7	1.9	0.7	0.9	1.5	2.1	2.3	2.4	2.8
Male	7.8	16.1	2.4	0.9	1.3	2.3	3.6	4.0	4.0	4.6
Female	5.8	11.2	1.5	0.5	0.5	0.6	0.5	0.7	0.8	1.0
White, both sexes	7.1	11.1	1.8	0.7	0.9	1.6	2.2	2.4	2.4	2.9
Male	8.0	12.7	2.1	1.0	1.3	2.5	3.8	4.2	4.0	4.8
Female	6.2	9.3	1.4	0.5	0.5	0.6	0.5	0.6	0.8	1.0
All other, both sexes	5.3	23.7	2.5	0.7	0.7	1.0	1.5	2.0	2.3	2.1
Male	6.9	29.1	3.2	*	1.1	1.7	2.6	3.1	3.9	3.4
Female	3.7	18.2	1.8	*	*	*	*	*	*	1.0
Black, both sexes	6.3	29.7	2.8	0.7	0.8	1.0	1.6	2.3	2.7	2.3
Male	8.3	35.3	3.8	*	1.3	1.8	3.0	3.6	4.6	3.6
Female	4.5	24.0	1.8	*	*	*	*	*	*	*

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Intentional self-harm (suicide) (X60-X84,Y87.0)										
All races,both sexes	10.7	...	...	*	1.2	8.2	12.7	13.2	13.7	14.6
Male	17.6	...	...	*	1.9	13.3	21.6	22.1	22.4	23.1
Female	4.1	...	...	*	0.5	2.8	3.5	4.3	5.2	6.1
White,both sexes	11.7	...	...	*	1.3	8.6	13.1	13.8	14.8	15.9
Male	19.1	...	...	*	2.1	13.9	22.1	22.9	23.8	24.6
Female	4.5	...	...	*	0.6	2.9	3.5	4.6	5.7	7.0
All other,both sexes	6.0	...	...	*	0.9	6.6	11.2	10.9	9.4	8.7
Male	10.2	...	...	*	1.4	10.8	19.3	19.1	16.2	15.6
Female	2.2	...	...	*	*	2.3	3.3	3.3	3.4	2.5
Black,both sexes	5.6	...	...	*	0.9	5.9	10.8	10.0	9.0	8.5
Male	10.0	...	...	*	1.4	10.0	19.4	18.5	16.3	15.9
Female	1.6	...	...	*	*	1.6	2.3	2.2	2.6	2.0

Intentional self-harm (suicide) by discharge of firearms (X72-X74)

All races,both sexes	6.1	...	...	*	0.5	4.9	7.4	7.1	6.7	7.2
Male	10.9	...	...	*	0.8	8.5	13.2	12.6	11.6	12.0
Female	1.5	...	...	*	0.2	1.1	1.4	1.7	2.0	2.4
White,both sexes	6.7	...	...	*	0.6	5.2	7.5	7.5	7.4	7.8
Male	11.9	...	...	*	0.9	9.0	13.3	13.0	12.4	12.9
Female	1.7	...	...	*	0.3	1.2	1.4	1.9	2.3	2.7
All other,both sexes	3.0	...	...	*	*	3.9	7.1	5.7	4.1	4.1
Male	5.7	...	...	*	*	6.9	12.9	10.9	7.8	7.8
Female	0.6	...	...	*	*	*	1.4	*	*	*
Black,both sexes	3.2	...	...	*	*	3.9	7.7	6.0	4.3	4.3
Male	6.1	...	...	*	*	7.0	14.2	11.5	8.4	8.3
Female	0.6	...	...	*	*	*	*	*	*	*

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)										
All races,both sexes	4.6	...	...	*	0.7	3.2	5.2	6.1	7.0	7.4
Male	6.7	...	...	*	1.1	4.7	8.3	9.6	10.8	11.1
Female	2.6	...	...	*	0.3	1.7	2.1	2.6	3.2	3.8
White,both sexes	5.0	...	...	*	0.7	3.4	5.5	6.3	7.4	8.0
Male	7.2	...	...	*	1.1	4.9	8.8	9.9	11.4	11.7
Female	2.8	...	...	*	0.3	1.7	2.1	2.7	3.4	4.2
All other,both sexes	3.0	...	...	*	0.7	2.8	4.2	5.2	5.3	4.7
Male	4.5	...	...	*	1.0	3.9	6.5	8.3	8.3	7.8
Female	1.6	...	...	*	*	1.5	1.9	2.3	2.6	1.8
Black,both sexes	2.4	...	...	*	0.8	1.9	3.1	4.0	4.7	4.2
Male	3.8	...	...	*	*	3.0	5.2	7.0	7.9	7.6
Female	1.0	...	...	*	*	*	*	*	1.9	*
Assault (homicide) (X85-Y09,Y87.1)										
All races,both sexes	6.2	8.7	2.5	0.9	1.3	10.6	16.1	13.0	9.5	7.8
Male	9.6	9.6	2.5	0.9	1.5	17.2	26.6	21.2	14.6	11.2
Female	2.9	7.7	2.5	0.9	1.0	3.6	5.2	4.8	4.5	4.4
White,both sexes	3.8	6.6	1.7	0.7	1.0	5.6	8.2	6.9	5.8	5.1
Male	5.6	7.8	1.8	0.7	1.2	8.7	12.5	10.8	8.3	7.1
Female	2.2	5.3	1.7	0.7	0.8	2.4	3.7	3.1	3.3	3.1
All other,both sexes	17.2	16.5	5.4	1.9	2.2	29.5	47.2	36.6	25.0	19.9
Male	28.9	16.4	5.5	1.9	2.9	50.2	84.2	64.4	42.7	31.3
Female	6.5	16.7	5.4	1.9	1.4	8.2	10.8	11.2	9.2	9.7
Black,both sexes	21.9	20.7	6.8	2.1	2.6	37.2	61.2	48.9	32.9	25.5
Male	37.5	20.8	6.6	2.3	3.5	63.2	110.6	86.8	57.0	40.7
Female	7.8	20.7	7.0	2.0	1.6	10.2	12.8	14.2	11.5	12.0



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Assault (homicide) by discharge of firearms (X93-X95)										
All races,both sexes	4.0	*	0.3	0.3	0.8	8.6	12.9	9.9	6.4	4.7
Male	6.7	*	0.3	0.4	1.2	14.8	22.6	17.3	10.7	7.2
Female	1.4	*	0.3	0.2	0.5	2.2	2.9	2.5	2.1	2.2
White,both sexes	2.2	*	0.2	0.2	0.6	4.2	5.7	4.7	3.5	3.0
Male	3.5	*	*	0.2	0.8	7.0	9.3	7.8	5.5	4.4
Female	1.0	*	*	*	0.4	1.3	1.9	1.5	1.5	1.6
All other,both sexes	12.3	*	0.8	0.7	1.6	25.5	41.2	30.2	18.2	12.3
Male	22.3	*	*	*	2.5	44.7	76.4	56.6	33.6	20.9
Female	3.1	*	*	*	*	5.7	6.8	6.2	4.5	4.7
Black,both sexes	16.0	*	*	0.7	1.9	32.6	54.1	40.9	24.5	16.1
Male	29.5	*	*	*	2.9	57.0	100.8	76.9	45.8	27.7
Female	3.8	*	*	*	*	7.2	8.4	7.9	5.6	5.9

Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)

All races,both sexes	2.2	8.5	2.2	0.6	0.4	1.9	3.2	3.1	3.1	3.1
Male	2.9	9.3	2.2	0.6	0.4	2.5	4.1	3.9	3.9	4.0
Female	1.6	7.5	2.1	0.7	0.5	1.4	2.3	2.3	2.3	2.2
White,both sexes	1.7	6.5	1.5	0.5	0.4	1.4	2.5	2.3	2.2	2.1
Male	2.1	7.6	1.5	0.4	0.3	1.7	3.1	3.0	2.8	2.7
Female	1.2	5.3	1.5	0.5	0.4	1.1	1.8	1.6	1.7	1.5
All other,both sexes	4.9	16.0	4.6	1.2	0.6	4.0	5.9	6.4	6.8	7.6
Male	6.5	16.1	4.7	1.1	*	5.4	7.8	7.8	9.1	10.4
Female	3.4	15.9	4.6	1.3	*	2.5	4.1	5.1	4.8	5.0
Black,both sexes	5.9	20.4	6.0	1.4	0.7	4.6	7.1	8.0	8.3	9.4
Male	8.0	20.4	6.0	1.3	*	6.1	9.8	9.8	11.1	13.0
Female	4.0	20.4	6.0	1.5	*	3.0	4.4	6.4	5.8	6.2

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Legal intervention (Y35,Y89.0)										
All races,both sexes	0.1	*	*	*	*	0.1	0.3	0.4	0.4	0.3
Male	0.3	*	*	*	*	0.2	0.5	0.7	0.7	0.6
Female	*	*	*	*	*	*	*	*	*	*
White,both sexes	0.1	*	*	*	*	*	0.2	0.3	0.3	0.3
Male	0.2	*	*	*	*	*	0.3	0.5	0.6	0.5
Female	*	*	*	*	*	*	*	*	*	*
All other,both sexes	0.3	*	*	*	*	*	0.7	0.7	0.6	0.6
Male	0.6	*	*	*	*	*	1.4	1.5	1.2	1.3
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	0.4	*	*	*	*	*	0.8	0.9	*	0.7
Male	0.8	*	*	*	*	*	1.6	1.9	*	1.5
Female	*	*	*	*	*	*	*	*	*	*
Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)										
All races,both sexes	1.4	1.4	0.3	*	0.2	0.8	1.5	1.7	2.2	2.9
Male	2.0	1.7	0.3	*	0.3	1.3	2.3	2.5	3.0	4.0
Female	0.9	1.2	0.3	*	*	0.3	0.7	0.9	1.4	1.7
White,both sexes	1.4	1.2	0.2	*	0.2	0.8	1.5	1.8	2.2	2.8
Male	1.9	1.4	*	*	0.4	1.3	2.3	2.5	3.0	3.8
Female	0.9	*	*	*	*	*	0.6	1.0	1.4	1.8
All other,both sexes	1.7	*	0.6	*	*	0.8	1.5	1.6	2.1	3.2
Male	2.6	*	*	*	*	1.2	2.3	2.8	3.2	5.1
Female	0.8	*	*	*	*	*	*	*	1.1	1.5
Black,both sexes	2.0	*	*	*	*	0.8	1.7	2.0	2.6	3.9
Male	3.2	*	*	*	*	1.3	2.7	3.5	3.9	6.4
Female	0.9	*	*	*	*	*	*	*	1.5	1.8

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
Discharge of firearms, undetermined intent (Y22-Y24)										
All races,both sexes	0.1	*	*	*	*	0.3	0.3	0.2	*	0.1
Male	0.2	*	*	*	*	0.6	0.5	0.3	*	0.2
Female	0.0	*	*	*	*	*	*	*	*	*
White,both sexes	0.1	*	*	*	*	0.3	0.3	0.2	*	0.1
Male	0.2	*	*	*	*	0.5	0.5	*	*	0.2
Female	0.0	*	*	*	*	*	*	*	*	*
All other,both sexes	0.2	*	*	*	*	0.6	*	*	*	*
Male	0.3	*	*	*	*	1.1	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	0.2	*	*	*	*	0.7	*	*	*	*
Male	0.3	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)

All races,both sexes	1.3	1.4	0.3	*	0.1	0.5	1.2	1.5	2.1	2.7
Male	1.8	1.7	*	*	0.2	0.7	1.8	2.2	2.8	3.8
Female	0.8	1.2	0.3	*	*	0.2	0.6	0.9	1.3	1.7
White,both sexes	1.3	1.2	0.2	*	0.1	0.5	1.2	1.6	2.1	2.7
Male	1.7	1.4	*	*	*	0.8	1.8	2.2	2.8	3.5
Female	0.9	*	*	*	*	*	0.6	1.0	1.4	1.8
All other,both sexes	1.5	*	*	*	*	*	1.0	1.3	1.9	3.1
Male	2.3	*	*	*	*	*	1.5	2.3	3.0	4.9
Female	0.8	*	*	*	*	*	*	*	1.0	1.5
Black,both sexes	1.8	*	*	*	*	*	1.1	1.6	2.5	3.8
Male	2.8	*	*	*	*	*	1.8	2.8	3.7	6.2
Female	0.9	*	*	*	*	*	*	*	1.4	1.8



















TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Measles (B05)										
All races, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (B15-B19)										
All races, both sexes	2.3	4.5	3.9	3.4	3.3	4.5	5.2	5.3	5.4	4.7
Male	3.5	6.9	6.1	4.8	3.9	5.0	5.4	6.1	7.3	6.6
Female	1.2	2.2	1.8	2.1	2.8	4.1	5.0	4.8	4.3	3.9
White, both sexes	2.2	4.2	3.4	2.9	3.0	4.0	4.7	5.0	5.4	4.5
Male	3.3	6.2	5.4	4.2	3.7	4.7	5.1	5.8	7.6	6.3
Female	1.1	2.2	1.5	1.7	2.3	3.5	4.3	4.4	4.0	3.8
All other, both sexes	3.0	6.0	6.4	6.4	5.4	7.7	9.0	8.5	6.2	6.7
Male	4.4	10.3	10.6	9.2	5.2	7.4	7.7	8.7	*	*
Female	1.8	2.2	2.9	4.1	5.6	7.9	9.9	8.3	7.6	*
Black, both sexes	3.5	7.2	7.0	5.8	4.3	6.4	7.1	6.8	*	6.4
Male	5.1	12.3	12.0	8.0	4.7	5.2	*	*	*	*
Female	2.1	2.9	2.9	4.1	4.0	7.3	7.8	6.8	*	*



