

**Table 1. Number, percent distribution, and rate per 100,000 population of hospice care discharges by age, according to sex, race, and region: United States, 1998**

Age <sup>1</sup>	Sex			Race				Geographic region			
	Both sexes	Male	Female	White	Black and other <sup>2</sup>	Black	Unknown	Northeast	Midwest	South	West
Number											
Total . . . . .	496,000	237,300	258,600	395,900	46,000	39,800	*54,100	92,500	113,800	165,300	124,300
Under 65 years . . . . .	118,300	67,800	50,500	90,900	*18,700	*18,000	*8,700	*15,300	19,700	48,900	*34,400
Under 45 years . . . . .	29,400	*14,400	*15,000	*23,000	*	*	*	*	*	*10,400	*
45–64 years . . . . .	88,900	53,400	35,600	67,900	*13,000	*	*	*11,900	16,100	38,600	*22,400
65 years and over . . . . .	377,600	169,600	208,100	305,000	27,300	21,800	*45,400	77,300	94,000	116,400	90,000
65–69 years . . . . .	45,700	29,800	15,900	36,400	*	*	*	*	*6,500	14,600	*19,400
70–74 years . . . . .	82,800	43,200	39,600	54,500	*	*	*	*23,800	25,700	25,400	*7,900
75–79 years . . . . .	83,300	33,900	49,400	73,200	*	*	*	*21,500	17,600	24,600	*19,600
80–84 years . . . . .	75,200	30,900	44,400	68,200	*	*	*	*10,700	*28,700	17,900	*18,000
85 years and over . . . . .	90,700	31,800	58,900	72,700	*8,900	*	*	*16,100	15,600	33,800	25,100
Percent distribution											
Total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	*100.0	100.0	100.0	100.0	100.0
Under 65 years . . . . .	23.9	28.6	19.5	23.0	*40.7	*45.2	*16.1	*16.5	17.4	29.6	*27.6
Under 45 years . . . . .	5.9	*6.1	*5.8	*5.8	*	*	*	*	*	*6.3	*
45–64 years . . . . .	17.9	22.5	13.8	17.1	*28.2	*	*	*12.9	14.1	23.3	*18.0
65 years and over . . . . .	76.1	71.4	80.5	77.0	59.3	54.8	*83.9	83.5	82.6	70.4	72.4
65–69 years . . . . .	9.2	12.6	6.2	9.2	*	*	*	*	*5.7	8.8	*15.6
70–74 years . . . . .	16.7	18.2	15.3	13.8	*	*	*	*25.7	22.6	15.4	*6.3
75–79 years . . . . .	16.8	14.3	19.1	18.5	*	*	*	*23.2	15.5	14.9	*15.8
80–84 years . . . . .	15.2	13.0	17.2	17.2	*	*	*	*11.5	*25.2	10.9	*14.5
85 years and over . . . . .	18.3	13.4	22.8	18.4	*19.2	*	*	*17.4	13.7	20.4	20.2
Rate per 100,000 population <sup>3</sup>											
Total . . . . .	181.6	177.9	185.1	176.4	94.5	111.7	...	177.6	180.0	171.2	203.0
Under 65 years . . . . .	49.5	56.8	42.2	46.8	*41.6	*54.8	...	*34.0	35.8	57.9	*63.1
Under 45 years . . . . .	16.1	*15.70	*16.60	*15.80	*	*	...	*	*	*16.20	*
45–64 years . . . . .	155.8	192.9	120.9	139.5	*153.7	*	...	*106.6	120.8	189.2	*183.4
65 years and over . . . . .	1,107.5	1,200.4	1,041.8	1,004.8	728.7	770.2	...	1,073.4	1,159.9	968.0	1,328.6
65–69 years . . . . .	481.2	682.9	309.8	441.2	*	*	...	*	*295.2	420.5	*1,018.2
70–74 years . . . . .	949.0	1,126.5	809.7	703.2	*	*	...	*1,297.9	1,258.8	817.3	*453.1
75–79 years . . . . .	1,163.4	1,136.2	1,182.8	1,137.9	*	*	...	*1,410.4	1,039.6	985.8	*1,354.6
80–84 years . . . . .	1,602.3	1,756.1	1,510.3	1,596.4	*	*	...	*1,039.9	*2,478.3	1,125.3	*1,955.7
85 years and over . . . . .	2,251.3	2,682.2	2,071.7	1,995.2	*2,295.2	*	...	*1,819.3	1,520.8	2,502.5	3,290.1

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

... Category not applicable.

<sup>1</sup>Age is age at time of discharge.

<sup>2</sup>Other race includes Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native. All race categories include persons of Hispanic and not-Hispanic origin. Persons of Hispanic origin may be of any race.

<sup>3</sup>Population estimates used to compute rates are for the civilian population of the United States, including institutionalized persons; are postcensal estimates as of July 1, 1998; are based on the 1990 census; and are from unpublished tabulations provided by the U.S. Census Bureau. Population estimates have been adjusted for net underenumeration using the 1990 National Population Adjustment Matrix.

