

Priority Area 21: Clinical preventive services objective status

Objective	Baseline		1990	1991	1992	1993	1994	1995	1996	1997	Target	
	year	Baseline									2000	
21.1*	Years of healthy life	1990	64.0	...	63.9	63.7	63.5	63.8	63.9	64.2	---	65
	a. Black	1990	56.0	...	56.0	55.6	55.2	55.6	56.0	56.5	---	60
	b. Hispanic/1	1990	64.8	...	63.6	2/64.0	63.2	64.2	64.0	64.7	---	65
	c. People 65 years and over/3	1990	11.9	...	11.8	11.9	11.9	12.1	12.0	12.2	---	14
21.2	Receipt of recommended services											
	Children 19-35 months											
	Basic immunization series	...	---	---	---	---	---	---	---	---	---	90%
	DTP (3 or more doses)	1992	83%	...	...	...	88%	90%	95%	95%	---	...
	Polio (3 or more doses)	1992	72%	...	...	...	79%	79%	88%	91%	---	...
	Measles/Mumps/Rubella (1 dose)	1992	83%	...	...	...	84%	90%	90%	91%	---	...
	Haemophilus influenza B (3 or more doses)	1992	28%	...	...	...	55%	75%	92%	92%	---	...
	Hepatitis B (3 or more doses)	1993	16%	...	...	...	...	34%	68%	82%	---	...
	4DTP/3Polio/1MMR	1992	55%	...	...	...	67%	68%	76%	78%	---	...
	People 18 years and older											
	Routine check-up/4	1991	74%	...	...	---	78%	70%	81%	---	---	91%
	People 65 years and over	1991	67%	...	...	---	73%	62%	74%	---	---	...
	Cholesterol checked in last 5 years	1993	60%	...	...	...	...	---	---	---	---	75%
	Cholesterol ever checked	1991	63%	...	...	---	71%	---	---	---	---	...
	People with low income/5	1991	46%	...	...	---	55%	---	---	---	---	...
	Black	1991	56%	...	...	---	72%	---	---	---	---	...
	Hispanic	1991	51%	...	...	---	62%	---	---	---	---	...
	American Indian/Alaska Native	1991	46%	...	...	---	60%	---	---	---	---	...
	Cholesterol checked in last 2 years	1991	50%	...	...	---	54%	---	---	---	---	...
	People with low income/5	1991	37%	...	...	---	41%	---	---	---	---	...
	Hispanic	1991	42%	...	...	---	47%	---	---	---	---	...
	Asian/Pacific Islander	1991	45%	...	...	---	44%	---	---	---	---	...
	American Indian/Alaska Native	1991	38%	...	...	---	49%	---	---	---	---	...
	Tetanus booster in last 10 years	1991	52%	...	...	---	57%	56%	59%	---	---	62%
	People 65 years and over	1991	29%	...	...	---	34%	32%	40%	---	---	...
	Hispanic	1991	45%	...	...	---	48%	51%	51%	---	---	...
	Asian/Pacific Islander	1991	40%	...	...	---	45%	43%	40%	---	---	...
	People with disabilities	1991	47%	...	...	---	51%	52%	56%	---	---	...
	Pneumococcal vaccine in lifetime											
	(people 65 years and over)	1991	21%	...	...	---	28%	30%	34%	---	---	60%
	People with low income/5	1991	17%	...	...	---	18%	19%	25%	---	---	...
	Black	1991	14%	...	...	---	14%	15%	23%	---	---	...
	Hispanic	1991	12%	...	...	---	13%	14%	23%	---	---	...
	Asian/Pacific Islander	1991	15%	...	...	---	21%	14%	22%	---	---	...
	Influenza vaccine in last 12 months											
	(people 65 years and over)	1991	42%	...	...	---	52%	55%	58%	---	---	60%
	People with low income/5	1991	36%	...	...	---	41%	44%	46%	---	---	...
	Black	1991	27%	...	...	---	33%	39%	40%	---	---	...
	Hispanic	1991	34%	...	...	---	47%	38%	50%	---	---	...
	Asian/Pacific Islander	1991	29%	...	...	---	54%	43%	51%	---	---	...
	Pap test in last 3 years											
	(female 18 years and over)	1992	74%	...	...	...	78%	77%	---	---	---	85%
	Females 65 years and over	1992	51%	...	...	...	58%	57%	---	---	---	...
	Asian/Pacific Islander	1992	62%	...	...	...	69%	66%	---	---	---	...
	American Indian/Alaska Native	1992	64%	78%	73%	---	---	---	...
	Females with disabilities	1992	65%	69%	69%	---	---	---	...