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)										
All races,both sexes	1.4	2.0	2.7	3.3	4.5	6.9	9.0	12.6	16.9	26.9
Male	1.7	2.4	3.1	3.6	5.3	8.1	10.6	15.0	20.2	30.7
Female	1.1	1.6	2.3	3.1	3.8	5.9	7.8	10.9	14.8	25.3
White,both sexes	1.1	1.6	2.3	3.0	4.0	6.5	8.7	12.1	16.3	26.4
Male	1.4	2.0	2.6	3.3	4.6	7.6	10.3	14.6	18.5	29.6
Female	0.7	1.2	1.9	2.6	3.4	5.6	7.4	10.3	14.9	25.1
All other,both sexes	3.0	4.1	5.2	5.5	7.5	9.3	11.8	17.3	22.9	31.4
Male	3.1	4.7	6.0	5.2	9.9	11.5	13.0	18.8	38.2	40.4
Female	2.9	3.7	4.7	5.6	5.6	7.7	10.9	16.3	14.1	27.2
Black,both sexes	3.6	5.2	6.2	6.4	8.3	10.4	13.0	18.8	24.4	34.2
Male	3.6	6.0	7.0	6.0	10.9	12.0	15.3	21.1	41.5	42.4
Female	3.6	4.5	5.5	6.8	6.4	9.2	11.5	17.3	15.3	30.8
Malignant neoplasms (C00-C97)										
All races,both sexes	49.3	95.1	171.9	300.1	479.7	707.2	975.1	1,226.2	1,513.2	1,796.7
Male	45.3	96.3	181.1	337.9	562.5	860.4	1,222.9	1,576.2	2,032.7	2,619.2
Female	53.1	94.0	163.2	265.2	405.5	577.2	780.1	975.8	1,199.4	1,449.1
White,both sexes	46.4	89.6	163.6	289.6	469.1	702.2	967.9	1,215.3	1,506.2	1,795.3
Male	42.8	89.1	168.9	321.4	542.1	846.2	1,205.5	1,549.2	2,013.5	2,612.7
Female	50.1	90.0	158.4	259.6	402.2	577.7	778.5	974.4	1,198.3	1,453.0
All other,both sexes	62.8	123.8	220.3	364.6	545.1	740.1	1,030.9	1,322.4	1,584.3	1,809.8
Male	58.5	136.3	257.9	448.3	700.9	960.8	1,367.7	1,826.8	2,231.3	2,676.4
Female	66.6	113.1	189.0	296.9	424.2	574.4	792.2	987.7	1,210.3	1,412.2
Black,both sexes	73.5	147.7	267.8	437.1	643.8	850.6	1,185.1	1,508.6	1,780.1	2,012.5
Male	68.4	165.9	322.2	558.0	853.6	1,116.6	1,576.5	2,134.9	2,617.2	3,098.1
Female	78.0	132.3	223.4	343.0	487.8	651.8	909.0	1,108.1	1,330.5	1,560.4

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)										
All races, both sexes	0.9	2.3	3.7	5.8	8.2	9.4	11.5	13.5	15.6	19.2
Male	1.3	3.6	5.9	9.2	13.3	14.5	17.6	19.8	22.2	26.0
Female	0.4	1.0	1.6	2.8	3.6	5.1	6.7	9.1	11.6	16.3
White, both sexes	0.7	1.8	3.1	5.1	7.6	9.0	11.1	13.3	15.7	19.7
Male	1.1	2.7	4.9	7.8	12.2	13.7	17.0	19.0	21.9	26.5
Female	0.4	0.8	1.3	2.5	3.3	4.9	6.5	9.1	11.9	16.9
All other, both sexes	1.6	5.1	7.6	10.7	12.0	12.1	14.1	16.1	14.7	13.9
Male	2.6	8.8	12.5	18.7	20.9	20.0	22.2	27.3	25.0	22.2
Female	*	2.0	3.4	4.3	5.1	6.1	8.4	8.7	8.7	10.2
Black, both sexes	1.5	6.0	9.2	12.8	14.9	13.9	16.1	17.7	16.3	14.4
Male	2.3	10.6	15.6	22.5	26.4	23.2	25.4	32.2	28.5	22.8
Female	*	2.1	4.0	5.2	6.3	6.9	9.6	8.5	9.7	10.9
Malignant neoplasm of esophagus (C15)										
All races, both sexes	1.0	2.4	4.8	8.8	13.2	18.4	22.3	24.3	25.0	26.7
Male	1.7	4.3	8.6	15.7	22.4	32.2	39.6	43.4	44.5	46.2
Female	0.2	0.6	1.3	2.5	5.0	6.7	8.7	10.7	13.1	18.4
White, both sexes	0.9	2.2	4.4	8.1	12.3	17.7	21.8	23.8	25.2	27.2
Male	1.5	4.0	7.8	14.4	20.9	31.4	38.8	42.4	45.4	46.5
Female	*	0.5	1.1	2.1	4.4	5.9	8.1	10.3	12.9	19.1
All other, both sexes	1.5	3.4	7.3	13.6	19.1	23.1	26.4	29.5	22.9	22.1
Male	2.6	6.0	13.0	24.4	32.5	38.0	45.8	52.8	35.7	43.5
Female	*	1.2	2.6	4.8	8.6	12.0	12.6	14.1	15.6	12.3
Black, both sexes	1.7	4.4	9.8	17.5	23.9	27.8	31.1	35.9	24.7	24.0
Male	3.2	7.7	17.5	31.7	42.2	44.7	53.7	65.7	36.3	47.8
Female	*	1.6	3.5	6.3	10.2	15.1	15.1	16.8	18.6	14.0

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasm of stomach (C16)										
All races,both sexes	1.4	2.3	4.0	6.3	10.0	14.4	20.4	28.2	37.3	49.9
Male	1.6	3.2	5.5	9.0	14.0	20.6	28.8	40.9	54.5	68.6
Female	1.2	1.5	2.5	3.7	6.5	9.1	13.9	19.1	26.9	42.0
White,both sexes	1.0	2.0	3.2	5.3	8.4	13.0	17.9	24.8	33.4	44.7
Male	1.2	2.8	4.5	7.7	11.7	18.8	25.5	36.4	48.8	61.4
Female	0.9	1.2	1.9	2.9	5.4	8.0	11.9	16.5	24.0	37.7
All other,both sexes	3.2	4.1	8.3	12.5	19.7	23.3	40.0	57.5	76.6	98.8
Male	3.9	5.6	12.0	17.8	29.2	33.4	55.9	82.8	113.9	132.2
Female	2.6	2.9	5.3	8.2	12.3	15.7	28.7	40.7	55.0	83.5
Black,both sexes	3.2	4.0	8.9	13.4	19.4	22.9	40.1	58.8	77.6	102.6
Male	4.0	5.8	13.1	19.9	29.5	33.7	57.9	86.4	120.1	136.9
Female	2.4	2.4	5.6	8.4	11.9	14.8	27.5	41.1	54.7	88.2

Malignant neoplasms of colon, rectum and anus (C18-C21)

All races,both sexes	4.0	8.4	14.8	25.7	44.3	64.5	93.0	129.2	175.5	270.3
Male	4.1	9.2	17.2	31.2	54.1	79.1	115.3	158.9	214.8	311.7
Female	3.9	7.6	12.5	20.6	35.5	52.1	75.4	108.0	151.8	252.8
White,both sexes	3.7	7.8	13.8	24.2	42.6	62.8	91.2	127.1	172.9	270.3
Male	3.9	8.6	16.2	29.3	52.0	77.5	114.5	155.9	213.3	314.4
Female	3.5	7.0	11.4	19.3	34.0	50.1	72.5	106.3	148.3	251.9
All other,both sexes	5.5	11.4	20.8	35.2	54.7	75.5	107.0	148.1	202.2	270.0
Male	5.1	12.7	23.4	44.6	68.3	90.4	121.4	186.4	230.3	288.1
Female	5.8	10.3	18.6	27.7	44.1	64.3	96.8	122.6	186.0	261.8
Black,both sexes	6.6	13.6	24.5	42.7	66.8	87.6	124.7	173.0	236.9	306.7
Male	6.4	15.5	28.8	56.5	84.1	106.5	141.5	220.7	272.1	324.9
Female	6.8	12.0	21.1	32.0	53.8	73.4	112.9	142.6	218.0	299.1



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasms of liver and intrahepatic bile ducts (C22)										
All races, both sexes	1.4	3.4	5.0	7.2	11.1	16.5	22.0	26.1	31.4	30.4
Male	2.1	5.6	7.9	10.9	16.0	24.0	32.2	36.1	42.7	38.5
Female	0.8	1.3	2.3	3.8	6.7	10.1	14.1	19.0	24.5	27.0
White, both sexes	1.1	2.8	4.3	6.0	9.8	15.4	20.8	25.2	30.5	29.9
Male	1.7	4.4	6.5	8.9	14.2	22.3	30.5	34.8	42.2	39.3
Female	0.6	1.2	2.1	3.2	5.9	9.4	13.0	18.3	23.5	25.9
All other, both sexes	2.8	6.9	9.4	14.8	18.6	23.8	31.9	34.1	39.7	35.6
Male	4.2	12.5	16.5	23.6	28.4	36.1	46.0	48.1	47.6	31.7
Female	1.6	2.1	3.4	7.6	11.0	14.6	21.8	24.8	35.1	37.4
Black, both sexes	2.2	6.7	8.5	12.2	15.0	20.4	27.8	26.7	35.3	34.5
Male	3.4	12.2	15.2	19.5	22.6	31.0	40.3	39.1	42.3	28.3
Female	*	2.1	3.0	6.5	9.3	12.5	19.0	18.8	31.5	37.1

Malignant neoplasm of pancreas (C25)

All races, both sexes	1.9	4.6	8.9	15.8	25.4	38.4	53.1	67.3	83.1	99.2
Male	2.4	6.1	11.3	19.5	30.5	45.6	61.4	74.6	91.4	103.4
Female	1.4	3.2	6.6	12.5	20.8	32.4	46.6	62.0	78.0	97.4
White, both sexes	1.8	4.5	8.4	15.0	24.7	37.7	52.2	65.9	81.6	98.4
Male	2.3	5.9	10.5	18.2	29.7	44.7	60.8	73.6	90.4	104.1
Female	1.3	3.1	6.4	12.0	20.1	31.6	45.3	60.3	76.2	96.0
All other, both sexes	2.2	5.0	11.7	21.1	29.6	43.3	60.7	79.5	98.1	107.0
Male	2.8	6.8	16.4	28.1	36.1	51.3	66.2	84.1	102.0	98.1
Female	1.7	3.5	7.9	15.4	24.5	37.3	56.8	76.4	95.9	111.1
Black, both sexes	2.8	6.3	14.7	25.4	32.7	49.3	69.7	87.9	109.3	118.9
Male	3.4	8.6	20.8	35.6	41.3	57.7	75.1	97.5	116.6	106.5
Female	2.2	4.4	9.8	17.5	26.3	43.0	65.8	81.7	105.3	124.0

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasm of larynx (C32)										
All races, both sexes	0.3	0.8	1.5	3.2	4.7	6.2	7.5	7.2	7.5	7.0
Male	0.4	1.4	2.7	5.5	8.0	10.6	12.7	13.0	15.7	17.2
Female	*	0.2	0.4	1.1	1.8	2.5	3.4	3.1	2.6	2.7
White, both sexes	0.2	0.6	1.3	2.8	4.2	5.8	7.2	7.1	7.4	6.7
Male	0.3	1.1	2.3	4.7	7.2	9.8	12.1	12.8	15.1	16.2
Female	*	*	0.4	1.0	1.5	2.3	3.3	3.1	2.8	2.7
All other, both sexes	0.7	1.6	3.0	5.7	7.6	8.7	9.5	8.1	8.7	9.5
Male	1.2	3.0	5.3	10.8	13.5	15.9	17.6	15.1	21.9	25.3
Female	*	*	*	*	3.0	3.2	3.8	*	*	*
Black, both sexes	0.9	2.1	4.1	7.6	10.1	11.0	11.7	10.2	10.3	8.3
Male	1.6	4.0	7.4	15.1	18.6	20.2	21.8	19.3	27.6	22.8
Female	*	*	*	*	3.8	4.1	4.6	*	*	*
Malignant neoplasms of trachea, bronchus and lung (C33-C34)										
All races, both sexes	9.2	20.2	45.7	94.5	163.4	246.0	326.2	362.3	367.5	295.5
Male	10.4	24.7	56.3	120.7	212.3	327.1	442.8	505.8	547.7	509.2
Female	8.1	15.9	35.7	70.2	119.6	177.1	234.4	259.7	258.7	205.3
White, both sexes	8.8	18.6	43.6	93.2	163.0	247.7	328.9	363.6	369.6	298.2
Male	9.6	22.1	51.9	116.2	206.6	323.6	440.0	501.7	545.1	515.0
Female	7.9	15.2	35.6	71.5	123.1	182.1	240.4	263.9	263.1	207.4
All other, both sexes	11.5	28.4	58.0	102.4	165.5	234.8	304.9	351.3	346.9	270.5
Male	14.4	38.8	84.5	151.0	251.1	352.1	466.4	543.4	574.6	457.4
Female	8.8	19.4	35.9	63.2	99.2	146.8	190.5	223.8	215.3	184.8
Black, both sexes	14.5	35.9	74.1	127.4	201.4	273.0	349.1	404.7	379.7	291.1
Male	18.6	50.5	111.0	194.8	315.7	413.2	533.7	637.6	659.1	532.5
Female	10.9	23.6	44.2	75.0	116.5	168.2	218.9	255.7	229.6	190.5

