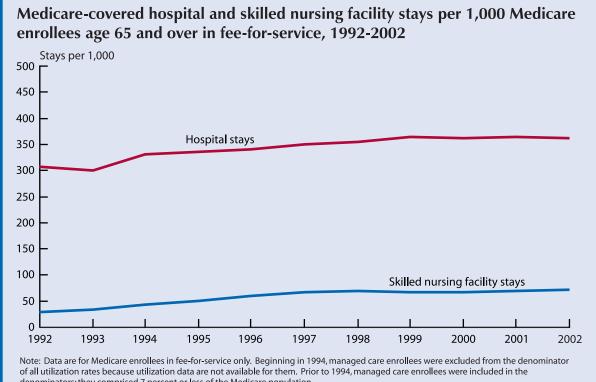
Health Care

Indicator 28: Use of Health Care Services (updated) Indicator 29: Health Care Expenditures (updated) Indicator 30: Prescription Drugs (updated) Indicator 31: Sources of Health Insurance (updated) Indicator 32: Out-of-Pocket Health Care Expenditures (updated) Indicator 33: Sources of Payment for Health Care Services (updated) Indicator 34: Veterans' Health Care (updated) Indicator 35: Nursing Home Utilization Indicator 36: Residential Services (updated) Indicator 37: Caregiving and Assistive Device Use

Use of Health Care Services

Most older Americans have health insurance through Medicare. Medicare covers a variety of services, including inpatient hospital care, physician services, hospital outpatient care, home health care, skilled nursing facility care, hospice services, and (beginning in January 2006) prescription drugs. Utilization rates for many services change over time because of changes in physician practice patterns, medical technology, Medicare payment amounts, and patient demographics.



denominators; they comprised 7 percent or less of the Medicare population.

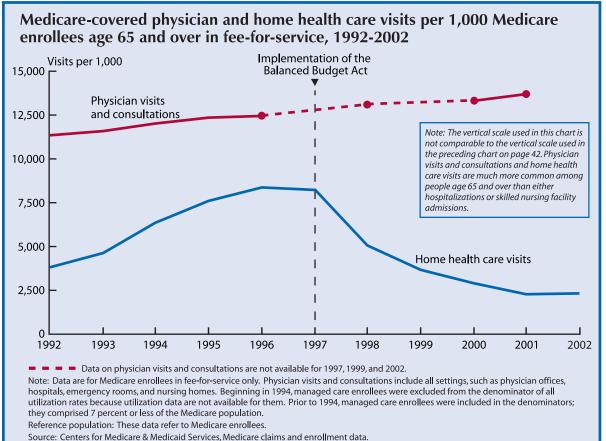
Reference population: These data refer to Medicare enrollees.

Source: Centers for Medicare & Medicaid Services, Medicare claims and enrollment data

Additional information for this indicator can be found at www.agingstats.gov.

Use of Medicare-covered health care services by Medicare enrollees age 65 and over in
Fee-For-Service, 1992-2002

Utilization measure	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
					Rate per	r thousar	nd				
Hospital stays	306	300	331	336	341	351	354	365	361	364	361
Skilled nursing facility stays	28	33	43	50	59	67	69	67	67	69	72



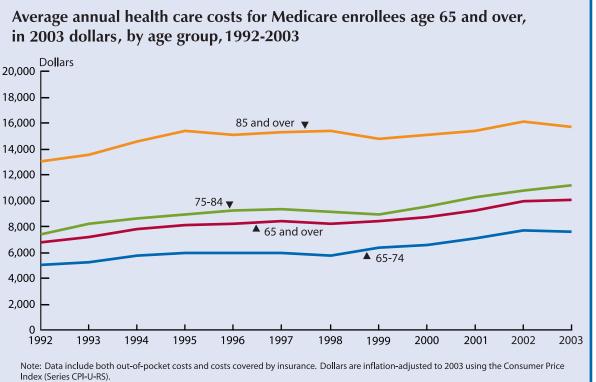
Additional information for this indicator can be found at www.agingstats.gov.

Use of Medicare Fee-For-Service			th care	e servic	es by N	ledica	re enro	llees a	nge 65 a	and ov	er in
Utilization measure	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
				Rat	te per tho	usand					
Physician visits Home health care	11,359	11,600	12,045	12,372	12,478	na	13,061	na	13,346	13,685	na
visits	3,822	4,648	6,352	7,608	8,376	8,227	5,058	3,708	2,913	2,295	2,358
na Data not available.											

