

Series 13

No. 123



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# Vital and Health Statistics

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From the CENTERS FOR DISEASE CONTROL AND PREVENTION / National Center for Health Statistics

## The National Home and Hospice Care Survey: 1993 Summary

March 1996



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Centers for Disease Control and Prevention  
National Center for Health Statistics



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# Vital and Health Statistics

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## The National Home and Hospice Care Survey: 1993 Summary

Series 13:  
Data From the National Health  
Care Survey  
No. 123

Data collected in the 1993 National Home and Hospice Care Survey are presented in 61 tables according to standard sets of descriptive variables. The tables on patients are grouped into four categories: home health care current patients, home health care discharges, current hospice care patients, and hospice care discharges. Data are presented on agency characteristics, demographic characteristics, utilization measures, and health and functional status of current patients and discharges.

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
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National Center for Health Statistics

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<b>Symbols</b>	
---	Data not available
...	Category not applicable
–	Quantity zero
0.0	Quantity more than zero but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standard
#	Figure suppressed to comply with confidentiality requirements

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# The National Home and Hospice Care Survey: 1993 Summary

Adrienne Jones and Genevieve Strahan  
Division of Health Care Statistics

## Introduction

This report presents a summary of data collected in the 1993 National Home and Hospice Care Survey (NHHCS). The 1993 NHHCS, a segment of the Long-term Care Component of the National Health Care Survey (1), is the second in a series of annual surveys of home and hospice care agencies in the United States. Data collection for the first NHHCS in 1992 and for the 1993 survey were conducted between September and December of 1992 and 1993, respectively. The 1,500 agencies included in the 1992 survey were revisited in 1993 with the exception of 42 agencies that had merged with other agencies, that were determined to be duplicates of other agencies, or were out of scope for the survey. A probability sample of home health agencies and hospices provided information on their characteristics and about their current patients and discharges. The survey included all types of agencies that provided such services whether they were Medicare or Medicaid certified or were licensed.

Home health care agencies and hospices are defined by the type of care they provide. Home health care is provided to individuals and families in their places of residence to promote, maintain, or restore health or to maximize the level of independence while minimizing the effects of disability and illness, including terminal illness. Hospice care is defined as a program of palliative and supportive care services providing physical, psychological, social, and spiritual care for dying persons, their families, and other loved ones. Hospice services are available in both the home and inpatient settings.

Preliminary statistics about the agencies, their current patients, and discharges have been published (2). This report presents final statistics for 1993. These statistics utilize data collected on the home health agencies and hospices, their current patients, and their discharges.

## Sample design and data collection procedures

The 1993 survey design was a stratified three-stage probability design. Primary sampling units (PSU's) were selected at the first stage, agencies were selected at the second stage from separate lists of hospices and home health agencies, and current patients and discharges were selected at the third stage.

Interviewers used three questionnaires and two sampling lists to collect the data. The Facility Questionnaire was completed with the administrator or designee. The next step

required the interviewer to complete the Current Patient Sampling List (CPSL) and Discharged Patient Sampling List (DPSL). With the CPSL, the interviewer listed all patients on the register of the agency as of midnight prior to the day of the survey. The DPSL was used to list all discharges from the agency during a designated month that was randomly selected for each agency prior to the beginning of data collection. This method differed from the 1992 procedure, which listed all discharges of an agency during the 12 full months prior to the month of the survey. Sampling of current patients and discharged patients within agencies was done by using tables showing sets of sample line numbers for each possible count of current patients and discharged patients of the agency. The interviewer selected a sample of up to six current patients and up to six discharges.

After the patient samples had been selected, the Current Patient Questionnaire and Discharged Patient Questionnaire were completed for each sampled person by interviewing the staff member most familiar with the patient's records. The respondent was requested to refer to the medical or other records whenever necessary.

Information about the design of the survey, definition of terms, estimation procedures, and instruments used to collect the data are presented in appendixes I–III. A detailed report on the development of the NHHCS has been published (3).

## Interpretation and qualifications of data

This report presents characteristics of both types of agencies, including information about type of ownership, affiliation with other agencies or other facilities, Medicare and Medicaid certification, and location of the agency. It also presents characteristics of current patients and discharges from home health or hospice care distributed by characteristics of the agency. Characteristics of the patients include basic demographics, living arrangements, functional status, and caregiver and referral source information. In addition, discharges are presented by reason for discharge. Other types of information include length of service since admission, primary source of payment at admission, services received, and service providers used. Primary diagnosis at admission, coded according to the *International Classification of Diseases, Clinical Modification, Ninth Revision* (ICD–9–CM) (4), is presented by selected characteristics of the current patients or discharges.

Home health and hospice care utilization is summarized from two perspectives: “snapshot” and “duration.” There are

limitations that should be considered before using either of these types of estimates. Estimates of the number and characteristics of agencies and current patients are snapshot data and reflect the situation on a given day between September and December 1993. Because frequent short-term utilizers are less likely to be enrolled with the agency on any given day than a long-term utilizer would be, the current patient component tends to underestimate those patients with very short stays with health care agencies.

The discharge component is designed to estimate the number of discharges that occur in an agency over a period of 12 months. It may underestimate those patients who tend to receive care for long periods of time. Thus, the likelihood of being included in the discharge sample for those whose stays were relatively short were greater than it was for those whose stays were relatively long. Estimates of the number and characteristics of discharges and length of service for current patients and discharges are duration data and reflect events over a period of time.

Several items of information will assist the reader in interpreting estimates of home health and hospice agencies and patients. Table 1 reflects agency level data based on whether the agency was selected in the sample as a hospice or as a home health agency. Type of agency was determined prior to sample selection from information collected through the Agency Reporting System (5) and the 1991 National Health Provider Inventory (6). Four categories of agencies (hospices, home health agencies, mixed agencies (those providing both types of care), and agencies whose type of care was unknown, were considered for selection. The universe was divided into two groups: (a) hospices only, and (b) home health agencies, which included mixed agencies and agencies whose type of

care was unknown. All of the remaining tables (2–61) contain data about patients receiving care in these agencies. Patients are classified in the tables based on the type of care they were reported as receiving and not by the type of agency where the care was received. For example, it is not uncommon for home health agencies to provide hospice care to patients on their rosters.

Patients in the sample are classified as to whether they are a “current patient” or a “discharge”; the term “current patients” refers to patients still on the roster of the facility, and the term “discharge” refers to patients who completed an episode of care during the sample month. Certain data may seem identical, but will have different labels and reflect differences in source (home health or hospice care), perspective (length of service since admission for current patient or length of service for discharges that covers the completed episode of care), and reference period (current patients or discharges).

The four appendixes in this report provide technical assistance and background material about the survey. Information included in appendix I will assist the reader in interpreting the estimates presented in this report. Estimates are subject to sampling errors because they are based on a sample of home health and hospice agencies and their patients and discharges, rather than on a complete enumeration. Therefore, particular attention should be paid to the section in appendix I entitled “Reliability of the estimates” where sampling errors are presented. Definitions of terms and copies of the forms used to collect the data are included in appendixes II and III, respectively, and will also assist the reader in understanding these data. Appendix IV consists of letters from organizations that endorsed the survey.

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**Table 1. Number and percent distribution of home health agencies and hospices by selected agency characteristics, according to type of agency: United States, 1993**

Agency characteristic	All agencies		Home health agency		Hospice	
	Number	Percent distribution	Number	Percent distribution	All agencies	
					Number	Percent distribution
Total	8,400	100.0	7,400	100.0	1,000	100.0
Ownership						
Proprietary	2,800	33.1	2,700	37.1	( <sup>1</sup> )	( <sup>1</sup> )
Voluntary nonprofit	4,100	48.5	3,100	42.5	900	93.9
Government and other	1,500	18.4	1,500	20.3	( <sup>1</sup> )	( <sup>1</sup> )
Certification						
Medicare <sup>2</sup> :						
Home health agency	6,300	75.3	6,100	82.7	200	19.9
Hospice	1,700	20.4	1,000	14.1	700	67.6
Medicaid <sup>2</sup> :						
Home health agency	6,300	74.9	6,100	82.5	200	18.5
Hospice	1,500	17.4	900	11.7	600	60.0
Affiliation						
Chain	3,700	44.0	3,400	46.3	300	27.1
Independent	4,700	55.9	4,000	53.7	700	72.8
Operated by a hospital	2,300	27.2	2,000	27.0	300	27.9
Operated by a nursing home	100	1.2	100	1.4	( <sup>1</sup> )	( <sup>1</sup> )
Non-facility based	6,000	71.5	5,300	71.6	700	72.1
Geographic region						
Northeast	1,800	21.8	1,700	22.4	200	17.0
Midwest	2,400	28.3	2,100	28.1	300	29.8
South	3,000	35.7	2,700	36.0	300	33.3
West	1,200	14.3	1,000	13.5	200	19.9
Location						
MSA <sup>3</sup>	4,900	58.3	4,400	59.2	500	52.0
Not MSA <sup>3</sup>	3,500	41.7	3,000	40.8	500	48.0

<sup>1</sup>Number is greater than zero but less than 50.