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant melanoma of skin (C43)										
All races,both sexes	1.7	2.7	3.7	4.8	6.2	8.4	9.8	12.9	14.4	16.3
Male	2.2	3.5	4.8	6.9	8.6	12.1	14.8	19.5	22.6	26.4
Female	1.2	1.8	2.6	2.8	4.0	5.2	5.9	8.2	9.5	12.0
White,both sexes	2.1	3.1	4.3	5.5	7.0	9.5	10.9	14.0	15.5	17.6
Male	2.7	4.1	5.5	7.8	9.7	13.7	16.4	21.2	24.4	28.8
Female	1.5	2.2	3.1	3.3	4.6	5.9	6.5	8.9	10.1	12.9
All other,both sexes	*	*	*	*	*	*	*	2.8	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Malignant neoplasm of breast (C50)										
All races,both sexes	7.9	13.5	21.6	28.6	35.4	43.9	56.6	70.1	93.6	143.7
Male	*	*	0.4	0.6	0.7	1.1	1.5	1.8	2.3	4.4
Female	15.5	26.5	41.7	54.5	66.4	80.2	99.9	119.0	148.8	202.6
White,both sexes	7.1	12.2	20.3	27.1	34.3	43.4	56.3	69.8	93.9	145.7
Male	*	*	0.3	0.5	0.6	1.1	1.3	1.8	2.2	4.2
Female	14.0	24.1	39.6	52.2	65.2	79.9	100.1	118.9	149.6	205.0
All other,both sexes	11.9	20.4	29.4	37.6	42.0	47.4	58.9	72.8	90.6	124.9
Male	*	*	*	*	*	*	*	*	*	*
Female	22.4	37.7	53.2	67.3	73.5	82.1	98.8	119.5	141.1	179.7
Black,both sexes	14.7	24.7	36.4	45.1	49.3	55.9	69.6	88.4	109.6	147.6
Male	*	*	*	*	*	*	*	*	*	*
Female	27.6	45.5	65.1	79.3	84.6	96.6	116.3	143.1	166.1	205.9

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasm of cervix uteri (C53)										
All races, both sexes	1.8	2.4	2.7	3.1	3.6	3.7	3.9	4.7	4.6	7.9
Female	3.6	4.7	5.4	5.9	6.8	6.8	7.0	8.1	7.4	11.2
White, both sexes	1.7	2.3	2.6	2.7	3.0	3.2	3.1	4.0	4.1	6.8
Female	3.4	4.5	5.0	5.2	5.8	5.9	5.6	6.9	6.6	9.6
All other, both sexes	2.4	2.9	3.8	5.3	6.9	7.1	10.4	10.7	9.6	18.4
Female	4.6	5.4	7.0	9.6	12.3	12.4	17.8	17.9	15.2	26.9
Black, both sexes	3.0	3.0	4.3	6.2	8.4	8.4	13.0	12.4	10.0	21.7
Female	5.7	5.6	7.7	11.0	14.7	14.8	22.3	20.3	15.3	30.8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)										
All races, both sexes	0.5	0.9	1.7	3.3	5.6	8.8	11.1	14.5	19.7	23.9
Female	0.9	1.8	3.4	6.4	10.7	16.3	19.8	24.8	31.5	34.0
White, both sexes	0.4	0.9	1.7	3.1	5.2	7.7	10.4	13.7	19.1	23.3
Female	0.8	1.8	3.3	6.0	10.0	14.3	18.6	23.6	30.6	33.1
All other, both sexes	0.7	1.0	2.1	4.7	8.1	16.3	16.7	21.1	25.7	29.4
Female	1.3	1.9	3.8	8.5	14.4	28.5	28.5	35.1	40.5	42.8
Black, both sexes	0.8	*	2.3	5.9	10.7	20.2	21.7	25.8	31.1	35.5
Female	1.6	*	4.2	10.5	18.7	35.3	36.9	42.3	47.8	50.2

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasm of ovary (C56)										
All races,both sexes	1.5	3.2	5.7	8.4	12.8	17.2	22.6	29.2	36.0	37.4
Female	3.0	6.3	11.0	16.2	24.3	31.8	40.5	50.2	57.7	53.2
White,both sexes	1.6	3.3	5.8	8.7	13.2	17.8	23.2	29.7	36.8	38.7
Female	3.1	6.6	11.4	16.9	25.4	33.1	41.6	51.1	59.2	54.9
All other,both sexes	1.2	2.6	5.0	6.5	10.0	13.6	18.7	25.1	27.1	25.6
Female	2.3	4.8	9.1	11.7	17.8	23.8	31.9	41.8	42.7	37.4
Black,both sexes	1.1	2.5	5.3	7.4	11.6	14.5	22.6	29.0	29.6	28.8
Female	2.1	4.5	9.6	13.1	20.2	25.4	38.5	47.6	45.5	40.7
Malignant neoplasm of prostate (C61)										
All races,both sexes	0.1	0.5	1.7	4.9	12.5	28.7	52.5	89.1	143.3	206.5
Male	0.3	1.1	3.4	10.3	26.4	62.5	119.2	213.7	380.5	695.0
White,both sexes	0.1	0.4	1.4	4.3	10.3	25.2	47.0	81.2	134.5	194.8
Male	0.2	0.8	2.9	8.8	21.5	54.4	105.9	193.8	356.1	659.9
All other,both sexes	*	1.0	3.2	9.2	25.9	51.3	95.4	158.9	231.8	316.1
Male	*	2.2	7.0	20.5	59.2	119.7	230.0	398.4	632.8	1,005.0
Black,both sexes	*	1.4	4.4	12.2	33.9	66.5	122.7	197.4	285.2	367.1
Male	*	3.0	9.9	27.8	79.5	155.5	296.6	506.1	816.3	1,248.6

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasms of kidney and renal pelvis (C64-C65)										
All races, both sexes	1.1	2.2	4.4	7.4	11.0	14.5	19.4	23.1	27.3	31.3
Male	1.5	3.3	6.3	10.9	16.2	20.6	27.6	33.2	38.6	47.6
Female	0.6	1.2	2.5	4.3	6.3	9.4	13.0	15.9	20.4	24.4
White, both sexes	1.1	2.1	4.4	7.6	11.3	15.0	19.7	23.4	27.6	31.5
Male	1.5	3.2	6.2	10.9	16.7	21.0	27.9	33.6	39.9	48.3
Female	0.6	1.1	2.6	4.5	6.4	9.7	13.2	16.1	20.2	24.4
All other, both sexes	1.1	2.6	4.3	6.6	8.6	11.8	17.1	20.8	23.6	29.4
Male	1.6	3.8	7.2	10.6	12.4	17.8	24.8	29.9	25.7	41.2
Female	*	1.5	1.9	3.3	5.6	7.2	11.6	14.7	22.4	24.0
Black, both sexes	1.2	3.0	5.2	7.9	9.8	13.0	19.2	23.1	25.4	31.3
Male	1.8	4.3	8.6	13.1	14.7	19.2	27.0	33.1	27.6	45.6
Female	*	1.9	2.4	3.9	6.3	8.4	13.8	16.8	24.1	25.3
Malignant neoplasm of bladder (C67)										
All races, both sexes	0.3	0.7	2.0	3.8	7.2	11.9	20.5	29.7	44.4	68.1
Male	0.4	1.1	3.0	6.0	11.3	19.6	33.2	51.5	79.0	129.7
Female	0.2	0.3	0.9	1.8	3.5	5.4	10.5	14.1	23.5	42.1
White, both sexes	0.3	0.7	2.0	3.9	7.3	12.3	21.1	30.5	45.6	69.7
Male	0.4	1.1	3.0	6.3	11.6	20.5	34.8	53.5	81.7	136.4
Female	0.2	0.3	1.0	1.6	3.4	5.2	10.2	14.0	23.7	41.8
All other, both sexes	*	0.8	1.7	3.5	6.0	9.6	15.9	22.4	32.6	53.5
Male	*	1.4	3.0	4.2	8.8	13.2	20.2	33.0	51.3	70.4
Female	*	*	*	2.9	3.9	7.0	12.8	15.4	21.7	45.7
Black, both sexes	*	1.0	2.3	4.6	7.0	11.4	18.8	25.5	36.8	60.4
Male	*	*	4.2	5.7	10.2	15.0	22.8	37.7	58.7	80.4
Female	*	*	*	3.7	4.6	8.8	16.1	17.6	25.1	52.0

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)										
All races, both sexes	2.8	4.4	6.3	9.4	11.9	15.9	18.5	21.1	19.7	15.9
Male	3.4	5.3	7.7	10.8	15.0	19.8	22.5	25.7	24.3	19.9
Female	2.2	3.4	5.0	8.0	9.0	12.5	15.3	17.7	16.9	14.2
White, both sexes	3.0	4.8	6.8	10.1	12.7	17.1	19.9	22.2	20.5	16.6
Male	3.6	5.8	8.1	11.6	16.0	21.3	24.2	27.0	25.6	21.1
Female	2.5	3.8	5.5	8.7	9.8	13.5	16.4	18.8	17.5	14.7
All other, both sexes	1.7	2.1	3.7	4.6	6.4	7.8	7.6	10.7	11.2	9.5
Male	2.3	3.0	4.9	5.6	8.8	9.5	8.7	13.5	*	*
Female	1.1	1.4	2.7	3.8	4.6	6.5	6.8	8.9	11.6	9.4
Black, both sexes	1.9	2.6	4.1	5.4	6.8	8.2	7.8	12.0	12.1	9.9
Male	2.6	3.8	5.7	6.2	9.1	10.5	8.5	13.8	*	*
Female	*	1.6	2.9	4.8	5.1	6.5	7.3	10.9	13.5	9.5

Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)

All races, both sexes	4.8	8.5	14.0	26.0	40.0	63.5	95.0	130.9	176.3	198.4
Male	5.9	10.4	17.3	31.7	49.7	79.2	119.9	166.9	220.4	268.4
Female	3.8	6.7	10.9	20.8	31.4	50.1	75.5	105.2	149.7	168.8
White, both sexes	4.7	8.4	13.7	25.6	39.8	64.7	96.9	133.3	180.5	203.7
Male	5.6	10.1	16.9	31.1	49.5	80.8	122.4	169.7	227.3	277.0
Female	3.7	6.7	10.5	20.4	30.9	50.8	76.6	107.1	152.1	173.1
All other, both sexes	5.6	9.1	15.9	28.4	41.4	55.5	80.6	109.8	133.9	147.8
Male	7.2	11.7	19.6	35.3	51.0	68.2	99.2	141.0	148.3	193.1
Female	4.2	6.8	12.9	22.7	34.0	46.0	67.4	89.1	125.6	127.1
Black, both sexes	6.5	10.7	19.1	33.7	46.6	62.6	89.9	119.6	145.5	162.3
Male	8.4	13.7	24.1	43.1	57.7	77.7	109.9	154.0	163.3	204.3
Female	4.9	8.1	14.9	26.5	38.3	51.2	75.7	97.6	135.9	144.8

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Hodgkin's disease (C81)										
All races,both sexes	0.3	0.4	0.5	0.7	0.9	1.3	1.9	2.0	2.3	2.3
Male	0.4	0.5	0.6	0.9	1.2	1.7	2.3	2.3	2.8	3.6
Female	0.2	0.3	0.4	0.5	0.5	0.9	1.5	1.9	2.1	1.8
White,both sexes	0.4	0.4	0.5	0.7	0.9	1.3	2.0	2.2	2.5	2.4
Male	0.5	0.5	0.6	0.9	1.3	1.7	2.4	2.4	3.0	3.7
Female	0.2	0.4	0.4	0.5	0.6	1.0	1.6	2.0	2.2	1.8
All other,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Non-Hodgkin's lymphoma (C82-C85)										
All races,both sexes	2.1	3.6	6.4	11.0	16.5	25.8	38.8	54.7	73.6	77.3
Male	2.8	4.8	8.2	13.8	20.0	31.2	47.2	67.1	85.1	100.5
Female	1.4	2.4	4.7	8.4	13.4	21.3	32.3	45.8	66.6	67.5
White,both sexes	2.0	3.6	6.6	11.3	17.3	27.5	40.7	57.1	77.6	81.0
Male	2.6	4.8	8.3	14.0	20.6	32.9	49.5	69.2	90.3	104.7
Female	1.4	2.4	4.8	8.8	14.3	22.8	33.8	48.3	69.9	71.1
All other,both sexes	2.4	3.6	5.1	9.1	11.9	15.3	24.1	33.7	33.5	42.6
Male	3.4	5.0	7.0	12.4	16.3	19.8	27.9	47.4	31.3	63.3
Female	1.4	2.4	3.6	6.3	8.4	11.8	21.3	24.6	34.7	33.0
Black,both sexes	2.8	4.2	5.9	10.7	11.9	16.5	23.8	32.1	32.9	40.6
Male	4.0	5.8	8.4	14.4	16.4	22.5	27.3	45.5	28.5	55.4
Female	1.7	2.8	3.8	7.9	8.6	12.0	21.3	23.5	35.3	34.4



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Leukemia (C91-C95)										
All races,both sexes	1.9	3.2	4.5	8.6	13.4	22.0	33.5	46.4	63.5	82.0
Male	2.1	3.6	5.4	10.3	17.2	29.4	46.1	63.7	87.0	114.7
Female	1.7	2.8	3.7	7.1	9.9	15.7	23.5	34.1	49.3	68.2
White,both sexes	1.9	3.2	4.4	8.8	13.5	22.5	34.6	48.1	64.8	85.3
Male	2.1	3.6	5.2	10.5	17.3	30.0	47.7	65.8	89.7	120.2
Female	1.7	2.9	3.6	7.2	9.9	15.9	24.3	35.3	49.8	70.7
All other,both sexes	1.9	3.2	5.2	7.6	12.6	19.0	24.2	31.5	50.0	51.3
Male	2.2	4.1	6.5	9.1	16.0	24.8	32.7	44.1	59.5	66.5
Female	1.6	2.5	4.1	6.4	9.9	14.6	18.1	23.2	44.5	44.3
Black,both sexes	2.0	3.5	5.7	8.2	13.8	21.5	27.7	35.1	53.4	55.9
Male	2.3	4.6	7.4	10.8	18.0	28.0	36.4	49.6	60.5	71.7
Female	1.7	2.6	4.3	6.2	10.7	16.6	21.6	25.9	49.6	49.3
Multiple myeloma and immunoproliferative neoplasms (C88,C90)										
All races,both sexes	0.5	1.2	2.6	5.6	9.2	14.3	20.8	27.6	36.6	36.4
Male	0.6	1.4	3.1	6.6	11.2	16.8	24.3	33.6	45.2	49.3
Female	0.4	1.1	2.1	4.7	7.4	12.1	18.0	23.3	31.5	30.9
White,both sexes	0.4	1.1	2.1	4.8	8.0	13.3	19.4	25.8	35.4	34.8
Male	0.4	1.3	2.7	5.7	10.2	16.1	22.7	32.0	44.1	48.1
Female	0.3	1.0	1.6	3.9	6.0	11.0	16.8	21.3	30.1	29.2
All other,both sexes	1.1	1.9	5.2	11.1	16.6	20.2	31.5	43.8	49.5	51.5
Male	1.3	2.1	5.3	13.1	18.2	22.1	37.6	48.5	57.0	60.1
Female	*	1.7	5.1	9.6	15.3	18.8	27.1	40.7	45.2	47.6
Black,both sexes	1.5	2.5	6.9	14.0	20.4	23.4	37.4	51.3	58.9	63.3
Male	1.9	2.7	7.1	16.8	22.6	25.2	44.9	57.5	73.4	75.0
Female	*	2.3	6.8	11.9	18.7	22.1	32.1	47.3	51.0	58.4