Health Care

Health Care Expenditures

Older Americans use more health care than any other age group. Health care costs are increasing rapidly at the same time the Baby Boom generation is approaching retirement age.



Reference population: These data refer to Medicare enrollees.

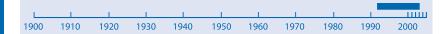
Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

Additional information for this indicator can be found at www.agingstats.gov.

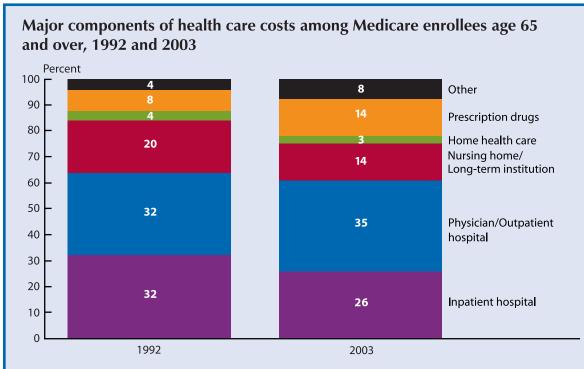
Average annual health care costs for Medicare enrollees age 65 and over, in 2003 dollars, by age group, 1992-2003

Age group	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						Dollars	;					
65 and over	\$ 8,417 \$	\$ 9,020 \$	5 9,723	\$10,171	\$10,284	\$10,514	\$10,262	\$10,547	\$10,949	\$11,555	\$12,402	\$12,510
65-74	6,264	6,543	7,184	7,401	7,444	7,428	7,179	8,007	8,153	8,785	9,559	9,473
75-84	9,211	10,310	10,769	11,130	11,576	11,679	11,416	11,184	11,935	12,848	13,468	13,981
85 and over	16,281	16,874	18,221	19,238	18,830	19,049	19,172	18,522	18,877	19,277	20,104	19,658
Note: Dollars ar	ro inflation	adjusted	to 2003	ucing the (oncumor	Prico Indo						

Note: Dollars are inflation-adjusted to 2003 using the Consumer Price Index (Series CPI-U-RS).



Health care costs can be broken down into different types of goods and services. The amount of money older Americans spend on health care and the type of health care that they receive provide an indication of the health status and needs of older Americans in different age and income groups.



Note: Data include both out-of-pocket costs and costs covered by insurance. "Other" includes short-term institutions, hospice services, and dental care.

Reference population: These data refer to Medicare enrollees.

Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

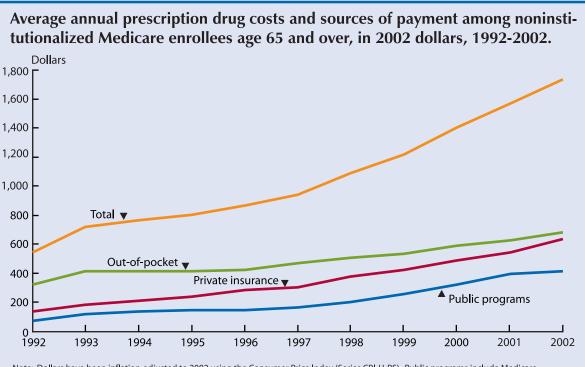
Additional information for this indicator can be found at www.agingstats.gov.

Major components of health care costs among Medicare enrollees age 65 and over, 1992 and 2003

	1992	2003			
Cost component	Average cost in dollars	Percent	Average cost in dollars	Percent	
Total	\$6,551	100	\$12,510	100	
Inpatient hospital	2,107	32	3,239	26	
Physician/Outpatient hospital	2,071	32	4,368	35	
Nursing home/Long-term institution	1,325	20	1,797	14	
Home health care	244	4	340	3	
Prescription drugs	522	8	1,807	14	
Other (Short-term institution/Hospice/Denta	al) 282	4	959	8	

Prescription Drugs

Prescription drug costs have increased rapidly in recent years, as more new drugs have become available. Lack of prescription drug coverage has created a financial hardship for many older Americans. Medicare coverage of prescription drugs began in January 2006, including a low income subsidy.



Note: Dollars have been inflation-adjusted to 2002 using the Consumer Price Index (Series CPI-U-RS). Public programs include Medicare, Medicaid, Department of Veterans Affairs, and other State and Federal programs. Reference population: These data refer to Medicare enrollees.

Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

Additional information for this indicator can be found at www.agingstats.gov.

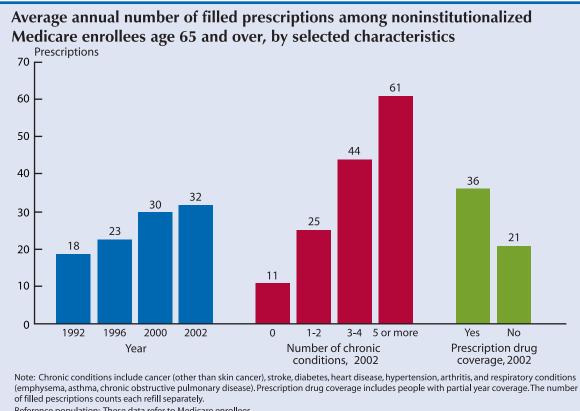
Average annual prescription drug costs and sources of payment among noninstitutionalized Medicare enrollees age 65 and over, in 2002 dollars, 1992-2002

Payment source	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
					Ave	rage cos	t in dolla	rs			
Total	\$542	\$719	\$764	\$801	\$864	\$944	\$1,092	\$1,222	\$1,399	\$1,568	\$1,740
Out-of-pocket	326	418	415	420	429	467	505	537	587	627	686
Private insurance	138	181	210	236	287	308	382	427	487	545	634
Public programs	78	121	139	144	148	169	205	257	325	396	419
Note: Dollars have been in	flation-adju	isted to 20	02 using	the Consu	mor Prico	Inday (Sari		5)			

Note: Dollars have been inflation-adjusted to 2002 using the Consumer Price Index (Series CPI-U-RS)

INDICATOR 30 Prescription Drugs continued

Use of prescription drugs varies significantly by individual characteristics, including whether the person has prescription drug coverage. Those with multiple chronic conditions tend to be especially heavy users of prescription drugs.



Reference population: These data refer to Medicare enrollees.

Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

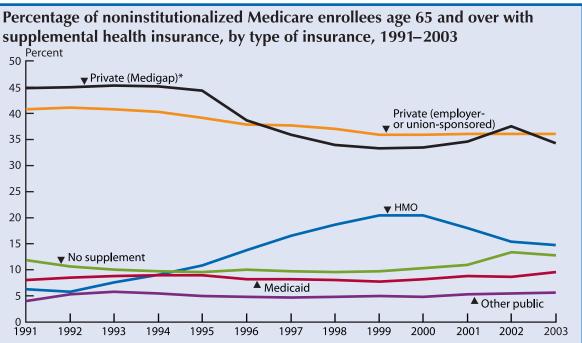
Additional information for this indicator can be found at www.agingstats.gov.

Average annual number of filled prescriptions among noninstitutionalized Medicare enrollees age 65 and over, by selected characteristics

Selected characteristic	Average number of filled prescriptions
Year	
1992	18.4
1996	22.5
2000	29.7
2002	32.1
Number of chronic conditions (2002)	
0	10.9
1-2	24.6
3-4	44.0
5 or more	60.6
Prescription drug coverage (2002)	
Yes	35.5
No	21.1

Sources of Health Insurance

Nearly all older Americans have Medicare as their primary source of health insurance coverage. Medicare covers mostly acute care services and requires beneficiaries to pay part of the cost, leaving about half of health spending to be covered by other sources. Many beneficiaries have supplemental insurance to fill these gaps and to obtain services not covered by Medicare. Beginning in January 2006, beneficiaries have had the option of receiving prescription drug coverage through stand-alone prescription drug plans or through some Medicare Advantage health plans.



^{*} Includes people with private supplement of unknown sponsorship.

Note: Estimates are based on enrollees' insurance status in the fall of each year. Categories are not mutually exclusive (i.e., individuals may have more than one supplemental policy). Chart excludes enrollees whose primary insurance is not Medicare (approximately 1 percent of enrollees). Starting with 1999 data, the methods to measure Medicaid eligibility differ from what was used in *Older Americans 2004*. Buy-in data obtained from administrative data are no longer used to define Medicaid eligibility in order to obtain a consistent measure for the entire time series. This change also affects the measurement of "no supplement."

Reference population: These data refer to Medicare enrollees.

Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

Additional information for this indicator can be found at www.agingstats.gov.

Percentage of noninstitutionalized Medicare enrollees age 65 and over with supplemental health insurance, by type of insurance, 1991–2003

Type of insurance	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						Pei	rcent						
Private (employer- or union-sponsored)	40.7	41.0	40.8	40.3	39.1	37.8	37.6	37.0	35.8	35.9	36.0	261	36.1
· · · · ·	44.8	45.0	45.3	45.2	44.3	38.6	35.8	33.9	33.2	33.5		37.5	
Private (Medigap)* HMO			45.5										
	6.3	5.9	7.7	9.1	10.9	13.8	16.6	18.6	20.5	20.4	18.0		
Medicaid	8.0	8.5	8.8	8.9	9.0	8.2	8.2	8.0	7.8	8.2	8.8	8.7	9.6
Other public	4.0	5.3	5.8	5.5	5.0	4.8	4.7	4.8	5.1	4.9	5.4	5.5	5.7
No supplement	11.9	10.7	10.0	9.8	9.6	10.0	9.8	9.6	9.8	10.4	10.9	13.3	12.7

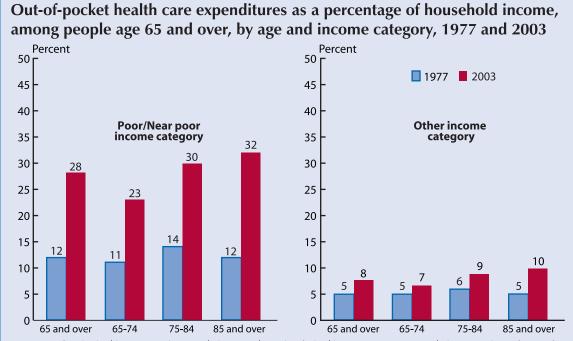
* Includes people with private supplement of unknown sponsorship.

Note: Estimates are based on enrollees' insurance status in the fall of each year. Categories are not mutually exclusive (i.e., individuals may have more than one supplemental policy). Table excludes enrollees whose primary insurance is not Medicare (approximately 1 percent of enrollees). Starting with 1999 data, the methods to measure Medicaid eligibility differ from what was used in *Older Americans 2004*. Buy-in data obtained from administrative data are no longer used to define Medicaid eligibility in order to obtain a consistent measure for the entire time series. This change also affects the measurement of "no supplement."

1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000

Out-of-Pocket Health Care Expenditures

Large out-of-pocket expenditures for health care service use have been shown to encumber access to care, affect health status and quality of life, and leave insufficient resources for other necessities.^{29,30} The percentage of household income that is allocated to health care expenditures is a measure of health care expense burden placed on older people.



Note: Out-of-pocket health care expenditures exclude personal spending for health insurance premiums. Including expenditures for out-ofpocket premiums in the estimates of out-of-pocket spending would increase the percentage of household income spent on health care in all years. People are classified into the "poor/near poor" income category if their household income is below 125 percent of the poverty level; otherwise, people are classified into the "other" income category. The poverty level is calculated according to the U.S. Census Bureau guidelines for the corresponding year.

The ratio of a person's out-of-pocket expenditures to their household income was calculated based on the person's per capita household income. For people whose ratio of out-of-pocket expenditures to income exceeded 100 percent, the ratio was capped at 100 percent. For people with outof-pocket expenditures and with zero income (or negative income) the ratio was set at 100 percent. For people with no out-of-pocket expenditures the ratio was set to zero. These methods differ from what was used in *Older Americans 2004*, which excluded persons with no out-of-pocket expenditures from the calculations (17 percent of the population age 65 and over in 1977, and 5 percent of the population age 65 and over in 2003). Reference population: These data refer to the civilian noninstitutionalized population.

Source: Agency for Healthcare Research and Quality, Medical Expenditure Panel Survey (MEPS) and MEPS predecessor surveys.

Additional information for this indicator can be found at www.agingstats.gov.

