Priority Area 21 Clinical Preventive Services

Health Status Objective: Years of healthy life

Rev.- 12/15/98

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.1 Increase years of healthy life to at least 65 years.

(8.1)

(17.1)

	Years of Healthy Life (years)	Baseline <u>Year</u>	<u>Baseline</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	2000 Target
I	Total population	1990	64.0	63.9	63.7	63.5	63.8	63.9	64.2	65
I	Special Population Targets									
I	21.1a Black	1990	56.0	56.0	55.6	55.2	55.6	56.0	56.5	60
I	21.1b Hispanic •ua•	1990	64.8	63.6 64	4.0•ub•	63.2	64.2	64.0	64.7	65
ı	21.1c People 65 years and over •uc•	1990	11.9	11.8	11.9	11.9	12.1	12.0	12.2	14

Note: Years of healthy life (also referred to as quality-adjusted life years) is a summary measure of health that combines mortality (quantity of life) and morbidity and disability (quality of life) into a single measure.

Data Sources:

National Health Interview Survey, CDC, NCHS; National Vital Statistics System, CDC, NCHS.

[•]ua• Estimate based on preliminary data. Excludes mortality data from States lacking an Hispanic-origin item on their death certificate

or for which Hispanic data were not of sufficient quality.

[•]ub• Estimate derived from 1991-93 health status data and 1992 mortality data.

[•]uc• Years of healthy life remaining at age 65.

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.2 Increase the proportion of people who have received selected clinical preventive screening and immunization services and at least one of the counseling services appropriate for their age and gender as recommended of by the U.S. Preventive Services Task Force.

	Baseline <u>Year</u>	<u>Baseline</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	
Receipt of Recommended Services								
Children 19-35 months:								
Basic immunization series								
Diphtheria-tetanus-pertussis (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%	
4 DTP/3 Polio/ 1MMR	1992	55%		67%	68%	76%	78%	
Adulto 10 years and ever								
Adults 18 years and over Routine Check-up•ua•	1991	74%		78%	70%	81%		
Adults 65 years and over	1991	67%		73%	62%	74%		
Addition of years and over	1991	01 /0		1370	02 /0	1 7 /0		
Cholesterol checked in last 5 years	1993	60%						
Cholesterol ever checked	1991	63%		71%				
People with low-income•ub•	1991	46%		55%				
Black	1991	56%		72%				
Hispanic	1991	51%		62%				
American Indian/Alaska Native	1991	46%		60%				
Cholesterol checked in last two years	1991	50%		54%				
People with low-income•ub•	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%		
Adults 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%		
People with low-income•ub•	1991	21% 17%		28% 18%	30% 19%	34% 25%		
	1991	14%		18%				
Black		14% 12%			15%	23% 23%		
Hispanic	1991	12% 15%		13% 21%	14% 14%	23% 22%		

Table continued on next page.

Risk Reduction Objective: Receipt of recommended services

	Baseline	Deselles	1002	1001	4005	1000	
Left and a second of the least 40 and the	<u>Year</u>	<u>Baseline</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	
Influenza vaccine in last 12 months	1001	100/	500/	===/	500/		
(People 65 years and over)	1991	42%	52%	55%	58%		
People with low-income•ub•	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 (females 18 years and c	over) 1992	74%	78%	77%			
Females 65 years and over	1992	51%	58%	57%			
Asian/Pacific Islander	1992	62%	69%	66%			
American Indian/Alaska Native	1992	64%	78%	73%			
People with disabilities	1992	65%	69%	69%			
Breast exam and mammogram in past 2 years							
	1992	51%	55%	56%			
(leffiales 50 years and over)							
(females 50 years and over) Females 65 years and over	1992	43%	49%	49%			
Females 65 years and over Females with low-income•ub•	1992 1992	43% 30%	49% 39%	49% 38%			
Females 65 years and over							
Females 65 years and over Females with low-income•ub•	1992	30%	39%	38%			
Females 65 years and over Females with low-income•ub• Asian/Pacific Islander	1992 1992	30% 38%	39% 53%	38% 46%			
Females 65 years and over Females with low-income•ub• Asian/Pacific Islander American Indian/Alaska Native People with disabilities	1992 1992 1992 1992	30% 38% 31%	39% 53% 38%	38% 46% 53%			
Females 65 years and over Females with low-income•ub• Asian/Pacific Islander American Indian/Alaska Native People with disabilities Asked at least one screening question at routine	1992 1992 1992 1992	30% 38% 31%	39% 53% 38%	38% 46% 53%			
Females 65 years and over Females with low-income•ub• Asian/Pacific Islander American Indian/Alaska Native People with disabilities	1992 1992 1992 1992	30% 38% 31% 44%	39% 53% 38% 51%	38% 46% 53% 50%			