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)										
All races, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black, both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)

All races, both sexes	6.7	11.6	19.6	33.0	53.4	76.9	109.1	142.6	191.1	249.2
Male	7.6	13.4	22.8	39.1	64.0	91.9	133.9	171.4	231.5	306.9
Female	5.7	9.9	16.6	27.4	43.9	64.2	89.5	122.0	166.7	224.8
White, both sexes	6.2	10.9	18.7	31.6	52.0	77.3	108.5	142.5	191.7	251.9
Male	7.1	12.3	21.4	37.2	62.0	91.8	133.3	172.1	234.0	313.6
Female	5.3	9.6	16.1	26.2	42.8	64.9	88.7	121.2	166.0	226.1
All other, both sexes	8.7	15.0	25.1	41.9	62.1	74.0	113.8	143.1	185.3	223.5
Male	9.8	19.4	31.6	51.5	77.9	92.7	139.4	164.5	204.7	247.7
Female	7.8	11.3	19.7	34.1	49.8	60.0	95.6	128.9	174.0	212.4
Black, both sexes	10.2	18.7	30.4	49.2	74.6	82.7	127.5	158.0	201.6	243.1
Male	11.7	24.0	39.1	64.7	98.3	105.7	157.1	185.3	231.5	271.7
Female	8.8	14.2	23.3	37.1	57.0	65.4	106.7	140.5	185.6	231.3

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)										
All races, both sexes	0.9	1.4	2.3	3.6	6.4	10.9	18.9	29.3	48.2	82.5
Male	1.1	1.5	2.8	4.1	8.1	13.6	24.1	36.6	60.6	105.1
Female	0.7	1.4	2.0	3.1	4.9	8.6	14.7	24.2	40.7	72.9
White, both sexes	0.9	1.3	2.3	3.5	6.3	10.8	19.3	29.8	49.3	85.2
Male	1.1	1.4	2.7	4.0	8.2	13.6	24.8	37.2	62.6	110.8
Female	0.7	1.2	1.9	3.0	4.6	8.4	14.9	24.4	41.3	74.4
All other, both sexes	1.0	2.0	2.7	4.0	6.9	11.4	15.6	25.8	36.7	57.2
Male	*	1.8	3.1	4.9	7.5	13.7	18.3	31.0	40.1	54.6
Female	1.1	2.1	2.4	3.3	6.3	9.6	13.7	22.3	34.7	58.4
Black, both sexes	1.3	2.2	3.3	5.0	8.0	13.3	18.0	29.6	40.4	62.0
Male	*	*	3.6	6.4	8.7	16.2	20.8	34.9	42.3	58.7
Female	1.4	2.6	3.1	4.0	7.4	11.0	16.1	26.2	39.4	63.4
Anemias (D50-D64)										
All races, both sexes	0.5	0.7	0.6	0.8	1.2	1.9	3.5	6.8	13.8	43.6
Male	0.5	0.7	0.6	0.7	1.2	2.1	3.5	7.1	14.7	41.8
Female	0.4	0.7	0.6	0.9	1.2	1.6	3.6	6.6	13.3	44.4
White, both sexes	0.1	0.3	0.3	0.4	0.8	1.6	3.3	6.5	13.8	42.9
Male	*	0.4	0.3	*	0.7	2.0	3.1	6.9	14.7	42.0
Female	*	0.3	0.3	0.5	0.9	1.4	3.4	6.2	13.2	43.3
All other, both sexes	2.0	2.5	2.4	3.3	3.4	3.2	5.7	9.3	14.4	49.8
Male	2.2	2.5	2.6	3.4	4.7	*	6.5	9.1	14.4	39.6
Female	1.9	2.5	2.2	3.2	2.4	3.2	5.1	9.4	14.5	54.5
Black, both sexes	2.8	3.3	3.1	4.3	4.4	3.5	6.6	11.5	17.2	53.0
Male	2.9	3.4	3.4	4.4	6.4	*	7.5	10.6	*	41.3
Female	2.6	3.2	2.8	4.1	*	*	6.0	12.1	17.6	57.9

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Diabetes mellitus (E10-E14)										
All races,both sexes	5.4	10.0	17.0	30.0	49.8	76.4	110.5	153.7	217.7	315.6
Male	6.4	12.5	20.0	34.3	55.1	83.7	120.4	169.8	239.7	332.6
Female	4.5	7.6	14.1	26.1	45.0	70.1	102.7	142.3	204.4	308.5
White,both sexes	4.7	8.4	14.2	24.9	42.6	67.7	98.9	141.5	203.2	298.3
Male	5.5	10.7	17.2	29.4	48.5	76.5	112.6	161.4	232.0	323.0
Female	3.9	6.2	11.2	20.6	37.1	60.1	87.9	127.1	185.7	288.0
All other,both sexes	9.0	18.3	33.5	61.8	94.5	132.5	200.8	262.3	363.6	478.1
Male	10.6	22.4	37.6	67.0	99.6	134.2	184.9	247.3	319.8	417.0
Female	7.5	14.7	30.1	57.6	90.5	131.3	212.0	272.3	389.0	506.1
Black,both sexes	11.3	23.0	42.4	74.0	113.4	154.4	227.8	296.2	413.5	530.0
Male	13.2	28.5	47.2	81.7	118.5	157.7	207.2	273.5	370.6	469.4
Female	9.7	18.4	38.5	68.0	109.5	151.9	242.3	310.7	436.5	555.3
Nutritional deficiencies (E40-E64)										
All races,both sexes	0.2	0.2	0.4	0.6	0.9	1.6	3.2	6.4	16.1	53.7
Male	0.2	0.2	0.4	0.7	1.1	1.7	3.9	6.7	15.9	46.5
Female	0.2	0.2	0.4	0.5	0.7	1.5	2.7	6.2	16.2	56.7
White,both sexes	0.2	0.2	0.3	0.4	0.8	1.4	2.7	6.0	15.0	52.7
Male	*	*	0.3	0.4	1.0	1.4	3.1	6.0	14.6	45.1
Female	*	*	0.4	0.4	0.6	1.4	2.4	5.9	15.3	56.0
All other,both sexes	*	*	*	1.7	1.5	2.7	7.0	10.7	27.1	62.2
Male	*	*	*	2.6	*	3.7	10.4	13.5	29.4	59.4
Female	*	*	*	*	*	*	4.6	8.9	25.7	63.5
Black,both sexes	*	*	*	2.0	2.0	3.1	8.2	12.4	32.3	70.9
Male	*	*	*	*	*	*	12.4	15.6	34.6	69.5
Female	*	*	*	*	*	*	5.3	10.3	31.1	71.5



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Meningitis (G00,G03)										
All races,both sexes	0.2	0.3	0.3	0.3	0.5	0.5	0.8	0.9	1.2	1.5
Male	0.2	0.4	0.4	0.4	0.4	0.6	0.8	0.9	1.3	1.6
Female	*	0.2	*	*	0.5	0.4	0.7	0.9	1.1	1.4
White,both sexes	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.7	1.1	1.3
Male	*	0.3	*	0.4	*	0.6	0.7	*	1.3	*
Female	*	*	*	*	0.5	*	0.6	0.8	1.0	1.3
All other,both sexes	*	0.7	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	*	1.0	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Parkinson's disease (G20-G21)										
All races,both sexes	*	*	0.2	0.6	1.6	5.7	16.9	41.8	83.9	123.8
Male	*	*	0.3	0.7	2.4	7.8	25.0	63.5	130.5	197.9
Female	*	*	*	0.4	0.9	3.9	10.5	26.4	55.8	92.5
White,both sexes	*	*	0.2	0.6	1.7	6.1	18.0	44.2	88.5	130.9
Male	*	*	0.3	0.8	2.4	8.3	26.8	66.7	137.9	210.0
Female	*	*	*	0.4	0.9	4.2	11.0	27.9	58.5	97.8
All other,both sexes	*	*	*	*	*	3.3	8.4	20.9	38.3	56.5
Male	*	*	*	*	*	4.4	10.4	33.0	53.8	91.0
Female	*	*	*	*	*	*	7.0	13.0	29.3	40.7
Black,both sexes	*	*	*	*	*	3.5	8.6	19.5	33.8	52.1
Male	*	*	*	*	*	5.5	12.0	30.8	48.4	80.4
Female	*	*	*	*	*	*	6.2	12.3	26.0	40.3

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Alzheimer's disease (G30)										
All races, both sexes	*	0.1	0.2	1.0	3.1	8.8	27.1	78.7	209.0	598.3
Male	*	*	*	1.1	3.1	9.0	27.1	76.3	196.9	467.3
Female	*	*	0.3	0.9	3.0	8.6	27.0	80.4	216.3	653.7
White, both sexes	*	*	0.2	1.0	3.3	9.2	27.9	81.4	216.2	626.7
Male	*	*	*	1.1	3.3	9.3	27.9	79.0	204.6	491.2
Female	*	*	*	0.9	3.3	9.2	27.9	83.2	223.2	683.4
All other, both sexes	*	*	*	*	1.6	5.8	20.5	54.5	136.9	332.0
Male	*	*	*	*	*	6.3	20.9	51.1	117.7	257.2
Female	*	*	*	*	*	5.4	20.1	56.7	148.0	366.3
Black, both sexes	*	*	*	*	*	6.6	25.2	65.3	158.8	373.2
Male	*	*	*	*	*	7.7	26.3	60.7	138.2	294.5
Female	*	*	*	*	*	5.8	24.3	68.2	169.8	405.9
Major cardiovascular diseases (I00-I78)										
All races, both sexes	49.8	89.7	153.0	259.0	423.1	685.7	1,124.8	1,892.1	3,401.8	8,155.8
Male	68.6	127.9	220.0	366.4	581.2	921.9	1,474.0	2,356.9	4,052.4	8,277.7
Female	31.3	52.8	89.5	159.7	281.6	485.2	850.0	1,559.5	3,008.8	8,104.3
White, both sexes	42.1	77.5	135.5	233.2	391.0	653.2	1,082.4	1,851.7	3,385.3	8,283.3
Male	60.4	114.5	198.9	335.6	542.8	889.8	1,436.4	2,329.0	4,067.9	8,447.1
Female	23.8	41.0	74.1	136.6	251.9	448.6	800.2	1,507.3	2,971.3	8,214.8
All other, both sexes	86.9	152.2	255.1	417.6	622.7	897.1	1,453.3	2,248.9	3,567.2	6,957.9
Male	110.9	202.0	353.2	572.7	842.1	1,147.5	1,786.2	2,616.2	3,891.8	6,784.4
Female	65.5	109.5	173.3	292.3	452.6	709.2	1,217.4	2,005.0	3,379.5	7,037.5
Black, both sexes	110.2	192.7	325.8	518.4	754.9	1,057.8	1,695.1	2,564.2	3,956.4	7,597.8
Male	138.6	254.8	453.6	717.7	1,039.1	1,347.8	2,058.2	2,949.1	4,366.4	7,345.8
Female	85.1	140.3	221.8	363.3	543.5	841.0	1,439.0	2,318.2	3,736.3	7,702.8

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Diseases of heart (I00-I09,I11,I13,I20-I51)										
All races,both sexes	40.0	72.8	127.1	214.4	347.8	552.6	878.4	1,430.4	2,518.3	6,032.5
Male	57.9	108.9	189.3	313.3	489.0	763.7	1,183.8	1,837.7	3,103.0	6,313.3
Female	22.3	38.0	68.1	123.0	221.2	373.5	638.2	1,139.0	2,165.1	5,913.8
White,both sexes	34.7	64.8	115.3	196.3	326.1	530.9	850.8	1,405.7	2,513.8	6,140.9
Male	52.1	100.1	175.1	291.0	462.8	743.1	1,161.5	1,825.9	3,128.0	6,462.1
Female	17.2	30.0	57.5	106.9	200.8	347.4	603.1	1,102.5	2,141.2	6,006.4
All other,both sexes	65.4	114.1	195.8	326.1	482.4	694.1	1,092.7	1,648.8	2,562.9	5,013.7
Male	87.7	157.9	279.5	462.7	667.3	908.6	1,369.2	1,947.2	2,844.1	5,001.4
Female	45.6	76.7	126.2	215.6	338.9	533.1	896.8	1,450.7	2,400.4	5,019.4
Black,both sexes	83.1	146.2	251.7	407.7	589.0	824.6	1,282.0	1,886.7	2,871.7	5,498.5
Male	109.6	199.8	359.4	582.1	825.8	1,070.3	1,585.0	2,204.3	3,228.8	5,433.3
Female	59.9	100.9	163.9	272.0	412.8	640.8	1,068.2	1,683.6	2,680.0	5,525.6
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)										
All races,both sexes	0.3	0.5	0.9	1.5	2.1	3.6	5.9	8.4	12.7	17.9
Male	0.3	0.4	0.6	1.0	1.4	2.5	4.7	5.4	8.9	9.9
Female	0.4	0.6	1.1	1.9	2.8	4.5	6.8	10.5	15.1	21.3
White,both sexes	0.3	0.5	0.8	1.4	2.0	3.7	6.1	8.8	13.3	18.9
Male	0.2	0.4	0.6	1.0	1.3	2.6	4.9	5.5	9.4	10.8
Female	0.3	0.6	1.0	1.8	2.7	4.6	7.0	11.2	15.7	22.3
All other,both sexes	0.7	0.7	1.5	1.8	2.5	2.9	4.2	4.8	6.9	9.0
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	2.0	2.2	3.2	4.0	4.9	5.1	8.7	12.0
Black,both sexes	0.7	0.9	1.7	2.2	2.2	2.7	4.2	4.3	*	8.3
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	2.8	*	*	4.8	*	*	11.3