<sup>2</sup>The sum of certified agencies exceeds the total number of agencies because some of the agencies have dual certification.

<sup>3</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 2. Number of current patients receiving home health care by selected agency characteristics and age, sex, and race of patient: United States, 1993**

Agency characteristic	Age								Sex		Race			
	All patients	Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
												Total <sup>1</sup>	Black	Unknown
Total	1,451,200	90,400	93,300	176,400	348,000	460,600	271,700	10,800	493,900	957,300	987,400	238,800	199,000	225,000
Ownership														
Proprietary	393,700	20,900	29,900	50,100	93,200	129,100	69,800	*	134,100	259,600	257,700	60,100	56,300	75,900
Voluntary nonprofit	857,200	52,800	49,200	92,300	223,200	270,800	161,400	7,400	290,600	566,600	585,400	132,400	99,400	139,400
Government and others	200,300	16,700	14,100	34,000	31,600	60,600	40,500	*	69,200	131,100	144,400	46,300	43,300	9,700
Certification														
Certified by Medicare as—														
Home health agency	1,300,500	85,000	77,600	147,000	320,600	414,200	248,600	7,400	449,600	850,800	884,400	211,800	175,400	204,200
Hospice	301,900	24,100	16,400	31,700	73,800	98,500	55,200	*	111,400	190,500	216,300	31,100	26,300	54,500
Certified by Medicaid as—														
Home health agency	1,314,000	86,600	81,500	150,000	320,700	416,300	251,500	7,200	446,800	867,200	890,300	219,900	183,500	203,800
Hospice	244,600	21,800	14,700	26,100	56,200	81,600	41,800	*	90,300	154,200	174,600	27,100	22,300	42,900
Affiliation														
Chain	632,700	38,200	41,200	64,600	145,900	206,400	132,100	*	214,600	418,100	433,500	86,900	78,300	112,300
Operated by a hospital	374,500	11,900	21,300	32,500	95,900	129,100	82,800	*	134,300	240,200	272,200	42,400	37,400	59,800
Geographic region														
Northeast	505,600	48,400	36,100	59,000	131,100	140,500	87,500	*	173,000	332,600	342,100	79,100	53,500	84,400
Midwest	268,300	11,200	17,900	35,900	64,200	94,100	44,000	*	94,100	174,200	197,000	26,500	24,300	44,700
South	483,400	25,700	23,900	56,900	115,900	162,500	95,600	*	159,200	324,200	310,700	119,100	114,000	53,600
West	193,900	*	15,400	24,700	36,800	63,500	44,500	*	67,600	126,300	137,600	14,000	7,100	42,300
Location														
MSA <sup>2</sup>	1,063,300	69,500	75,300	131,900	263,000	324,300	192,700	6,600	366,800	696,500	696,400	177,500	139,800	189,400
Not MSA <sup>2</sup>	387,900	20,900	18,000	44,600	85,000	136,300	79,000	*	127,100	260,800	291,000	61,300	59,200	35,600

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 3. Percent distribution of current patients receiving home health care by selected agency characteristics, according to age, sex, and race: United States, 1993**

Agency characteristic	Age								Sex		Race				
	All patients	Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	Black and other				
											White	Total <sup>1</sup>	Black	Unknown	
Total	100.0	5.6	7.1	12.4	23.2	32.4	18.7	0.7	34.2	65.8	71.0	14.1	12.7	14.8	
Ownership															
Proprietary	100.0	5.9	8.5	12.7	22.0	31.6	18.7	0.6	33.3	66.7	69.0	13.5	12.6	17.5	
Voluntary nonprofit	100.0	5.2	5.8	11.4	24.8	33.3	18.9	0.6	34.3	65.7	71.3	13.9	12.0	14.8	
Government and others	100.0	6.1	8.7	15.8	19.6	30.8	17.5	1.5	36.0	64.0	75.0	17.2	15.9	7.8	
Certification															
Certified by Medicare as—															
Home health agency	100.0	5.6	6.5	11.5	23.9	33.2	18.7	0.6	34.6	65.4	71.5	13.5	12.1	15.0	
Hospice	100.0	6.9	6.2	13.4	23.7	32.5	16.8	0.5	36.8	63.2	70.9	11.7	10.0	17.4	
Certified by Medicaid as—															
Home health agency	100.0	5.6	6.9	11.8	23.7	32.9	18.4	0.6	34.2	65.8	71.5	14.1	12.7	14.4	
Hospice	100.0	6.9	6.4	13.1	23.9	32.5	16.5	0.6	37.0	63.0	71.0	13.0	11.0	16.0	
Affiliation															
Chain	100.0	5.3	6.9	10.9	23.2	32.7	20.2	0.7	33.9	66.1	69.6	14.1	12.7	16.3	
Operated by a hospital	100.0	3.5	5.1	9.7	26.1	35.9	19.4	0.3	36.3	63.7	73.1	12.2	10.9	14.7	
Geographic region															
Northeast	100.0	7.3	7.7	12.8	22.8	29.5	18.9	1.0	32.6	67.4	73.7	10.7	9.2	15.6	
Midwest	100.0	5.1	6.5	12.7	24.6	34.4	16.3	0.5	32.9	67.1	73.8	11.6	10.8	14.6	
South	100.0	4.9	6.3	12.3	22.8	33.4	19.7	0.6	34.5	65.5	67.4	21.5	20.7	11.0	
West	100.0	4.1	8.7	11.2	22.7	33.1	19.5	0.7	38.7	61.3	69.3	8.3	4.3	22.4	
Location															
MSA <sup>2</sup>	100.0	5.6	7.7	12.4	23.3	31.8	18.7	0.6	34.6	65.4	68.4	14.9	13.2	16.7	
Not MSA <sup>2</sup>	100.0	5.4	5.3	12.2	22.9	34.6	18.5	1.2	32.6	67.4	79.9	11.5	10.8	8.5	

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 4. Number of current patients receiving home health care, percent distribution by length of service since admission, and average length of service, according to selected agency characteristics: United States, 1993**

Agency characteristic	All current patients	Total	Length of service since admission									Average length of service since admission
			2 weeks or less	15–30 days	31–60 days	61–90 days	91–180 days	181–364 days	1 year to less than 2 years	2 years or more	Unknown	
			Number	Percent distribution								
All patients . . . . .	1,451,200	100.0	7.5	9.6	14.9	8.8	15.8	15.2	14.2	14.0	0.1	353.8
Ownership												
Proprietary . . . . .	393,700	100.0	6.6	6.7	13.9	9.5	16.8	16.7	16.0	13.8	–	344.3
Voluntary nonprofit . . . . .	857,200	100.0	8.6	11.4	16.3	9.0	16.2	14.0	12.2	12.3	0.1	312.4
Government . . . . .	191,400	100.0	4.0	7.2	10.9	7.2	12.5	17.2	19.4	21.5	0.2	556.3
Certification												
Certified by Medicare as—												
Home health agency . . . . .	1,300,500	100.0	8.0	10.3	15.7	9.2	16.2	15.1	13.5	11.9	0.1	309.6
Hospice . . . . .	301,900	100.0	7.8	10.3	18.5	7.8	16.1	12.4	14.2	12.7	0.1	306.4
Certified by Medicaid as—												
Home health agency . . . . .	1,314,000	100.0	7.7	10.0	15.3	8.9	15.8	15.0	14.2	13.1	0.1	335.1
Hospice . . . . .	244,600	100.0	9.4	10.6	19.3	7.2	14.9	12.2	13.6	12.5	0.2	306.1
Affiliation												
Chain . . . . .	632,700	100.0	8.1	10.8	14.9	8.5	14.4	14.8	15.8	12.6	0.0	326.1
Operated by a hospital . . . . .	374,500	100.0	10.1	14.4	16.5	9.6	15.2	13.0	12.7	8.5	0.1	238.0
Geographic region												
Northeast . . . . .	505,600	100.0	8.1	8.8	15.7	9.6	17.5	15.3	12.8	12.1	0.0	318.7
Midwest . . . . .	268,300	100.0	6.4	9.8	12.5	6.8	15.9	16.8	14.1	17.7	–	409.3
South . . . . .	483,400	100.0	6.1	7.8	13.5	9.4	14.9	15.4	16.2	16.6	0.1	405.5
West . . . . .	193,900	100.0	10.9	16.0	19.2	8.1	13.7	12.0	13.0	6.9	0.2	239.7
Location												
MSA <sup>1</sup> . . . . .	1,063,300	100.0	8.5	9.6	15.3	9.4	16.7	14.6	12.6	13.2	0.1	331.4
Not MSA <sup>1</sup> . . . . .	387,900	100.0	4.7	9.7	13.6	7.2	13.5	16.6	18.5	16.1	0.1	415.4

<sup>1</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 5. Number of current patients receiving home health care by primary source of payment and selected agency characteristics: United States, 1993**

