

**Priority Area 15. Heart disease and stroke objective status**

	Objective	Baseline year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	Target 2000
15.1*	Coronary heart disease deaths (age adjusted per 100,000)	1987	135	122	118	114	114	110	108	105	---	100
	a. Black	1987	168	158	156	151	154	147	147	140	---	115
15.2*	Stroke deaths (age adjusted per 100,000)	1987	30.4	27.7	26.8	26.2	26.5	26.5	26.7	26.4	p/25.9	20.0
	a. Black	1987	52.5	48.4	46.8	45.0	45.0	45.4	45.0	44.2	p/42.0	27.0
15.3	End-stage renal disease (per 100,000)	1987	14.4	18.4	20.5	22.3	22.7	25.8	27.5	27.6	---	13.0
	a. Black	1987	34.0	43.0	48.6	52.7	53.6	61.1	65.1	65.1	---	30.0
15.4*	Controlled high blood pressure											
	People with high blood pressure (18-74 years)	1976-80	11%	---	1/29%	---	---	---	---	---	---	50%
	a. Males with high blood pressure (18-74 years)	1976-80	6%	---	1/22%	---	---	---	---	---	---	40%
	b. Mexican American with high blood pressure (18-74 years)	1988-91	14%	...	...	---	---	---	---	---	---	50%
	c. Females 70 years and over with high blood pressure	1988-91	19%	...	...	---	---	---	---	---	---	50%
15.5	Taking action to control blood pressure											
	People with high blood pressure 18 years and over/2	1985	79%	80%	71%	---	72%	71%	---	---	---	90%
	a. White hypertensive males 18-34 years/2	1985	51%	54%	34%	---	38%	30%	---	---	---	80%
	b. Black hypertensive males 18-34 years/2	1985	63%	56%	40%	---	64%	50%	---	---	---	80%
15.6*	Mean serum cholesterol level (mg/dL)											
	People 20-74 years	1976-80	213	---	---	---	---	3/203	---	---	---	200
	Males 20-74 years	1976-80	211	---	---	---	---	3/202	---	---	---	200
	Females 20-74 years	1976-80	215	---	---	---	---	3/204	---	---	---	200
15.7*	High blood cholesterol prevalence											
	People 20-74 years	1976-80	27%	---	---	---	---	3/19%	---	---	---	20%
	Males 20-74 years	1976-80	25%	---	---	---	---	3/18%	---	---	---	20%
	Females 20-74 years	1976-80	29%	---	---	---	---	3/20%	---	---	---	20%
15.8	Awareness of high blood cholesterol condition											
	Adults 18 years and over with high blood cholesterol	1988	30%	44%	---	---	---	---	60%	---	---	60%
15.9*	Dietary fat intake among people 2 years and over/4											
	National Health and Nutrition Examination Survey											
	Average percent of calories from total fat	1976-80	5/36%	---	---	---	---	3/34%	---	---	---	30%
	Average percent of calories from saturated fat	1976-80	5/13%	---	---	---	---	3/12%	---	---	---	10%
	Percent who met goal for fat	1988-94	a/27%	...	...	...	...	...	---	---	---	50%
	Percent who met goal for saturated fat	1988-94	a/29%	...	...	...	...	...	---	---	---	50%
	Continuing Survey of Food Intakes by Individuals											
	Average percent of calories from total fat	1989-91	34%	...	...	---	---	33%	33%	33%	---	30%
	Average percent of calories from saturated fat	1989-91	12%	...	...	---	---	11%	11%	11%	---	10%
	Percent who met goal for fat	1989-91	22%	...	...	---	---	32%	33%	34%	---	50%
	Percent who met goal for saturated fat	1989-91	21%	...	...	---	---	34%	35%	36%	---	50%

