

Table 19 (page 1 of 2). Infant, neonatal, and postneonatal mortality rates, according to detailed race and Hispanic origin of mother: United States, selected years 1983–2001

[Data are based on linked birth and death certificates for infants]

<i>Race and Hispanic origin of mother</i>	1983 ¹	1985 ¹	1990 ¹	1995 ²	1998 ²	1999 ²	2000 ²	2001 ²
Infant ³ deaths per 1,000 live births								
All mothers	10.9	10.4	8.9	7.6	7.2	7.0	6.9	6.8
White	9.3	8.9	7.3	6.3	6.0	5.8	5.7	5.7
Black or African American	19.2	18.6	16.9	14.6	13.8	14.0	13.5	13.3
American Indian or Alaska Native	15.2	13.1	13.1	9.0	9.3	9.3	8.3	9.7
Asian or Pacific Islander	8.3	7.8	6.6	5.3	5.5	4.8	4.9	4.7
Chinese	9.5	5.8	4.3	3.8	4.0	2.9	3.5	3.2
Japanese	*5.6	*6.0	*5.5	*5.3	*3.4	*3.5	*4.5	*4.0
Filipino	8.4	7.7	6.0	5.6	6.2	5.8	5.7	5.5
Hawaiian	11.2	*9.9	*8.0	*6.5	9.9	*7.0	9.0	*7.3
Other Asian or Pacific Islander	8.1	8.5	7.4	5.5	5.7	5.1	4.8	4.8
Hispanic or Latino ^{4,5}	9.5	8.8	7.5	6.3	5.8	5.7	5.6	5.4
Mexican	9.1	8.5	7.2	6.0	5.6	5.5	5.4	5.2
Puerto Rican	12.9	11.2	9.9	8.9	7.8	8.3	8.2	8.5
Cuban	7.5	8.5	7.2	5.3	*3.7	4.6	4.6	4.2
Central and South American	8.5	8.0	6.8	5.5	5.3	4.7	4.6	5.0
Other and unknown Hispanic or Latino	10.6	9.5	8.0	7.4	6.5	7.2	6.9	6.0
Not Hispanic or Latino:								
White ⁵	9.2	8.6	7.2	6.3	6.0	5.8	5.7	5.7
Black or African American ⁵	19.1	18.3	16.9	14.7	13.9	14.1	13.6	13.5
Neonatal ³ deaths per 1,000 live births								
All mothers	7.1	6.8	5.7	4.9	4.8	4.7	4.6	4.5
White	6.1	5.8	4.6	4.1	4.0	3.9	3.8	3.8
Black or African American	12.5	12.3	11.1	9.6	9.4	9.5	9.1	8.9
American Indian or Alaska Native	7.5	6.1	6.1	4.0	5.0	5.0	4.4	4.2
Asian or Pacific Islander	5.2	4.8	3.9	3.4	3.9	3.2	3.4	3.1
