

Table 70 (page 1 of 2). Untreated dental caries, by selected characteristics: United States, selected years 1971–1974 through 2007–2010

Updated data when available, Excel, PDF, more data years, and standard errors: <http://www.cdc.gov/nchs/hus/contents2012.htm#070>.

[Data are based on dental examinations of a sample of the civilian noninstitutionalized population]

Sex, race and Hispanic origin ¹ , and percent of poverty level	Age 2–5 years				Age 6–19 years				
	1971–1974	1988–1994	1999–2002	2005–2008	1971–1974	1988–1994	1999–2002	2005–2008	2007–2010
Percent of persons with untreated dental caries									
Total ²	25.0	19.1	19.3	...	54.7	23.6	21.8	16.2	15.6
Sex									
Male	26.4	19.3	20.3	...	54.9	22.8	22.9	17.0	17.1
Female	23.6	18.9	18.4	...	54.5	24.5	20.6	15.3	14.0
Race and Hispanic origin									
Not Hispanic or Latino:									
White only	23.7	13.8	16.9	...	51.6	18.8	17.6	12.9	12.8
Black or African American only	29.0	24.7	24.1	...	71.0	33.7	28.3	22.1	22.4
Mexican	---	34.9	31.4	...	---	36.5	32.7	22.2	21.9
Percent of poverty level: ³									
Below 100%	32.0	30.2	31.7	...	68.0	38.3	31.0	25.4	24.7
100%–199%	29.9	24.3	20.1	...	60.3	28.2	29.1	18.4	18.1
200% or more	17.8	9.4	11.0	...	46.2	15.1	13.3	11.9	10.7
200%–399%	---	10.7	15.2	...	---	16.3	16.7	14.2	13.7
400% or more	---	*	*	...	---	*10.2	8.9	9.3	7.6
Race and Hispanic origin, and percent of poverty level ³									
Not Hispanic or Latino:									
White only:									
Below 100% of poverty level	32.1	25.7	34.2	...	65.9	33.5	27.3	25.4	26.2
100% or more of poverty level	22.0	11.7	12.8	...	49.9	16.7	15.5	11.0	10.5
Black or African American only:									
Below 100% of poverty level	29.1	27.2	28.7	...	73.9	37.0	35.7	27.1	26.4
100% or more of poverty level	27.9	22.5	20.1	...	67.3	31.0	24.2	19.1	18.9
Mexican:									
Below 100% of poverty level	---	38.8	39.1	...	---	46.4	39.0	25.3	22.7
100% or more of poverty level	---	30.3	25.7	...	---	26.4	26.0	20.4	21.5

Sex, race and Hispanic origin ¹ , and percent of poverty level	Age 20–64 years				Age 65–74 years			
	1971–1974	1988–1994	1999–2002	2005–2008	1971–1974	1988–1994	1999–2002	2005–2008
Percent of persons with untreated dental caries								
Total ²	48.0	28.3	23.7	23.7	29.7	25.4	17.0	19.6
Sex								
Male	50.5	31.5	25.9	27.2	32.6	29.8	20.1	24.8
Female	45.6	25.3	21.7	20.2	27.4	21.5	14.4	15.3
Race and Hispanic origin								
Not Hispanic or Latino:								
White only:								
Below 100% of poverty level	45.3	23.9	18.7	19.3	28.3	22.7	14.3	17.8
Black or African American only	67.3	48.5	42.0	39.7	41.5	46.7	35.0	32.4
Mexican	---	40.2	35.2	35.2	---	43.8	33.9	33.2
Percent of poverty level: ³								
Below 100%	63.5	48.1	41.5	41.9	34.3	46.6	27.9	42.5
100%–199%	56.2	43.5	36.4	37.7	35.6	40.1	28.1	22.9
200% or more	42.7	19.6	16.0	16.6	26.2	19.2	12.2	15.7
200%–399%	---	24.6	24.8	24.3	---	24.1	16.5	*17.9
400% or more	---	12.7	9.7	11.1	---	13.5	*7.5	12.8
Race and Hispanic origin, and percent of poverty level ³								
Not Hispanic or Latino:								
White only:								
Below 100% of poverty level	60.2	43.7	35.3	39.8	33.3	*39.0	*	*39.4
100% or more of poverty level	44.2	21.8	16.8	17.1	28.3	22.7	14.0	16.4
Black or African American only:								
Below 100% of poverty level	71.9	60.4	54.1	52.7	39.8	49.7	*31.0	56.2
100% or more of poverty level	65.3	43.9	37.5	36.8	41.1	43.8	39.0	28.1
Mexican:								
Below 100% of poverty level	---	52.7	43.1	43.8	---	55.5	*45.0	47.8
100% or more of poverty level	---	31.8	31.9	31.0	---	35.6	31.1	*25.3

See footnotes at end of table.