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15.10*	Overweight prevalence (Based on measured height and weight unless otherwise indicated)										
Adults 20-74 years	1976-80	26%	---	---	---	---	3,6/35%	---	---	---	20%
Males	1976-80	24%	---	---	---	---	3,6/34%	---	---	---	20%
Females	1976-80	27%	---	---	---	---	3,6/37%	---	---	---	20%
Adolescents 12-19 years	1976-80	15%	---	---	---	---	3/24%	---	---	---	15%
a. Low-income females 20-74 years	1976-80	37%	---	1/47%	---	---	---	---	---	---	25%
b. Black females 20-74 years	1976-80	44%	---	---	---	---	3,6/52%	---	---	---	30%
c. Hispanic females 20-74 years	...	---	---	---	---	---	---	---	---	---	25%
Hispanic females 20 years and over (self-reported)	...	---	33%	32%	32%	33%	32%	35%	---	---	...
Mexican American females 20-74 years	1982-84	39%	---	---	---	---	3,6/50%	---	---	---	...
Cuban females 20-74 years	1982-84	34%	---	---	---	---	---	---	---	---	...
Puerto Rican females 20-74 years	1982-84	37%	---	---	---	---	---	---	---	---	...
d. American Indian/Alaska Native 20 years and over	1984-88	29-75%	---	7/40%	7/36%	7/48%	7/34%	7/43%	---	---	30%
e. People with disabilities 20 years and over (self-reported)	1985	36%	---	38%	37%	38%	38%	40%	---	---	25%
f. Females with high blood pressure 20-74 years	1976-80	50%	---	---	---	---	---	---	---	---	41%
g. Males with high blood pressure 20-74 years	1976-80	39%	---	---	---	---	---	---	---	---	35%
h. Mexican American males 20-74 years	1982-84	30%	---	---	---	---	3,6/37%	---	---	---	25%
15.11*	Light to moderate physical activity										
People 6 years and over	...	---	---	---	---	---	---	---	---	---	30%
People 18-74 years											
5 or more times per week	1985	8/22%	8,9/23%	24%	---	---	---	23%	---	---	30%
7 or more times per week	1985	8/16%	8,9/16%	17%	---	---	---	16%	---	---	30%
a. Hispanic 18 years and over											
5 or more times per week	1991	20%	...	...	---	---	---	22%	---	---	25%
15.12*	Cigarette smoking prevalence										
People 18 years and over	1987	29%	25%	26%	10/27%	25%	26%	25%	---	---	15%
Males	1987	31%	28%	28%	10/29%	28%	28%	27%	---	---	15%
Females	1987	27%	23%	23%	10/25%	22%	23%	23%	---	---	15%
a. People with high school education or less											
20 years and over	1987	34%	31%	31%	10/32%	30%	31%	30%	---	---	20%
b. Blue-collar workers 18 years and over	1987	41%	36%	36%	10/36%	34%	39%	36%	---	---	20%
c. Military personnel	1988	42%	---	---	10/35%	---	---	32%	---	---	20%
d. Black 18 years and over	1987	33%	26%	29%	10/28%	26%	27%	26%	---	---	18%
e. Hispanic 18 years and over	1987	24%	23%	20%	10/21%	20%	20%	18%	---	---	15%
f. American Indian/Alaska Native 18 years and over	1979-87	11/42-70%	38%	31%	10/40%	39%	40%	35%	---	---	20%
g. Southeast Asian males	1984-88	55%	12/35%	12/36-41%	---	---	---	---	---	---	20%
h. Females of reproductive age (18-44 years)	1987	29%	26%	27%	10/28%	26%	27%	26%	---	---	12%
i. Pregnant females	1985	25%	19%	20%	---	20%	---	18%	---	---	10%
j. Females who use oral contraceptives	1983	36%	13/26%	---	---	---	---	24%	---	---	10%
15.13	Knowledge of blood pressure values										
People given blood pressure values	1985	61%	76%	---	---	---	---	---	---	---	90%
People who can state blood pressure is high, low, or normal	...	---	---	84%	---	85%	84%	---	---	---	...
a. Mexican American males 18 years and over	1991	69%	...	...	---	68%	68%	---	---	---	90%

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15.14 Blood cholesterol checked in past 5 years											
People 18 years and over	1993	66%	...	...	...	...	---	---	---	---	75%
Ever checked	1988	59%	65%	63%	---	71%	---	75%	---	---	...
Within past 2 years	1988	52%	---	50%	---	54%	---	---	---	---	...
Ever checked											
a. Black 18 years and over	1991	56%	...	...	---	68%	---	---	---	---	75%
b. Mexican American 18 years and over	1991	42%	...	...	---	55%	---	---	---	---	75%
c. American Indian/Alaska Native 18 years and over	1991	46%	...	...	---	60%	---	---	---	---	75%
Within past two years											
d. Mexican American 18 years and over	1991	33%	...	...	---	38%	---	---	---	---	75%
e. American Indian/Alaska Native 18 years and over	1991	38%	...	...	---	50%	---	---	---	---	75%
f. Asians/Pacific Islander 18 years and over	1991	45%	...	...	---	44%	---	---	---	---	75%
15.15 Primary care providers who provide appropriate therapy for high blood cholesterol	...	---	---	---	---	---	---	---	---	---	75%
Median cholesterol level when diet therapy is initiated (mg/dL)	1986	240-259	200-219	---	---	---	---	200-219	---	---	...
Median cholesterol level when drug therapy is initiated (mg/dL)	1986	300-319	240-259	---	---	---	---	240-259	---	---	...
15.16 Worksite blood pressure/cholesterol education programs											
High blood pressure and/or cholesterol activity	1992	35.0%	...	...	...	---	---	---	---	---	50%
High blood pressure activity	1985	16.5%	---	---	14/29%	---	---	---	---	---	...
Nutrition education activity	1985	16.8%	---	---	31%	---	---	---	---	---	...
Blood pressure screening	...	---	---	---	32%	---	---	16%	---	---	...
15.17 Laboratory accuracy in cholesterol measurement	1985	53%	15/84%	---	---	---	---	---	---	---	90%

---/Data not available.