Out-of-pocket health care expenditures as a percentage of household income, among people age 65 and over, by age and income category, 1977, 1987, and 2003

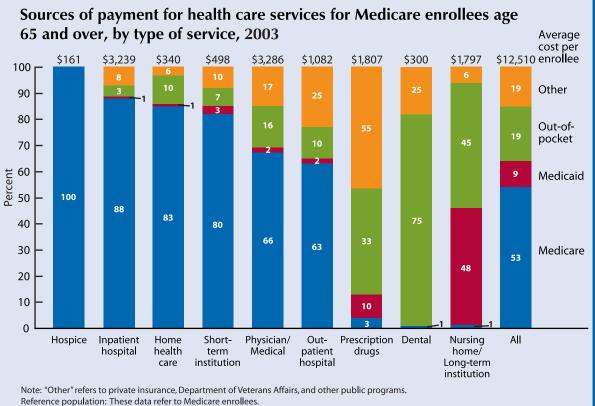
Selected characteristic	1977	1987	2003	Selected characteristic	1977	1 9 87	2003
		Percen	t			Percen	t
Income category				Income category			
Poor/Near poor				Other			
65 and over	12.3	15.8	27.8	65 and over	5.4	7.0	8.0
65–74	11.0	13.7	23.4	65–74	5.0	5.9	6.9
75–84	14.4	19.0	30.2	75–84	6.2	8.4	9.1
85 and over	12.4	14.7	32.4	85 and over	5.2	10.9	10.3

Note: Data from the 1987 survey have been adjusted to permit comparability across years; for details see Zuvekas and Cohen.³¹ For details on additional methods see note under chart.

He	
ealth	
Care	

Sources of Payment for Health Care Services

Medicare covers about half of the health care costs of older Americans. Medicare's payments are focused on acute care services such as hospitals and physicians. Nursing home care, prescription drugs, and dental care have been primarily financed by other payers. Medicare coverage of prescription drugs began in January 2006, including a low income subsidy.



Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

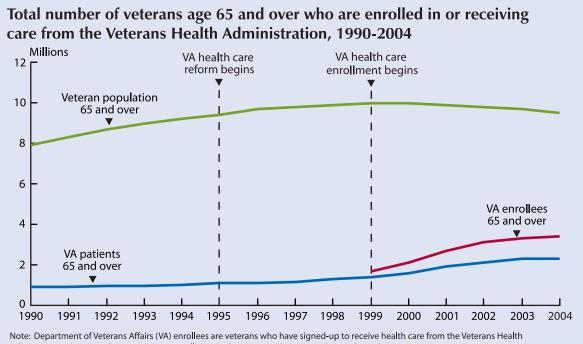
Additional information for this indicator can be found at www.agingstats.gov.

Sources of payment for health care services for Medicare enrollees age 65 and over, by type of service, 2003

Service	Average cost per enrollee	Total	Medicare	Medicaid	OOP	Other
	Dollars			Percent		
Hospice	\$ 161	100	100	0	0	0
Inpatient hospital	3,239	100	88	1	3	8
Home health care	340	100	83	1	10	6
Short-term institution	498	100	80	3	7	10
Physician/Medical	3,286	100	66	2	16	17
Outpatient hospital	1,082	100	63	2	10	25
Prescription drugs	1,807	100	3	10	33	55
Dental	300	100	1	0	75	25
Nursing home/Long-term institution	1,797	100	1	48	45	6
All	12,510	100	53	9	19	19

Veterans' Health Care

The number of veterans age 65 and over who receive health care from the Veterans Health Administration (VHA), within the Department of Veterans Affairs, has been steadily increasing. This increase may be because VHA fills important gaps in older veterans' health care needs not currently covered or fully covered by Medicare, such as prescription drug benefits, mental health services, long-term care (nursing home and community-based care), and specialized care for the disabled.



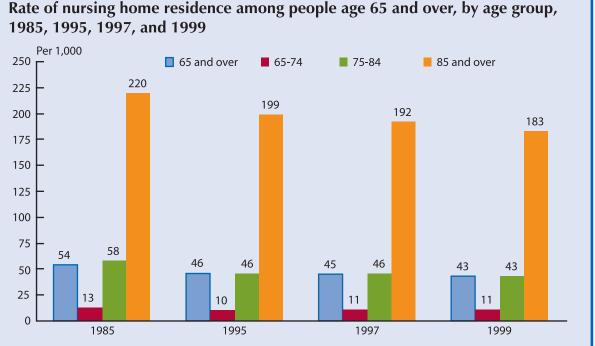
Note: Department of Veterans Affairs (VA) enrollees are veterans who have signed-up to receive health care from the Veterans Health Administration (VHA), and VA patients are enrollees who have received care in each year through VHA. Reference population: These data refer to the total veteran population, VHA enrollment population, and VHA patient population. Source: Department of Veterans Affairs, Office of the Actuary, Vet Pop 2001 adjusted by Census 2000 (February 2003) and Vet Pop 2004 (January 2005); and VHA Enrollment and Patient Files.

