## Priority Area 15 <br> Heart Disease and Stroke

Health Status Objective: Coronary heart disease

PHS Agency Assignment: National Institutes of Health

| $\begin{array}{\|l} 15.1 \\ (1.1) \\ (2.1) \\ (3.1) \\ \hline \end{array}$ | Reduce coronary heart disease deaths to no more than 100 per 100,000 people. |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Coronary deaths (age-adjusted per 100,000) | Baselin <br> Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 2000 <br> Target |
|  | Total population | 1987 | 135 | 131 | 126 | 122 | 118 | 114 | 114 | 110 | 108 | 105 | 100 |
|  | Special Population Target |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 15.1a Black | 1987 | 168 | 167 | 165 | 158 | 156 | 151 | 154 | 147 | 147 | 140 | 115 |
|  | ICD-9 Codes: 402, 410-414, 429.2 |  |  |  |  |  |  |  |  |  |  |  |  |

Data Source: National Vital Statistics System, CDC, NCHS.

Health Status Objective: Stroke
PHS Agency Assignment: National Institutes of Health

### 15.2 Reduce stroke deaths to no more than 20 per 100,000 people.

(2.22) (3.18)

| Stroke deaths (age-adjusted per 100,000) | Baseline Year | Baseline | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | $\checkmark 1997$ | $\begin{array}{r} 2000 \\ \text { Target } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total population | 1987 | 30.4a | 29.9 | 28.3 | 27.7 | 26.8 | 26.2 | 26.5 | 26.5 | 26.7 | 26.4 | 25.9 | 20.0 |
| Special Population Target |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.2a Black | 1987 | 52.5 | 52.9 | 50.6 | 48.4 | 46.8 | 45.0 | 45.0 | 45.4 | 45.0 | 44.2 | 42.0 | 27.0 |
| aBaseline is revised. <br> bPreliminary data. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ICD-9 codes: 430-438 |  |  |  |  |  |  |  |  |  |  |  |  |  |

Data Source: National Vital Statistics System, CDC, NCHS.

## Health Status Objective: End-stage renal disease

PHS Agency Assignment: National Institutes of Health
15.3 Reverse the increase in end-stage renal disease (requiring maintenance dialysis or transplantation) to attain an incidence of no more than 13 per $100,000$.


Data Source: End Stage Renal Disease Medicare Reimbursement Data, HCFA, Bureau of Data Management and Strategy.
Risk Reduction Objective: Controlled high blood pressure
PHS Agency Assignment: National Institutes of Health

| $\begin{array}{\|l} 15.4 \\ (2.26) \end{array}$ | Increase to at least 50 percent the proportion of people with high blood pressure whose blood pressure is under control. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Baseline |  |  | 2000 |
|  | High blood pressure control | Year | Baseline | 1988-1991 | Target |
|  | Adults 18-74 years with high blood pressure | 1976-80 | 11\% | 29\% | 50\% |
|  | Special Population Targets |  |  |  |  |
|  | 15.4a Males 18-74 years with high blood pressure 15.4b Mexican American 18-74 years | 1976-80 | 6\% | 22\% | 40\% |
|  | with high blood pressure 15.4c Females 70 years and over | 1988-91 | 14\% |  | 50\% |
|  | with high blood pressure | 1988-91 | 19\% |  | 50\% |

Data Source:
National Health and Nutrition Examination Survey, CDC, NCHS

Risk Reduction Objective: Taking action to control blood pressure

PHS Agency Assignment: National Institutes of Health
15.5 Increase to at least 90 percent the proportion of people with high blood pressure who are taking action to help control their blood pressure.