Data Sources:

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.

Services and Protection Objective: Access to primary care

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.3 Increase to at least 95 percent the proportion of people who have a specific source of ongoing primary care for coordination of their prevention and episodic health care.

1991 1991 1991	80% 63% 57%	78% 64% 62%	83% 71%	71%	85% 7 4%	95% 95%
1991						
1991						
	57%	62%	600/			
		UZ /0	69%	69%	72%	95%
1991	78%	75%	79%	82%	82%	95%
1991	71%	71%	72%	73%	76%	95%
1991	70%	85%	82%	81%	84%	95%
1991	70%	71%	74%	78%	81%	95%
1991	70%	71%	74%	78%	81%	
/ care						
	1991	1991 70% 1991 70%	1991 70% 85% 1991 70% 71%	1991 70% 85% 82% 1991 70% 71% 74%	1991 70% 85% 82% 81% 1991 70% 71% 74% 78%	1991 70% 85% 82% 81% 84% 1991 70% 71% 74% 78% 81%

Data Source:

National Health Interview Survey, CDC, NCHS.

Services and Protection Objective: Financial barriers to receipt of services

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.4 Improve financing and delivery of clinical preventive services so that virtually no American has a financial barrier to receiving, at a minimum, the screening, counseling, and immunization services recommended by the U.S. Preventive Services Task Force.

Financial barriers to receiving clinical preventive services	<u>Year</u>	<u>Baseline</u>	<u>1992•ua•</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996•ub•</u>	
Proportion of people under 65 years								
without health care coverage (age-adjusted)	1989	15.7%	17.2%	17.3%	17.8%	15.6%	16.1%	
21.4a American Indian/Alaska Native	1989	36.1%		34.2%	39.0%	33.9%	33.9%	
21.4b Hispanic	1989	31.3%	34.0%	34.2%	32.9%	30.8%	31.6%	
Mexican-American	1989	38.1%	37.8%	39.5%	37.2%	35.4%	36.7%	
Puerto Rican	1989	21.4%	18.3%	21.0%	17.4%	17.8%	14.4%	
Cuban	1989	20.7%	20.1%	16.9%	27.4%	21.6%	17.6%	
21.4c Black	1989	22.0%	22.3%	23.2%	21.5%	17.9%	19.0%	

Data Source:

National Health Interview Survey, CDC, NCHS.

[•]ub•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.

Services and Protection Objective: Clinical preventive services from publicly funded programs

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.5 Assure that at least 90 percent of people for whom primary care services are provided directly by publicly funded programs are offered, at a minimum, the screening counseling, and immunization services recommended by the U.S. Preventive Services Task Force.

Proportion of clients of publicly funded programs who are offered clinical preventive services	Baseline <u>Year</u>	Baseline	2000 Targe
Indian Health Service			
Screening	1991-1992	62%	90%
Counseling	1991-1992	40%	90%
Immunizations	1991-1992	82%	90%
Department of Veteran Affairs			
Screening	1991-1992	40%	90%
Counseling	1991-1992	40%	90%
Immunizations	1991-1992	35%	90%
Head Start			
Screening	1991-1992	97%	90%
Counseling			90%
Immunizations	1991-1992	96%	90%
Office of Population Affairs			
Family Planning (Title X)			
Screening	1991-1992	100%	90%
Counseling	1991-1992	100%	90%
Immunizations	1991-1992	100%	90%
Adolescent Family Life			
Screening	1991-1992	10%	90%
Counseling	1991-1992	100%	90%
Immunizations	1991-1992	10%	90%
Summary			
Screening	1991-1992	10 - 100%	90%
Counseling	1991-1992	40 - 100%	90%
Immunizations	1991-1992	10 - 100%	90%

Data Sources: Bureau of Primary Health Care Survey, HRSA, OPEL. Survey of Federal Programs, HRSA, OPEL.