.../Category not applicable.

p/Preliminary data.

1/1988-91 data.

2/For 1985 and 1990 actions include medication, dieting to lose weight, cutting down on salt, or exercising. Beginning in 1991, actions include taking medication or dieting to lose weight only.

3/1988-94 data.

4/Estimates are from 1-, 2- or 3-day dietary data.

5/For people up to 74 years.

6/People 20 years and over.

7/Estimate derived from self-reported height and weight.

8/Data are for people 18-64 years of age.

9/Operational definition changed for subsequent tracking data.

10/In 1992, the definition of "current" changed to include "some days" (intermittent smoking).

11/Estimates for different tribes.

12/Vietnamese males only.

13/1988 data.

14/Includes classes, individual counseling and resource materials.

15/1987 data.

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

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Objective	Baseline year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	Target 2000
<b>Data Sources:</b>											
Objective number	Data source										
15.1*, 15.1a	National Vital Statistics System, CDC, NCHS.										
15.2*, 15.2a	National Vital Statistics System, CDC, NCHS.										
15.3, 15.3a	End Stage Renal Disease Medicare Reimbursement Data, HCFA, Bureau of Data Management and Strategy.										
15.4*, 15.4a-c	National Health and Nutrition Examination Survey, CDC, NCHS.										
15.5, 15.5a, b	National Health Interview Survey, CDC, NCHS.										
15.6*	National Health and Nutrition Examination Survey, CDC, NCHS.										
15.7*	National Health and Nutrition Examination Survey, CDC, NCHS.										
15.8	Baseline: Health and Diet Survey, FDA. Update: Cholesterol Awareness Survey, NIH, NHLBI.										
15.9*	1976-80 baselines and 1988-94 data: National Health and Nutrition Examination Survey, CDC, NCHS. 1989-91 baselines and 1994-96 updates: Continuing Survey of Food Intakes by Individuals, USDA.										
15.10*, 15.10a, b, f, g	National Health and Nutrition Examination Survey, CDC, NCHS.										
15.10c, h	Data for Hispanic: National Health Interview Survey, CDC, NCHS. Baseline for Mexican American, Cuban, Puerto Rican: Hispanic Health and Nutrition Examination Survey, CDC, NCHS. Updates for Mexican American: National Health and Nutrition Examination Survey, CDC, NCHS.										
15.10d	Baseline: IHS, OPEL. Updates: National Health Interview Survey, CDC, NCHS.										
15.10e	National Health Interview Survey, CDC, NCHS.										
15.11*, 15.11a	National Health Interview Survey, CDC, NCHS.										
15.12*, 15.12a, b, d, e, h	National Health Interview Survey, CDC, NCHS.										
15.12c	Worldwide Survey of Substance Abuse and Health Behaviors Among Military Personnel, DoD, OASD.										
15.12f	Baseline: CDC. Updates: National Health Interview Survey, CDC, NCHS.										
15.12g	Baseline: Local surveys. 1990 update: Jenkins CH. Cancer risks and prevention practices among Vietnamese refugees. <i>Western J of Med</i> 153:34-9. 1990. 1991 update: Jenkins CNH, et al. Tobacco use in Vietnam: Prevalence, predictors, and the role of the transnational tobacco corporations. <i>JAMA</i> 227(21):1726-31. 1997; Jenkins CNH, et al. The effectiveness of a media-led intervention to reduce smoking among Vietnamese-American men. <i>AJPH</i> 87(6):1031-4. 1997.										
15.12i	Baseline and 1991 update: National Health Interview Survey, CDC, NCHS. 1993 update: National Health and Pregnancy Survey, NIH, NIDA.										
15.12j	1983 and 1988 data: Behavioral Risk Factor Surveillance System, CDC, NCCDPHP. 1995 update: National Survey of Family Growth, CDC, NCHS.										
15.13	National Health Interview Survey, CDC, NCHS.										
15.14	Baseline: Health and Diet Survey, FDA. 1991 and 1993 updates: National Health Interview Survey, CDC, NCHS. 1990 and 1995 update: Cholesterol Awareness Survey, NIH, NHLBI.										
15.15	Cholesterol Awareness Physicians Survey, NIH, NHLBI.										
15.16	1985 and 1992 data: National Survey of Worksites Health Promotion Activities, OPHS, ODPHP. 1995 data: Business Responds to AIDS Benchmark Survey, CDC, NCHSTP.										
15.17	Comprehensive Chemistry Survey of Laboratories Using Enzymatic Methods, College of American Pathologists.										

\*Duplicate objective.