|  | Baseli |  |  |  |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Taking action to control blood pressure | Year | Baselinea | 1990a | 1991. | 1993. | 1994b | Target |
| Adults with high blood pressure | 1985 | 79\% | 80\% | 71\% | 72\% | 71\% | 90\% |
| Special Population Targets |  |  |  |  |  |  |  |
| 15.5a White hypertensive males 18-34 years | 1985 | 51\% | 54\% | 34\% | 38\% | 30\% | 80\% |
| 15.5 b Black hypertensive males 18 -34 years | 1985 | 63\% | 56\% | 40\% | 64\% | 50\% | 80\% |
| aActions to control blood pressure include medication, dieting to lose weight, cutting down on salt, or exercising. bActions to control blood pressure include taking medication or dieting to lose weight only. |  |  |  |  |  |  |  |
| Note: People with high blood pressure are defined in athe National Health Interview Survey as those who are told on two or more occasions by a physician or other health professional that they had blood pressure equal to or greater than 140 mm Hg systolic and/or 90 mm Hg diastolic and/or taking antihypertensive medication. |  |  |  |  |  |  |  |

Data Source: National Health Interview Survey, CDC, NCHS.

Risk Reduction Objective: Mean serum cholesterol level prevalence
PHS Agency Assignment: National Institutes of Health
$15.6 \quad$ Reduce the mean serum cholesterol level among adults to no more than $200 \mathrm{mg} / \mathrm{dL}$.
(2.27)

|  | Baseline |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: |
| Mean serum cholesterol level (mg/dL) | Year | Baseline | 1988-94 | Target |
| People 20-74 years | 1976-1980 | $\begin{aligned} & 213 \\ & (213) \end{aligned}$ | 203 | 200 |
| Males 20-74 years | 1976-1980 | $\begin{aligned} & 211 \\ & (211) \end{aligned}$ | 202 | 200 |
| Females 20-74 years | 1976-1980 | $\begin{gathered} 215 \\ (214) \end{gathered}$ | 204 | 200 |

Note: Age-adjusted rates are shown in parentheses. All other rates are crude rates.

Data Source: National Health and Nutrition Examination Survey, CDC, NCHS.

Risk Reduction Objective: High blood cholesterol prevalence
PHS Agency Assignment: National Institutes of Health

| Baseline |  |  | 2000 |
| :---: | :---: | :---: | :---: |
| Year | Baseline | 1988-1994 | Target |
| 1976-1980 | $\begin{gathered} 27 \% \\ (26 \% \end{gathered}$ | 19\% | 20\% |
| 1976-1980 | $\begin{aligned} & 25 \% \\ & (25 \%) \end{aligned}$ | 18\% | 20\% |
| 1976-1980 | $\begin{aligned} & 29 \% \\ & (28 \%) \end{aligned}$ | 20\% | 20\% |

Note: Age-adjusted rates are shown in parentheses. All other rates are crude rates.

PHS Agency Assignment: National Institutes of Health
15.8 Increase to at least 60 percent the proportion of adults with high blood cholesterol who are aware of their condition and are taking action to reduce their blood cholesterol to recommended levels.

|  | Baseli |  |  |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aware of high blood cholesterol condition | Year | Baseline | 1990 | 1991a | 1995 | Target |
| Adults 18 years and over with high blood cholesterol | 1988 | 30\% | 44\% | 67\% | 60\% | 60\% |
| ${ }_{\text {a }}$ Supplemental data not used for tracking. |  |  |  |  |  |  |
| Note: "High blood cholesterol" means a level that requires diet, and if necessary, drug treatment. Actions to control high blood cholesterol include keeping medical appointments, making recommended dietary changes (e.g., reducing saturated fat, total fat, and dietary cholesterol), and, if necessary, taking prescribed medication. |  |  |  |  |  |  |

Data Sources: Baseline and 1990 Update: Health and Diet Survey, FDA. 1991 Update: National Health Interview Survey, CDC, NCHS. 1995 Update: Cholesterol Awareness Survey, NIH, NHLBI.