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	year	Baseline									2000
Breast exam and mammogram in past 2 years (females 50 years and over)	1992	51%	55%	56%	---	---	---	60%
Females 65 years and over	1992	43%	...	...	...	49%	49%	---	---	---	...
Females with low income/5	1992	30%	...	...	...	39%	38%	---	---	---	...
Asian/Pacific Islander	1992	38%	...	...	...	53%	46%	---	---	---	...
American Indian/Alaska Native	1992	31%	...	...	...	38%	53%	---	---	---	...
Females with disabilities	1992	44%	...	...	...	51%	50%	---	---	---	...
Asked at least one screening question at routine check-up/6	1991	56%	...	...	---	63%	56%	---	---	---	80%
People 65 years and over	1991	42%	...	...	---	48%	38%	---	---	---	...
Asian/Pacific Islander	1991	51%	...	...	---	60%	48%	---	---	---	...
21.3 Access to primary care (percent with source of care)											
Total population (18 years and over)	1991	80%	...	...	78%	83%	84%	85%	---	---	95%
a. Hispanic	1991	63%	...	...	64%	71%	71%	74%	---	---	95%
Mexican-American	1991	57%	...	...	62%	69%	69%	72%	---	---	95%
b. Black	1991	78%	...	...	75%	79%	82%	82%	---	---	95%
c. Low-income people (family income below poverty level)	1991	71%	...	...	71%	72%	73%	76%	---	---	95%
d. American Indian/Alaska Native	1991	70%	...	...	85%	82%	81%	84%	---	---	95%
e. Asian/Pacific Islander	1991	70%	...	...	71%	74%	78%	81%	---	---	95%
21.4 Financial barriers to receipt of clinical preventive services											
Proportion of people under 65 years without health care coverage (age adjusted)/7	1989	a/15.7%	---	---	17.2%	17.3%	17.8%	15.6%	16.1%	---	0%
a. American Indian/Alaska Native	1989	a/36.1%	---	---	---	34.2%	39.0%	33.9%	33.9%	---	0%
b. Hispanic	1989	a/31.3%	---	---	34.0%	34.2%	32.9%	30.8%	31.6%	---	0%
Mexican-American	1989	a/38.1%	---	---	37.8%	39.5%	37.2%	35.4%	36.7%	---	0%
Puerto Rican	1989	a/21.4%	---	---	18.3%	21.0%	17.4%	17.8%	14.4%	---	0%
Cuban	1989	a/20.7%	---	---	20.1%	16.9%	27.4%	21.6%	17.6%	---	0%
c. Black	1989	22.0%	---	---	22.3%	23.2%	21.5%	17.9%	19.0%	---	0%
21.5 Clinical preventive services from publicly funded programs (proportion of eligible people)											
Federal programs											
Screening	1991-92	10-100%	...	...	...	---	---	---	---	---	90%
Counseling	1991-92	40-100%	...	...	...	---	---	---	---	---	90%
Immunizations	1991-92	10-100%	...	...	...	---	---	---	---	---	90%
21.6 Provision of recommended services by primary care providers											
Percent of clinicians routinely providing service to 81-100% of patients	...	---	---	---	---	---	---	---	---	---	50%
Preventive services for children:											
Hemoglobin/hematocrit											
Pediatricians	1992	78%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	77%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	52%	...	...	...	---	---	---	---	8,9/---	...
Eye exam (for strabismus and amblyopia)											
Pediatricians	1992	64%	---	---	---	---	8,9/---	...
Nurse practitioners	1992	67%	---	---	---	---	8/51%	...
Family physicians	1992	53%	---	---	---	---	8,9/---	...