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Hypertensive heart disease (I11)										
All races, both sexes	2.8	4.6	6.3	9.8	12.1	16.4	22.4	36.5	65.6	183.9
Male	3.9	6.2	8.4	12.9	15.3	19.8	24.8	38.8	58.8	128.5
Female	1.7	3.1	4.4	6.9	9.3	13.6	20.5	34.8	69.6	207.3
White, both sexes	1.7	2.9	4.2	6.6	8.8	12.2	17.1	30.0	58.0	175.0
Male	2.7	4.2	5.9	9.1	11.5	14.6	19.4	32.0	51.5	119.9
Female	0.8	1.6	2.5	4.2	6.4	10.0	15.3	28.6	61.9	198.1
All other, both sexes	7.7	13.3	18.8	29.6	32.7	44.2	63.4	93.4	141.5	268.0
Male	10.2	16.9	24.2	38.8	41.0	56.0	70.1	101.6	134.6	205.0
Female	5.6	10.3	14.3	22.1	26.2	35.3	58.7	88.0	145.5	297.0
Black, both sexes	10.2	18.3	26.0	38.7	42.2	55.7	78.6	114.2	168.4	305.8
Male	13.1	23.3	33.5	51.8	54.4	70.2	86.5	125.0	165.0	244.5
Female	7.7	14.0	19.9	28.5	33.2	44.9	73.0	107.3	170.3	331.3
Hypertensive heart and renal disease (I13)										
All races, both sexes	0.3	0.4	0.5	0.9	1.4	2.1	3.1	6.6	12.5	29.0
Male	0.4	0.5	0.6	1.1	1.6	2.3	3.2	7.2	13.2	30.2
Female	0.2	0.3	0.3	0.7	1.2	2.0	3.0	6.2	12.0	28.5
White, both sexes	*	0.1	0.2	0.4	0.7	1.2	1.9	5.2	10.6	26.0
Male	*	*	*	0.5	0.8	1.4	2.0	5.8	12.0	27.9
Female	*	*	*	0.4	0.6	1.1	1.8	4.8	9.7	25.2
All other, both sexes	1.5	1.9	1.9	3.8	5.7	7.9	12.1	19.3	31.4	56.5
Male	1.8	2.7	2.8	5.0	7.2	8.3	13.2	20.9	25.0	49.9
Female	1.2	1.2	*	2.9	4.5	7.7	11.3	18.3	35.1	59.5
Black, both sexes	2.1	2.5	2.4	5.1	7.4	9.7	15.3	21.9	36.8	65.5
Male	2.6	3.6	3.7	6.6	9.8	10.2	16.6	23.0	29.4	55.4
Female	1.6	1.6	*	4.0	5.6	9.3	14.5	21.2	40.8	69.7

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON THE TENTH REVISION INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, AND SEX	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Ischemic heart diseases (I20-I25)										
All races, both sexes	24.1	49.2	92.7	159.8	264.4	424.3	669.9	1,083.0	1,866.6	4,296.3
Male	37.8	78.4	145.2	243.0	384.5	603.8	932.2	1,440.7	2,384.8	4,654.4
Female	10.6	21.1	43.1	83.0	156.9	271.9	463.6	827.1	1,553.5	4,145.0
White, both sexes	22.4	46.5	87.4	151.1	253.2	413.9	655.9	1,072.7	1,871.7	4,380.8
Male	35.9	75.7	138.7	232.1	370.8	596.6	923.8	1,443.5	2,417.0	4,780.9
Female	8.9	17.8	37.7	74.5	145.4	256.0	442.2	805.1	1,540.8	4,213.2
All other, both sexes	32.2	62.9	124.0	213.7	334.0	491.6	779.2	1,174.4	1,815.5	3,503.6
Male	47.3	93.4	186.0	315.3	477.6	654.5	1,002.2	1,414.6	2,051.7	3,539.8
Female	18.7	36.8	72.3	131.6	222.7	369.2	621.1	1,014.9	1,678.9	3,487.0
Black, both sexes	39.8	78.6	156.4	263.1	401.6	576.9	901.2	1,327.1	2,012.8	3,813.5
Male	57.0	114.2	233.1	389.4	579.2	759.4	1,140.0	1,578.2	2,290.7	3,783.8
Female	24.8	48.6	94.0	164.8	269.4	440.5	732.8	1,166.6	1,863.5	3,825.8
Acute myocardial infarction (I21-I22)										
All races, both sexes	10.4	21.8	40.1	70.9	116.8	183.5	274.9	423.7	698.7	1,372.4
Male	16.0	34.3	63.0	107.6	168.6	257.2	376.9	555.8	879.3	1,560.7
Female	4.9	9.8	18.5	36.9	70.5	120.9	194.6	329.1	589.6	1,292.7
White, both sexes	10.0	21.3	39.2	69.1	115.1	183.0	271.9	421.9	700.8	1,390.5
Male	15.7	34.3	62.5	105.8	168.0	258.9	378.3	560.9	891.9	1,593.0
Female	4.3	8.5	16.5	34.6	66.6	117.3	187.0	321.6	584.9	1,305.7
All other, both sexes	12.4	24.5	45.7	81.4	127.5	186.8	298.1	439.6	677.3	1,201.8
Male	17.6	34.7	66.0	120.0	172.4	245.4	364.8	508.8	749.2	1,276.5
Female	7.9	15.8	28.8	50.3	92.6	142.9	250.7	393.8	635.7	1,167.5
Black, both sexes	15.4	30.7	57.5	98.6	152.6	216.8	345.6	497.2	762.1	1,321.4
Male	21.1	42.5	82.3	145.2	208.0	280.0	417.6	572.8	850.0	1,389.8
Female	10.4	20.8	37.3	62.3	111.3	169.5	294.8	448.8	714.9	1,292.9

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Other acute ischemic heart diseases (I24)										
All races, both sexes	0.3	0.5	1.0	1.6	2.3	3.1	4.3	5.5	9.3	21.7
Male	0.4	0.7	1.4	2.6	3.1	4.4	5.7	7.5	10.7	21.4
Female	*	0.2	0.6	0.7	1.5	2.0	3.3	4.1	8.5	21.9
White, both sexes	0.2	0.3	0.9	1.5	2.2	3.0	4.1	5.4	9.0	22.3
Male	0.3	0.5	1.2	2.3	2.9	4.2	5.3	7.5	10.2	22.2
Female	*	*	0.5	0.7	1.5	2.0	3.1	3.9	8.3	22.4
All other, both sexes	*	1.1	1.7	2.6	3.0	3.7	6.4	7.0	12.2	16.4
Male	*	1.9	2.2	4.6	5.0	5.7	8.7	7.7	15.6	*
Female	*	*	*	*	*	*	4.8	6.5	10.1	17.1
Black, both sexes	*	1.5	2.3	3.3	4.0	4.2	7.3	8.8	14.5	17.3
Male	*	2.5	3.0	6.0	6.9	6.5	9.8	9.7	17.3	*
Female	*	*	*	*	*	*	5.5	8.2	13.0	16.7
Other forms of chronic ischemic heart disease (I20, I25)										
All races, both sexes	13.4	26.9	51.6	87.3	145.3	237.7	390.7	653.8	1,158.6	2,902.2
Male	21.4	43.3	80.8	132.8	212.8	342.2	549.7	877.4	1,494.8	3,072.2
Female	5.6	11.1	24.0	45.3	84.9	149.0	265.7	493.8	955.4	2,830.4
White, both sexes	12.2	24.9	47.4	80.5	136.0	227.9	379.9	645.4	1,161.8	2,967.9
Male	19.9	40.9	75.0	124.1	200.0	333.5	540.2	875.1	1,514.9	3,165.7
Female	4.5	9.1	20.6	39.3	77.3	136.7	252.1	479.7	947.6	2,885.1
All other, both sexes	19.3	37.3	76.6	129.7	203.6	301.0	474.8	727.7	1,126.0	2,285.4
Male	29.0	56.9	117.9	190.8	300.1	403.4	628.7	898.1	1,286.8	2,248.3
Female	10.7	20.5	42.3	80.3	128.6	224.1	365.6	614.7	1,033.0	2,302.4
Black, both sexes	23.9	46.4	96.6	161.2	245.0	356.0	548.4	821.2	1,236.2	2,474.8
Male	35.0	69.1	147.8	238.2	364.3	472.9	712.6	995.7	1,423.5	2,375.4
Female	14.2	27.2	55.0	101.2	156.3	268.5	432.5	709.5	1,135.6	2,516.2

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Atherosclerotic cardiovascular disease, so described (I25.0)										
All races, both sexes	4.6	9.3	17.9	29.1	44.1	60.2	87.8	131.9	221.2	560.5
Male	7.6	15.1	28.9	46.0	66.0	88.6	121.8	170.1	262.5	556.7
Female	1.8	3.6	7.5	13.5	24.4	36.2	61.1	104.5	196.2	562.1
White, both sexes	4.1	8.1	15.5	25.0	38.1	53.0	78.9	121.7	212.3	556.4
Male	6.9	13.4	25.5	40.1	57.2	79.0	110.3	157.5	252.5	553.5
Female	1.3	2.8	5.9	10.7	20.5	30.5	53.9	95.8	188.0	557.6
All other, both sexes	7.2	15.5	31.7	54.6	81.6	107.2	157.2	221.8	310.0	599.3
Male	10.9	24.9	50.5	85.4	126.3	155.8	217.7	286.7	366.1	585.6
Female	3.8	7.4	16.1	29.8	47.0	70.7	114.4	178.7	277.5	605.5
Black, both sexes	9.1	19.5	40.3	69.0	99.7	129.6	187.8	262.8	354.0	670.0
Male	13.7	30.9	64.0	108.5	154.7	190.0	259.9	338.8	431.0	664.0
Female	5.1	9.9	20.9	38.2	58.8	84.5	137.0	214.3	312.7	672.5
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)										
All races, both sexes	8.8	17.6	33.7	58.2	101.2	177.4	302.9	521.9	937.4	2,341.7
Male	13.8	28.2	51.9	86.8	146.7	253.6	427.9	707.3	1,232.3	2,515.5
Female	3.9	7.5	16.5	31.8	60.5	112.8	204.6	389.3	759.2	2,268.3
White, both sexes	8.1	16.8	31.8	55.5	97.9	174.9	301.0	523.7	949.5	2,411.5
Male	13.0	27.5	49.5	84.0	142.8	254.4	429.9	717.6	1,262.4	2,612.2
Female	3.2	6.3	14.8	28.6	56.8	106.2	198.2	383.8	759.6	2,327.5
All other, both sexes	12.2	21.8	44.9	75.0	121.9	193.8	317.5	506.0	816.0	1,686.1
Male	18.1	32.0	67.4	105.4	173.9	247.6	411.0	611.4	920.7	1,662.7
Female	6.9	13.1	26.2	50.5	81.6	153.4	251.3	436.0	755.5	1,696.8
Black, both sexes	14.8	26.9	56.4	92.2	145.3	226.4	360.5	558.3	882.2	1,804.8
Male	21.3	38.2	83.8	129.7	209.6	283.0	452.8	656.9	992.5	1,711.5
Female	9.1	17.3	34.1	63.0	97.5	184.1	295.5	495.3	823.0	1,843.7



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Diseases of pericardium and acute myocarditis (I30-I31,I40)										
All races,both sexes	0.3	0.3	0.3	0.5	0.6	0.7	0.9	1.2	1.5	2.0
Male	0.3	0.3	0.3	0.6	0.6	0.8	0.9	1.2	1.5	2.4
Female	0.2	0.3	0.2	0.3	0.6	0.7	0.9	1.2	1.5	1.9
White,both sexes	0.2	0.3	0.2	0.5	0.6	0.7	0.8	1.2	1.5	2.0
Male	0.2	0.3	*	0.6	0.6	0.7	0.9	1.3	1.5	2.4
Female	*	0.3	*	*	0.6	0.7	0.8	1.1	1.5	1.8
All other,both sexes	0.6	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Heart failure (I50)										
All races,both sexes	0.8	1.5	2.9	6.6	11.9	23.7	48.8	94.5	204.4	678.5
Male	1.0	2.0	3.8	8.2	14.5	28.4	59.4	106.8	223.5	641.7
Female	0.6	1.1	2.2	5.2	9.6	19.7	40.5	85.7	192.8	694.0
White,both sexes	0.6	1.1	2.3	5.7	11.1	22.3	47.4	92.7	205.0	697.9
Male	0.8	1.4	3.0	7.2	13.5	26.7	58.8	105.7	225.2	658.9
Female	0.4	0.8	1.7	4.2	8.9	18.6	38.4	83.2	192.7	714.2
All other,both sexes	1.8	3.7	6.6	12.6	17.0	32.8	59.9	110.6	198.6	496.2
Male	1.9	4.8	8.6	14.8	21.5	40.8	64.5	116.4	205.9	490.6
Female	1.6	2.7	4.9	10.9	13.5	26.8	56.7	106.8	194.3	498.8
Black,both sexes	2.4	5.0	8.8	16.7	22.4	40.6	73.6	131.1	226.4	554.0
Male	2.7	6.6	11.7	20.2	28.6	49.5	79.7	142.1	236.7	559.6
Female	2.1	3.5	6.4	13.9	17.7	34.0	69.3	124.0	220.8	551.7