Risk Reduction Objective: Dietary fat intake
PHS Agency Assignment: National Institutes of Health

| 15.9 | Reduce dietary fat intake to an average of 30 percent of calories or less and average saturated fat intake to less than 10 percent of calories among people <br> aged 2 and older. In addition, increase to at least 50 percent the proportion of people aged 2 and older who meet the "Dietary Guidelines" <br> average daily goal of no more than 30 percent of calories from fat, and increase to at least 50 percent the proportion of people aged 2 and older who <br> meet the average daily goal of less than 10 percent of calories from saturated fat. |
| :--- | :--- |


| Average dietary fat intake among people 2 years and over | Baseline <br> Year | Baseline | 1988-94 | 1994 | 1995 | 1996 | $\begin{aligned} & 2000 \\ & \text { Target } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| National Health and Nutrition Examination Survey |  |  |  |  |  |  |  |
| Percent of calories from total fat | 1976-80 | 36\%a.b | 34\% |  |  |  | 30\% |
| Percent of calories from saturated fat | 1976-80 | 13\% ${ }_{\text {a,b }}$ | 12\% |  |  |  | 10\% |
| Percent who met the goal for fat | 1988-94 | 27\% |  |  |  |  | 50\% |
| Percent who met the goal for saturated fat | 1988-94 | 29\% | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 50\% |
| Continuing Survey of Food Intakes by Individuals |  |  |  |  |  |  |  |
| Percent of calories from total fat | 1989-91 | 34\% | $\ldots$ | 33\% | 33\% | 33\% | 30\% |
| Percent of calories from saturated fat | 1989-91 | 12\% |  | 11\% | 11\% | 11\% | 10\% |
| Percent who met the goal for fat | 1989-91 | 22\% |  | 32\% | 33\% | 34\% | 50\% |
| Percent who met the goal for saturated fat | 1989-91 | 21\%d |  | 34\% | 35\% | 36\% | 50\% |
| ${ }_{a}$ abata are for persons up to 74 years only. <br> bBased on 1-day dietary data. <br> cBased on 2-day dietary data. <br> dBased on 3-day dietary data. |  |  |  |  |  |  |  |

Data Sources: $\quad 1976-80$ Baseline and 1988-94 data: National Health and Nutrition Examination Survey, CDC, NCHS; 1989-91 baseline and 1994-96 Updates: Continuing Survey
of Food Intakes by Individuals (CSFII) USDA;

PHS Agency Assignment: National Institutes of Health

| 15.10 | Reduce overweight to a prevalence of no more than 20 percent among people aged 20 and older and no more than 15 percent among adolescents aged |
| :--- | :--- |
| $(1.2)$ | 12 through 19. |
| $(2.3)$ | Updates are from self-reported height and weight. |
| $(17.12)$ |  |