NOTES: Numbers may not add to totals because of rounding. Percentages and rates are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 2. Number and percent distribution of hospice care discharges and mean and median length of service in days, by selected agency characteristics: United States, 1998**

Agency characteristic	Number	Percent distribution	Mean length of service in days	Median length of service in days
Total . . . . .	496,000	100.0	57	18
Ownership				
Proprietary . . . . .	132,300	26.7	54	15
Voluntary nonprofit . . . . .	346,600	69.9	59	19
Government and other . . . . .	*17,100	*3.4	*54	*28
Geographic region				
Northeast . . . . .	92,500	18.7	50	16
Midwest . . . . .	113,800	22.9	60	21
South . . . . .	165,300	33.3	68	23
West . . . . .	124,300	25.1	46	17
Certification				
Certified <sup>1</sup> . . . . .	468,200	94.4	59	18
Not certified . . . . .	*27,800	*5.6	*30	*8
Location of agency				
Metropolitan statistical area . . . . .	401,700	81.0	59	18
Nonmetropolitan statistical area . . . . .	94,300	19.0	49	15
Affiliation				
Affiliated <sup>2</sup> . . . . .	277,400	55.9	60	21
Not affiliated . . . . .	218,500	44.1	54	15

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Includes agencies certified by Medicare and/or Medicaid.

<sup>2</sup>Includes agencies that are part of a chain operated by a hospital, operated by a nursing home, or operated by a health maintenance organization.

NOTES: Numbers may not add to totals because of rounding. Percentages and lengths of service are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 3. Number and percent of hospice care discharges and mean and median length of service in days, by agency certification status and affiliation: United States, 1998**

Agency characteristic	Number	Percent	Mean length of service in days	Median length of service in days
Total . . . . .	496,000	...	57	18
Certification				
Certified by Medicare <sup>1</sup> . . . . .	465,500	93.9	59	18
As a home health agency . . . . .	225,600	45.5	63	18
As a hospice . . . . .	457,300	92.2	60	18
Certified by Medicaid <sup>1</sup> . . . . .	446,200	90.0	59	18
As a home health agency . . . . .	215,200	43.4	64	18
As a hospice . . . . .	435,700	87.8	59	18
Not certified . . . . .	*27,800	*5.6	*30	*8
Affiliation				
Affiliated <sup>1</sup> . . . . .	277,400	55.9	60	21
Part of group or chain . . . . .	185,700	37.5	65	22
Operated by a hospital . . . . .	160,300	32.3	52	17
Operated by a nursing home . . . . .	*	*	*	*
Operated by a health maintenance organization . . . . .	*18,600	*3.8	*77	*17

... Category not applicable.

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Numbers will not add to totals because a patient may be included in more than one category.

NOTES: Numbers may not add to totals because of rounding. Percentages and lengths of service are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 4. Number and percent distribution of hospice care discharges and mean and median length of service in days, by selected characteristics: United States, 1998**

Discharge characteristic	Number	Percent distribution	Mean length of service in days	Median length of service in days
Total . . . . .	496,000	100.0	57	18
Age <sup>1</sup>				
Under 65 years . . . . .	118,300	23.9	78	28
Under 45 years . . . . .	29,400	5.9	75	31
45–64 years . . . . .	88,900	17.9	78	25
65 years and over . . . . .	377,600	76.1	51	16
65–69 years . . . . .	45,700	9.2	44	17
70–74 years . . . . .	82,800	16.7	49	16
75–79 years . . . . .	83,300	16.8	43	16
80–84 years . . . . .	75,200	15.2	53	*16
85 years and over . . . . .	90,700	18.3	62	17
Sex				
Male . . . . .	237,300	47.9	48	14
Female . . . . .	258,600	52.1	66	21
Hispanic or Latino origin				
Hispanic . . . . .	*22,000	*4.4	*59	*31
Not-Hispanic . . . . .	362,300	73.0	59	18
Unknown . . . . .	111,700	22.5	53	13
Race				
White . . . . .	395,900	79.8	58	18
Black and other <sup>2</sup> . . . . .	46,000	9.3	78	*31
Black . . . . .	39,800	8.0	84	*36
Unknown . . . . .	*54,100	*10.9	*37	*9
Marital status				
Married . . . . .	242,600	48.9	46	16
Widowed . . . . .	158,600	32.0	68	19
Divorced or separated . . . . .	25,300	5.1	102	*61
Single or never married . . . . .	35,600	7.2	68	31
Unknown . . . . .	*33,800	*6.8	*42	*9
Primary expected source of payment				
Private insurance, own income, or family support . . . . .	71,800	14.5	71	17
Medicare . . . . .	359,100	72.4	54	18
Medicaid . . . . .	24,200	4.9	*108	38
All other sources <sup>3</sup> . . . . .	*40,900	*8.2	*29	*11

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Age is age at time of discharge.

<sup>2</sup>Other race includes Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native. All race categories include persons of Hispanic and not-Hispanic origin. Persons of Hispanic origin may be of any race.

<sup>3</sup>Includes unknown, no charge for care, and payment source not yet determined.

