

Trends in primary dentition untreated dental caries prevalence among children (aged 2-4 and 6-8 years) and trends in permanent dentition untreated dental caries among children (aged 6-8 years), adolescents (aged 12-15 years), and adults (aged 35-44 years) by selected demographic characteristics

	Prevalence (95% CI)					
	2-4 Years - Primary (ds)		6-8 Years - Primary (ds)		6-8 Years - Permanent (DS)	
	NHANES I	NHANES III	NHANES I	NHANES III	NHANES I	NHANES III
Total	16.68 (14.30, 19.06)	15.90 (13.83, 17.98)	48.65 (44.36, 52.93)	26.52 (23.29, 29.76)	20.98 (16.81, 25.15)	6.34 (4.55, 8.14)
Race/ethnicity						
Non-Hispanic white	15.02 (12.77, 17.27)	10.79 (8.36, 13.23)	44.87 (40.09, 49.64)	20.69 (16.65, 24.72)	19.08 (13.79, 24.38)	4.47 (2.22, 6.72)
Non-Hispanic black	18.95 (13.24, 24.66)	22.00 (18.12, 25.87)	50.87 (43.72, 58.02)	33.48 (30.26, 36.67)	23.70 (17.40, 30.00)	7.28 (4.69, 9.87)
Mexican American	31.53 (16.43, 46.62)	30.11 (27.36, 32.86)	78.61 (64.48, 92.74)	44.75 (38.27, 51.24)	35.95 (18.67, 53.24)	10.49 (7.40, 13.58)
Gender						
Male	17.74 (14.18, 21.30)	16.25 (13.61, 18.90)	49.79 (44.45, 55.13)	24.18 (20.26, 28.11)	21.98 (17.54, 26.43)	4.32 (2.29, 6.36)
Female	15.54 (12.31, 18.77)	15.53 (12.71, 18.36)	47.46 (42.06, 52.87)	29.23 (24.54, 33.93)	19.97 (14.42, 25.53)	8.60 (5.20, 12.01)
Federal poverty level (FPL)						
Below FPL	20.58 (15.19, 25.96)	25.79 (21.20, 30.39)	65.79 (58.42, 73.16)	45.24 (39.13, 51.35)	28.09 (19.84, 36.33)	9.95 (5.53, 14.36)
At or above FPL	15.77 (13.44, 18.10)	11.40 (9.65, 13.15)	43.99 (39.39, 48.59)	19.74 (16.16, 23.33)	19.02 (14.51, 23.52)	4.99 (3.04, 6.93)
Education (head of household)						
Less than 12th grade	23.78 (17.36, 30.21)	25.69 (20.72, 30.66)	63.31 (56.64, 69.97)	41.56 (35.00, 48.13)	27.42 (21.52, 33.31)	9.36 (6.23, 12.50)
12th grade	17.84 (13.97, 21.72)	16.26 (13.63, 18.88)	46.77 (40.37, 53.17)	28.12 (22.63, 33.61)	20.15 (11.45, 28.85)	6.38 (2.97, 9.80)
More than 12th grade	7.57 (4.95, 10.18)	9.36 (6.97, 11.75)	31.28 (22.93, 39.62)	16.27 (11.39, 21.16)	11.72 (7.15, 16.28)	4.65 (1.88, 7.43)
	Prevalence (95% CI)					
	12-15 Years - Permanent (DS)		35-44 Years - Permanent (DS)			
	NHANES I	NHANES III	NHANES I	NHANES III		
Total	53.19 (48.95, 57.44)	16.91 (13.86, 19.96)	40.30 (37.22, 43.37)	26.12 (23.60, 28.65)		
Race/ethnicity						
Non-Hispanic white	48.70 (43.81, 53.59)	13.64 (9.78, 17.49)	37.72 (34.11, 41.34)	21.90 (18.87, 24.93)		
Non-Hispanic black	65.15 (58.91, 71.39)	27.35 (22.59, 32.12)	43.39 (38.83, 47.96)	45.92 (41.60, 50.25)		
Mexican American	51.06 (40.80, 61.32)	28.34 (24.42, 32.25)	46.81 (22.93, 70.69)	33.49 (29.91, 37.08)		
Gender						
Male	51.03 (46.52, 55.54)	15.97 (12.53, 19.41)	43.99 (39.33, 48.66)	28.55 (25.05, 32.04)		
Female	55.42 (49.93, 60.90)	17.89 (13.38, 22.40)	36.89 (33.91, 39.86)	23.96 (20.29, 27.62)		
Federal poverty level (FPL)						
Below FPL	69.26 (64.17, 74.36)	29.42 (21.26, 37.59)	60.87 (53.36, 68.38)	50.74 (45.71, 55.76)		
At or above FPL	50.17 (45.59, 54.75)	13.54 (10.23, 16.84)	38.20 (35.27, 41.13)	23.07 (20.36, 25.78)		
Education (head of household)*						
Less than 12th grade	67.15 (62.29, 72.00)	28.71 (23.73, 33.68)	48.81 (45.13, 52.50)	47.57 (41.12, 54.01)		
12th grade	49.23 (43.21, 55.26)	20.09 (14.79, 25.39)	39.78 (35.07, 44.48)	33.14 (28.81, 37.48)		
More than 12th grade	35.68 (29.14, 42.21)	7.29 (4.22, 10.37)	32.16 (28.10, 36.22)	15.50 (13.00, 18.00)		

* The sample person's education level is used in the 35-44 years age group.

Data sources: The First National Health and Nutrition Examination Survey (NHANES I) 1971-1975, and the Third National Health and Nutrition Examination Survey (NHANES III) 1988-1994, National Center for Health Statistics, Centers for Disease Control and Prevention.