|  | Baseline |  |  |  |  |  |  |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Overweight prevalence | Year | Baseline | 1985 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | Target |
| Adults 20 years and over | 1976-80 | 26\%a | 23\% | 27\% | 27\% | 28\% | 29\% | 30\% | 31\% | 20\% |
| Males | 1976-80 | 24\%a | 24\% | 27\% | 27\% | 28\% | 30\% | 30\% | 31\% | ... |
| Females | 1976-80 | 27\%a | 23\% | 27\% | 27\% | 28\% | 29\% | 29\% | 30\% |  |
| Adolescents 12-19 years | 1976-80 | 15\% | --- | --- | --- | --- | --- | --- | --- | 15\% |
| Special Population Targets |  |  |  |  |  |  |  |  |  |  |
| 15.10a Low-income $u$ - females 20 years and over | 1976-80 | 37\% | 35\% | 37\% | 38\% | 39\% | 36\% | 38\% | 44\% | 25\% |
| 15.10b Black females 20 years and over | 1976-80 | 44\%a | 37\% | 42\% | 44\% | 44\% | 47\% | 48\% | 49\% | 30\% |
| 15.10c Hispanic females 20 years and over |  | --- | 27\%a | 33\% | 32\% | 32\% | 33\% | 32\% | 35\% | 25\% |
| Mexican-American females | 1982-84 | 39\%a | --- | --- | 37\% | 37\% | 33\% | 35\% | 40\% | ... |
| Cuban females | 1982-84 | $34 \%$ a | --- | --- | --- | --- | --- | --- | --- | ... |
| Puerto Rican females | 1982-84 | 37\%a | --- | --- | --- | --- | --- | --- | 36\% |  |
| 15.10d American Indian/Alaska Native 20 years and over | 1984-88 | 29-75\% | --- | --- | 40\% | 36\% | 48\% | 34\% | 43\% | 30\% |
| 15.10 e People with disabilities 20 years and overd | 1985 | 36\%a | --- | --- | 35\% | 37\% | 38\% | 38\% | 40\% | 25\% |
| 15.10f Females with high blood pressure 20 years and over | 1976-80 | 50\%a | --- | --- | --- | --- | --- | --- | --- | 41\% |
| 15.10 g Males with high blood pressure 20 years and over | 1976-80 | 39\%a | --- | --- | --- | --- | --- | --- | --- | 35\% |
| 15.10h Mexican-American males | 1982-84 | 30\%a | --- | --- | 33\% | 32\% | $34 \%$ | $39 \%$ | 44\% | 25\% |
| ua20-74 years. <br> ubLow-income is defined as below the poverty threshold defined annually by the Bureau of the Census. ucEstimates for different tribes. <br> udPeople who report any limitation in activity due to chronic conditions derived from self-reported height and weight. |  |  |  |  |  |  |  |  |  |  |
| Note: For people 20 and over, overweight is defined as body mass index (BMI) equal to or greater than 27.8 for males and 27.3 for females. For adolescents, overweight is defined as BMI equal to or greater than 23.0 for males 12 through 14, 24.3 for males 15 through 17, 25.8 for males 20 through 19, 23.4 for females 12 through 14, 24.8 for females 15 through 17, and 25.7 for females 20 through 19. The values for adults are the gender-specific 85th percentile values of the 1976-80 National Health and Nutrition Examination Survey (NHANES II), reference population 20-29 years of age. For adolescents, overweight was defined using BMI cutoffs based on modified age-and-gender-specific 85th percentile values of the NHANES II.BMI is calculated by dividing weight in kilograms by the square of height in meters. The cut points used to define overweight approximate the 120 percent of desirable body weight definition used in the 1990 objectives. |  |  |  |  |  |  |  |  |  |  |

Data Sources: Baseline data for 15.10, 15.10a, b, $f$ and g : National Health and Nutrition Examination Survey, CDC, NCHS. Baseline data for 15.10c and 15.10h, Hispanic Health and Nutrition Examination Survey CDC, NCHS. Baseline data for 15.10d: Indian Health Service, Office of Planning, Evaluation, and Legislation, Program Statistics Division. Baseline data for 15.10 e and all updates: National Healt Interview Survey, CDC, NCHS.

### 15.10 Reduce overweight to a prevalence of no more than 20 percent among people aged 20 and older and no more than 15 percent among adolescents aged 12 through 19. <br> (2.3) <br> Examination Data: Measured Height and Weight

| Baseline |  |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: |
| Overweight prevalence | Baseline | ¢ Baseline | 1988-94 | Target |
| Adults 20-74 years | 1976-80 | 26\% | 35\% (ages 20+) | 20\% |
| Males | 1976-80 | 24\% | 34\% (ages 20+) | 20\% |
| Females | 1976-80 | 27\% | 37\% (ages 20+) | 20\% |
| Adolescents 12-19 years | 1976-80 | 15\% | 24\% | 15\% |
| Special Population Targets |  |  |  |  |
| 15.10a Low-income females 20-74 yearsa | 1976-80 | 37\% | 47\% | 25\% |
| 15.10b Black females 20-74 years | 1976-80 | 44\% | 52\% (ages 20+) | 30\% |
| 15.10c Hispanic females 20-74 years |  | --- | --- | 25\% |
| Mexican-American females 20-74 years | 1982-84 | 39\% | 50\% (ages 20+) | . . . |
| Cuban females 20-74 years | 1982-84 | 34\% |  |  |
| Puerto Rican females 20-74 years | 1982-84 | 37\% | --- |  |
| 15.10d American Indian/Alaska Native 20 years and over | 1984-88 | 29-75\% | --- | 30\% |
| 15.10e People with disabilities 20 years and overd | 1985 | 36\% | --- | 25\% |
| 15.10f Females with high blood pressure 20-74 years | 1976-80 | 50\% | --- | 41\% |
| 15.10 g Males with high blood pressure 20-74 years | 1976-80 | 39\% | --- | 35\% |
| 15.10h Mexican-American males 20-74 years | 1982-84 | 30\% | 37\% (ages 20+) | 25\% |