NOTES: Numbers may not add to totals because of rounding. Percentages are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 5. Number and percent distribution of hospice care discharges and mean and median length of service in days, by residence, living arrangements, and caregiver status: United States, 1998**

Discharge characteristic	Number	Percent distribution	Mean length of service in days	Median length of service in days
Total	496,000	100.0	57	18
Residence				
Private or semiprivate residence	363,000	73.2	53	18
Board and care or residential care facility	*9,200	*1.9	*132	*97
Health facility <sup>1</sup>	117,000	23.6	66	14
Other or unknown	*	*	*	*
Living arrangements <sup>2</sup>				
Living alone	18,300	5.0	88	47
Living with family members	309,700	85.3	52	18
Living only with nonfamily members	*17,900	*4.9	*77	*34
Living arrangement unknown	*	*	*	*
Caregiver status				
Has primary caregiver:				
Yes	448,900	90.5	59	18
No	25,100	5.1	59	23
Unknown	*	*	*	*
Lives with primary caregiver <sup>3</sup> :				
Yes	387,500	86.3	58	18
No	55,100	12.3	67	*18
Unknown	*6,300	*1.4	*45	*11
Relationship of primary caregiver <sup>3</sup> :				
Spouse	214,100	47.7	44	16
Child or child-in-law	112,600	25.1	63	23
Other relative or parent	37,200	8.3	92	*32
Paid help <sup>4</sup>	62,000	13.8	86	*16
Neighbor, friend, other, or unknown	*23,100	*5.1	*61	*31

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Includes nursing home, hospital, mental health or other inpatient facility.

<sup>2</sup>Includes discharges living in a private or semiprivate residence only.

<sup>3</sup>Includes discharges with a primary caregiver only.

<sup>4</sup>Includes staff of facility where discharge resides.

NOTES: Numbers may not add to totals because of rounding. Percentages and lengths of service are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 6. Number and percent distribution of hospice discharges and mean and median length of service in days, according to reason for discharge: United States, 1998**

Discharge characteristic	Number	Percent distribution	Mean length of service in days	Median length of service in days
All discharges . . . . .	496,000	100.0	57	18
Reason for discharge				
Remained in the community <sup>1</sup> . . . . .	22,100	4.5	176	174
Transferred to another care setting <sup>2</sup> . . . . .	16,500	3.3	89	*30
Deceased . . . . .	439,600	88.6	50	16
Other and unknown <sup>3</sup> . . . . .	*17,700	*3.6	*64	*16

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Includes recovered, stabilized, and family and/or friends resumed care.

<sup>2</sup>Includes hospital, nursing home, other inpatient residential care, and transferred to another form of outpatient care.

<sup>3</sup>Includes discharges that moved out of area.

NOTES: Numbers may not add to totals because of rounding. Percentages are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 7. Number of hospice care discharges, by services provided, by sex and race: United States, 1998**

Selected services <sup>1</sup>	Number	Sex		Race			
		Male	Female	White	Black and other <sup>2</sup>	Black	Unknown
All discharges <sup>3</sup>	496,000	237,300	258,600	395,900	46,000	39,800	*54,100
<b>Medical and/or skilled nursing</b>							
Total medical and/or skilled nursing	441,800	219,200	222,600	370,300	42,000	35,800	29,500
Physician	145,700	76,200	69,500	119,600	*23,100	*19,100	*
Skilled nursing	438,000	216,600	221,400	366,600	41,900	35,800	29,500
<b>Equipment and/or medication</b>							
Total equipment and/or medication	352,600	168,100	184,500	286,500	31,900	26,200	*34,300
Durable medical equipment and supplies	273,400	133,500	139,900	223,400	20,000	14,900	*29,900
Medications	305,800	148,400	157,400	263,900	31,300	25,800	*10,700
<b>Personal care</b>							
Total personal care	352,000	170,100	181,900	303,500	31,100	25,900	*17,500
Continuous home care	40,100	18,000	22,000	33,300	*	*	*
Volunteer	148,600	75,400	73,200	132,200	*8,800	*4,900	*7,500
Homemaker-household <sup>4</sup>	324,900	153,400	171,500	280,400	28,500	23,500	*16,000
Respite care	19,500	*8,400	*11,100	*13,500	*	*	*
<b>Therapeutic</b>							
Total therapeutic	161,600	75,700	85,900	135,200	*21,700	*17,400	*
Occupational, physical, and speech therapy	*21,500	*	*	*17,000	*	*	*
High tech care <sup>5</sup>	91,500	46,500	45,000	82,400	*8,100	*	*
Other <sup>6</sup>	73,300	35,500	37,900	59,800	*	*	*
<b>Psychosocial</b>							
Total psychosocial	404,600	193,000	211,600	335,800	43,200	37,800	*25,600
Counseling or psychological	219,000	100,700	118,300	175,100	*28,900	*27,700	*14,900
Pastoral and/or spiritual care	256,600	123,800	132,700	209,300	30,500	*25,900	*16,700
Referral and/or social	356,400	169,600	186,700	303,200	32,600	27,400	*20,600
Other <sup>7</sup>	60,200	27,500	32,600	55,200	*3,900	*	*

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Numbers will not add to totals because a discharge may be included in more than one category.

<sup>2</sup>Other race includes Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native. All race categories include persons of Hispanic and not-Hispanic origin. Persons of Hispanic origin may be of any race.

<sup>3</sup>Total number of hospice care discharges.

<sup>4</sup>Includes personal care services and Meals on Wheels.

<sup>5</sup>Includes enterostomal therapy, IV (intravenous) therapy, respiratory therapy, and other high tech care such as enteral nutrition and dialysis.

<sup>6</sup>Includes dietary/nutritional services and vocational therapy.

<sup>7</sup>Includes dental, transportation, and other services.