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)										
All races,both sexes	11.1	15.9	23.0	34.6	54.4	80.7	125.9	198.1	352.3	821.9
Male	13.9	20.6	29.7	45.5	70.2	105.0	156.8	234.9	408.4	841.6
Female	8.3	11.4	16.6	24.6	40.3	60.1	101.6	171.7	318.4	813.6
White,both sexes	9.1	13.1	19.8	30.2	48.9	75.8	120.1	193.0	351.1	837.4
Male	11.8	17.5	25.8	39.7	63.4	99.3	150.1	229.3	407.4	856.5
Female	6.4	8.7	14.0	21.2	35.6	55.6	96.3	166.9	316.9	829.5
All other,both sexes	20.4	30.4	41.5	62.0	88.5	112.1	170.4	243.0	364.8	676.4
Male	24.5	37.8	54.3	84.1	116.2	145.3	212.4	287.7	418.7	710.6
Female	16.7	24.1	30.9	44.1	67.0	87.2	140.6	213.3	333.6	660.7
Black,both sexes	26.4	39.4	54.3	78.8	110.8	135.6	204.9	284.5	418.6	747.6
Male	31.9	49.3	72.6	108.3	149.4	176.5	254.3	330.1	498.4	787.8
Female	21.6	31.0	39.4	55.9	82.1	105.0	170.0	255.4	375.8	730.9
Essential (primary) hypertension and hypertensive renal disease (I10,I12)										
All races,both sexes	0.9	1.7	2.9	4.2	7.4	12.1	18.8	32.7	60.7	151.3
Male	1.1	2.1	3.6	5.1	8.4	13.6	20.3	32.6	59.0	127.4
Female	0.7	1.3	2.2	3.3	6.6	10.9	17.7	32.9	61.7	161.4
White,both sexes	0.5	1.1	1.7	2.7	5.1	9.2	15.4	27.6	54.0	141.8
Male	0.7	1.4	2.1	3.6	5.9	10.6	16.8	27.8	52.2	117.2
Female	0.3	0.8	1.2	1.9	4.3	8.0	14.2	27.5	55.0	152.0
All other,both sexes	3.0	5.0	9.8	13.0	22.0	31.1	45.8	78.0	128.2	240.9
Male	3.5	6.0	12.8	15.3	25.3	34.5	49.1	77.4	129.6	216.8
Female	2.5	4.1	7.2	11.2	19.4	28.5	43.5	78.4	127.4	251.9
Black,both sexes	4.0	6.5	13.4	17.3	27.5	36.8	56.9	95.4	144.9	270.0
Male	4.7	8.1	17.8	20.4	32.4	41.5	59.5	95.6	153.8	246.7
Female	3.5	5.1	9.8	14.9	23.8	33.3	55.1	95.2	140.1	279.7

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Cerebrovascular diseases (I60-I69)										
All races, both sexes	7.4	12.7	18.9	32.2	52.3	92.0	175.6	341.2	673.0	1,606.7
Male	7.8	13.5	21.4	36.5	61.4	104.3	199.3	371.2	702.2	1,455.5
Female	7.1	11.9	16.5	28.3	44.2	81.6	156.9	319.7	655.4	1,670.6
White, both sexes	5.7	9.5	14.8	26.5	44.2	84.0	163.5	330.0	666.3	1,628.5
Male	6.0	10.0	16.6	30.0	51.5	94.8	185.7	358.2	696.8	1,475.5
Female	5.3	9.0	13.0	23.3	37.5	74.6	145.8	309.6	647.8	1,692.6
All other, both sexes	16.1	29.2	43.0	67.5	102.8	144.5	269.4	440.5	740.4	1,401.6
Male	16.8	33.0	51.9	80.0	128.6	170.7	312.8	492.6	758.0	1,279.6
Female	15.4	25.9	35.6	57.3	82.8	124.8	238.6	405.8	730.2	1,457.6
Black, both sexes	19.9	35.1	53.1	79.7	120.0	164.5	306.1	490.0	790.1	1,495.5
Male	20.9	40.2	65.7	97.0	156.3	196.7	351.6	541.1	811.1	1,343.1
Female	19.1	30.9	42.8	66.3	93.0	140.3	273.9	457.3	778.9	1,559.0
Atherosclerosis (I70)										
All races, both sexes	0.1	0.3	0.8	1.3	3.0	5.1	11.3	24.1	54.3	201.0
Male	0.2	0.4	1.1	1.8	3.9	6.4	13.4	27.6	59.6	181.8
Female	*	*	0.5	0.9	2.2	4.1	9.6	21.7	51.0	209.0
White, both sexes	*	0.3	0.7	1.3	2.9	5.0	11.4	24.2	55.3	207.3
Male	*	0.4	1.0	1.7	3.8	6.3	13.4	27.4	60.4	187.7
Female	*	*	0.5	0.9	2.1	4.0	9.8	22.0	52.2	215.5
All other, both sexes	*	*	1.1	1.8	3.6	5.7	10.4	23.4	44.0	141.1
Male	*	*	*	3.0	4.6	7.2	13.2	30.3	51.3	129.8
Female	*	*	*	*	2.8	4.6	8.4	18.8	39.8	146.3
Black, both sexes	*	*	1.4	2.1	4.7	6.7	11.8	27.6	48.9	154.6
Male	*	*	*	3.5	6.0	8.5	15.0	35.9	56.1	152.1
Female	*	*	*	*	3.8	5.4	9.6	22.3	45.0	155.7



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Other diseases of circulatory system (I71-I78)										
All races, both sexes	1.3	2.2	3.4	6.8	12.7	23.8	40.6	63.6	95.5	164.4
Male	1.6	3.0	4.6	9.7	18.6	33.9	57.2	87.8	128.5	199.6
Female	1.1	1.3	2.2	4.2	7.4	15.1	27.6	46.3	75.6	149.5
White, both sexes	1.2	1.9	3.0	6.4	12.8	24.1	41.4	64.2	95.9	164.8
Male	1.5	2.7	4.1	9.4	18.9	35.0	59.0	89.9	130.4	204.5
Female	0.9	1.0	2.0	3.6	7.2	14.6	27.3	45.7	75.0	148.2
All other, both sexes	2.1	3.6	5.3	9.3	12.0	21.8	35.0	58.3	91.7	160.5
Male	2.5	4.8	7.7	11.7	16.3	26.5	41.9	68.6	108.9	156.7
Female	1.8	2.6	3.4	7.3	8.6	18.2	30.0	51.4	81.8	162.3
Black, both sexes	2.8	4.6	6.4	11.6	13.7	25.2	38.3	64.5	100.8	179.2
Male	3.1	6.3	9.2	14.7	18.6	30.7	47.2	72.2	116.6	170.6
Female	2.5	3.2	4.1	9.1	10.1	21.1	32.1	59.7	92.3	182.8
Aortic aneurysm and dissection (I71)										
All races, both sexes	0.9	1.5	2.2	4.4	8.2	16.7	27.6	42.2	59.0	79.9
Male	1.2	2.3	3.4	7.0	13.2	25.7	41.4	62.3	88.0	120.5
Female	0.5	0.7	1.0	2.1	3.8	9.1	16.8	27.9	41.5	62.8
White, both sexes	0.7	1.2	1.9	4.3	8.6	17.3	28.7	43.6	60.7	82.1
Male	1.0	1.9	3.0	6.9	13.9	27.0	43.5	65.4	91.0	125.8
Female	0.4	0.5	0.9	1.8	3.7	9.0	16.9	27.9	42.2	63.8
All other, both sexes	1.6	2.8	3.4	5.4	6.2	12.6	19.1	30.1	42.0	59.7
Male	2.2	4.3	5.7	7.6	9.1	16.5	23.6	33.6	56.3	74.4
Female	1.0	1.6	1.5	3.6	3.9	9.6	15.9	27.7	33.7	53.0
Black, both sexes	2.0	3.6	4.2	6.6	6.6	13.7	19.6	29.8	42.3	60.4
Male	2.7	5.6	6.9	9.4	9.8	18.5	24.4	29.0	53.6	70.6
Female	1.4	2.0	*	4.4	4.3	10.1	16.3	30.3	36.2	56.1

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Other diseases of arteries, arterioles and capillaries (I72-I78)										
All races, both sexes	0.5	0.7	1.2	2.4	4.4	7.0	13.0	21.4	36.6	84.5
Male	0.4	0.8	1.2	2.7	5.3	8.3	15.8	25.5	40.5	79.1
Female	0.5	0.6	1.2	2.1	3.6	6.0	10.8	18.4	34.2	86.7
White, both sexes	0.5	0.7	1.1	2.1	4.2	6.7	12.6	20.6	35.2	82.7
Male	0.4	0.8	1.1	2.5	5.0	8.0	15.5	24.5	39.4	78.7
Female	0.5	0.6	1.1	1.8	3.4	5.6	10.3	17.8	32.8	84.4
All other, both sexes	0.6	0.8	1.9	3.9	5.8	9.2	15.9	28.2	49.8	100.8
Male	*	*	2.0	4.1	7.2	10.0	18.3	35.0	52.6	82.3
Female	*	*	1.8	3.7	4.8	8.6	14.2	23.7	48.1	109.3
Black, both sexes	0.8	1.0	2.2	5.0	7.1	11.5	18.7	34.8	58.6	118.9
Male	*	*	*	5.3	8.9	12.2	22.8	43.2	63.1	100.0
Female	*	*	*	4.7	5.8	11.0	15.8	29.4	56.1	126.7
Other disorders of circulatory system (I80-I99)										
All races, both sexes	0.8	1.0	1.1	1.6	2.3	3.3	4.3	6.8	12.8	23.3
Male	0.9	1.1	1.2	1.7	2.4	3.8	4.8	7.4	13.1	20.0
Female	0.6	1.0	0.9	1.5	2.1	2.9	3.9	6.4	12.7	24.7
White, both sexes	0.6	0.9	0.9	1.6	2.1	3.0	4.2	6.5	12.5	23.1
Male	0.7	0.9	1.0	1.7	2.3	3.3	4.7	6.9	12.7	20.0
Female	0.5	0.9	0.9	1.5	1.9	2.7	3.7	6.2	12.4	24.4
All other, both sexes	1.5	1.8	1.9	1.7	3.2	5.5	5.5	9.3	16.0	24.9
Male	1.9	2.0	2.5	*	*	7.2	5.8	11.4	17.5	19.8
Female	1.0	1.6	*	*	3.5	4.2	5.3	7.8	15.2	27.2
Black, both sexes	1.9	2.5	2.4	2.1	4.0	6.6	6.3	11.5	18.4	28.4
Male	2.6	2.8	3.2	*	*	9.0	6.5	14.3	20.7	*
Female	*	2.1	*	*	4.1	4.9	6.2	9.7	17.2	31.7









TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Emphysema (J43)										
All races, both sexes	0.4	0.7	2.0	5.6	12.3	23.8	38.9	51.4	66.2	61.8
Male	0.4	0.9	2.3	6.4	13.9	28.4	49.4	66.3	91.0	101.4
Female	0.3	0.5	1.8	4.9	10.9	19.9	30.6	40.7	51.2	45.0
White, both sexes	0.3	0.6	2.0	5.9	13.2	25.7	41.4	53.9	69.6	64.6
Male	0.3	0.8	2.1	6.5	14.5	29.9	51.2	68.7	93.9	105.8
Female	0.3	0.5	1.9	5.4	12.1	22.1	33.6	43.2	54.9	47.3
All other, both sexes	0.6	1.0	1.9	3.8	6.8	11.3	19.4	29.7	31.4	35.3
Male	*	1.4	3.2	5.7	10.1	17.6	34.0	44.4	60.1	62.5
Female	*	*	*	2.3	4.3	6.5	9.0	19.9	14.8	22.9
Black, both sexes	0.8	1.4	2.5	4.7	8.1	13.6	20.7	31.6	32.6	37.7
Male	*	2.0	4.4	6.7	12.4	22.0	35.5	47.4	64.8	67.4
Female	*	*	*	3.0	5.0	7.3	10.3	21.5	15.3	25.3
Asthma (J45-J46)										
All races, both sexes	1.1	1.6	1.8	2.7	2.3	3.7	4.8	6.2	9.8	17.2
Male	0.8	1.0	1.3	1.9	1.8	2.7	3.9	4.7	7.1	12.3
Female	1.3	2.2	2.3	3.3	2.7	4.7	5.5	7.3	11.4	19.4
White, both sexes	0.8	1.2	1.3	2.1	1.8	3.1	4.1	5.8	9.5	16.6
Male	0.5	0.7	0.9	1.5	1.3	2.0	3.1	4.2	7.0	10.5
Female	1.1	1.7	1.7	2.6	2.2	4.0	4.9	7.0	11.0	19.1
All other, both sexes	2.6	3.8	4.7	6.3	5.4	7.9	10.4	9.7	12.6	23.4
Male	2.4	2.8	3.5	4.7	5.2	7.0	11.1	9.8	*	27.7
Female	2.7	4.7	5.6	7.6	5.6	8.5	9.9	9.6	15.2	21.4
Black, both sexes	3.3	5.0	6.0	7.4	6.3	8.1	11.0	9.9	11.8	20.4
Male	2.9	3.7	4.5	5.3	6.0	6.5	11.7	9.2	*	*
Female	3.6	6.0	7.3	9.1	6.4	9.3	10.6	10.3	14.8	21.7





TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Pneumonitis due to solids and liquids (J69)										
All races,both sexes	0.5	0.7	0.9	2.0	3.1	6.2	13.4	28.2	61.5	174.7
Male	0.6	0.9	1.0	2.4	4.3	8.5	18.5	41.0	89.5	248.6
Female	0.4	0.5	0.9	1.6	2.0	4.2	9.3	19.1	44.6	143.5
White,both sexes	0.4	0.6	0.9	1.8	3.0	5.8	12.6	27.6	61.0	177.7
Male	0.5	0.8	0.9	2.2	4.0	7.8	17.3	39.8	88.4	255.4
Female	0.4	0.4	0.8	1.5	2.0	4.1	8.9	18.9	44.3	145.1
All other,both sexes	0.8	1.0	1.4	3.1	4.0	8.2	19.0	33.3	66.5	146.8
Male	*	*	1.8	4.1	6.4	12.8	28.7	51.5	100.1	188.3
Female	*	*	*	2.2	*	4.7	12.1	21.2	47.0	127.8
Black,both sexes	1.0	1.3	1.8	4.0	5.1	9.7	23.5	40.7	74.2	167.4
Male	*	*	*	5.3	8.4	15.0	35.8	63.0	108.8	211.9
Female	*	*	*	2.9	*	5.8	14.9	26.5	55.7	148.9
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)										
All races,both sexes	1.6	2.7	4.2	7.0	12.9	22.7	37.2	59.6	88.8	146.8
Male	1.7	2.8	4.6	7.6	15.0	27.6	46.8	73.8	114.3	175.4
Female	1.4	2.6	3.9	6.5	11.0	18.5	29.7	49.5	73.4	134.8
White,both sexes	1.3	2.3	3.9	6.5	12.8	22.9	37.5	60.7	90.6	150.4
Male	1.5	2.4	4.3	6.8	15.0	28.2	47.5	75.5	117.0	179.9
Female	1.1	2.2	3.5	6.3	10.8	18.3	29.5	50.1	74.5	138.0
All other,both sexes	2.8	4.8	6.1	10.1	13.4	21.4	35.3	49.5	70.8	113.5
Male	2.9	5.2	6.6	12.6	15.4	24.1	40.7	57.9	85.7	135.3
Female	2.8	4.4	5.6	8.0	11.9	19.3	31.4	44.0	62.2	103.5
Black,both sexes	3.5	5.9	7.5	11.9	15.6	24.2	37.8	53.1	69.1	111.8
Male	3.3	6.8	8.3	14.4	18.6	27.2	42.3	64.4	82.9	134.7
Female	3.6	5.2	6.8	10.1	13.4	21.9	34.6	45.9	61.7	102.3