aLow-income is defined as below the poverty threshold defined annually by the Bureau of the Census
1988-91 data.
Range of estimates for different tribes
dBaseline is for people 20-74 years who report any limitation in activity due to chronic conditions, derived from self-reported height and weight.
1988-91 NHANES data show : 34\% for adults 20-74 years and $33 \%$ for adults 20 years and over; $32 \%$ for males $20-74$ years and $31 \%$ for males 20 years and over; $36 \%$ for emales 20-74 years and $35 \%$ for females 20 years and over; $49 \%$ for black females $20-74$ years and $49 \%$ for black females 20 years and over; and $36 \%$ for Mexican-American males 20-74 years and $39 \%$ for Mexican-American males 20 years and over.
Note: For people 20 years and over, overweight is defined as body mass index (BMI) equal to or greater than 27.8 for males and 27.3 for females. For adolescents, overweight is defined as BMI equal to or greater than 23.0 for males 12-14 years, 24.3 for males 15-17 years, 25.8 for males 18-19 years, 23.4 for females 12-14 years, 24.8 for females 15-17 years, and 25.7 for females 18-19 years. The values for adults are the gender-specific 85th percentile values of the 1976-80 National Health and Nutrition Examination 15-17 years, and 25.7 for females 18-19 years. The values for adults are the gender-specific 85th percentile values of the 1976-80 National Health and Nutrition Examination percentile values of the NHANES II. BMI is calculated by dividing weight in kilograms by the square of height in meters. The cut points used to define overweight approximate the 120 percent of desirable body weight definition used in the 1990 objectives.

Data Sources: Baseline data for 15.10, 15.10a, b, f and g: National Health and Nutrition Examination Survey, CDC, NCHS. Baseline data for 15.10c and 15.10 h , Hispanic Health and Nutrition Examination Survey, CDC, NCHS. Baseline data for 15.10d: Indian Health Service, Office of Planning, Evaluation, and Legislation, Program Statistics Division. Baseline data for 15.10e: National Health Interview Survey, CDC, NHIS. Updates: National Health and Nutrition Examination Survey, CDC, NCHS.

Risk Reduction Objective: Moderate physical activity
PHS Agency Assignment: National Institutes of Health


[^0]Risk Reduction Objective: Cigarette smoking
PHS Agency Assignment: National Institutes of Health