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Objective	Baseline		1990	1991	1992	1993	1994	1995	1996	1997	Target 2000
	year	Baseline									
Blood pressure											
Pediatricians	1992	78%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	71%	...	...	...	---	---	---	---	8/65%	...
Family physicians	1992	42%	...	...	...	---	---	---	---	8,9/---	...
Height and weight											
Pediatricians	1992	96%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	88%	...	...	...	---	---	---	---	8/85%	...
Family physicians	1992	89%	...	...	...	---	---	---	---	8,9/---	...
DTP vaccination											
Pediatricians	1992	86%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	76%	...	...	...	---	---	---	---	8/78%	...
Family physicians	1992	89%	...	...	...	---	---	---	---	8,9/---	...
Oral polio vaccination											
Pediatricians	1992	87%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	76%	...	...	...	---	---	---	---	8/79%	...
Family physicians	1992	89%	...	...	...	---	---	---	---	8,9/---	...
Tetanus-diphtheria booster											
Pediatricians	1992	79%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	71%	...	...	...	---	---	---	---	8/72%	...
Family physicians	1992	70%	...	...	...	---	---	---	---	8,9/---	...
Hib vaccination											
Pediatricians	1992	85%	...	...	...	---	---	---	---	8,9/---	...
Nurse practitioners	1992	68%	...	...	...	---	---	---	---	8/74%	...
Family physicians	1992	74%	...	...	...	---	---	---	---	8,9/---	...
Preventive services for adults:											
Tetanus-diphtheria booster (18 years and over)											
Nurse practitioners	1992	38%	...	...	...	---	---	---	---	8/40%	...
Obstetricians/gynecologists	1992	4%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	29%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	28%	...	...	...	---	---	---	---	8,9/---	...
Influenza vaccination (65 years and over)											
Nurse practitioners	1992	42%	...	...	...	---	---	---	---	8/47%	...
Obstetricians/gynecologists	1992	6%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	49%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	31%	...	...	...	---	---	---	---	8,9/---	...
Pneumococcal vaccination (65 years and over)											
Nurse practitioners	1992	33%	...	...	...	---	---	---	---	8/43%	...
Obstetricians/gynecologists	1992	5%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	40%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	25%	...	...	...	---	---	---	---	8,9/---	...
Blood pressure											
Nurse practitioners	1992	82%	...	...	...	---	---	---	---	8/90%	...
Obstetricians/gynecologists	1992	88%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	92%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	89%	...	...	...	---	---	---	---	8,9/---	...
Cholesterol level											
Nurse practitioners	1992	45%	...	...	...	---	---	---	---	8/55%	...
Obstetricians/gynecologists	1992	36%	---	---	---	---	8,9/---	...
Internists	1992	80%	---	---	---	---	8,9/---	...
Family physicians	1992	61%	---	---	---	---	8,9/---	...

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Objective	Baseline		1990	1991	1992	1993	1994	1995	1996	1997	Target 2000
	year	Baseline									
Breast exam (by clinician)											
Nurse practitioners	1992	78%	...	...	...	---	---	---	---	8/67%	...
Obstetricians/gynecologists	1992	92%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	76%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	62%	...	...	...	---	---	---	---	8,9/---	...
Pap smear											
Nurse practitioners	1992	77%	...	...	...	---	---	---	---	8/65%	...
Obstetricians/gynecologists	1992	92%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	67%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	62%	...	...	...	---	---	---	---	8,9/---	...
Mammogram											
Nurse practitioners	1992	63%	...	...	...	---	---	---	---	8,9/---	...
Patients 40-49 years	...	---	---	---	---	---	---	---	---	8/58%	...
Patients 50 years and over	...	---	---	---	---	---	---	---	---	8/60%	...
Obstetricians/gynecologists	1992	85%	...	...	...	---	---	---	---	8,9/---	...
Internists	1992	67%	...	...	...	---	---	---	---	8,9/---	...
Family physicians	1992	53%	...	...	...	---	---	---	---	8,9/---	...
21.7 Local health department assurance of access to essential clinical preventive services											
Proportion of people served	...	---	---	---	---	---	---	---	---	---	90%
Proportion of local health departments that:											
Assess the extent to which screening, immunization, and counseling services are provided to the local population	1992-93	76%	...	...	...	...	---	---	---	---	...
Collect data to document the number of providers of clinical preventive services in their jurisdiction	1992-93	45%	...	...	...	...	---	---	---	---	...
Evaluate to determine whether a gap exists between available clinical preventive services and the need for those services	1992-93	57%	...	...	...	...	---	---	---	---	...
(Of those that assess gaps) Provide clinical preventive services to fill gaps	1992-93	83%	...	...	...	...	---	---	---	---	...
21.8 Racial/ethnic minority representation in the health professions											
Degrees awarded:											
Black	1985-86	5.0%	---	10/5.7%	11/5.7%	12/5.9%	13/5.9%	14/6.0	15/6.6	---	8.0%
Hispanic	1985-86	3.0%	---	10/4.3%	11/4.8%	12/4.8%	13/4.3%	14/4.1	15/3.8	---	6.4%
American Indian/Alaska Native	1985-86	0.3%	---	10/0.4%	11/0.5%	12/0.4%	13/0.4%	14/0.4	15/0.5	---	0.6%
a. Enrolled in schools of nursing:											
Black	11/1991-92	9.1%	...	...	...	12/8.6%	13/8.7%	14/9.0%	15/9.4	---	10.0%
Hispanic	11/1991-92	3.1%	...	...	...	12/3.0%	13/3.0%	14/3.2%	15/3.5	---	4.0%
Asian/Pacific Islander	11/1991-92	2.9%	...	...	...	12/3.2%	13/3.3%	14/3.6%	15/4.0	---	5.0%
American Indian/Alaska Native	11/1991-92	0.7%	...	...	...	12/0.6%	13/0.7%	14/0.7%	15/0.7	---	1.0%

