	e 13. Oral health objective status	Baseline											Targe
	Objective	year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	1998	200
13.1	Dental caries												
	Children 6-8 years	1986-87	54%					1/52%					35%
	Adolescents 15 years	1986-87	78%					1/61%					60%
	a. Children 6-8 years whose parents have												
	less than high school education	1986-87	70%					1/66%					45%
	b. American Indian/Alaska Native children 6-8 years												
	Primary or permanent teeth				88%								45%
	Primary teeth	1983-84	92%										
	Permanent teeth	1983-84	52%										
	c. Black children 6-8 years	1986-87	56%					1/50%					40%
	d. American Indian/Alaska Native adolescents 15 years	1983-84	93%		90%								70%
13.2	Untreated dental caries												
	Children 6-8 years	1986-87	28%					1/29%					20%
	a. Children whose parents have less than a												
	high school education	1986-87	43%					1/44%					30%
	b. American Indian/Alaska Native children	1983-84	64%		72%								35%
	c. Black children	1986-87	a/38%					1/36%					25%
	d. Hispanic children	1982-84	a,2/45%					1,2/48%					25%
	Adolescents 15 years	1986-87	24%					1/20%					15%
	e. Adolescents whose parents have less than a												
	high school education	1986-87	41%					1/29%					25%
	f. American Indian/Alaska Native adolescents	1983-84	84%		61%								40%
	g. Black adolescents	1986-87	38%					1/29%					20%
	h. Hispanic adolescents	1982-84	a,2/45%					1,2/36%					25%
13.3	No tooth loss												
	People 35-44 years	1985-86	31%					1/31%					45%
13.4	Complete tooth loss												
	People 65 years and over	1986	36%	32%	32%		30%				30%		20%
	a. Low-income people												
	Annual family income less than \$15,000	1986	46%	45%	45%		42%				44%		25%
	Annual family income below poverty level						48%				46%		
	b. American Indian/Alaska Native	1991	42%				3/				3/		20%
13.5	Gingivitis												
	People 35-44 years	1985-86	41%					1/48%					30%
	a. Low-income people (annual family income												
	less than \$12,500)	1985-86	50%					1/66%					35%
	b. American Indian/Alaska Native	1983-84	95%		96%								50%
	c. Hispanic												50%
	Mexican American	1982-84	74%					1/64%					
	Cuban	1982-84	79%										
	Puerto Rican	1982-84	82%										•••
13.6	Periodontal diseases												

		Baseline											Targe
	Objective	year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	1998	200
	Male 45-74 years	1987	13.6	13.4	12.7	12.2	12.1	11.1	11.0	10.7	10.3	p/10.0	10.5
	Female 45-74 years	1987	4.8	4.6	4.6	4.3	4.2	4.0	3.9	3.5	3.5	p/10.0	4.1
	a. Black male 45-74 years	1990	29.4		26.9	27.3	26.2	25.2	23.4	22.6	20.4	p/0.4 p/19.8	26.0
	b. Black female 45-74 years	1990	6.9		6.9	6.0	5.8	5.7	6.4	5.0	5.2	p/10.0 p/4.3	6.9
3.8	Protective sealants	4000 07	440/					4/000/					500
	Children 8 years	1986-87	11%					1/23%					50%
	Adolescents 14 years	1986-87	8%					1/24%					50%
	a. Black 8 years	1986-87	a/4%					1/11%					50%
	b. Black 14 years	1986-87	a/3%					1/5%					50%
	c. Hispanic 8 years	1986-87	a/9%					1,2/7%					50%
	d. Hispanic 14 years	1986-87	a/6%					1,2/7%					50%
3.9	Water fluoridation												
	People served by community water systems	1989	61%			62%							75%
13.10	Topical and systemic fluorides												
	People in non-fluoridated areas who use fluoride	1989	50%										85%
	Proportion of people (national) using:	1000	0070										007
	Toothpaste containing fluoride			4/94%									
	Fluoride mouthrinse			10170									
	Children and adolescents 6-17 years			5/22.0%									
	People 18 years and over			5/7.7%								p/8.2%	
	Fluoride supplements			0/11/0								p/0.270	
	Children and adolescents 2-16			5/10.3%									
				5/10.570									
3.11*													
	Parents and caregivers who use												
	preventive feeding practices	1991	55%										75%
	a. Parents and caregivers with												
	less than high school education	1991	36%										65%
	b. American Indian/Alaska Native												
	parents and caregivers	1985-89	74%										65%
	c. Black parents and caregivers	1991	48%										65%
	d. Hispanic parents and caregivers	1991	39%										65%
3.12	Oral health screening, referral, and follow-up												
	Children 5 years who visited the dentist in the												
	past year	1986	66%	5/60%	63%						75%		90%
	a. Black 5 years	1991	51%								72%		90%
	b. Hispanic 5 years	1991	51%								63%		90%
13.13	Oral health care at institutional facilities												100%
	Nursing facilities	1990	Required										
	Federal prisons												
	Nontegeral prisons												
	Nonfederal prisons Juvenile homes												