Agency characteristic	Primary source of payment							Unknown or no charge for care
	All sources	Private insurance	Own income or family support	Medicare	Medicaid	Other government assistance or welfare	All other sources	
Total	1,451,200	93,700	34,300	891,100	240,800	51,600	45,600	36,300
Ownership								
Proprietary	393,700	38,700	12,700	244,500	53,500	14,600	13,000	*
Voluntary nonprofit	857,200	50,400	18,700	551,300	132,500	26,000	24,600	31,700
Government and others	200,300	*	*	95,300	54,800	11,100	7,900	*
Certification								
Certified by Medicare as—								
Home health agency	1,300,500	81,100	23,100	878,700	200,200	37,500	33,800	10,300
Hospice	301,900	19,700	7,300	211,000	41,300	9,800	*	*
Certified by Medicaid as—								
Home health agency	1,314,000	80,200	21,900	856,300	225,100	40,400	36,300	15,200
Hospice	244,600	18,100	6,800	163,900	37,800	7,100	*	*
Affiliation								
Chain	632,700	54,500	17,000	396,700	93,700	18,400	14,400	*
Operated by a hospital	374,500	21,800	8,500	283,400	33,300	*	6,600	*
Geographic region								
Northeast	505,600	32,800	6,900	282,100	122,500	11,700	26,200	7,100
Midwest	268,300	21,900	16,900	151,000	36,000	24,400	9,400	*
South	483,400	24,300	6,800	333,400	69,500	11,600	6,700	8,800
West	193,900	14,700	*	124,700	12,800	*	*	16,000
Location								
MSA <sup>1</sup>	1,063,300	80,600	26,800	629,500	173,200	38,800	37,600	26,600
Not MSA <sup>1</sup>	387,900	13,100	7,500	261,700	67,600	12,800	8,000	9,700

<sup>1</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 6. Percent distribution of current patients receiving home health care by selected agency characteristics, according to primary source of payment: United States, 1993**

Agency characteristic	Primary source of payment at admission							
	All sources	Private insurance	Own income or family support	Medicare	Medicaid	Other government assistance or welfare	All other sources	Unknown or no charge for care
Total	100.0	8.2	4.0	59.4	15.1	3.9	3.6	2.1
Ownership								
Proprietary	100.0	11.3	5.6	57.9	13.2	4.2	5.1	0.4
Voluntary nonprofit	100.0	7.3	3.4	63.3	14.5	3.3	2.3	2.8
Government	100.0	3.7	2.6	46.8	23.0	5.8	5.3	4.4
Certification								
Certified by Medicare as—								
Home health agency	100.0	7.7	2.3	67.3	13.8	3.0	2.3	1.2
Hospice	100.0	8.8	2.7	68.0	12.9	2.3	1.5	2.2
Certified by Medicaid as—								
Home health agency	100.0	7.5	2.4	64.8	16.0	3.1	2.6	1.3
Hospice	100.0	9.1	2.9	67.1	13.4	2.0	1.6	2.3
Affiliation								
Chain	100.0	8.9	3.7	62.6	13.3	3.0	3.5	1.5
Operated by a hospital	100.0	6.5	2.6	75.4	8.7	1.2	1.9	1.1
Geographic region								
Northeast	100.0	9.1	4.1	50.6	22.2	2.4	5.6	2.2
Midwest	100.0	8.6	6.5	55.4	12.9	9.1	3.3	1.6
South	100.0	6.7	2.4	68.6	13.2	2.4	1.8	1.3
West	100.0	9.1	3.6	63.2	7.9	2.5	3.9	4.8
Location								
MSA <sup>1</sup>	100.0	9.1	4.1	58.7	14.9	4.0	3.9	1.8
Not MSA <sup>1</sup>	100.0	5.1	3.8	61.8	15.8	3.7	2.5	3.2

<sup>1</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.



**Table 7. Number of current patients receiving home health care, percent distribution by length of service since admission, and average length of service, according to selected patient characteristics: United States, 1993**

Patient characteristic	All current patients	Total	Length of service since admission									Average length of service since admission
			2 weeks or less	15–30 days	31–60 days	61–90 days	91–180 days	181–364 days	1 year to less than 2 years	2 years or more	Unknown	
			Percent distribution									
Total	1,451,200	100.0	7.5	9.6	14.9	8.8	15.8	15.2	14.2	14.0	0.1	353.8
Age												
Under 18 years	90,400	100.0	5.9	7.2	14.3	5.9	11.1	25.0	14.1	16.4	–	419.4
18–44 years	93,300	100.0	7.0	12.7	15.2	7.8	14.6	9.7	16.5	16.6	–	380.9
45–64 years	176,400	100.0	9.4	8.9	17.5	8.5	12.5	11.5	13.1	18.6	–	482.1
65–74 years	348,000	100.0	7.0	10.4	14.4	11.0	18.7	14.8	9.6	14.1	–	333.6
75–84 years	460,600	100.0	8.4	9.7	13.6	8.0	16.0	15.8	15.6	12.8	–	333.2
85 years and over	271,700	100.0	6.1	8.4	15.3	9.3	16.4	15.6	17.8	11.1	0.1	303.1
Unknown	10,800	100.0	3.9	15.4	31.8	1.0	4.7	11.6	8.3	14.9	8.4	278.6
Sex												
Male	493,900	100.0	9.1	10.2	14.4	9.8	17.5	12.8	13.4	12.7	0.2	323.1
Female	957,300	100.0	6.6	9.3	15.1	8.3	15.0	16.4	14.6	14.6	0.0	369.7
Race												
White	987,400	100.0	8.0	9.5	14.7	7.9	15.0	16.0	14.7	14.3	0.0	369.6
Black and other <sup>1</sup>	238,800	100.0	5.0	7.7	12.0	11.7	18.9	15.9	14.1	14.6	0.1	364.2
Black	199,000	100.0	5.2	7.5	12.3	9.3	20.7	13.6	15.4	15.7	0.2	384.1
Unknown	225,000	100.0	7.9	12.1	18.7	10.1	16.2	10.7	12.0	12.0	0.3	273.7
Hispanic origin												
Hispanic	82,700	100.0	2.2	10.0	12.3	16.4	12.9	20.3	16.1	9.8	–	321.2
Non-Hispanic	935,500	100.0	6.6	8.2	14.4	8.2	15.5	16.0	14.7	16.4	0.1	401.9
Unknown	433,000	100.0	10.3	12.7	16.4	8.7	17.1	12.3	12.8	9.6	0.1	256.2
Marital status at admission												
Married	426,200	100.0	7.5	11.2	16.8	9.3	19.8	13.3	12.9	9.2	–	270.1
Widowed	545,200	100.0	6.0	8.2	14.1	7.5	16.1	18.2	15.3	14.6	–	363.6
Divorced or separated	74,300	100.0	18.5	9.3	15.3	5.9	11.1	12.4	10.1	17.5	–	412.5
Single or never married	251,700	100.0	5.7	10.2	13.8	7.4	12.3	15.5	15.5	19.5	–	464.6
Unknown	153,800	100.0	10.0	9.4	13.7	15.9	12.1	10.1	13.7	14.3	0.7	341.7
Current residence												
Private or semiprivate residence	1,383,700	100.0	7.5	9.3	14.9	8.9	15.9	15.3	14.2	13.9	*	351.7
Board and care or residential care facility	30,300	100.0	5.9	12.5	12.5	7.7	14.6	16.3	11.3	19.2	–	491.6
Other health facility (including mental health facility)	12,200	100.0	11.0	21.4	16.8	7.1	13.0	1.2	6.3	23.2	*	438.8
Other or unknown	25,000	100.0	5.7	15.2	13.7	5.8	14.7	14.7	22.5	5.6	2.3	264.8
Current living arrangements												
Alone	498,000	100.0	8.7	8.6	13.2	8.0	11.8	15.2	16.2	18.3	0.1	432.5
With family members	843,000	100.0	6.5	9.9	15.8	9.6	18.5	14.9	13.2	11.5	0.0	305.4
Only with nonfamily members	76,500	100.0	9.6	10.3	12.9	7.8	14.5	17.9	12.5	14.5	*	405.1
Unknown	21,500	100.0	9.2	13.0	23.3	1.9	9.5	20.1	17.8	2.6	2.6	198.8
Primary caregiver												
No primary caregiver or unknown	422,700	100.0	9.4	8.0	12.3	7.4	15.1	16.0	16.0	15.6	0.1	392.4
Has primary caregiver	1,028,500	100.0	6.6	10.3	15.9	9.4	16.2	14.8	13.4	13.3	0.1	338.0
Referral source												
Self or family	134,000	100.0	1.4	7.5	10.9	4.4	13.2	20.3	18.9	23.3	–	567.8
Nursing home	32,400	100.0	8.5	13.2	12.8	6.6	29.3	5.4	16.1	8.2	–	265.1
Hospital	484,600	100.0	9.1	12.6	17.7	10.2	15.8	13.9	11.4	9.3	–	244.8
Physician	563,000	100.0	7.8	11.0	16.1	9.2	15.0	14.4	14.1	12.5	–	316.2
Health department	8,600	100.0	1.4	2.7	9.0	8.4	16.9	25.7	9.6	26.3	–	579.9

See footnotes at end of table.