| $\begin{aligned} & 15.12 \\ & (3.4) \\ & (16.6) \end{aligned}$ | Reduce cigarette smoking to a prevalence of no more than 15 percent among people aged 18 and older. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Baseline |  |  |  |  |  |  |  | 2000 |
|  | Cigarette smoking prevalence | Year | Baseline | 1990 | 1991 | 1992. | 1993 | 1994 | 1995 | Target |
|  | People 18 and over | 1987 | 29\% | 25\% | 26\% | 27\% | 25\% | 26\% | 25\% | 15\% |
|  | Males | 1987 | 31\% | 28\% | 28\% | 29\% | 28\% | 28\% | 27\% | 15\% |
|  | Females | 1987 | 27\% | 23\% | 23\% | 25\% | 22\% | 23\% | 23\% | 15\% |
|  | Special Population Targets |  |  |  |  |  |  |  |  |  |
|  | 15.12a People with a high school education or less 20 \& over | 1987 | 34\% | 31\% | 31\% | 32\% | 30\% | 31\% | 30\% | 20\% |
|  | 15.12b Blue-collar workers 18 \& over | 1987 | 41\% | 36\% | 36\% | 36\% | 34\% | 39\% | 36\% | 20\% |
|  | 15.12c Military personnel | 1988 | 42\% | --- | --- | 35\% | --- | , | 32\% | 20\% |
|  | 15.12d Black 18 \& over | 1987 | 33\% | 26\% | 29\% | 28\% | 26\% | 27\% | 26\% | 18\% |
|  | 15.12e Hispanics 18 \& over | 1987 | 24\% | 23\% | 20\% | 21\% | 20\% | 20\% | 18\% | 15\% |
|  | 15.12f American Indian/Alaska Native 18 \& over | 1979-87 | 42-70\% | 38\% | 31\% | 40\% | 39\% | 40\% | 35\% | 20\% |
|  | 15.12g Southeast Asian males | 1984-88 | 55\% | 35\% | --- | --- | --- | --- | --- | 20\% |
|  | 15.12h Females of reproductive age( $18-44$ years) | 1987 | 29\% | 26\% | 27\% | 28\% | 26\% | 27\% | 26\% | 12\% |
|  | 15.12i Pregnant females | 1985 | 25\% | 19\% | 20\% | --- | 20\% | --- | 18\% | 10\% |
|  | 15.12j Females who use oral contraceptives | 1983 | 36\% | 26\% | --- | --- | --- | --- | 24\% | 10\% |
|  | aln 1992, definition of current changed to include some-day (intermittent) smokers. bEstimates for different tribes. <br> cVietnamese males only. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

[^1]Western Journal of Med 153:34-9. 1990. For 15.12 i , Baseline and 1990 \& 1991 updates: NHIS, 1993 update: National Health and Pregnancy Survey, NIH, NIDA. For 15.12 j , Behavioral Risk Factor Surveillance System, CDC, NCCDPHP.

Service and Protection Objective: Blood pressure screening
PHS Agency Assignment: National Institutes of Health
15.13 Increase to at least 90 percent the proportion of adults who have had their blood pressure measured within the preceding 2 years and can state whether their blood pressure was normal or high.

| Knowledge of blood pressure values (people 18 years and over) | Baseline <br> Year | Baseline | 1990 | 1991 | 1993 | 1994 | $\begin{gathered} 2000 \\ \text { Target } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| People given blood pressure values | 1985 | 61\% | 76\% | --- | --- | --- | 90\% |
| People who can state blood pressure is high low, or normal |  | --- | --- | 84\% | 85\% | 84\% | $\ldots$ |
| Special Population Targets |  |  |  |  |  |  |  |
| 15.13a Mexican American males | 1991 | 69\% |  |  | 68\% | 68\% | 90\% |

Data Source: National Heath Interview Survey, CDC, NCHS.

PHS Agency Assignment: National Institutes of Health
15.14 Increase to at least 75 percent the proportion of adults who have had their blood cholesterol checked within the preceding 5 years.

| Blood cholesterol screening (people 18 years and over) | Baseline Year | Baseline | 1990 | 1991 | 1993 | 1995 | $\begin{gathered} 2000 \\ \text { Target } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Within the preceding 5 years | 1993 | 66\% |  |  |  | --- | 75\% |
| Ever checked | 1988 | 59\% | 65\% | 63\% | 71\% | 75\% | ... |
| Within preceding 2 years | 1988 | 52\% | --- | 50\% | 54\% | --- |  |
| Special Population Targets |  |  |  |  |  |  |  |
| Ever checked |  |  |  |  |  |  |  |
| 15.14a Black | 1991 | 56\% | $\ldots$ | $\ldots$ | 68\% | --- | 75\% |
| 15.14b Mexican American | 1991 | 42\% | ... | . . | 55\% | --- | 75\% |
| 15.14c American Indian/Alaska Native | 1991 | 46\% | $\ldots$ | $\ldots$ | 60\% | --- | 75\% |
| Past two years |  |  |  |  |  |  |  |
| 15.14d Mexican American | 1991 | 33\% | $\ldots$ | $\ldots$ | 38\% | --- | 75\% |
| 15.14e American Indian/Alaskan Native | 1991 | 38\% |  |  | 50\% | --- | 75\% |
| 15.14f Asian/Pacific Islanders | 1991 | 45\% | $\ldots$ | $\cdots$ | 44\% | --- | 75\% |