Services and Protection Objective: Provision of recommended services by clinicians

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.6 Increase to at least 50 percent the proportion of primary care providers who provide their patients with the screening, counseling and immunization services recommended by the U.S. Preventive Task Force.

Proportion of primary care providers who offer recommended services to 81-100% of patients	Baseline <u>Year</u>	<u>Baseline</u>	1997-98	2000 <u>Targe</u>
Primary care providers				50%
Preventive services for children:				
Hemoglobin/hematocrit				
Pediatricians	1992	78%		
Nurses	1992	77%		
Family physicians	1992	52%		
Eye exam (for strabismus and amblyopia)				
Pediatricians	1992	64%		
Nurses	1992	67%	51%	
Family physicians	1992	53%		
Blood pressure				
Pediatricians	1992	78%		
Nurse practitioners	1992	71%	65%	
Family physicians	1992	42%		
Height and weight				
Pediatricians	1992	96%		
Nurse practitioners	1992	88%	85%	
Family physicians	1992	89%		
DTP vaccination				
Pediatricians	1992	86%		
Nurse practitioners	1992	76%	78%	
Family physicians	1992	89%		
Oral polio vaccination				
Pediatricians	1992	87%		
Nurse practitioners	1992	76%	79%	
Family physicians	1992	89%		
Tetanus-diphtheria booster	1002	0370		-
Pediatricians	1992	79%		
Nurse practitioners	1992	71%	72%	•
Family physicians	1992	70%	12/0	•
Hib vaccination	1332	1070		-
Pediatricians	1992	85%		
Nurse practitioners	1992	68%	74%	• •
Family physicians	1992	74%	7470	• •
i aitilly physicians	1992	I + 70		
Preventive services for adults				
Tetanus-dephtheria booster (18+)				
Nurse practitioners	1992	38%	40%	
Obstetrician/Gynecologists	1992	4%		
Internists	1992	29%		
Family physicians	1992	28%		

Table is continued on the next page.

Services and Protection Objective: Provision of recommended services by clinicians (cont'd)

ntinued	Baseline			
Preventive services for adults	Year	<u>Baseline</u>	1997-98	<u>Ta</u>
1.(1				
Influenza vaccination (65+)	4000	400/	470/	
Nurse practitioners	1992	42%	47%	
Obstetrician/Gynecologists	1992	6%		
Internists	1992	49%		
Family physicians	1992	31%		
Pneumococcal vaccination (65+)				
Nurse practitioners	1992	33%	43%	
Obstetrician/Gynecologists	1992	5%		
Internists	1992	40%		
Family physicians	1992	25%		
Blood pressure				
Nurse practitioners	1992	82%	90%	
Obstetrician/Gynecologists	1992	88%		
Internists	1992	92%		
Family physicians	1992	89%		
Cholesterol level				
Nurse practitioners	1992	45%	55%	
Obstetrician/Gynecologists	1992	36%		
Internists	1992	80%		
Family physicians	1992	61%		
Breast exam (by clinician)				
Nurse practitioners	1992	78%	67%	
Obstetrician/Gynecologists	1992	92%		
Internists	1992	76%		
Family physicians	1992	62%		
Pap smear				
Nurse practitioners	1992	77%	65%	
Obstetrician/Gynecologists	1992	92%		
Internists	1992	67%		
Family physicians	1992	62%		
<u>Mammogram</u>				
Nurse practitioners	1992	63%		
Patients 40-49 years			58%	
Patients 50 years and over			60%	
Obstetrician/Gynecologists	1992	85%		
Internists	1992	67%		
Family physicians	1992	53%		
Note: Response rates to the Primary Care Providers Survey			itioners 70%.	
Obstetrician/Gynecologists 71% and Pediatricians 80%.		,a.co pra	· · · · · · · · · · · · · · · · · · ·	
Response rates to the National Prevention in Primary Care S	udy were Family physicians 28%,	Internists 20%, Nurse	practitioners 70%.	