**Table 7. Number of current patients receiving home health care, percent distribution by length of service since admission, and average length of service, according to selected patient characteristics: United States, 1993—Con.**

Patient characteristic	All current patients	Length of service since admission										Average length of service since admission
		Total	2 weeks or less	15–30 days	31–60 days	61–90 days	91–180 days	181–364 days	1 year to less than 2 years	2 years or more	Unknown	
	Number	Percent distribution										Days
Referral source—Continued												
Social service agency . . . . .	107,300	100.0	2.0	3.0	9.2	6.9	13.7	16.5	21.6	27.1	–	628.4
Home health agency . . . . .	28,100	100.0	6.3	5.1	11.0	10.8	15.4	10.4	17.8	23.3	–	485.0
Hospice . . . . .	500	100.0	5.0	16.1	28.7	0.9	1.4	–	47.9	–	–	230.9
Religious organization . . . . .	2,100	100.0	–	18.5	–	–	–	67.4	9.1	5.0	–	289.5
Other . . . . .	87,500	100.0	6.4	6.4	14.6	8.8	14.2	13.2	17.3	18.7	0.4	448.4

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 8. Number of current patients receiving home health care by primary source of payment and selected patient characteristics: United States, 1993**

Patient characteristic	Primary source of payment at admission							Unknown or no charge for care
	All sources	Private insurance	Own income or family support	Medicare	Medicaid	Other government assistance or welfare	All other sources or unknown	
Total	1,451,200	93,700	34,300	891,100	240,800	51,600	45,600	36,300
Age								
Under 65 years	360,200	61,000	9,000	69,900	140,800	20,600	22,700	12,900
65 years and over	1,091,000	32,700	25,300	821,200	100,000	31,000	22,900	23,400
65–74 years	348,000	14,000	*	264,500	31,300	8,800	7,900	*
75–84 years	460,600	9,500	10,000	349,200	41,600	14,000	8,900	12,400
85 years and over	271,700	9,200	9,600	203,200	24,900	8,100	*	*
Unknown	10,800	–	*	*	*	*	*	*
Sex								
Male	493,900	36,700	11,900	284,700	82,200	17,600	26,100	10,300
Female	957,300	57,000	22,400	606,400	158,600	34,100	19,500	26,000
Race								
White	987,400	62,700	28,600	623,600	136,900	38,600	33,400	28,400
Black and other <sup>1</sup>	238,800	7,900	*	128,600	73,100	6,500	6,600	*
Black	199,000	*	*	110,300	57,900	*	*	*
Unknown	225,000	23,000	*	139,000	30,900	6,500	*	*
Hispanic origin								
Hispanic	82,700	*	*	41,300	27,200	*	*	*
Non-Hispanic	935,500	53,600	28,100	570,400	164,700	41,500	24,100	20,000
Unknown	433,000	37,200	*	279,400	48,900	7,000	18,700	14,800
Marital status at admission								
Married	426,200	38,100	9,100	305,500	31,300	9,400	11,100	7,100
Widowed	545,200	16,400	13,800	401,000	57,000	19,400	9,400	12,600
Divorced or separated	74,300	*	*	30,600	16,600	*	9,600	*
Single or never married	251,700	25,600	6,900	70,900	102,700	12,400	10,600	8,600
Unknown	*	*	*	*	*	*	*	–
Current residence								
Private or semiprivate residence	1,383,700	90,000	31,700	852,900	229,200	50,000	41,200	33,500
Board and care or residential care facility	30,300	*	*	16,300	7,200	*	*	*
Other health facility (including mental health facility)	12,200	*	*	8,700	*	–	*	*
Other or unknown	25,000	*	*	13,300	*	*	*	*
Current living arrangements								
Alone	498,000	19,000	14,800	301,500	83,500	25,000	19,700	14,700
With family members	843,000	66,200	16,500	527,700	140,400	24,800	21,100	12,900
Only with nonfamily members	76,500	*	*	45,600	13,200	*	*	*
Unknown	21,500	*	*	7,600	*	*	*	*
Primary caregiver								
No primary caregiver or unknown	422,700	20,900	14,600	248,200	60,900	22,000	22,000	13,100
Has primary caregiver	1,028,500	72,800	19,700	642,900	179,900	29,600	23,600	23,200
Length of service since admission								
1 week or less	41,300	*	*	31,800	*	*	*	*
8–14 days	67,000	6,800	*	38,200	7,300	*	8,700	*
15–30 days	139,400	13,200	*	94,100	14,900	*	*	*
31–59 days	209,800	18,000	*	144,700	23,700	*	6,600	*
60–90 days	134,000	7,900	*	98,000	14,300	*	*	*
91–180 days	229,800	15,300	8,400	159,100	26,800	6,900	*	*
181–364 days	220,000	11,700	8,300	126,800	47,300	*	*	8,500
1 year to less than 2 years	206,000	9,100	*	115,500	42,000	11,100	8,400	*
2 years or more	202,800	6,800	*	82,100	62,100	16,800	9,200	9,000
Unknown	*	–	–	*	*	–	*	–

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 9. Percent distribution of current patients receiving home health care by selected patient characteristics, according to primary source of payment: United States, 1993**

Patient characteristic	Primary source of payment at admission							
	All sources	Private insurance	Own income or family support	Medicare	Medicaid	Other government assistance or welfare	All other sources	Unknown or no charge for care
Total	100.0	8.2	4.0	59.4	15.1	3.9	3.6	2.1
Age								
Under 65 years	100.0	21.9	2.5	21.0	34.2	5.9	6.1	3.3
65 years and over	100.0	3.7	4.5	72.3	8.7	3.2	2.8	1.7
65–74 years	100.0	4.4	2.6	72.3	9.4	3.0	3.1	1.9
75–84 years	100.0	2.9	4.6	74.1	8.2	3.0	2.3	1.8
85 years and over	100.0	4.2	6.4	70.1	8.5	4.0	3.0	1.5
Unknown	100.0	–	10.8	43.2	18.9	2.7	8.1	2.7
Sex								
Male	100.0	9.3	3.2	56.8	15.2	4.0	4.7	2.7
Female	100.0	7.6	4.4	60.8	15.1	3.8	3.0	1.9
Race								
White	100.0	8.2	4.7	61.5	13.1	4.1	3.1	2.1
Black and other <sup>1</sup>	100.0	5.1	1.1	50.4	27.6	3.8	4.8	2.0
Black	100.0	4.7	1.2	51.7	27.6	3.3	5.0	1.8
Unknown	100.0	11.0	3.3	58.1	12.8	3.2	4.7	2.6
Hispanic origin								
Hispanic	100.0	7.1	.3	46.3	28.6	3.7	7.5	2.0
Non-Hispanic	100.0	7.2	5.0	59.5	15.1	4.5	3.2	2.4
Unknown	100.0	10.9	2.4	61.9	12.5	2.6	3.8	1.7
Marital status at admission								
Married	100.0	10.7	3.0	68.7	6.1	2.4	3.5	1.9
Widowed	100.0	4.2	5.5	68.9	10.5	4.0	2.3	2.1
Divorced or separated	100.0	8.7	2.4	47.2	24.4	3.5	5.5	2.8
Single or never married	100.0	13.2	3.4	30.6	34.1	6.1	5.1	2.7
Unknown	100.0	11.1	5.6	38.9	27.8	5.6	5.6	–
Current residence								
Private or semiprivate residence	100.0	8.3	3.8	59.9	14.9	4.0	3.5	2.1
Board and care or residential care facility	100.0	4.8	8.6	54.3	16.2	1.9	3.8	4.8
Other health facility (including mental health facility)	100.0	8.8	5.9	47.1	23.5	–	8.8	2.9
Other or unknown	100.0	6.0	9.0	45.0	22.0	4.0	6.0	3.0
Current living arrangements								
Alone	100.0	4.8	5.4	59.7	14.8	5.4	3.6	2.5
With family members	100.0	10.1	2.9	60.3	15.0	3.3	3.5	1.7
Only with nonfamily members	100.0	7.3	6.3	54.9	17.1	2.2	3.2	4.4
Unknown	100.0	14.8	8.2	41.0	16.4	1.6	8.2	3.3
Primary caregiver								
No primary caregiver or unknown	100.0	6.3	5.1	56.8	14.0	6.1	4.3	2.5
Has primary caregiver	100.0	8.9	3.6	60.4	15.6	3.1	3.3	2.0
Length of service since admission								
1 week or less	100.0	15.1	3.1	67.9	6.3	0.6	2.5	1.9
8–14 days	100.0	10.7	1.6	64.7	10.7	1.2	2.0	3.2
15–30 days	100.0	10.7	2.4	68.2	10.3	.9	1.7	2.6
31–59 days	100.0	10.9	1.6	69.9	9.0	1.9	3.7	1.0
60–90 days	100.0	8.0	2.6	68.7	11.3	2.8	2.0	1.5
91–180 days	100.0	8.9	4.8	61.4	13.2	3.4	4.0	1.5
181–364 days	100.0	6.2	5.9	59.4	15.6	4.1	3.6	2.2
1 year to less than 2 years	100.0	6.4	4.5	52.0	20.4	5.6	4.5	1.2
2 years or more	100.0	5.1	6.0	40.1	25.9	8.6	5.1	4.6
Unknown	100.0	–	–	50.0	25.0	–	25.0	–