[^2]
# Service and Protection Objective: Appropriate diet and/or drug therapy for high blood cholestero 

PHS Agency Assignment: National Institutes of Health
15.15 Increase to at least 75 percent the proportion of primary care providers who initiate diet and, if necessary, drug therapy at levels of blood cholesterol consistent with current management guidelines for patients with high blood cholesterol.

| Initiation of diet and drug therapy | 1986 |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: |
| for high blood cholesterol | Baseline | 1990 | 1995 | Target |
| By primary care providers | --- | --- | --- | 75\% |
| Median cholesterol level at which diet therapy is initiated ( $\mathrm{mg} / \mathrm{dL}$ ) | 240-259 | 200-219 | 200-219 |  |
| Median cholesterol level at which drug therapy is initiated ( $\mathrm{mg} / \mathrm{dL}$ ) | 300-319 | 240-259 | 240-259 |  |
| Note: Treatment recommendations at baseline are outlined in detail in the Report of the Expert Panel on the Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults, released by the National Cholesterol Education Program in 1987. Current treatment recommendations are described in the Second Report of the Expert Panel on Detection, Evaluation and Treatement of High Blood Cholesterol in Adults released in 1993. Treatment recommendations are likely to be refined over time. Thus, for the year 2000, "current" means whatever recommendation are then in effect. |  |  |  |  |

PHS Agency Assignment: National Institutes of Health

### 15.16 Increase to at least 50 percent the proportion of worksites with 50 or more employees that offer high blood pressure and/or cholesterol

 education and control activities to their employees.| Worksites with blood pressure/ cholesterol activities and education | Baseline <br> Year | Baseline | 1992 | 1995 | $\begin{aligned} & 2000 \\ & \text { Target } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| High blood pressure and/or cholesterol education and control activities | 1992 | 35\% | $\ldots$ | --- | 50\% |
| High blood pressure activity | 1985 | 16.5\% | 29\%a | --- |  |
| Nutrition education activity | 1985 | 16.8\% | 31\% | --- | $\ldots$ |
| Blood pressure screening | $\ldots$ | --- | 32\% | 16\% | $\ldots$ |
| alncluded classes, individual counseling and resource materials. |  |  |  |  |  |

Data Sources: 1985 and 1992 data: National Survey of Worksite Health Promotion Activities, OPHS, ODPHP; 1995 update: Business Responds to AIDS Benchmark Survey, CDC, NCHSTP.

Services and Protection Objective: Laboratory accuracy in cholesterol measurement

PHS Agency Assignment: National Institutes of Health
15.17 Increase to at least 90 percent the proportion of clinical laboratories that meet the recommended accuracy standard for cholesterol measurement.

| Achieving recommended accuracy | Baseline |  |  | 2000 |
| :---: | :---: | :---: | :---: | :---: |
| standard for cholesterol measurement | Year | Baseline | 1987 | Target |
| Clinical laboratories | 1985 | 53\% | 84\% | 90\% |

Data Source: Comprehensive Chemistry Survey of Laboratories Using Enzymatic Methods, College of American Pathologists.


[^0]:    Data Sources: National Heath Interview Survey, CDC, NCHS.

[^1]:    Data Sources: For 15.12, $15.12 \mathrm{a}-\mathrm{b}, \mathrm{d}, \mathrm{e}$ and h , National Health Interview Survey, CDC, NCHS; For 15.12c, Worldwide Survey of Substance Abuse and Health Behaviors Among Military Personnel, DoD, OASD.

[^2]:    1988 Baseline: Health and Diet Survey, FDA; 1990 and 1995 data are from the Cholesterol Awareness Survey, NIH, NHLBI; 1991 and 1993 data are from the National Health Interview Survey, CDC, NCHS