		Baseline											Targe
	Objective	year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	1998	200
	People 35 years and over	1986	54%	5/55%	58%		61%				63%		70%
	a. Edentulous people 35 years and over	1986	11%	5/13%	13%		16%				20%		50%
	b. People 65 years and over	1986	42%	5/43%	47%		51%				55%		60%
	c. Black 35 years and over	1991	43%				46%				53%		60%
	d. Mexican American 35 years and over	1991	38%				45%				47%		60%
	e. Puerto Rican 35 years and over	1991	51%				37%				54%		60%
13.15	Oral health care for infants with cleft lip and/or palate Number of States with systems for recording and referring infants with cleft lip and/or palates												
	Systems to identify and refer	1989	11				23						40
	Systems to identify infants	1989	25				34						4
	Systems to refer for care	1989	20				31						4
	Systems to identify, refer, and follow up for care	1993	a/16										40
13.16*	Protective equipment in sporting and recreation events National Collegiate Athletic Association												100%
	Football	1988	Required										
	Hockey	1988	Required										
	Lacrosse	1988	Required										
	High school football	1988	Required										
	Amateur boxing	1988	Required										
	Amateur ice hockey	1988	Required										
	Use of protective headgear and mouth guards among children who play sports Baseball/softball												
	Headgear				35%								
	Mouth guard Football				7%								••
	Headgear				72%								
	Mouth guard				72%								
	Soccer												
	Headgear				4%								
	Mouth guard				7%								
3.17*	Smokeless tobacco use												
	Male 12-17 years	1988	6.6%		5.3%	4.8%	3.9%	5.1%	4.9%	3.5%	3.7%		4%
	Male 18-24 years	1987	8.9%		9.9%	8.2%	7.8%	6.9%					4%
	a. American Indian/Alaska Native 18-24 years	1986-87	18-64%		3/	3/	3/	3/			3/		10%

---/Data not available.

. . ./Category not applicable.

a/Baseline has been revised.

p/Preliminary data.

1/1988-94 data.

2/Data are for Mexican Americans.

3/Data are unreliable. Relative standard error is greater than 30%.

4/1986 data.

5/1989 data.

	Baseline											Target
Objective	year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	1998	2000

NOTE: Data include revisions and, therefore, may differ from those previously published in these reports and other publications.

#### Data Sources:

Objective number	Data source
13.1, 13.1c	Baseline: National Survey of Dental Caries in U.S. School Children, 1986-1987, NIH, NIDR. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.1a	Baseline: North Carolina Oral Health School Survey, North Carolina Division of Dental Health, University of North Carolina School of Public Health.
13.1b,d	Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.10,0	Baseline: Survey of Oral Health, IHS. Update: Oral Health Status and Treatment Needs Survey of American Indians/Alaska Natives, IHS.
13.2, 13.2c, g	Baseline: National Survey of Dental Caries in U.S. School Children, 1986-1987, NIH, NIDR. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.2a, e	Baseline: North Carolina Oral Health School Survey, North Carolina Division of Dental Health, University of North Carolina School of Public Health.
13.2b, f	Update: National Health and Nutrition Examination Survey, CDC, NCHS. Baseline: Survey of Oral Health, IHS.
10.20, 1	Update: Oral Health Status and Treatment Needs Survey of American Indians/ Alaska Natives, IHS.
13.2d, h	Baseline: Hispanic Health and Nutrition Examination Survey, CDC, NCHS. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.3	Baseline: National Survey of Oral Health in U.S. Employed Adults and Seniors, 1985-86, NIH, NIDR. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.4, 13.4a	National Health Interview Survey, CDC, NCHS.
13.4b	Baseline: Oral Health Status and Treatment Needs Survey of American Indians/Alaska Natives, IHS.
13.5, 13.5a	Update: National Health Interview Survey, CDC, NCHS. Baseline: National Survey of Oral Health in U.S. Employed Adults and Seniors, 1985-86, NIH, NIDR.
	Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.5b	Baseline: Survey of Oral Health, IHS. Update: Oral Health Status and Treatment Needs Survey of American Indians/ Alaska Natives, IHS.
13.5c	Baseline: Hispanic Health and Nutrition Examination Survey, CDC, NCHS. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.6	Baseline: National Survey of Oral Health in U.S. Employed Adults and Seniors, 1985-1986, NIH, NIDR. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.7*, 13.7a,b	National Vital Statistics System, CDC, NCHS.
13.8	Baseline: National Survey of Dental Caries in U.S. School Children, 1986-1987, NIH, NIDR. Update: National Health and Nutrition Examination Survey, CDC, NCHS.
13.9	Fluoridation Census, CDC, NCPS.
13.10	National Health Interview Survey, CDC, NCHS.
13.11*, 13.11a,c,d	National Health Interview Survey, CDC, NCHS.
13.11b	1990 Baby Bottle Tooth Decay 5-Year Evaluation Report, IHS.

	Baseline											Target
Objective	year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	1998	2000

13.12	National Health Interview Survey, CDC, NCHS.
13.13	Baseline: HCFA.
13.14	National Health Interview Survey, CDC, NCHS.
13.15	State Public Health Dentists Survey, Illinois State Health Department.
13.16*	1988 baseline: CDC, NCPS; NIH, NIDR.
	1991 data: National Health Interview Survey, CDC, NCHS.
13.17*	For males 18-24 years, National Health Interview Survey, CDC, NCHS.
	For males 12-17 years, National Household Survey on Drug Abuse, SAMHSA, OAS.
13.17a	Baseline: National Medical Expenditure Survey of American Indians/Alaska Natives, PHS, NCHSR.
	Updates: National Health Interview Survey, CDC, NCHS.

\*Duplicate objective.