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 10. Number of current patients receiving home health care by selected living and care arrangements, age, sex, and race: United States, 1993**

Living and care arrangements	Number of patients	Age							Sex		Race			
		Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
												Total <sup>1</sup>	Black	Unknown
All patients	1,451,200	90,406	88,530	176,447	347,983	460,558	271,690	10,808	493,907	957,297	987,402	238,803	198,950	225,000
Current residence														
Private or semiprivate residence	1,383,700	89,021	82,589	167,987	336,292	442,058	251,962	9,408	470,902	912,771	943,823	231,408	192,099	208,442
Board and care or residential care facility	30,300	192	2,052	5,014	5,861	4,845	12,348	–	9,750	20,562	18,408	3,989	3,989	7,915
Other health facility (including mental health facility)	12,200	227	2,273	1,757	78	5,410	2,426	–	6,636	5,550	10,046	–	–	2,141
Other or unknown	25,000	967	1,615	1,689	5,751	8,246	4,954	1,400	6,619	18,414	15,125	3,406	2,862	6,502
Current living arrangements														
Alone	498,000	–	17,509	64,064	111,781	184,397	117,177	2,790	100,891	397,098	359,308	59,182	54,045	79,498
With family members	843,000	86,534	55,098	97,007	218,674	245,533	132,653	3,680	350,021	492,968	550,152	170,685	136,606	122,152
Only with nonfamily members	76,500	3,130	10,760	8,618	14,224	20,667	17,844	617	31,000	45,549	53,469	7,793	7,156	15,287
Unknown	21,500	516	2,888	5,000	3,226	4,551	1,590	3,720	5,359	16,133	14,426	1,144	1,144	5,922
Primary caregiver														
No primary caregiver or unknown	422,700	256	24,235	69,535	107,866	138,376	77,329	5,088	94,449	328,237	301,062	57,314	51,206	64,309
Has primary caregiver	1,028,500	90,150	64,295	106,912	240,117	322,183	194,360	5,720	399,459	629,061	686,339	181,490	147,745	160,691
Caregiver relationship														
Spouse	349,600	593	17,628	47,509	125,873	124,878	30,728	2,380	195,331	154,258	261,426	33,760	28,493	54,402
Parent	116,900	81,192	22,884	5,800	767	508	1,111	1,156	64,031	52,893	68,223	31,858	20,340	16,842
Child	315,800	921	1,312	22,943	64,855	129,287	95,694	803	57,549	258,267	193,787	75,633	62,296	46,396
Daughter- or son-in-law	7,600	–	243	675	975	2,164	3,310	–	2,093	5,548	4,671	1,097	848	1,873
Other relative	112,000	4,683	6,338	11,052	31,662	30,820	26,970	210	34,722	77,230	76,702	23,115	21,312	12,134
Neighbor	*	–	–	188	1,365	1,480	1,518	–	1,217	3,333	3,289	671	671	590
Friend	36,000	–	6,770	5,957	4,898	10,499	7,161	318	12,888	23,096	27,064	4,725	4,674	4,195
Volunteer group	*	–	16	–	–	1,021	23	–	1,060	–	23	–	–	1,037
Unknown	16,300	–	733	2,173	4,402	3,904	4,167	855	6,760	9,559	9,581	1,993	1,323	4,745

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 11. Number of current patients receiving home health care by type of aids used and selected functional status, age, sex, and race: United States, 1993**

Aids used and functional status	Total	Age							Sex		Race			
		Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
												Total <sup>1</sup>	Black	Unknown
All patients	1,451,200	90,400	93,300	176,400	348,000	460,600	271,700	10,800	493,900	957,300	987,400	238,800	199,000	225,000
Aids currently used														
Eyeglasses or contact lenses	725,900	*	22,800	81,300	181,100	278,400	156,500	*	220,200	505,700	546,100	93,300	77,800	86,500
Dentures	370,500	–	*	33,400	91,000	149,700	94,000	*	108,200	262,200	276,900	56,800	44,800	36,800
Hearing aid	98,200	*	*	*	11,300	40,900	41,600	*	30,000	68,200	74,500	*	*	19,100
Wheelchair	292,700	9,800	34,300	43,500	72,300	78,400	53,200	*	113,200	179,600	204,200	43,300	40,000	45,200
Cane	313,300	*	6,700	27,800	75,800	117,600	83,600	*	96,300	217,100	210,600	63,800	48,100	38,900
Walker	486,400	*	10,200	31,300	124,200	182,900	134,200	*	129,300	357,100	351,800	68,400	56,300	66,200
Crutches	18,100	*	*	5,900	*	*	*	*	7,800	10,300	10,600	*	*	*
Brace	25,800	*	*	*	8,600	*	*	–	12,000	13,900	22,100	*	*	*
Oxygen	72,600	*	*	8,700	20,900	23,000	11,500	–	24,100	48,500	53,600	6,100	*	12,900
Hospital bed	170,500	*	15,400	21,300	40,800	56,400	30,900	*	74,900	95,600	121,600	28,900	26,600	20,100
Commode	194,800	*	7,800	15,700	46,800	65,400	57,000	*	46,600	148,200	137,400	34,100	31,100	23,300
Transfer equipment	49,800	*	*	7,900	11,400	15,600	6,100	–	21,000	28,800	34,500	9,700	9,000	5,500
Other aids or devices	253,000	21,300	17,500	32,900	70,700	67,700	39,700	*	83,800	169,200	169,600	49,100	39,600	34,200
No aids used or unknown	1,369,500	83,500	88,900	159,400	329,400	437,500	261,500	9,200	457,100	912,400	937,600	227,700	189,000	204,200
Contenance														
Difficulty controlling bowels	176,600	13,200	13,100	14,900	33,700	57,600	43,000	*	70,400	106,100	124,000	30,300	28,600	22,300
Difficulty controlling bladder	276,000	14,300	15,300	21,800	60,400	98,200	65,000	*	105,700	170,300	197,600	43,800	41,600	34,600
Vision														
Not impaired	1,021,200	81,300	73,100	127,300	256,800	315,100	167,500	*	370,400	686,300	698,300	185,200	148,400	173,200
Partially impaired	229,900	*	8,700	23,600	56,400	83,100	55,200	*	68,200	161,700	172,100	28,900	27,900	28,900
Severely impaired	79,800	*	*	6,400	16,500	28,800	22,700	*	25,700	54,100	60,400	7,800	7,300	11,600
Completely lost	42,800	*	*	*	6,000	15,400	11,600	–	14,100	28,700	28,900	9,200	8,700	*
Unknown	29,000	*	*	*	*	8,500	11,100	*	22,800	712,800	726,000	192,900	155,000	179,800
Hearing														
Not impaired	1,131,400	84,900	86,100	156,000	291,600	348,300	164,500	*	405,900	776,200	788,600	213,000	175,300	180,500
Partially impaired	190,800	*	*	10,800	33,800	72,900	68,000	*	65,900	125,000	147,700	14,200	13,700	28,900
Severely impaired	43,500	*	*	*	*	14,600	21,400	–	13,100	30,400	32,500	*	*	6,600
Completely lost	6,200	–	*	*	*	*	*	–	*	*	*	*	*	*
Unknown	28,300	*	*	*	*	8,400	12,600	*	*	22,900	16,300	*	*	7,900
Received help with ADL's														
Bathing	704,300	13,500	34,900	64,100	170,200	253,600	165,200	*	211,900	492,300	484,600	114,500	97,000	105,100
Dressing	604,700	11,600	30,600	51,600	142,500	224,800	141,200	*	190,300	414,400	412,400	107,500	90,200	84,800
Eating	172,000	10,300	14,000	14,800	31,300	58,600	42,300	*	57,000	115,100	115,800	32,700	30,600	23,600
Transferring	460,900	10,000	27,300	41,500	104,400	167,900	107,600	*	151,300	309,600	305,600	80,400	74,700	75,000
Walking	435,700	6,400	15,900	35,200	106,500	159,400	110,800	*	135,200	300,500	292,500	71,600	56,800	71,600
Using toilet room	343,800	7,400	20,900	27,200	79,700	122,600	84,200	*	111,100	232,700	226,300	64,800	53,200	52,700

See footnotes at end of table.

Table 11. Number of current patients receiving home health care by type of aids used and selected functional status, age, sex, and race: United States, 1993—Con.