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Hernia (K40-K46)										
All races, both sexes	0.1	*	0.2	0.3	0.7	0.8	1.6	2.5	5.5	12.7
Male	*	*	0.3	0.3	0.8	0.8	1.5	2.5	6.4	12.7
Female	*	*	*	*	0.6	0.8	1.6	2.6	4.9	12.7
White, both sexes	*	*	0.2	0.3	0.7	0.7	1.6	2.5	5.6	13.0
Male	*	*	*	0.4	0.8	0.8	1.7	2.5	6.6	12.5
Female	*	*	*	*	0.6	0.7	1.5	2.5	5.0	13.2
All other, both sexes	*	*	*	*	*	*	*	3.1	4.6	9.5
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	7.3
Black, both sexes	*	*	*	*	*	*	*	3.6	*	9.9
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Chronic liver disease and cirrhosis (K70,K73-K74)										
All races, both sexes	9.9	16.7	19.1	21.8	27.0	30.0	32.0	32.7	31.2	23.1
Male	14.5	25.7	29.8	33.2	38.1	42.4	41.9	39.5	38.4	31.8
Female	5.4	7.9	9.0	11.2	17.0	19.5	24.3	27.8	26.9	19.4
White, both sexes	9.6	16.0	18.8	21.1	26.7	30.6	33.0	33.7	32.4	23.7
Male	14.1	24.9	29.2	32.1	38.0	43.0	43.0	40.5	40.1	33.1
Female	5.1	7.3	8.6	10.8	16.4	19.9	25.1	28.8	27.8	19.8
All other, both sexes	11.2	20.1	21.1	25.9	28.3	25.7	24.5	23.6	19.5	17.2
Male	16.2	30.6	33.3	40.6	38.5	37.8	32.7	30.3	21.3	20.6
Female	6.7	11.1	10.8	14.0	20.3	16.7	18.6	19.2	18.5	15.6
Black, both sexes	11.9	23.0	24.0	28.7	31.2	26.8	25.2	23.3	19.6	17.3
Male	17.1	35.7	39.2	46.1	44.4	41.7	35.8	30.8	25.0	*
Female	7.3	12.4	11.7	15.2	21.3	15.7	17.7	18.5	16.7	16.3

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Alcoholic liver disease (K70)										
All races,both sexes	6.4	10.2	11.2	11.7	12.8	11.7	9.5	7.3	5.3	2.8
Male	9.3	15.8	17.8	19.1	20.4	20.0	16.3	11.9	9.6	5.9
Female	3.5	4.7	4.9	5.0	6.0	4.6	4.1	4.0	2.7	1.5
White,both sexes	6.2	9.9	11.0	11.4	12.6	11.7	9.5	7.2	5.3	2.7
Male	9.1	15.6	17.6	18.5	20.4	19.8	16.4	11.8	9.7	5.7
Female	3.3	4.3	4.6	4.7	5.5	4.7	4.1	3.9	2.6	1.5
All other,both sexes	7.4	11.4	12.1	13.9	14.0	11.6	9.1	7.8	5.3	*
Male	10.5	17.1	19.1	23.1	20.7	21.1	15.9	13.1	*	*
Female	4.6	6.5	6.2	6.4	8.8	4.5	4.3	*	*	*
Black,both sexes	7.2	13.0	13.4	15.0	15.8	12.5	10.4	8.1	*	*
Male	10.1	19.9	21.6	26.1	24.4	23.2	17.9	13.8	*	*
Female	4.7	7.2	6.8	6.5	9.4	4.5	5.0	*	*	*
Other chronic liver disease and cirrhosis (K73-K74)										
All races,both sexes	3.5	6.5	7.9	10.0	14.1	18.3	22.6	25.4	25.9	20.3
Male	5.2	9.9	12.0	14.1	17.7	22.4	25.6	27.6	28.8	26.0
Female	1.8	3.2	4.1	6.3	11.0	14.9	20.2	23.9	24.2	17.9
White,both sexes	3.4	6.1	7.7	9.7	14.1	18.9	23.5	26.5	27.1	21.0
Male	5.0	9.3	11.6	13.6	17.6	23.2	26.6	28.7	30.3	27.5
Female	1.8	3.0	4.0	6.1	10.9	15.3	21.0	24.9	25.1	18.4
All other,both sexes	3.8	8.6	9.0	12.0	14.3	14.1	15.4	15.8	14.2	13.2
Male	5.7	13.4	14.2	17.4	17.7	16.7	16.9	17.2	13.1	*
Female	2.1	4.5	4.7	7.5	11.6	12.2	14.3	15.0	14.8	13.4
Black,both sexes	4.7	10.0	10.6	13.7	15.3	14.3	14.8	15.2	13.9	12.8
Male	7.1	15.8	17.5	20.0	20.0	18.5	17.9	17.0	*	*
Female	2.6	5.1	4.9	8.7	11.9	11.2	12.6	14.1	13.0	13.6

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Cholelithiasis and other disorders of gallbladder (K80-K82)										
All races, both sexes	0.2	0.3	0.4	0.7	1.0	1.8	3.5	5.7	11.0	23.8
Male	*	0.3	0.4	0.9	1.3	2.1	4.2	6.8	13.2	26.6
Female	*	0.3	0.5	0.6	0.8	1.6	2.9	4.9	9.7	22.6
White, both sexes	0.1	0.3	0.4	0.6	0.9	1.6	3.4	5.7	11.1	24.3
Male	*	0.3	0.3	0.7	1.2	1.9	4.2	6.9	13.7	27.2
Female	*	0.3	0.4	0.6	0.6	1.4	2.8	4.9	9.5	23.1
All other, both sexes	*	*	*	1.3	1.9	2.9	4.0	5.2	10.3	18.4
Male	*	*	*	*	*	*	*	*	*	21.4
Female	*	*	*	*	*	2.8	3.8	4.9	11.9	17.1
Black, both sexes	*	*	*	*	2.0	3.1	4.0	4.7	11.8	15.3
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	13.0	15.8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)										
All races, both sexes	2.0	3.1	5.3	9.1	16.1	28.5	47.3	77.9	129.1	267.5
Male	2.3	3.8	6.0	10.1	18.2	31.5	55.4	97.7	167.8	357.0
Female	1.7	2.5	4.6	8.2	14.2	26.0	40.9	63.7	105.7	229.7
White, both sexes	1.3	2.0	3.6	6.7	12.4	23.3	40.9	71.1	119.9	255.2
Male	1.5	2.4	4.1	7.9	14.3	26.5	49.5	90.3	158.8	349.6
Female	1.1	1.6	3.1	5.6	10.7	20.6	34.1	57.2	96.4	215.7
All other, both sexes	5.3	9.1	15.3	24.1	38.6	62.5	96.7	138.0	221.3	383.3
Male	6.4	11.9	18.2	25.1	44.8	66.9	104.0	166.2	261.6	422.6
Female	4.4	6.8	12.8	23.2	33.9	59.1	91.5	119.3	197.9	365.2
Black, both sexes	7.0	12.1	20.5	29.6	47.8	75.3	116.4	164.4	257.1	434.2
Male	8.2	16.0	25.1	30.5	57.1	78.7	125.2	201.4	323.9	487.9
Female	5.9	8.7	16.9	29.0	41.0	72.7	110.1	140.8	221.3	411.8















TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)										
All races, both sexes	5.0	6.0	6.0	7.1	9.1	12.1	17.8	26.5	51.2	186.8
Male	6.7	8.4	8.1	9.3	12.1	15.3	22.0	31.0	54.1	160.0
Female	3.4	3.8	3.9	4.9	6.3	9.3	14.5	23.3	49.5	198.1
White, both sexes	4.4	5.2	5.1	6.3	8.3	11.2	17.2	25.5	50.1	189.9
Male	5.9	7.1	6.9	8.1	11.1	14.2	21.2	29.9	52.3	162.1
Female	2.9	3.4	3.4	4.5	5.7	8.7	14.0	22.4	48.7	201.5
All other, both sexes	8.2	10.1	10.8	11.9	13.7	17.6	22.3	35.6	63.1	157.8
Male	11.0	15.4	15.8	17.5	19.0	23.5	28.2	42.1	72.6	140.9
Female	5.7	5.6	6.7	7.3	9.5	13.1	18.1	31.3	57.5	165.5
Black, both sexes	10.3	13.4	14.0	15.2	17.2	21.6	27.0	42.9	75.8	182.7
Male	13.7	20.4	20.5	23.4	25.1	29.0	34.2	52.4	87.2	170.6
Female	7.3	7.4	8.7	8.8	11.4	16.1	22.0	36.7	69.6	187.8

All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)

All races, both sexes	21.5	30.4	39.6	51.9	73.4	108.7	169.8	281.8	517.7	1,403.5
Male	26.5	36.9	47.0	60.8	82.7	118.8	185.9	293.6	524.7	1,179.0
Female	16.6	24.0	32.5	43.5	65.0	100.1	157.2	273.4	513.5	1,498.4
White, both sexes	18.9	26.6	35.6	48.1	69.6	104.5	165.7	277.7	518.2	1,431.3
Male	24.1	33.0	42.7	56.3	78.1	113.8	181.1	286.9	522.8	1,193.4
Female	13.7	20.4	28.8	40.3	61.8	96.5	153.4	271.0	515.5	1,530.9
All other, both sexes	33.9	49.6	62.4	75.1	96.9	136.0	201.5	318.7	512.9	1,143.3
Male	38.8	59.0	74.3	91.2	113.7	154.6	225.1	356.3	544.5	1,052.5
Female	29.6	41.5	52.6	62.2	83.8	122.1	184.7	293.7	494.6	1,185.0
Black, both sexes	42.6	63.2	79.0	93.7	119.1	161.8	238.4	371.1	581.3	1,288.8
Male	47.7	75.7	95.9	116.1	141.2	182.5	262.8	420.2	629.7	1,197.5
Female	38.1	52.6	65.3	76.3	102.6	146.3	221.2	339.8	555.3	1,326.9

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Accidents (unintentional injuries) (V01-X59,Y85-Y86)										
All races,both sexes	35.3	34.6	30.1	30.6	31.8	39.1	51.5	78.8	135.1	280.9
Male	52.9	52.6	45.1	44.5	45.5	53.9	68.8	101.3	180.6	361.2
Female	18.1	17.2	15.8	17.8	19.5	26.5	37.9	62.6	107.7	247.0
White,both sexes	35.0	33.1	28.5	29.3	30.0	38.2	50.2	78.1	136.7	289.9
Male	52.1	49.7	42.2	41.8	42.8	52.0	66.5	99.3	182.4	371.7
Female	17.8	16.8	15.2	17.5	18.2	26.3	37.1	62.8	108.9	255.6
All other,both sexes	37.0	42.1	39.3	38.7	43.0	44.7	61.8	84.4	119.9	196.9
Male	57.0	68.4	63.1	62.8	64.4	66.9	87.6	119.8	161.5	269.1
Female	19.3	19.6	19.5	19.2	26.4	28.0	43.5	61.0	95.9	163.7
Black,both sexes	43.8	51.5	46.5	44.1	47.1	49.1	66.2	90.7	129.8	208.0
Male	69.1	85.5	78.4	74.8	73.9	75.0	97.6	131.0	175.3	293.4
Female	21.4	22.7	20.6	20.3	27.1	29.7	44.1	65.0	105.3	172.4
Transport accidents (V01-V99,Y85)										
All races,both sexes	16.5	16.1	15.3	16.6	16.0	18.3	21.1	25.9	32.5	31.9
Male	23.9	23.5	22.3	23.5	22.3	25.2	27.7	35.6	48.0	61.1
Female	9.3	9.0	8.8	10.1	10.3	12.4	15.9	19.0	23.2	19.5
White,both sexes	16.6	15.8	15.0	16.3	15.6	18.3	21.1	26.1	32.8	32.3
Male	23.8	22.8	21.6	22.9	21.5	25.0	27.4	35.4	48.1	61.8
Female	9.4	8.9	8.5	10.0	10.2	12.5	16.0	19.3	23.5	19.9
All other,both sexes	16.3	17.7	17.6	18.3	18.5	18.3	21.5	25.0	29.3	27.9
Male	24.4	27.3	26.4	27.9	27.6	26.1	30.1	37.7	46.3	55.4
Female	9.2	9.5	10.2	10.6	11.3	12.4	15.4	16.5	19.5	15.2
Black,both sexes	18.1	20.0	19.1	19.1	18.0	17.4	20.9	24.7	29.6	27.8
Male	28.4	32.3	31.1	30.7	29.7	26.2	30.2	39.1	48.4	63.0
Female	9.0	9.7	9.3	10.1	9.3	10.8	14.2	15.6	19.5	13.1