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[Data are based on dental examinations of a sample of the civilian noninstitutionalized population]

Sex, race and Hispanic origin ¹ , and percent of poverty level	Age 75 years and over			
	1971–1974	1988–1994	1999–2002	2005–2008
	Percent of persons with untreated dental caries			
Total ²	---	30.3	20.3	20.2
Sex				
Male	---	34.4	24.4	25.7
Female	---	28.1	17.4	16.1
Race and Hispanic origin				
Not Hispanic or Latino:				
White only	---	27.8	18.3	17.7
Black or African American only	---	62.6	46.8	42.6
Mexican	---	55.6	48.2	43.4
Percent of poverty level: ³				
Below 100%	---	47.1	33.0	39.3
100%–199%	---	34.5	23.0	22.1
200% or more	---	23.2	15.8	14.5
200%–399%	---	24.3	*14.0	14.8
400% or more	---	21.6	*18.1	*13.8
Race and Hispanic origin, and percent of poverty level ³				
Not Hispanic or Latino:				
White only:				
Below 100% of poverty level	---	38.0	*32.2	*29.6
100% or more of poverty level	---	26.1	17.2	15.6
Black or African American only:				
Below 100% of poverty level	---	68.6	*	*
100% or more of poverty level	---	60.2	43.8	36.4
Mexican:				
Below 100% of poverty level	---	79.4	*	*
100% or more of poverty level	---	*	49.7	*28.0

. . . Category not applicable.

--- Data not available.

* Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20%–30%. Data not shown have an RSE of greater than 30%.

¹Persons of Mexican origin may be of any race. Starting with 1999 data, race-specific estimates are tabulated according to the 1997 *Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity* and are not strictly comparable with estimates for earlier years. The two non-Hispanic race categories shown in the table conform to the 1997 Standards. Starting with 1999 data, race-specific estimates are for persons who reported only one racial group. Prior to data year 1999, estimates were tabulated according to the 1977 Standards. Estimates for single-race categories prior to 1999 included persons who reported one race or, if they reported more than one race, identified one race as best representing their race. See [Appendix II, Hispanic origin; Race](#).

²Includes persons of all races and Hispanic origins, not just those shown separately, and those with unknown percent of poverty level.

³Percent of poverty level is based on family income and family size. Persons with unknown percent of poverty level are excluded (8% in 2007–2010). See [Appendix II, Family income; Poverty](#).

NOTES: Root caries are not included. Persons without at least one primary or one permanent tooth or one root tip were classified as edentulous and were excluded from this analysis. The majority of edentulous persons are aged 65 and over. Estimates of edentulism among persons aged 65 and over are 46% in 1971–1974, 33% in 1988–1994, and 23% in 2005–2008. For estimates prior to 2005–2010, only dental caries in primary teeth was evaluated for children aged 2–5. Caries in both permanent and primary teeth was evaluated for children aged 6–11. For children and adolescents 12–19 years of age and adults, only dental caries in permanent teeth was evaluated. Starting with 2005–2006 data, dental caries data were collected using a simplified examination process that used health technologists to screen for caries instead of using dentists to conduct a comprehensive caries exam. In addition, dental caries data were not collected on children younger than 5 years of age, and in 2009–2010 the exam was only conducted on children and adolescents aged 3–19. Because of this change in the examination process and because 2005–2010 dental caries data are based on both primary and permanent teeth, regardless of age, data for 2005–2010 need to be interpreted with caution, especially when comparing with earlier data. For more information on the methodology changes, see [Appendix II, Dental caries](#);

http://www.cdc.gov/nchs/data/nhanes/nhanes_05_06/ohx_d.pdf and Dye BA, Barker LK, Li X, Lewis BG, Beltrán-Aguilar ED. Overview and quality assurance for the oral health component of the National Health and Nutrition Examination Survey (NHANES), 2005–08. *J Public Health Dent* 2011;71(1):54–61. Due to data collection changes, 2007–2010 estimates are only available for children and adolescents aged 6–19. Estimates for 2005–2008 are shown for all age groups to provide a consistent time period. Estimates for overlapping data years should not be compared. Standard errors are available in the spreadsheet version of this table. Available from: <http://www.cdc.gov/nchs/hus.htm>. Data for additional years are available. See [Appendix III](#).

SOURCE: CDC/NCHS, National Health and Nutrition Examination Survey. See [Appendix I, National Health and Nutrition Examination Survey \(NHANES\)](#).