Aids used and functional status	Total	Age							Sex		Race			
		Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
												Total <sup>1</sup>	Black	Unknown
Received help in IADL's														
Doing light housework . . . . .	501,000	*	31,400	51,300	122,400	178,600	111,200	*	132,400	368,600	344,900	77,500	62,200	78,600
Managing money . . . . .	29,300	*	*	*	*	9,200	8,000	–	6,100	23,200	21,400	*	*	*
Shopping . . . . .	189,800	*	16,300	23,700	41,300	67,900	37,800	*	38,200	151,600	119,600	38,500	33,700	31,700
Using the telephone . . . . .	47,700	*	*	5,800	8,900	20,300	7,500	–	9,100	38,700	25,400	16,300	15,700	6,000
Preparing meals . . . . .	341,700	*	27,600	32,900	80,900	121,300	72,500	*	96,100	245,600	222,900	65,000	51,600	53,800
Taking medications . . . . .	370,400	18,800	24,900	45,700	81,900	120,200	76,600	*	123,500	246,900	251,700	61,800	55,000	56,800
Functional status in ADL's and IADL's														
Received no help in either ADL's or IADL's . . . . .	507,800	61,900	37,900	68,900	120,700	139,700	73,300	5,500	198,500	309,400	337,700	90,000	69,500	80,100
Received help in IADL's only . . . . .	179,600	12,700	17,500	36,600	43,400	45,800	21,600	*	62,600	117,000	127,900	26,600	25,600	25,200
Received help in 1 ADL . . . . .	97,100	*	*	12,000	25,000	30,800	20,400	*	22,900	74,200	72,000	7,000	6,300	18,100
Received help in 2 ADL's . . . . .	202,500	*	6,900	20,400	50,600	77,200	45,400	*	58,000	144,500	144,600	22,900	19,900	35,000
Received help in 3 ADL's . . . . .	181,100	*	5,700	16,000	52,000	61,600	42,700	*	59,400	121,600	111,400	43,400	31,100	26,300
Received help in 4 ADL's . . . . .	174,800	*	10,400	14,100	35,400	70,000	39,800	*	57,900	116,900	119,800	27,700	26,600	27,400
Received help in 5 ADL's . . . . .	108,200	*	10,100	8,400	20,900	35,500	28,400	*	34,600	73,700	74,100	21,200	20,000	12,900

<sup>1</sup>Includes races other than white, black, or unknown.

NOTES: Numbers may not add to totals because of rounding. ADL is activities of daily living and IADL is instrumental activities of daily living.

**Table 12. Percent distribution of current patients receiving home health care by type of aids used and selected functional status, according to age, sex, and race: United States, 1993**

Aids used and functional status	Age								Sex		Race			
	Total	Under 18 years	18-44 years	45-64 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
												Total <sup>1</sup>	Black	Unknown
All patients . . . . .	100.0	5.6	7.1	12.4	23.2	32.4	18.7	0.7	34.2	65.8	71.0	14.1	12.7	14.8
Aids currently used														
Eyeglasses or contact lenses . . . . .	100.0	0.6	3.2	11.9	23.9	38.3	21.6	0.5	30.8	69.2	78.2	10.9	10.0	10.9
Dentures . . . . .	100.0	—	0.7	9.3	23.9	40.3	25.5	0.3	28.9	71.1	79.0	11.6	10.6	9.5
Hearing aid . . . . .	100.0	0.5	1.6	3.1	12.4	42.9	39.0	0.5	32.6	67.4	78.6	4.9	4.4	16.5
Wheelchair . . . . .	100.0	4.5	10.7	15.2	24.5	27.2	17.4	0.5	37.9	62.1	72.1	14.2	12.8	13.7
Cane . . . . .	100.0	0.1	2.6	9.2	23.4	40.4	23.9	0.4	30.7	69.3	72.8	16.2	14.6	11.0
Walker . . . . .	100.0	0.6	2.6	7.9	24.1	37.7	26.6	0.4	28.0	72.0	75.2	11.3	10.5	13.5
Crutches . . . . .	100.0	2.7	21.3	29.3	18.7	21.3	4.0	2.7	49.3	50.7	56.0	20.0	17.3	24.0
Brace . . . . .	100.0	19.0	12.0	19.7	26.1	16.2	7.0	—	41.5	58.5	81.7	12.0	7.7	6.3
Oxygen . . . . .	100.0	9.9	3.7	13.3	31.0	30.7	11.5	—	37.8	62.2	76.2	11.8	9.9	12.1
Hospital bed . . . . .	100.0	3.4	9.5	13.4	24.1	30.0	18.8	0.7	42.9	57.1	71.4	18.0	16.1	10.6
Commode . . . . .	100.0	0.6	3.0	9.6	24.4	36.4	25.6	0.4	27.4	72.6	72.6	15.5	14.1	11.9
Transfer equipment . . . . .	100.0	3.8	16.2	17.1	22.9	27.1	12.9	—	37.6	62.4	74.8	15.7	14.3	9.5
Other aids or devices . . . . .	100.0	7.8	7.8	14.5	25.5	28.8	15.3	0.2	39.8	60.2	73.8	11.3	10.4	15.0
No aids used or unknown . . . . .	100.0	5.5	7.1	12.3	23.0	32.7	18.9	0.5	34.1	65.9	71.8	14.1	12.6	14.1
Contenance														
Difficulty controlling bowels . . . . .	100.0	10.0	7.8	8.2	19.1	31.8	22.3	0.8	38.1	61.9	71.6	16.1	14.7	12.3
Difficulty controlling bladder . . . . .	100.0	6.8	6.4	7.8	21.1	33.4	24.1	0.4	36.9	63.1	73.9	15.1	14.1	11.0
Vision														
Not impaired . . . . .	100.0	6.8	8.3	13.4	23.9	31.1	16.5	*	35.8	64.2	69.8	14.4	12.7	15.8
Partially impaired . . . . .	100.0	1.2	2.5	9.0	24.6	37.3	24.7	0.7	28.5	71.5	77.6	10.3	9.8	12.1
Severely impaired . . . . .	100.0	3.9	3.9	9.7	18.6	39.1	24.4	0.4	31.2	68.8	73.5	14.3	13.6	12.2
Completely lost . . . . .	100.0	9.3	8.0	10.5	13.6	34.0	24.7	—	34.0	66.0	70.4	19.1	16.7	10.5
Unknown . . . . .	100.0	*	*	*	*	34.3	32.3	*	*	73.7	57.6	21.2	20.2	*
Hearing														
Not impaired . . . . .	100.0	6.9	8.5	14.3	25.3	30.6	14.4	*	34.0	66.0	69.4	15.4	13.7	15.2
Partially impaired . . . . .	100.0	1.8	0.9	3.9	15.8	42.8	33.8	0.9	35.5	64.5	80.5	7.8	7.4	11.7
Severely impaired . . . . .	100.0	1.2	1.8	5.4	12.0	36.1	43.4	—	32.5	67.5	76.5	10.2	9.0	13.3
Completely lost . . . . .	100.0	—	18.8	6.3	25.0	18.8	31.3	—	37.5	62.5	50.0	18.8	12.5	31.3
Unknown . . . . .	100.0	*	*	*	*	30.5	15.0	*	*	76.3	58.1	*	*	29.0
Received help with ADL's <sup>2</sup>														
Bathing . . . . .	100.0	3.2	4.9	9.7	23.1	36.3	22.2	0.6	30.3	69.7	72.3	13.3	12.1	14.3
Dressing . . . . .	100.0	3.7	5.1	9.5	22.5	36.5	22.2	0.6	31.4	68.6	72.6	14.2	12.8	13.2
Eating . . . . .	100.0	10.8	7.3	9.9	17.2	30.8	22.9	1.2	36.7	63.3	72.7	15.2	13.8	12.1
Transferring . . . . .	100.0	3.8	5.6	9.8	22.7	35.2	22.1	0.7	33.8	66.2	71.0	14.0	12.7	15.0
Walking . . . . .	100.0	2.3	3.5	9.5	23.3	36.6	24.2	0.6	31.7	68.3	71.7	12.8	11.6	15.5
Using toilet room . . . . .	100.0	3.6	5.5	9.2	21.1	35.8	24.1	0.7	32.1	67.9	72.9	12.8	11.9	14.3
Received help in IADL's														
Doing light housework . . . . .	100.0	1.3	5.7	10.3	23.1	35.7	23.2	0.7	25.9	74.1	72.3	13.5	12.5	14.1
Managing money . . . . .	100.0	1.6	8.8	12.0	17.6	35.2	24.8	—	28.0	72.0	73.6	18.4	16.8	8.0
Shopping . . . . .	100.0	1.5	7.7	12.7	22.9	34.6	20.0	0.7	23.3	76.7	67.2	18.4	17.1	14.4
Using the telephone . . . . .	100.0	3.8	10.3	14.1	17.9	30.4	23.4	—	25.5	74.5	70.7	21.2	19.6	8.2
Preparing meals . . . . .	100.0	3.2	7.5	10.9	21.7	33.8	22.1	0.8	27.7	72.3	69.8	15.3	14.0	14.9
Taking medications . . . . .	100.0	5.9	7.7	12.2	22.2	31.0	20.4	0.5	34.8	65.2	73.3	14.4	12.9	12.3
Functional status in ADL's and IADL's														
Received no help in either ADL's or IADL's . . . . .	100.0	9.3	9.0	14.2	22.9	28.8	15.0	0.7	39.7	60.3	69.8	14.7	12.7	15.5
Received help in IADL only . . . . .	100.0	5.1	11.2	17.8	25.1	25.7	14.4	0.8	33.5	66.5	70.7	16.6	15.7	12.7
Received help in 1 ADL . . . . .	100.0	1.9	4.5	14.5	23.4	34.5	20.3	0.8	28.4	71.6	72.4	7.5	7.0	20.1
Received help in 2 ADL's . . . . .	100.0	1.4	4.2	9.6	25.3	39.0	20.2	0.4	26.9	73.1	71.2	13.4	12.0	15.4
Received help in 3 ADL's . . . . .	100.0	1.9	4.5	8.6	23.8	37.9	22.3	0.9	31.7	68.3	69.0	15.7	13.6	15.4
Received help in 4 ADL's . . . . .	100.0	5.5	5.1	9.1	22.3	35.0	22.3	0.6	32.4	67.6	72.7	12.9	11.7	14.4
Received help in 5 ADL's . . . . .	100.0	6.5	7.5	10.4	17.6	32.1	25.1	0.7	36.5	63.5	75.4	14.5	14.0	10.1

<sup>1</sup>Includes races other than white, black, or unknown.