NOTE: Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 8. Number of hospice care discharges, by services provided, by age: United States, 1998**

Selected services <sup>1</sup>	Number	Age <sup>2</sup>				
		Under 65 years	65 years and over	65-74 years	75-84 years	85 years and over
All discharges <sup>3</sup> . . . . .	496,000	118,300	377,600	128,500	158,500	90,700
Medical and/or skilled nursing						
Total medical and/or skilled nursing . . . . .	441,800	113,400	328,400	105,800	142,000	80,600
Physician . . . . .	145,700	44,900	100,700	28,800	44,500	27,500
Skilled nursing . . . . .	438,000	112,900	325,100	104,900	139,800	80,400
Equipment and/or medication						
Total equipment and/or medication . . . . .	352,600	79,200	273,400	97,100	115,000	61,300
Durable medical equipment and supplies . . . . .	273,400	57,600	215,800	79,400	89,200	47,200
Medications . . . . .	305,800	77,300	228,600	74,800	102,300	51,500
Personal care						
Total personal care . . . . .	352,000	80,300	271,700	88,700	112,900	70,100
Continuous home care . . . . .	40,100	*6,500	33,500	*16,900	*11,000	*
Volunteer . . . . .	148,600	42,900	105,700	37,900	41,800	26,100
Homemaker-household <sup>4</sup> . . . . .	324,900	73,400	251,500	82,100	105,600	63,800
Respite care . . . . .	19,500	*	*15,500	*	*	*
Therapeutic						
Total therapeutic . . . . .	161,600	52,500	109,200	38,600	44,200	26,300
Occupational, physical, and speech therapy . . . . .	*21,500	*	*13,400	*	*	*
High tech care <sup>5</sup> . . . . .	91,500	24,800	66,600	26,500	25,700	*14,500
Other <sup>6</sup> . . . . .	73,300	*27,100	46,300	*13,700	22,000	*10,600
Psychosocial						
Total psychosocial . . . . .	404,600	102,300	302,300	103,500	133,500	65,200
Counseling or psychological . . . . .	219,000	43,000	175,900	58,300	82,400	35,200
Pastoral and/or spiritual care . . . . .	256,600	60,800	195,800	63,200	88,800	43,900
Referral and/or social . . . . .	356,400	92,800	263,600	86,400	116,900	60,200
Other <sup>7</sup> . . . . .	60,200	*13,800	46,400	14,800	21,500	*10,100

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

<sup>1</sup>Numbers will not add to totals because a discharge may be included in more than one category.

<sup>2</sup>Age is age at time of discharge.

<sup>3</sup>Total number of hospice care discharges.

<sup>4</sup>Includes personal care services and Meals on Wheels.

<sup>5</sup>Includes enterostomal therapy, IV (intravenous) therapy, respiratory therapy, and other high tech care such as enteral nutrition and dialysis.

<sup>6</sup>Includes dietary/nutritional services and vocational therapy.

<sup>7</sup>Includes dental, transportation, and other services.

NOTE: Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.



**Table 9. Number of hospice care discharges, by assistance with activities of daily living, functional status, sex, and race: United States, 1998**

Selected characteristics	Number	Sex		Race			
		Male	Female	White	Black and other <sup>1</sup>	Black	Unknown
All discharges . . . . .	496,000	237,300	258,600	395,900	46,000	39,800	*54,100
Activities of daily living (ADLs)							
Receives no help from agency <sup>2</sup> . . . . .	165,500	84,600	80,900	104,200	*21,900	*21,100	*39,500
Receives help from agency with:							
1 ADL . . . . .	38,300	16,900	21,500	34,300	*	*	*
2 ADLs . . . . .	72,100	28,800	43,300	63,700	*	*	*
3 ADLs . . . . .	58,000	29,800	28,200	54,200	*	*	*
4 ADLs . . . . .	54,500	19,500	35,000	50,000	*3,400	*	*
5 ADLs . . . . .	42,900	24,100	18,800	39,700	*	*	*
6 ADLs . . . . .	64,600	33,700	30,800	49,900	*	*	*
Receives help from agency in <sup>3</sup> :							
Bathing and showering . . . . .	317,000	143,500	173,400	280,900	21,900	16,500	*14,200
Dressing . . . . .	265,500	122,500	143,000	235,900	19,800	14,500	*9,800
Eating . . . . .	136,800	62,200	74,600	113,300	*13,100	*9,000	*
Transferring . . . . .	191,900	95,500	96,300	166,500	16,100	11,900	*9,300
Walking . . . . .	124,400	70,600	53,800	103,900	*13,000	*8,900	*
Using the toilet room . . . . .	141,100	70,200	70,900	121,200	*12,000	*8,000	*7,800
Instrumental activities of daily living (IADLs)							
Receives no help from agency <sup>2</sup> . . . . .	270,300	125,300	145,000	202,100	*19,700	*18,500	*48,600
Receives help from agency with:							
1 IADL . . . . .	153,800	73,900	79,900	133,400	*18,300	*14,000	*
2 IADLs . . . . .	39,300	20,000	19,300	33,900	*	*	*
3 IADLs . . . . .	18,000	*8,200	*9,800	14,800	*	*	*
4 IADLs . . . . .	*	*	*	*	*	*	—
5 IADLs . . . . .	*	*	*	*	*	*	*
6 IADLs . . . . .	*	*	*	*	*	*	—
Receives help from agency in <sup>3</sup> :							
Doing light housework . . . . .	91,400	50,300	41,100	80,800	*7,700	*6,900	*
Managing money . . . . .	*	*	*	*	*	*	—
Shopping . . . . .	*12,300	*8,500	*	*9,000	*	*	*
Using the telephone . . . . .	*19,100	*12,300	*6,800	*15,400	*	*	*
Preparing meals . . . . .	44,400	25,700	18,700	35,900	*	*	*
Taking medications . . . . .	183,800	87,000	96,800	154,800	*24,000	*19,100	*
Vision <sup>4</sup>							
Not impaired . . . . .	259,900	130,400	129,500	221,500	30,100	*25,800	*8,300
Impaired <sup>5</sup> . . . . .	77,700	42,100	35,600	61,100	*9,200	*8,100	*
Partially . . . . .	47,300	*28,500	18,900	36,600	*	*	*
Severely or completely lost . . . . .	21,100	*9,100	12,000	16,100	*	*	*
Unknown or unable to determine . . . . .	158,400	64,900	93,500	113,200	*6,700	*	*38,500
Hearing <sup>6</sup>							
Not impaired . . . . .	287,900	143,400	144,500	246,700	29,700	*27,600	*11,500
Impaired <sup>5</sup> . . . . .	76,200	39,900	36,200	65,000	*	*	*
Partially . . . . .	55,900	30,700	25,300	49,700	*	*	*
Severely or completely lost . . . . .	*15,400	*7,300	*8,100	*11,400	*	*	*
Unknown or unable to determine . . . . .	131,900	54,000	77,900	84,200	*	*	*41,700