Data Source:

Baseline: Primary Care Providers Survey, OPHS, ODPHP. Update: Prevention in Primary Care Study, American College of Preventive Medicine.

Services and Protection Objective: Local health department assurance of access to clinical preventive services

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.7 Increase to at least 90 percent the proportion of people who are served by a local health department that assesses and assures access to essential clinical preventive services.

Public health department assurance of access	Baseline <u>Year</u>	Baseline		2000 Target
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		76%		
By population of jurisdiction:				
0 to 24,999	1992-93	74%		
25,000 to 49,999	1992-93	77%		
50,000 to 99,999	1992-93	81%		
100,000 to 499,999	1992-93	76%		• • •
	1992-93	80%		
500,000+	1992-93	80%		
2. Collect data to document the number of providers of cl	r 1992-93	45%		
preventive services in their jurisdictions				
By population of jurisdiction:				
0 to 24,999	1992-93	41%		
25,000 to 49,999	1992-93	49%		
50,000 to 99,999	1992-93	51%		
100,000 to 499,999	1992-93	48%		• • •
500,000+	1992-93	41%		
Evaluate to determine whether a gap exists between a preventive services and a need for those services in		al 57%		
By population of jurisdiction:				
0 to 24,999	1992-93	50%		
	1992-93	57%		
25,000 to 49,999		66%		
50,000 to 99,999	1992-93			
100,000 to 499,999	1992-93	66%		
500,000+	1992-93	67%		
4. (Of those that assess gaps) Provide clinical preventive	1992-93	83%		
programs to fill gaps				
By population of jurisdiction:				
0 to 24,999	1992-93	84%		
25,000 to 49,999	1992-93	79%		
50,000 to 99,999	1992-93	85%		• • •
100,000 to 499,999	1992-93	85%		
				• • •
500,000+	1992-93	88%		
Note: Local health department refers to any local component of the public hea	Ith evetem define	d ac an administration	and service unit of local or State	
government concerned with health and carrying some responsibility for the hea				
garantees and control of the first and control of the first				

National Profile of Local Health Departments, National Association of County and City Health Officials.

PHS Agency Assignment: Health Resources and Services Administration, Centers for Disease Control and Prevention

21.8 Increase the proportion of all degrees in the health professions and allied and associated health profession fields awarded to members of under-represented racial and ethnic minority groups as follows:

Health profession	Baseline <u>Year</u>	<u>Baseline</u>	Academic Year 1990-91	Academic Year 1991-92	Academic Year 1992-93	Academic Year 1993-94	Academic Year 1994-95	Academic <u>5Year 1995-96</u>	2000 <u>Targ</u>
Degrees Awarded:									
Black	1985-86	5.0%	5.7%	5.7%	5.9%	5.9%	6.0%	6.6%	8.0%
Hispanic	1985-86	3.0%	4.3%	4.8%	4.8%	4.3%	4.1%	3.8%	6.4%
American Indian/Alaska Native	1985-86	0.3%	0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.6%
21.8a Enrolled in schools of nursing •ua•									
Black	1991-92	9.1%	[10.4%]		8.6%	8.7%	9.0%	9.4%	10%
Hispanic	1991-92	3.1%	[3.0%]		3.0%	3.0%	3.2%	3.5%	4%
Asian/Pacific Islander	1991-92	2.9%	[3.0%]		3.2%	3.3%	3.6%	4.0%	5%
American Indian/Alaska Native	1991-92	0.7%	[0.8%]		0.6%	0.7%	0.7%	0.7%	1%

thus minority data for 1992-93 and later years may not be comparable with data from previous years.

Note: Underrepresented minorities are those groups consistently below parity in most health profession schools-- Blacks, Hispanics, and American Indians and Alaska Natives.

Data Sources:

Minorities and Women in the Health Fields, Health Resources and Services Administration, Bureau of Health Professions, Disadvantaged Assistance Division. National League for Nursing, Nursing Data Source.