---/Data not available.

.../Category not applicable.

1/Estimate based on preliminary data. Excludes mortality data from States lacking an Hispanic-origin item on their death certificate or for which Hispanic-origin data were not of sufficient quality. See Appendix.

2/Estimate derived from 1991-93 health status data and 1992 mortality data.

3/Years of healthy life remaining at age 65.

4/In the last 3 years for people 18-64 years and in the last year for people 65 years and over.

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Objective	Baseline year	Baseline	1990	1991	1992	1993	1994	1995	1996	1997	Target 2000
5/Data are for persons with family incomes below the Census poverty threshold.											
6/For people 18-64 years, a screening question on at least one of the following: diet, physical activity, tobacco use, alcohol use, drug use, sexually transmitted diseases, contraceptive use at a routine checkup in the last 3 years. For people 65 years and over, a screening question on at least one of: diet, physical activity, tobacco use, alcohol use at a routine checkup in the past year.											
7/Beginning with 1996 data, persons receiving public assistance other than Medicaid are considered to have health care coverage. Prior to 1996 they were considered to not have health care coverage.											
8/1997-98 data.											
9/Response rate for this group was too low to produce reliable estimates.											
10/Academic year 1990-91.											
11/Academic year 1991-92.											
12/Academic year 1992-93.											
13/Academic year 1993-94.											
14/Academic year 1994-95.											
15/Academic year 1995-96.											

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

Data sources:

Objective number	Data source
21.1*, 21.1a-c	National Vital Statistics System, CDC, NCHS; National Health Interview Survey, CDC, NCHS.
21.2	Excluding basic immunization series among children: National Health Interview Survey, CDC, NCHS. Basic immunization series among children: Baseline for children 2 years and under: United States Immunization Survey, CDC, NCHSTP. Children 19-35 months: 1991-1994 data: National Health Interview Survey, CDC, NCHS. 1995 data: National Immunization Survey, CDC, NIP.
21.3, 21.3a-e	National Health Interview Survey, CDC, NCHS.
21.4, 21.4a-c	National Health Interview Survey, CDC, NCHS.
21.5	For Community/Migrant Health Centers: Bureau of Primary Health Care Survey, HRSA, OPEL. For other publicly funded programs: Survey of Federal Programs, HRSA, OPEL.
21.6	Baseline: Primary Care Providers Survey, OPHS, ODPHP. Update: Prevention in Primary Care Study, American College of Preventive Medicine.
21.7	National Profile of Local Health Departments, National Association of County and City Health Officials.
21.8	Minorities and Women in the Health Fields, HRSA, BHP.
21.8a	National League for Nursing, Nursing Data Source.

*Duplicate objective. See full text of objective following this table.