See footnotes at end of table.

**Table 9. Number of hospice care discharges, by assistance with activities of daily living, functional status, sex, and race: United States, 1998—Con.**

Selected characteristics	Number	Sex		Race			
		Male	Female	White	Black and other <sup>1</sup>	Black	Unknown
Continence							
No difficulty . . . . .	272,600	126,000	146,600	205,000	*24,400	*22,300	*43,100
Has difficulty controlling:							
Bladder <sup>7</sup> . . . . .	139,500	66,300	73,100	116,300	14,600	*10,600	*
Bowels <sup>8</sup> . . . . .	172,200	85,900	86,300	147,900	17,400	13,800	*7,000
Bladder and bowels <sup>7,8</sup> . . . . .	88,300	40,900	47,400	73,400	*10,400	*6,900	*
Has indwelling urinary catheter or urostomy . . . . .	165,300	65,000	100,300	139,900	*15,700	*14,700	*
Receives help from agency in caring for this device . . . . .	152,700	61,100	91,600	128,300	*15,300	*14,300	*

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

– Quantity zero.

<sup>1</sup>Other race includes Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native. All race categories include persons of Hispanic and not-Hispanic origin. Persons of Hispanic origin may be of any race.

<sup>2</sup>Includes an unknown number of discharges who were bedbound or received help only from nonagency persons.

<sup>3</sup>Numbers will not add to totals because a discharge may be included in more than one category.

<sup>4</sup>Status when using eyeglasses or contact lenses if applicable.

<sup>5</sup>Total number of impaired includes discharges for whom the level of impairment is unknown.

<sup>6</sup>Status when using a hearing aid if applicable.

<sup>7</sup>Excludes discharges with an indwelling urinary catheter or urostomy.

<sup>8</sup>Excludes discharges with an ileostomy or colostomy.

NOTES: Numbers may not add to totals because of rounding. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 10. Number of hospice care discharges, by assistance with activities of daily living, functional status, and age: United States, 1998**

Selected characteristics	Number	Age <sup>1</sup>				
		Under 65 years	65 years and over	65–74 years	75–84 years	85 years and over
All discharges . . . . .	496,000	118,300	377,600	128,500	158,500	90,700
Activities of daily living (ADLs)						
Receives no help from agency <sup>2</sup> . . . . .	165,500	45,900	119,700	52,700	40,300	26,700
Receives help from agency with:						
1 ADL . . . . .	38,300	*11,900	26,400	*	*11,500	*
2 ADLs . . . . .	72,100	*10,800	61,300	12,900	31,200	*17,200
3 ADLs . . . . .	58,000	*9,600	48,400	16,300	25,300	*6,900
4 ADLs . . . . .	54,500	*	44,700	*13,000	*21,400	*10,200
5 ADLs . . . . .	42,900	*10,600	32,300	*13,200	10,800	*8,400
6 ADLs . . . . .	64,600	*19,700	44,900	15,800	18,000	*11,100
Receives help from agency in <sup>3</sup> :						
Bathing and showering . . . . .	317,000	66,900	250,100	71,900	114,900	63,200
Dressing . . . . .	265,500	54,900	210,600	64,700	98,400	47,500
Eating . . . . .	136,800	27,300	109,500	36,500	44,500	28,600
Transferring . . . . .	191,900	48,400	143,400	47,700	62,100	33,600
Walking . . . . .	124,400	38,400	86,000	35,600	32,100	18,400
Using the toilet room . . . . .	141,100	37,000	104,100	35,700	45,000	23,400
Instrumental activities of daily living (IADLs)						
Receives no help from agency <sup>2</sup> . . . . .	270,300	52,500	217,800	68,300	93,900	55,600
Receives help from agency with:						
1 IADL . . . . .	153,800	47,100	106,600	40,900	37,900	27,800
2 IADLs . . . . .	39,300	*8,300	31,000	12,300	15,500	*3,200
3 IADLs . . . . .	18,000	*	12,900	*	*5,700	*
4 IADLs . . . . .	*	*	*	*	*	*
5 IADLs . . . . .	*	*	*	–	*	*
6 IADLs . . . . .	*	*	*	*	*	*
Receives help from agency in <sup>3</sup> :						
Doing light housework . . . . .	91,400	22,700	68,700	23,300	31,300	14,100
Managing money . . . . .	*	*	*	*	*	*
Shopping . . . . .	*12,300	*	*6,900	*	*	*
Using the telephone . . . . .	*19,100	*	*12,900	*	*	*
Preparing meals . . . . .	44,400	*11,600	32,700	*12,500	15,600	*
Taking medications . . . . .	183,800	58,000	125,800	48,100	52,500	25,200
Vision <sup>4</sup>						
Not impaired . . . . .	259,900	80,400	179,500	63,000	79,100	37,300
Impaired <sup>5</sup> . . . . .	77,700	*11,700	65,900	20,200	23,900	21,800
Partially . . . . .	47,300	*4,600	42,700	*14,900	*17,000	*10,800
Severely or completely lost . . . . .	21,100	*	16,200	*	*	*8,100
Unknown or unable to determine . . . . .	158,400	26,200	132,200	45,200	55,500	31,500
Hearing <sup>6</sup>						
Not impaired . . . . .	287,900	86,000	201,900	78,500	88,400	34,900
Impaired <sup>5</sup> . . . . .	76,200	*	67,600	12,800	*25,500	29,300
Partially . . . . .	55,900	*	48,500	*10,900	*18,900	18,700
Severely or completely lost . . . . .	*15,400	*	*15,100	*	*	*8,500
Unknown or unable to determine . . . . .	131,900	23,800	108,200	*37,200	44,600	26,400