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)										
All races,both sexes	0.9	1.0	1.1	1.1	1.1	0.9	0.9	0.5	0.6	*
Male	1.5	1.7	1.8	2.1	2.0	1.6	1.7	0.9	*	*
Female	0.4	0.3	0.3	*	*	*	*	*	*	*
White,both sexes	1.0	1.1	1.1	1.1	1.1	0.9	0.9	0.5	0.5	*
Male	1.5	1.8	1.9	2.0	1.9	1.7	1.7	0.9	*	*
Female	0.4	0.3	0.3	*	*	*	*	*	*	*
All other,both sexes	0.5	0.7	1.0	1.1	*	*	*	*	*	*
Male	1.1	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Nontransport accidents (W00-X59,Y86)										
All races,both sexes	18.8	18.5	14.7	14.1	15.8	20.8	30.4	52.8	102.6	249.1
Male	29.0	29.1	22.8	21.0	23.2	28.7	41.0	65.7	132.6	300.1
Female	8.7	8.2	7.0	7.7	9.1	14.1	22.0	43.6	84.5	227.5
White,both sexes	18.4	17.3	13.5	13.1	14.4	19.9	29.1	52.0	103.8	257.6
Male	28.3	26.9	20.6	18.9	21.3	27.0	39.1	63.9	134.3	309.9
Female	8.4	7.9	6.6	7.5	8.1	13.8	21.1	43.5	85.3	235.7
All other,both sexes	20.7	24.4	21.7	20.4	24.6	26.4	40.4	59.5	90.6	169.0
Male	32.6	41.1	36.7	35.0	36.7	40.8	57.6	82.1	115.2	213.7
Female	10.1	10.1	9.2	8.6	15.1	15.6	28.2	44.4	76.3	148.5
Black,both sexes	25.7	31.4	27.4	25.1	29.1	31.7	45.3	66.0	100.2	180.2
Male	40.7	53.2	47.2	44.1	44.2	48.7	67.3	91.9	127.0	230.4
Female	12.4	13.0	11.3	10.2	17.8	18.9	29.8	49.4	85.8	159.3





TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Accidental drowning and submersion (W65-W74)										
All races, both sexes	1.0	1.0	1.0	0.9	0.9	0.9	1.2	1.2	1.5	1.6
Male	1.7	1.7	1.8	1.5	1.5	1.5	1.7	2.1	2.6	2.3
Female	0.3	0.3	0.3	0.4	0.4	0.4	0.7	0.6	0.7	1.4
White, both sexes	1.0	1.1	1.0	0.9	0.9	0.9	1.1	1.1	1.5	1.6
Male	1.7	1.8	1.8	1.4	1.5	1.4	1.5	1.9	2.7	2.3
Female	0.4	0.4	0.3	0.4	*	*	0.7	0.5	0.7	1.3
All other, both sexes	1.0	0.7	1.2	1.3	*	*	*	*	*	*
Male	1.8	1.6	2.1	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black, both sexes	1.0	*	1.2	*	*	*	*	*	*	*
Male	1.9	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Accidental exposure to smoke, fire and flames (X00-X09)										
All races, both sexes	1.0	1.0	1.0	1.2	1.5	2.0	2.5	3.5	4.8	5.9
Male	1.5	1.5	1.4	1.6	1.9	2.6	3.4	4.2	6.6	8.9
Female	0.5	0.5	0.7	0.9	1.2	1.6	1.8	3.0	3.7	4.6
White, both sexes	0.9	0.9	0.9	1.1	1.2	1.7	2.0	2.8	3.9	4.7
Male	1.4	1.3	1.2	1.4	1.7	2.0	2.7	3.2	5.7	7.7
Female	0.5	0.5	0.6	0.9	0.8	1.3	1.5	2.6	2.9	3.4
All other, both sexes	1.4	1.7	1.8	1.9	3.4	4.5	6.6	9.5	12.8	17.2
Male	2.0	2.6	2.6	3.0	3.3	6.3	9.9	13.1	15.0	19.8
Female	*	*	*	*	3.5	3.2	4.3	7.1	11.6	16.0
Black, both sexes	1.7	2.1	2.4	2.6	4.4	5.6	8.2	12.0	16.0	21.7
Male	2.5	3.1	3.6	4.3	4.4	7.5	12.7	16.5	19.9	27.2
Female	*	*	*	*	4.3	4.1	5.0	9.1	13.9	19.5

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Accidental poisoning and exposure to noxious substances (X40-X49)										
All races, both sexes	11.1	10.0	5.6	3.5	2.1	1.7	1.6	1.9	2.6	3.4
Male	16.5	15.3	8.1	4.8	3.0	2.3	1.9	2.1	2.9	4.3
Female	5.7	4.8	3.2	2.3	1.2	1.2	1.4	1.8	2.5	3.1
White, both sexes	10.7	9.2	4.9	3.2	1.7	1.6	1.5	1.9	2.7	3.3
Male	16.1	14.0	6.8	4.1	2.3	2.0	1.8	2.1	3.0	4.4
Female	5.3	4.5	3.0	2.3	1.2	1.1	1.2	1.8	2.5	2.8
All other, both sexes	12.8	13.7	9.7	5.3	4.3	2.5	2.9	*	*	5.0
Male	18.8	22.8	16.6	9.6	7.9	3.9	*	*	*	*
Female	7.4	6.0	4.0	*	*	*	*	*	*	*
Black, both sexes	16.2	18.4	12.8	6.6	5.6	2.8	3.2	*	*	*
Male	24.2	30.7	22.4	12.4	10.4	*	*	*	*	*
Female	9.1	7.9	5.0	*	*	*	*	*	*	*

Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)

All races, both sexes	3.7	3.9	4.5	5.1	6.4	9.0	13.5	23.7	47.5	128.3
Male	6.1	6.1	7.4	7.9	9.3	12.1	18.2	29.4	58.9	146.9
Female	1.4	1.7	1.8	2.6	3.8	6.4	9.8	19.5	40.7	120.4
White, both sexes	3.7	3.6	4.3	4.7	5.9	8.7	12.8	22.9	47.3	132.1
Male	5.9	5.6	7.0	7.2	8.6	11.5	17.1	28.3	58.7	150.4
Female	1.5	1.6	1.7	2.4	3.4	6.3	9.4	19.0	40.5	124.5
All other, both sexes	3.8	5.4	5.6	7.6	9.4	11.3	18.3	30.6	49.5	92.1
Male	6.6	9.1	9.7	12.6	13.7	16.9	26.5	40.0	61.3	116.3
Female	1.2	2.2	2.2	3.5	6.1	7.1	12.5	24.3	42.7	81.0
Black, both sexes	4.7	6.7	6.9	9.5	11.1	13.5	22.7	36.4	56.1	105.8
Male	8.1	11.5	11.7	16.1	16.9	20.0	33.5	48.7	69.1	142.4
Female	1.6	2.7	2.9	4.3	6.8	8.6	15.1	28.5	49.2	90.5



TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Intentional self-harm (suicide) by other and unspecified means and their sequelae (X60-X71,X75-X84,Y87.0)										
All races,both sexes	7.6	7.0	6.4	4.8	4.0	3.8	3.6	4.6	5.8	6.6
Male	10.8	9.8	8.4	6.5	5.2	5.3	5.3	6.5	9.4	14.9
Female	4.5	4.3	4.5	3.3	2.8	2.5	2.3	3.2	3.5	3.1
White,both sexes	8.4	7.6	6.9	5.1	4.1	3.9	3.8	4.7	6.0	7.1
Male	11.9	10.5	8.9	6.9	5.3	5.4	5.5	6.6	10.0	16.1
Female	4.9	4.8	5.0	3.5	3.0	2.6	2.5	3.3	3.6	3.3
All other,both sexes	4.0	3.7	3.4	2.8	2.8	3.3	2.3	3.4	*	*
Male	5.4	5.7	5.5	4.1	4.4	4.8	*	*	*	*
Female	2.8	1.9	1.7	*	*	*	*	*	*	*
Black,both sexes	4.1	3.1	2.4	1.7	*	2.4	*	*	*	*
Male	5.7	5.1	4.1	*	*	*	*	*	*	*
Female	2.7	*	*	*	*	*	*	*	*	*

Assault (homicide) (X85-Y09,Y87.1)

All races,both sexes	6.5	5.2	4.1	3.3	2.9	2.7	2.4	2.5	2.5	2.4
Male	9.5	7.9	6.0	5.2	4.4	4.2	3.1	3.3	3.4	3.3
Female	3.6	2.6	2.2	1.4	1.5	1.5	1.9	2.0	1.9	2.0
White,both sexes	4.4	3.6	3.1	2.6	2.3	2.4	2.1	2.0	2.1	2.1
Male	6.3	5.3	4.5	3.9	3.4	3.4	2.5	2.5	2.8	2.6
Female	2.6	1.9	1.7	1.4	1.3	1.4	1.7	1.6	1.7	1.9
All other,both sexes	16.6	13.0	10.0	7.4	6.4	5.2	5.4	7.0	6.2	5.0
Male	26.0	21.8	16.0	14.1	11.3	9.8	8.4	10.4	*	*
Female	8.2	5.5	5.0	2.0	2.6	*	*	4.7	*	*
Black,both sexes	21.2	16.6	11.7	9.0	7.5	6.4	5.9	8.2	6.3	*
Male	34.1	28.2	19.8	17.7	13.3	12.5	9.8	13.3	*	*
Female	9.9	6.8	5.2	*	*	*	*	*	*	*

TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Assault (homicide) by discharge of firearms (X93-X95)										
All races,both sexes	3.7	2.8	2.1	1.6	1.6	1.1	1.0	0.8	0.7	0.6
Male	5.5	4.5	3.1	2.7	2.6	1.6	1.5	1.1	*	*
Female	1.8	1.3	1.1	0.6	0.7	0.7	0.7	0.6	0.7	*
White,both sexes	2.5	1.9	1.5	1.3	1.2	1.0	0.9	0.7	0.7	0.6
Male	3.6	2.9	2.3	2.0	1.8	1.3	1.2	0.7	*	*
Female	1.4	1.0	0.7	0.6	0.7	0.7	0.7	0.6	*	*
All other,both sexes	9.4	7.6	5.4	3.7	3.7	1.8	2.2	*	*	*
Male	15.5	13.5	8.1	7.6	7.4	*	*	*	*	*
Female	3.9	2.5	3.1	*	*	*	*	*	*	*
Black,both sexes	12.2	9.9	6.2	4.6	4.3	2.1	*	*	*	*
Male	20.6	17.8	10.2	9.7	8.7	*	*	*	*	*
Female	4.9	3.2	2.9	*	*	*	*	*	*	*

Assault (homicide) by other and unspecified means and their sequelae (X85-X92,X96-Y09,Y87.1)

All races,both sexes	2.9	2.3	2.0	1.7	1.3	1.7	1.4	1.7	1.8	1.8
Male	4.0	3.4	2.9	2.5	1.8	2.7	1.7	2.2	2.6	2.5
Female	1.8	1.3	1.1	0.9	0.8	0.8	1.2	1.3	1.3	1.5
White,both sexes	2.0	1.7	1.5	1.3	1.1	1.4	1.2	1.4	1.4	1.5
Male	2.7	2.5	2.1	1.9	1.5	2.1	1.3	1.8	2.2	1.8
Female	1.2	0.9	1.0	0.8	0.6	0.8	1.0	1.0	1.0	1.4
All other,both sexes	7.2	5.5	4.7	3.7	2.7	3.4	3.2	4.6	5.0	*
Male	10.6	8.3	8.0	6.5	3.9	6.5	*	*	*	*
Female	4.3	3.1	1.9	*	*	*	*	*	*	*
Black,both sexes	9.0	6.7	5.6	4.4	3.2	4.3	3.4	5.2	*	*
Male	13.6	10.3	9.6	8.0	4.7	8.2	*	*	*	*
Female	5.0	3.5	2.3	*	*	*	*	*	*	*





TABLE 210. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999  
(RATES PER 100,000 POPULATION IN SPECIFIED GROUP)

CAUSE OF DEATH (BASED ON  
THE TENTH REVISION INTER-  
NATIONAL CLASSIFICATION  
OF DISEASES, 1992),  
RACE, AND SEX

	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Operations of war and their sequelae (Y36,Y89.1)										
All races,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
White,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
All other,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*
Black,both sexes	*	*	*	*	*	*	*	*	*	*
Male	*	*	*	*	*	*	*	*	*	*
Female	*	*	*	*	*	*	*	*	*	*

Complications of medical and surgical care (Y40-Y84,Y88)

All races,both sexes	0.4	0.5	0.7	1.1	1.7	2.4	4.1	5.5	8.5	12.7
Male	0.4	0.4	0.8	1.2	1.8	2.4	4.6	6.3	10.0	15.9
Female	0.4	0.5	0.7	0.9	1.6	2.5	3.7	4.9	7.6	11.3
White,both sexes	0.3	0.4	0.6	0.9	1.6	2.4	3.8	5.2	8.1	12.1
Male	0.3	0.3	0.7	1.0	1.6	2.3	4.3	6.1	9.6	15.1
Female	0.3	0.5	0.6	0.8	1.5	2.4	3.5	4.5	7.2	10.8
All other,both sexes	0.6	0.7	1.3	2.2	2.4	2.9	5.8	7.8	12.4	18.4
Male	*	*	*	2.7	*	*	7.0	8.1	14.4	22.9
Female	*	*	*	*	*	2.9	4.9	7.6	11.2	16.3
Black,both sexes	0.8	0.9	1.8	2.6	2.7	3.4	7.3	9.5	13.0	20.1
Male	*	*	*	*	*	*	8.8	10.1	*	21.7
Female	*	*	*	*	*	*	6.2	9.1	11.6	19.5

\* FIGURE DOES NOT MEET STANDARDS OF RELIABILITY OR PRECISION.

0.0 QUANTITY MORE THAN ZERO BUT LESS THAN 0.05.

... CATEGORY NOT APPLICABLE.

1/ FIGURES FOR AGE NOT STATED INCLUDED IN "ALL AGES" BUT NOT DISTRIBUTED AMONG AGE GROUPS.

2/ DEATH RATES FOR "UNDER 1 YEAR" (BASED ON POPULATION ESTIMATES) DIFFER FROM INFANT MORTALITY RATES (BASED ON LIVE BIRTHS).

SOURCE: CDC/NCHS, NATIONAL VITAL STATISTICS SYSTEM, MORTALITY