Additional information for this indicator can be found at www.agingstats.gov.

Total number of veterans age 65 and over who are enrolled in or receiving health care from the Veterans Health Administration, 1990-2004										e					
Veteran population	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	Number in millions														
Total	7.9	8.3	8.7	9.0	9.2	9.4	9.7	9.8	9.9	10.0	10.0	9.9	9.8	9.7	9.5
VA enrollees	na	na	na	na	na	na	na	na	na	1.7	2.1	2.7	3.1	3.3	3.4
VA patients	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.3	1.4	1.6	1.9	2.1	2.3	2.3
na Data not avai	ilable.														

Nursing Home Utilization

Residence in a nursing home is an alternative to long-term care provided in one's home or in other community settings. Recent declines in rates of nursing home residence may reflect broader changes in the health care system affecting older Americans. Other forms of residential care and services, such as assisted living and home health care, have become more prevalent as rates of nursing home admissions have declined.



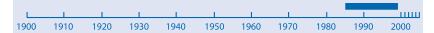
Note: Beginning in 1997, population figures are adjusted for net underenumeration using the 1990 National Population Adjustment Matrix from the U.S. Census Bureau. People residing in personal care or domiciliary care homes are excluded from the numerator. Reference population: These data refer to the resident population.

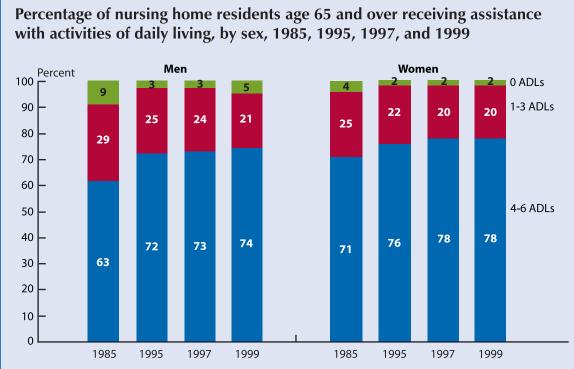
Source: Centers for Disease Control and Prevention, National Center for Health Statistics, National Nursing Home Survey.

Additional information for this indicator can be found at www.agingstats.gov.

Rate of nursing home residence among people age 65 and over, by age group, 1985, 1995, 1997, and 1999 (Last updated in Older Americans 2004)

1985	1995	1997	1999
	Rate per t	thousand	
54.0	45.9	45.3	43.3
12.5	10.1	10.8	10.8
57.7	45.9	45.5	43.0
220.3	198.6	192.0	182.5
	54.0 12.5 57.7	Rate per t 54.0 45.9 12.5 10.1 57.7 45.9	Rate per thousand 54.0 45.9 45.3 12.5 10.1 10.8 57.7 45.9 45.5





Note: The six activities of daily living (ADLs) included are bathing, dressing, eating, walking, toileting, and transferring in and out of bed or chairs. The resident's receipt of assistance with these activities refers to personal help received from facility staff at the time of the survey (for current residents) or the last time care was provided (for discharges). Help that a resident may receive from people who are not staff of the facility (e.g., family members, friends, or individuals employed directly by the patient and not by the facility) is not included.

Reference population: These data refer to the population residing in nursing homes. People residing in personal care or domiciliary care homes are excluded.

Source: Centers for Disease Control and Prevention, National Center for Health Statistics, National Nursing Home Survey.

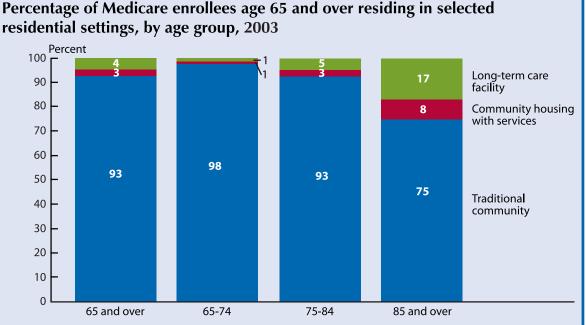
Additional information for this indicator can be found at www.agingstats.gov.