See footnotes at end of table.

**Table 10. Number of hospice care discharges, by assistance with activities of daily living, functional status, and age: United States, 1998—Con.**

Selected characteristics	Number	Age <sup>1</sup>				
		Under 65 years	65 years and over	65–74 years	75–84 years	85 years and over
Continence						
No difficulty . . . . .	272,600	67,800	204,700	82,200	92,200	30,400
Has difficulty controlling:						
Bladder <sup>7</sup> . . . . .	139,500	27,200	112,300	31,600	40,800	39,900
Bowels <sup>8</sup> . . . . .	172,200	40,500	131,700	33,200	51,000	47,400
Bladder and bowels <sup>7,8</sup> . . . . .	88,300	17,200	71,100	18,500	25,400	27,100
Has indwelling urinary catheter or urostomy . . . . .	165,300	34,000	131,200	43,200	57,900	30,100
Receives help from agency in caring for this device . . . . .	152,700	32,500	120,200	41,100	53,300	25,900

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

– Quantity zero.

<sup>1</sup>Age is age at time of discharge.

<sup>2</sup>Includes an unknown number of discharges who were bedbound or received help only from nonagency persons.

<sup>3</sup>Numbers will not add to totals because a discharge may be included in more than one category.

<sup>4</sup>Status when using eyeglasses or contact lenses if applicable.

<sup>5</sup>Total number of impaired includes discharges for whom the level of impairment is unknown.

<sup>6</sup>Status when using a hearing aid if applicable.

<sup>7</sup>Excludes discharges with an indwelling urinary catheter or urostomy.

<sup>8</sup>Excludes discharges with an ileostomy or colostomy.

NOTES: Numbers may not add to totals because of rounding. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 11. Number of hospice care discharges by type of aids, devices used, sex, and race: United States, 1998**

Selected aids and devices <sup>1</sup>	Number	Sex		Race			
		Male	Female	White	Black	Black and other <sup>2</sup>	Unknown
All discharges <sup>3</sup> . . . . .	496,000	237,300	258,600	395,900	46,000	39,800	*54,100
Sensory and/or dental							
Total with sensory and/or dental aids . . . . .	127,100	62,200	64,800	113,100	12,100	*11,500	*
Eyeglasses or contact lenses . . . . .	111,600	54,200	57,500	99,400	*10,800	*10,700	*
Hearing aid . . . . .	11,600	*4,700	*6,800	10,900	*	*	*
Dentures (full or partial) . . . . .	45,500	26,100	19,400	41,600	*	*	*
Mobility							
Total with mobility aids . . . . .	230,000	122,900	107,100	186,800	25,200	21,100	*18,000
Cane or crutches . . . . .	30,000	23,200	*6,800	23,000	*	*	*
Walker . . . . .	96,800	53,600	43,200	82,400	*8,800	*	*
Wheelchair <sup>4</sup> . . . . .	175,300	87,900	87,500	138,300	22,800	*18,700	*14,200
Self-care							
Total with self-care devices . . . . .	408,000	188,600	219,400	326,300	39,700	33,800	*42,000
Bedside commode . . . . .	175,900	87,700	88,200	144,300	*20,600	*16,300	*
Elevated or raised toilet seat . . . . .	*8,300	*4,200	*	*7,500	*	*	*
Grab bars . . . . .	15,000	*4,600	*10,500	12,800	*	*	*
Hospital bed . . . . .	363,400	165,800	197,600	285,700	36,700	*31,700	*41,100
Mattress, special . . . . .	197,800	90,900	107,000	149,900	*18,500	*14,100	*
Shower chair or bath bench . . . . .	46,100	24,700	21,400	42,400	*	*	*
Medical							
Total with medical devices . . . . .	259,100	113,800	145,300	215,000	24,000	*19,200	*20,100
Blood glucose monitor . . . . .	*7,600	*	*	*5,300	*	*	*
Intravenous therapy . . . . .	27,700	*9,400	18,200	25,200	*	*	*
Oxygen <sup>5</sup> . . . . .	244,700	107,700	137,000	204,400	*20,800	*16,400	*19,400
Other aids . . . . .	28,300	*11,500	16,700	19,800	*	*	*

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

– Quantity zero.