NOTES: Numbers may not add to totals because of rounding. ADL is activities of daily living and IADL is instrumental activities of daily living.



**Table 13. Number of current patients receiving home health care by services received and type of provider during last billing period, age, sex, and race: United States, 1993**

Services and service providers	Age								Sex		Race				
	All ages	Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other			
												Total <sup>1</sup>	Black	Unknown	
All patients	1,451,200	90,400	93,300	176,400	348,000	460,600	271,700	10,800	493,900	957,300	987,400	238,800	199,000	225,000	
Services received															
Total	1,428,400	86,300	89,300	174,100	344,800	455,800	268,000	10,000	483,600	944,800	974,800	234,200	197,500	219,400	
Skilled nursing services	1,158,300	61,800	64,700	132,000	295,300	377,100	221,900	*	400,100	758,300	795,400	188,700	154,700	174,200	
Personal care	573,900	10,200	30,800	54,700	132,000	212,500	131,400	*	167,000	406,900	390,800	93,600	84,800	89,500	
Social services	156,200	*	13,000	15,500	50,800	50,000	23,300	*	47,800	108,500	105,000	30,900	28,900	20,300	
Counseling	60,200	*	7,600	*	15,900	19,500	8,800	*	19,100	41,100	44,800	6,900	6,900	8,500	
Medications	98,000	7,000	7,700	19,400	20,600	26,800	16,100	*	34,400	63,600	70,700	10,600	10,500	16,700	
Homemaker/companion services	261,200	*	17,400	38,800	52,600	85,400	63,200	*	60,500	200,700	194,700	36,700	34,800	29,800	
Meals on Wheels	14,500	–	*	*	*	*	*	–	*	9,500	12,800	*	*	*	
Physical therapy	239,100	12,300	10,000	27,200	64,100	84,700	40,000	*	80,800	158,300	160,300	40,600	29,900	38,200	
Respite care	10,300	*	*	*	*	*	*	*	7,100	*	8,000	*	*	*	
Referral services	33,900	*	*	*	*	10,800	*	*	12,300	21,600	23,000	*	*	*	
Dietary and nutritional services	38,300	*	*	6,900	9,500	12,100	*	–	13,300	25,000	25,700	*	*	7,500	
Physician services	21,700	*	*	*	7,200	*	*	–	*	15,700	18,200	*	*	*	
High-tech care <sup>2</sup>	44,500	6,300	9,400	7,700	8,100	*	6,900	–	25,100	19,400	29,900	*	*	8,600	
Occupational or vocational therapy	53,600	*	*	*	11,400	20,700	7,300	–	18,200	35,400	38,900	*	*	9,600	
Speech therapy/audiology															
	27,300	9,800	*	*	*	8,200	*	–	16,000	11,300	18,800	*	*	*	
Transportation	16,700	*	*	*	*	*	*	–	*	11,200	13,400	*	*	*	
Meals on Wheels	14,500	–	*	*	*	*	*	–	*	9,500	12,800	*	*	*	
Dental treatment services <sup>3</sup>	18,800	*	*	*	*	*	*	–	7,200	11,600	13,900	*	*	*	
All other services	176,900	9,500	20,400	22,700	40,300	50,800	28,800	*	68,600	108,400	121,300	25,200	23,900	30,500	
No services received	22,800	*	*	*	*	*	*	*	10,300	12,500	12,600	*	*	*	
Service provider															
Registered nurse	1,164,100	62,800	66,000	131,000	293,100	380,100	225,400	*	402,300	761,800	803,400	191,300	156,800	169,300	
Licensed practical nurse	154,500	7,800	*	20,400	39,200	57,700	23,800	*	59,000	95,500	99,500	30,800	28,800	24,200	
Nursing aide	95,400	*	*	9,700	18,300	37,400	23,800	*	28,200	67,200	67,600	20,700	20,100	7,000	
Home health aide	554,900	6,900	24,900	47,900	137,700	203,500	131,100	*	169,900	385,000	392,700	73,000	65,700	89,200	
Homemaker/personal caretaker	157,700	*	14,000	28,200	31,200	50,100	30,400	*	31,500	126,200	113,200	25,600	23,700	18,800	
Social worker	149,000	*	11,500	18,300	50,200	44,100	21,200	*	49,500	99,500	100,000	29,900	27,300	19,200	
Physical therapist	230,700	13,200	10,200	24,500	63,700	80,600	37,800	*	78,800	151,900	153,400	39,800	29,100	37,500	
Physician	12,400	*	*	*	*	*	*	–	*	8,300	9,300	*	*	*	
Occupational therapist	50,500	*	*	*	9,500	20,200	7,600	–	17,700	32,800	35,300	*	*	10,500	
Speech pathologist or audiologist	25,000	9,300	*	*	*	7,600	*	–	14,900	10,100	16,800	*	*	*	
Dietician/nutritionist	8,000	*	*	*	*	*	*	–	*	*	*	*	*	*	
Health educator	17,700	*	*	*	*	7,300	*	–	6,600	11,100	13,100	*	*	*	
Volunteer	8,300	–	*	*	*	*	*	*	*	6,400	7,300	*	*	*	
Other provider	21,500	*	*	*	*	*	*	–	9,800	11,700	14,200	*	*	*	
None or unknown	37,800	9,100	*	7,400	6,400	*	*	*	18,400	19,400	20,300	9,500	*	8,000	

<sup>1</sup>Includes races other than white, black, or unknown.<sup>2</sup>Includes enterostomal therapy.<sup>3</sup>Includes oral hygiene and preventive services.

NOTE: Numbers may not add to totals because of rounding.

**Table 14. Number of current patients receiving home health care by services received and type of provider during last billing period and primary source of payment: United States, 1993**

Service and service provider	Primary source of payment at admission							
	All sources	Private insurance	Own income or family support	Medicare	Medicaid	Other government assistance or welfare	All other sources	Unknown or no charge for care
All patients . . . . .	1,451,200	93,700	34,300	891,100	240,800	51,600	45,600	36,300
Services received								
Total . . . . .	1,428,400	91,200	33,300	884,100	237,900	51,000	43,200	33,600
Skilled nursing services . . . . .	1,158,300	70,800	11,200	821,200	170,200	17,600	27,300	6,900
Personal care . . . . .	573,900	22,600	14,500	380,000	95,200	22,300	12,800	6,600
Social services . . . . .	156,200	6,800	*	106,600	20,100	*	*	*
Counseling . . . . .	60,200	*	*	37,000	7,500	*	*	*
Medications . . . . .	98,000	15,000	*	55,700	11,200	*	*	*
High-tech care <sup>1</sup> . . . . .	44,500	11,900	*	19,600	8,000	*	*	*
Homemaker/companion services . . . . .	261,200	12,300	13,000	99,700	53,800	31,500	13,200	17,300
Meals on Wheels . . . . .	14,500	*	*	*	*	*	*	*
Physical therapy . . . . .	239,100	19,800	*	181,800	20,100	*	*	*
Respite care . . . . .	10,300	*	*	*	*	*	*	*
Referral services . . . . .	33,900	*	*	17,200	8,300	*	*	*
Dietary and nutritional services . . . . .	38,300	*	*	23,800	7,700	*	*	*
Physician services . . . . .	21,700	*	*	16,500	*	*	*	*
Occupational or vocational therapy . . . . .	53,600	*	*	39,500	*	*	*	*
Speech therapy/audiology . . . . .	27,300	*	—	14,800	8,000	*	—	*
Transportation . . . . .	16,700	*	*	*	*	*	*	*
Dental treatment services <sup>2</sup> . . . . .	18,800	*	*	11,600	*	*	*	*
All other services . . . . .	136,900	17,600	*	82,900	21,100	*	*	*
No services received . . . . .	22,800	*	*	7,000	*	*	*	*
Service provider								
Registered nurse . . . . .	1,164,100	70,900	14,900	802,100	177,400	22,600	27,100	9,900
Licensed practical nurse . . . . .	154,500	11,600	*	110,900	15,400	*	*	*
Nursing aide . . . . .	95,400	*	*	60,000	17,800	*	*	*
Home health aide . . . . .	554,900	19,600	10,700	411,100	67,400	23,700	12,700	*
Homemaker/personal caretaker . . . . .	157,700	8,300	12,400	32,100	48,800	19,600	9,500	16,600
Social worker . . . . .	149,000	7,500	*	101,500	19,800	*	*	*
Physical therapist . . . . .	230,700	20,300	*	172,900	19,800	*	*	*
Physician . . . . .	12,400	*	*	8,500	*	—	*	*
Occupational therapist . . . . .	50,500	*	*	37,300	*	*	*	*
Speech pathologist or audiologist . . . . .	25,000	*	—	13,300	7,600	*	—	—
Dietician/nutritionist . . . . .	8,000	*	*	*	*	*	—	—
Health educator . . . . .	17,700	*	*	12,700	*	*	*	—
Volunteer . . . . .	8,300	*	*	*	*	*	*	*
None or unknown . . . . .	37,800	*	*	11,800	7,200	*	*	*

<sup>1</sup>Includes enterostomal therapy.