Percentage of nursing home residents age 65 and over receiving assistance with activities of daily living, by sex, 1985, 1995, 1997, and 1999 (Last updated in *Older Americans 2004*)

Selected characteristic	1985	1995	1997	1999
		Pero	ent	
Total receiving assistance with 0 ADLs	5.0	2.2	2.2	3.0
Men	8.8	3.2	3.4	5.0
Women	3.8	1.9	1.8	2.4
Total receiving assistance with 1-3 ADLs	26.2	22.5	21.3	19.8
Men	28.8	25.0	23.8	20.7
Women	25.3	21.7	20.4	19.6
Total receiving assistance with 4-6 ADLs	68.8	75.3	76.6	77.2
Men	62.5	71.8	72.8	74.4
Women	70.9	76.4	77.8	78.1

Residential Services

Some older Americans living in the community have access to various services through their place of residence. Such services may include meal preparation, laundry and cleaning services, and help with medications. Availability of such services through the place of residence may help older Americans maintain their independence and avoid institutionalization.



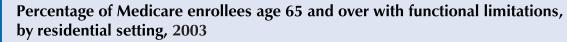
Note: Community housing with services applies to respondents who reported they lived in retirement communities or apartments, senior citizen housing, continuing care retirement facilities, assisted living facilities, staged living communities, board and care facilities/homes, and other similar situations, AND who reported they had access to one or more of the following services through their place of residence: meal preparation, cleaning or housekeeping services, laundry services, help with medications. Respondents were asked about access to these services but not whether they actually used the services. A residence is considered a long-term care facility if it is certified by Medicare or Medicaid; or has 3 or more beds and is licensed as a nursing home or other long-term care facility and provides at least one personal care service; or provides 24-hour, 7-day-a-week supervision by a caregiver.

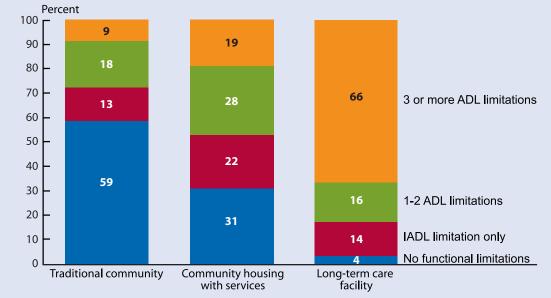
Reference population: These data refer to Medicare enrollees. Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

Additional information for this indicator can be found at www.agingstats.gov.

Percentage of Medicare enrollees age 65 and over residing in selected residential settings, by age group, 2003

Residential setting	65 and over	65-74	75-84	85 and over
		Pe	rcent	
Total	100.0	100.0	100.0	100.0
Traditional community	93.1	98.1	92.9	75.0
Community housing with services	2.5	0.9	2.6	8.0
Long-term care facilities	4.4	1.0	4.5	17.0





Note: Community housing with services applies to respondents who reported they lived in retirement communities or apartments, senior citizen housing, continuing care retirement facilities, assisted living facilities, staged living communities, board and care facilities/homes, and other similar situations, AND who reported they had access to one or more of the following services through their place of residence: meal preparation, cleaning or housekeeping services, laundry services, help with medications. Respondents were asked about access to these services but not whether they actually used the services. A residence is considered a long-term care facility if it is certified by Medicare or Medicaid; or has 3 or more beds and is licensed as a nursing home or other long-term care facility and provides at least one personal care service; or provides 24-hour, 7-day-a-week supervision by a caregiver. IADL limitations refer to difficulty performing (or inability to perform, for a health reason) one or more of the following tasks: using the telephone, light housework, heavy housework, meal preparation, shopping, managing money. ADL limitations refer to difficulty performing (or inability to perform, for a health reason) the following tasks: bathing, dressing, eating, getting in/out of chairs, walking, using the toilet. Long-term care facility residents with no limitations may include individuals with limitations in certain IADLs: doing light or heavy housework or meal preparation. These questions were not asked of facility residents. Reference population: These data refer to Medicare enrollees.

Source: Centers for Medicare & Medicaid Services, Medicare Current Beneficiary Survey.

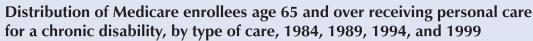
Additional information for this indicator can be found at www.agingstats.gov.