<sup>1</sup>Numbers will not add to totals because a discharge may be included in more than one category.

<sup>2</sup>Other race includes Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native. All race categories include persons of Hispanic and not-Hispanic origin. Persons of Hispanic origin may be of any race.

<sup>3</sup>Total number of home health care discharges.

<sup>4</sup>Includes manual and motorized wheelchairs.

<sup>5</sup>Includes oxygen concentrator.

NOTE: Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 12. Number of hospice care discharges by type of aids, devices used, and age: United States, 1998**

Selected aids and devices <sup>1</sup>	Number	Age <sup>2</sup>				
		Under 65 years	65 years and over	65–74 years	75–84 years	85 years and over
All discharges <sup>3</sup> . . . . .	496,000	118,300	377,600	128,500	158,500	90,700
<b>Sensory and/or dental</b>						
Total with sensory and/or dental aids . . . . .	127,100	23,300	103,800	35,600	46,900	21,400
Eyeglasses or contact lenses . . . . .	111,600	22,200	89,400	30,900	41,700	16,900
Hearing aid . . . . .	11,600	*	11,200	*	*4,400	*
Dentures (full or partial) . . . . .	45,500	*	42,700	15,700	18,200	8,700
<b>Mobility</b>						
Total with mobility aids . . . . .	230,000	67,400	162,700	55,400	61,000	46,300
Cane or crutches . . . . .	30,000	*	17,900	*8,800	*6,000	*
Walker . . . . .	96,800	26,500	70,300	21,700	32,100	16,500
Wheelchair <sup>4</sup> . . . . .	175,300	51,400	123,900	40,500	42,300	41,000
Self-care . . . . .	408,000	86,700	321,300	109,300	136,500	75,500
<b>Total with self-care devices</b>						
Bedside commode . . . . .	175,900	51,000	124,900	48,800	46,400	29,700
Elevated or raised toilet seat . . . . .	*8,300	*	*7,200	*	*	*
Grab bars . . . . .	15,000	*	*13,200	*	*	*
Hospital bed . . . . .	363,400	76,800	286,700	98,600	121,200	66,900
Mattress, special . . . . .	197,800	35,700	162,200	59,400	71,300	31,500
Shower chair or bath bench . . . . .	46,100	14,400	31,700	12,800	10,000	*8,900
<b>Medical</b>						
Total with medical devices . . . . .	259,100	56,500	202,600	68,400	83,800	50,400
Blood glucose monitor . . . . .	*7,600	*	*7,200	*	*	*
Intravenous therapy . . . . .	27,700	*10,700	17,000	*8,800	*	*
Oxygen <sup>5</sup> . . . . .	244,700	53,600	191,100	61,400	81,700	48,000
Other aids . . . . .	28,300	*	21,200	*5,900	*12,500	*

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

– Quantity zero.

<sup>1</sup>Age is age at time of discharge.

<sup>2</sup>Numbers will not add to totals because a discharge may be included in more than one category.

<sup>3</sup>Total number of home health care discharges.

<sup>4</sup>Includes manual and motorized wheelchairs.

<sup>5</sup>Includes oxygen concentrator.

NOTE: Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 13. Number and percentage of hospice care discharges, by primary and all-listed diagnoses at admission: United States, 1998**

Diagnosis and ICD-9-CM code <sup>1</sup>	Primary diagnosis <sup>2</sup>		All-listed diagnosis <sup>3</sup>	
	Number of patients	Percent	Number of diagnoses	Percent
Total . . . . .	496,000	100.0	2,975,800	100.0
Infectious and parasitic diseases . . . . . 001-139	*	*	*11,600	*0.4
Human immunodeficiency virus (HIV) disease . . . . . 042	*	*	*	*
Neoplasms . . . . . 140-239	325,600	65.7	527,500	17.7
Malignant neoplasms . . . . . 140-208,230-234	321,400	64.8	518,200	17.4
Malignant neoplasm of large intestine and rectum . . . . . 153-154, 197.5	39,400	7.9	45,300	1.5
Malignant neoplasm of trachea, bronchus and lung . . . . . 162, 197.0, 197.3	75,200	15.2	97,000	3.3
Malignant neoplasm of bone, connective tissue and skin . . . . . 170-173, 198.2, 198.5	*12,500	*2.5	51,700	1.7
Malignant neoplasm of breast . . . . . 174-175, 198.81	35,700	7.2	39,800	1.3
Malignant neoplasm of female genital organs . . . . . 179-184, 198.6	17,000	3.4	17,700	0.6
Malignant neoplasm of prostate . . . . . 185	12,900	2.6	16,200	0.5
Malignant neoplasm of urinary organs . . . . . 188-189, 198.0-198.1	*13,400	*2.7	21,000	0.7
Malignant neoplasm of hematopoietic tissue . . . . . 196, 200-208	22,700	4.6	25,300	0.8
Malignant neoplasm of other and unspecified sites . . . . . 150-152, 155-161, 163-165, 176, 186 187, 190-196, 197.1-197.2, 197.4, 197.6-197.8, 198.3-198.4, 198.7, 198.82-199, 230-234	92,100	18.6	129,300	4.3
Endocrine, nutritional and metabolic diseases and immunity disorders . . . . . 240-279	*	*	47,600	1.6
Diabetes mellitus . . . . . 250	*	*	32,800	1.1
Mental disorders . . . . . 290-319	*6,600	*1.3	22,400	0.8
Diseases of the nervous system and sense organs . . . . . 320-389	24,400	4.9	43,700	1.5
Alzheimer's disease . . . . . 331	*8,900	*1.8	11,400	0.4
Diseases of the circulatory system . . . . . 390-459	56,600	11.4	156,100	5.2
Heart disease . . . . . 391-392.0, 393-398, 402, 404, 410-416, 420-429	42,500	8.6	97,500	3.3
Ischemic heart disease . . . . . 410-414	*	*	10,700	0.4
Congestive heart failure . . . . . 428	22,000	4.4	46,200	1.6
Cerebrovascular disease . . . . . 430-435, 437-438	*	*	*	*
Diseases of the respiratory system . . . . . 460-519	30,600	6.2	69,300	2.3
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	10,400	2.1	25,900	0.9
Diseases of the digestive system . . . . . 520-579	*9,500	*1.9	24,100	0.8
Diseases of the genitourinary system . . . . . 580-629	*8,200	*1.7	23,500	0.8
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	*	*	12,400	*0.4
Symptoms, signs, and ill-defined conditions . . . . . 780-799	*20,300	*4.1	40,500	1.4
Supplementary classification . . . . . V01-V82	*	*	27,100	0.9
Posthospital aftercare . . . . . V42-V46, V52, V53.3-V53.7, V54-V58	*	*	13,200	0.4
Unknown or no diagnosis . . . . .	*	*	...	...