Chinese	5.5	3.3	2.3	2.3	2.7	1.8	2.5	1.9
Japanese	*3.7	*3.1	*3.5	*3.3	*2.5	*2.8	*2.6	*2.5
Filipino	5.6	5.1	3.5	3.4	4.6	3.9	4.1	4.0
Hawaiian	*7.0	*5.7	*4.3	*4.0	*7.2	*4.9	*6.2	*3.6
Other Asian or Pacific Islander	5.0	5.4	4.4	3.7	3.9	3.3	3.4	3.2
Hispanic or Latino ^{4,5}	6.2	5.7	4.8	4.1	3.9	3.9	3.8	3.6
Mexican	5.9	5.4	4.5	3.9	3.7	3.7	3.6	3.5
Puerto Rican	8.7	7.6	6.9	6.1	5.2	5.9	5.8	6.0
Cuban	*5.0	6.2	5.3	*3.6	*2.7	*3.5	*3.2	*2.5
Central and South American	5.8	5.6	4.4	3.7	3.6	3.3	3.3	3.4
Other and unknown Hispanic or Latino	6.4	5.6	5.0	4.8	4.5	4.8	4.6	3.9
Not Hispanic or Latino:								
White ⁵	5.9	5.6	4.5	4.0	3.9	3.8	3.8	3.8
Black or African American ⁵	12.0	11.9	11.0	9.6	9.4	9.6	9.2	9.0
Postneonatal ³ deaths per 1,000 live births								
All mothers	3.8	3.6	3.2	2.6	2.4	2.3	2.3	2.3
White	3.2	3.1	2.7	2.2	2.0	1.9	1.9	1.9
Black or African American	6.7	6.3	5.9	5.0	4.4	4.5	4.3	4.4
American Indian or Alaska Native	7.7	7.0	7.0	5.1	4.4	4.3	3.9	5.4
Asian or Pacific Islander	3.1	2.9	2.7	1.9	1.7	1.7	1.4	1.6
Chinese	4.0	*2.5	*2.0	*1.5	*1.3	*1.2	*1.0	*1.3
Japanese	*	*2.9	*	*	*	*	*	*
Filipino	*2.8	2.7	2.5	2.2	1.6	1.9	1.6	*1.5
Hawaiian	*4.2	*4.3	*3.8	*	*	*	*	*3.7
Other Asian or Pacific Islander	3.0	3.0	3.0	1.9	1.8	1.8	1.4	1.6
Hispanic or Latino ^{4,5}	3.3	3.2	2.7	2.1	1.9	1.8	1.8	1.8
Mexican	3.2	3.2	2.7	2.1	1.9	1.8	1.8	1.7
Puerto Rican	4.2	3.5	3.0	2.8	2.6	2.4	2.4	2.5
Cuban	*2.5	*2.3	*1.9	*1.7	*	*	*	*1.7
Central and South American	2.6	2.4	2.4	1.9	1.7	1.4	1.4	1.6
Other and unknown Hispanic or Latino	4.2	3.9	3.0	2.6	2.0	2.5	2.3	2.1
Not Hispanic or Latino:								
White ⁵	3.2	3.0	2.7	2.2	2.0	1.9	1.9	1.9
Black or African American ⁵	7.0	6.4	5.9	5.0	4.5	4.6	4.4	4.5