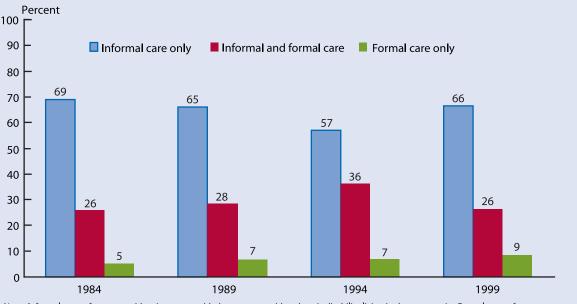
Percentage of Medicare enrollees age 65 and over with functional	
limitations, by residential setting, 2003	

Functional status	Traditional community	Community housing with services	Long-term care facility
		Percent	
Total	100.0	100.0	100.0
No functional limitations	59.3	31.0	3.8
IADL limitation only	13.4	21.9	13.8
1-2 ADL limitations	18.4	28.4	16.3
3 or more ADL limitations	8.9	18.7	66.1

Caregiving and Assistive Device Use

Although most long-term care spending in the United States is for nursing home and other institutionalized care, the majority of older people with disabilities live in the community and receive assistance from spouses, adult children, and other family members. Most of this care is unpaid, although an increasing number of older Americans with disabilities rely on a combination of unpaid and paid long-term care.





Note: Informal care refers to unpaid assistance provided to a person with a chronic disability living in the community. Formal care refers to paid assistance.

Reference population: These data refer to Medicare enrollees living in the community who report receiving personal care from a paid or unpaid helper for a chronic disability.

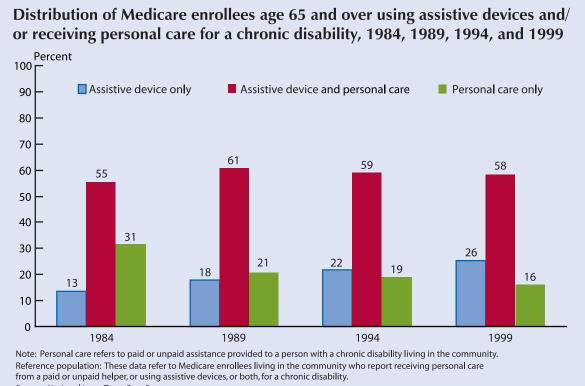
Source: National Long Term Care Survey.

Additional information for this indicator can be found at www.agingstats.gov.

Distribution of Medicare enrollees age 65 and over receiving personal care for a chronic disability, by type of care, 1984, 1989, 1994, and 1999 (Last updated in *Older Americans 2004*)

Type of care	1984	1989	1994	1999
		Nu	umber	
Total Medicare enrollees	27,967,944	30,871,346	33,125,154	34,459,236
Total Medicare enrollees				
receiving personal care	4,094,565	3,946,598	3,844,871	3,700,889
		Pe	ercent	
Total percentage of Medicare enrollees				
receiving personal care	14.6	12.8	11.6	10.7
Distribution of type of personal care	100.0	100.0	100.0	100.0
Informal only	68.9	64.5	57.1	65.5
Informal and formal	26.0	28.4	36.1	25.9
Formal only	5.1	7.1	6.8	8.5

Possible reasons for the decline in the use of long-term care in the community include improvements in the health and disability of the older population, changes in household living arrangements (e.g., the move toward assisted living and other residential care alternatives), and greater use of special equipment and assistive devices that help older disabled people living in the community maintain their independence.



Source: National Long Term Care Survey.

Additional information for this indicator can be found at www.agingstats.gov.

Distribution of Medicare enrollees age 65 and over using assistive devices and/or receiving personal care for a chronic disability, by type of care, 1984, 1989, 1994, and 1999 (Last updated in *Older Americans 2004*)

Type of care	1984	1989	1994	1999
		Nu	ımber	
Total Medicare enrollees	27,967,944	30,871,346	33,125,154	34,459,236
Total Medicare enrollees receiving personal care				
or using assistive devices	4,730,434	4,820,323	4,911,958	4,990,968
		Pe	ercent	
Total percentage of Medicare enrollees receiving personal care or using				
assistive devices	16.9	15.6	14.8	14.5
Distribution of type of care	100.0	100.0	100.0	100.0
Assistive device only	13.4	18.1	21.7	25.8
Assistive device and personal care	55.4	60.8	59.0	58.4
Personal care only	31.1	21.1	19.3	15.8