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more.

... Category not applicable.

<sup>1</sup>Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.

<sup>2</sup>Primary diagnosis is the diagnosis that is chiefly responsible for the discharge's admission to hospice care.

<sup>3</sup>Up to six diagnoses are recorded for each discharge at admission.

NOTES: Numbers may not add to totals because of rounding. Percentages are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.

**Table 14. Number of hospice care discharges and mean and median length of service in days, by primary diagnosis: United States, 1998**

Diagnosis and ICD-9-CM code <sup>1</sup>	Number of patients	Mean length of service in days	Median length of service in days
Total . . . . .	496,000	57	18
Infectious and parasitic diseases . . . . . 001-139	*	*	*
Human immunodeficiency virus (HIV) disease . . . . . 042	*	*	*
Neoplasms . . . . . 140-239	325,600	48	18
Malignant neoplasms . . . . . 140-208,230-234	321,400	48	18
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	39,400	38	*14
Malignant neoplasm of trachea, bronchus and lung . . . . . 162,197.0,197.3	75,200	58	27
Malignant neoplasm of bone, connective tissue and skin . . . . . 170-173, 198.2, 198.5	*12,500	*26	*25
Malignant neoplasm of breast . . . . . 174-175,198.81	35,700	70	*31
Malignant neoplasm of female genital organs . . . . . 179-184, 198.6	17,000	52	*20
Malignant neoplasm of prostate . . . . . 185	12,900	75	47
Malignant neoplasm of of urinary organs . . . . . 188-189,198.0-198.1	*13,400	*19	*5
Malignant neoplasm of hematopoietic tissue . . . . . 196, 200-208	22,700	18	7
Malignant neoplasm of other and unspecified sites . . . . . 150-152,155-161,163-165, 176,186 187,190-196, 197.1-197.2, 197.4, 197.6-197.8, 198.3 198.4, 198.7, 198.82-199, 230-234	92,100	46	17
Endocrine, nutritional and metabolic diseases and immunity disorders . . . . . 240-279	*	*	*
Diabetes mellitus . . . . . 250	*	*	*
Mental disorders . . . . . 290-319	*6,600	*196	*102
Diseases of the nervous system and sense organs . . . . . 320-389	24,400	165	*95
Alzheimer's disease . . . . . 331	*8,900	*115	*19
Diseases of the circulatory system . . . . . 390-459	56,600	45	*10
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	42,500	47	*14
Ischemic heart disease . . . . . 410-414	*	*	*
Congestive heart failure . . . . . 428	22,000	*48	*8
Cerebrovascular disease . . . . . 430-435,437-438	*	*	*
Diseases of the respiratory system . . . . . 460-519	30,600	100	*31
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	10,400	*152	*29
Diseases of the digestive system . . . . . 520-579	*9,500	*41	*14
Diseases of the genitourinary system . . . . . 580-629	*8,200	*13	*3
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	*	*	*
Symptoms, signs, and ill-defined conditions . . . . . 780-799	*20,300	*19	*12
Supplementary classification . . . . . V01-V82	*	*	*
Posthospital aftercare . . . . . V42-V46, V52, V53.3-V53.7, V54-V58	*	*	*
Unknown or no diagnosis . . . . .	*	*	*

\*Figure does not meet standard of reliability or precision because the sample size is less than 30 if shown without an estimate. If shown with an estimate, the sample size is between 30 and 59 or the sample size is greater than 59 but has a relative standard error of 30 percent or more. Category unapplicable.

<sup>1</sup>Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.

NOTES: Numbers may not add to totals because of rounding. Lengths of services are based on the unrounded numbers. Discharges cover a 1-year period, October 1, 1997, through September 30, 1998.