See footnotes at end of table.

Table 19 (page 2 of 2). Infant, neonatal, and postneonatal mortality rates, according to detailed race and Hispanic origin of mother: United States, selected years 1983–2001

[Data are based on linked birth and death certificates for infants]

<i>Race and Hispanic origin of mother</i>	1983–85 ^{1,6}	1986–88 ^{1,6}	1989–91 ^{1,6}	1996–98 ^{2,6}	1999–2001 ^{2,6}
Infant ³ deaths per 1,000 live births					
All mothers	10.6	9.8	9.0	7.2	6.9
White	9.0	8.2	7.4	6.0	5.7
Black or African American	18.7	17.9	17.1	13.9	13.6
American Indian or Alaska Native	13.9	13.2	12.6	9.3	9.1
Asian or Pacific Islander	8.3	7.3	6.6	5.2	4.8
Chinese	7.4	5.8	5.1	3.4	3.2
Japanese	6.0	6.9	5.3	4.3	4.0
Filipino	8.2	6.9	6.4	5.9	5.7
Hawaiian	11.3	11.1	9.0	8.2	7.8
Other Asian or Pacific Islander	8.6	7.6	7.0	5.5	4.9
Hispanic or Latino ^{4,5}	9.2	8.3	7.5	5.9	5.6
Mexican	8.8	7.9	7.2	5.8	5.4
Puerto Rican	12.3	11.1	10.4	8.1	8.4
Cuban	8.0	7.3	6.2	4.7	4.5
Central and South American	8.2	7.5	6.6	5.2	4.8
Other and unknown Hispanic or Latino	9.8	9.0	8.2	6.8	6.7
Not Hispanic or Latino:					
White ⁵	8.8	8.1	7.3	6.0	5.7
Black or African American ⁵	18.5	17.9	17.2	13.9	13.7
Neonatal ³ deaths per 1,000 live births					
All mothers	6.9	6.3	5.7	4.8	4.6
White	5.9	5.2	4.7	4.0	3.8
Black or African American	12.2	11.7	11.1	9.3	9.2
American Indian or Alaska Native	6.7	5.9	5.9	4.7	4.5
Asian or Pacific Islander	5.2	4.5	3.9	3.5	3.2
Chinese	4.3	3.3	2.7	2.3	2.1
Japanese	3.4	4.4	3.0	2.6	2.6
Filipino	5.3	4.5	4.0	4.1	4.0
Hawaiian	7.4	7.1	4.8	5.6	4.9
Other Asian or Pacific Islander	5.5	4.7	4.2	3.6	3.3
Hispanic or Latino ^{4,5}	6.0	5.3	4.8	3.9	3.8
Mexican	5.7	5.0	4.5	3.8	3.6
Puerto Rican	8.3	7.2	7.0	5.4	5.9
Cuban	5.9	5.3	4.6	3.5	3.1
Central and South American	5.7	4.9	4.4	3.6	3.3
Other and unknown Hispanic or Latino	6.1	5.8	5.2	4.5	4.4
Not Hispanic or Latino:					
White ⁵	5.7	5.1	4.6	3.9	3.8
Black or African American ⁵	11.8	11.4	11.1	9.3	9.2
Postneonatal ³ deaths per 1,000 live births					
All mothers	3.7	3.5	3.3	2.5	2.3
White	3.1	3.0	2.7	2.1	1.9
Black or African American	6.4	6.2	6.0	4.6	4.4
American Indian or Alaska Native	7.2	7.3	6.7	4.6	4.5
Asian or Pacific Islander	3.1	2.8	2.6	1.8	1.6
Chinese	3.1	2.5	2.4	1.2	1.1
Japanese	2.6	2.5	2.2	*1.7	*1.4
Filipino	2.9	2.4	2.3	1.9	1.7
Hawaiian	3.9	4.0	4.1	*2.6	2.9
Other Asian or Pacific Islander	3.1	2.9	2.8	1.8	1.6
Hispanic or Latino ^{4,5}	3.2	3.0	2.7	2.0	1.8
Mexican	3.2	2.9	2.7	2.0	1.8
Puerto Rican	4.0	3.9	3.4	2.7	2.5
Cuban	2.2	2.0	1.6	*1.3	1.4
Central and South American	2.5	2.6	2.2	1.6	1.5
Other and unknown Hispanic or Latino	3.7	3.2	3.0	2.3	2.3
Not Hispanic or Latino:					
White ⁵	3.1	3.0	2.7	2.1	1.9
Black or African American ⁵	6.7	6.5	6.1	4.6	4.5

* Estimates are considered unreliable. Rates preceded by an asterisk are based on fewer than 50 events. Rates not shown are based on fewer than 20 events.

¹Rates based on unweighted birth cohort data.

²Rates based on a period file using weighted data. See Appendix I, National Vital Statistics System, Linked Birth/Infant Death Data Set.

³Infant (under 1 year of age), neonatal (under 28 days), and postneonatal (28 days–11 months).

⁴Persons of Hispanic origin may be of any race.

⁵Prior to 1995, data shown only for States with an Hispanic-origin item on their birth certificates. See Appendix II, Hispanic origin.

⁶Average annual mortality rate.

NOTES: The race groups white, black, American Indian or Alaska Native, and Asian or Pacific Islander include persons of Hispanic and non-Hispanic origin. National linked files do not exist for 1992–94. Some data for previous years have been revised and differ from the previous edition of *Health, United States*. Data for additional years are available. See Appendix III.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Linked Birth/Infant Death Data Set.