<sup>2</sup>Includes dental treatment services.

NOTE: Numbers may not add to totals because of rounding.

**Table 15. Number and percent distribution of current patients receiving home health care by primary diagnosis at admission and at time of survey: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	At admission		At time of survey	
	Number of patients	Percent distribution	Number of patients	Percent distribution
All diagnoses . . . . .	1,451,200	100.0	1,451,200	100.0
Infectious and parasitic diseases . . . . . 001-139	17,600	1.2	16,600	1.1
Neoplasms . . . . . 140-239	95,100	6.6	91,300	6.3
Malignant neoplasms . . . . . 140-208,230-234	89,700	6.2	85,700	5.9
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	10,800	0.7	9,500	0.7
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	8,900	0.6	9,100	0.6
Malignant neoplasm of breast . . . . . 174-175,198.81	7,000	0.5	6,800	0.5
Malignant neoplasm of other and unspecified sites . . . . .	63,100	4.3	60,300	4.2
Benign neoplasms and neoplasms of uncertain behavior or unspecified nature . . . . . 210-229,235-239	5,400	0.4	5,600	0.4
Endocrine, nutritional, and metabolic diseases, and immunity disorders . . . . . 240-279	127,100	8.8	139,100	9.6
Diabetes mellitus . . . . . 250	98,100	6.8	108,300	7.5
Other nutritional deficiencies and metabolic and immunity disorders . . . . .	29,100	2.0	30,900	2.1
Diseases of the blood and blood-forming organs . . . . . 280-289	36,700	2.5	43,500	3.0
Anemias . . . . . 280-285	30,200	2.1	35,500	2.4
Mental disorders . . . . . 290-319	48,900	3.4	49,100	3.4
Senile dementia or organic brain syndrome . . . . . 290,310	7,500	0.5	9,300	0.6
Mental retardation . . . . . 317-319	7,500	0.5	8,200	0.6
Other mental disorders . . . . . 291-309,311-316	33,800	2.3	31,500	2.2
Diseases of the nervous system and sense organs . . . . . 320-389	93,900	6.5	92,700	6.4
Alzheimer's disease . . . . . 331.0	14,900	1.0	14,900	1.0
Parkinson's disease . . . . . 332	11,800	0.8	13,300	0.9
Multiple sclerosis . . . . . 340	10,900	0.7	11,100	0.8
Paralytic syndromes . . . . . 342-344	24,000	1.7	24,300	1.7
Other diseases of the nervous system and sense organs . . . . . 320-330,331.1-331.9, 333-337,341,345-389	32,400	2.2	29,000	2.0
Diseases of the circulatory system . . . . . 390-459	381,800	26.3	372,900	25.7
Essential hypertension . . . . . 401	57,400	4.0	59,900	4.1
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	186,200	12.8	183,500	12.6
Ischemic heart disease . . . . . 410-414	59,700	4.1	56,800	3.9
Congestive heart failure . . . . . 428.0	85,000	5.9	83,500	5.8
Other heart disease . . . . . 391-398,402-404,415-416,420-427,428.1-429.9	41,500	2.9	43,200	3.0
Cerebrovascular disease . . . . . 430-438	92,900	6.4	88,300	6.1
Other diseases of the circulatory system . . . . .	45,200	3.1	41,200	2.8
Diseases of the respiratory system . . . . . 460-519	87,200	6.0	78,500	5.4
Pneumonia, all forms . . . . . 480-486	16,800	1.2	10,900	0.8
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	53,500	3.7	51,300	3.5
Other diseases of the respiratory system . . . . .	16,900	1.2	16,300	1.1
Diseases of the digestive system . . . . . 520-579	50,900	3.5	49,600	3.4
Diseases of the genitourinary system . . . . . 580-629	35,100	2.4	32,300	2.2
Urinary tract infection . . . . . 580-583,590,595,597,599.0	13,200	0.9	10,800	0.7
Diseases of the skin and subcutaneous tissue . . . . . 680-709	44,300	3.1	39,500	2.7
Decubitus ulcers . . . . . 707.0	18,900	1.3	21,000	1.4
Other chronic ulcer of the skin . . . . . 707.1-707.9	12,800	0.9	8,500	0.6
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	122,500	8.4	111,800	7.7
Rheumatoid arthritis, except spine . . . . . 714	10,800	0.7	10,900	0.8
Osteoarthritis and allied disorders, except spine . . . . . 715	31,800	2.2	26,400	1.8
Other arthropathies and related disorders . . . . . 710-713,716-719	29,700	2.0	28,200	1.9
Osteoporosis . . . . . 733.0	13,200	0.9	14,900	1.0
Congenital anomalies . . . . . 740-759	9,900	0.7	10,800	0.7
Certain conditions originating in the perinatal period . . . . . 760-779	12,800	0.9	11,700	0.8
Symptoms, signs, and ill-defined conditions . . . . . 780-799	102,300	7.0	99,100	6.8
Injury and poisoning . . . . . 800-999	132,300	9.1	114,600	7.9
Fractures . . . . . 800-829	58,500	4.0	47,400	3.3
Supplementary classifications . . . . . V01-V82	35,200	2.4	32,500	2.2
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1-V20.2,V22-V24	8,700	0.6	7,200	0.5
Posthospital aftercare . . . . . V42-V46,V52,V53.3-V53.7,V54-V58	20,200	1.4	18,600	1.3

NOTE: Numbers may not add to totals because of rounding.

**Table 16. Number of current patients receiving home health care by primary diagnosis at admission, and age, sex, and race: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	Total	Age						Sex		Race			
		Under 44 years	45-64 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
All diagnoses . . . . .	1,451,200	177,300	176,400	348,000	460,600	271,700	10,800	493,900	957,300	987,400	238,800	199,000	225,000
Infectious and parasitic diseases . . . . . 001-139	17,600	6,300	2,700	2,300	2,900	2,200	*	8,300	9,300	10,100	3,400	2,300	4,000
Neoplasms . . . . . 140-239	95,100	6,500	25,000	32,800	24,400	4,900	*	48,000	47,100	65,100	15,600	13,300	14,400
Malignant neoplasms . . . . . 140-208,230-234	89,700	5,300	24,600	29,600	23,800	4,800	*	46,700	43,000	64,000	12,600	10,300	13,100
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	10,800	*	*	5,500	3,700	*	-	4,700	6,100	9,200	*	*	900
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	8,900	-	1,900	4,800	1,900	*	-	3,600	5,300	6,000	1,400	1,400	1,500
Malignant neoplasm of breast . . . . . 174-175,198.81	7,000	*	*	3,600	2,700	*	-	-	7,000	6,300	*	*	*
Malignant neoplasm of other and unspecified sites . . . . .	63,100	4,900	21,600	15,600	15,500	3,900	*	38,400	24,600	42,600	10,000	7,800	10,500
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature . . . . . 210-229,235-239	5,400	1,200	*	3,300	*	*	-	1,300	4,100	1,100	3,000	3,000	1,300
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	127,100	11,700	20,100	44,800	36,600	13,500	*	31,300	95,800	81,000	26,800	24,400	19,200
Diabetes mellitus . . . . . 250	98,100	6,100	17,300	37,700	29,900	6,700	*	20,600	77,400	60,600	21,800	20,000	15,700
Other nutritional deficiencies and metabolic and immunity disorders . . . . .	29,100	5,600	2,800	7,100	6,700	6,800	-	10,600	18,400	20,500	5,000	4,400	3,600
Diseases of the blood and blood-forming organs . . . . . 280-289	36,700	1,300	1,700	8,200	15,500	10,000	-	10,100	26,600	27,000	4,500	3,800	5,300
Anemias . . . . . 280-285	30,200	*	1,500	6,400	12,400	9,200	-	7,800	22,400	22,200	3,600	2,900	4,400
Mental disorders . . . . . 290-319	48,900	16,100	10,100	6,300	10,300	4,900	*	22,200	26,600	35,700	8,100	7,800	5,100
Senile dementia or organic brain syndrome . . . . . 290,310	7,500	-	*	1,100	4,900	1,500	-	1,800	5,700	5,100	2,100	2,100	*
Mental retardation . . . . . 317-319	7,500	5,100	1,100	*	*	*	-	3,800	3,700	5,800	900	*	900
Other mental disorders . . . . . 291-309,311-316	33,800	11,000	9,000	4,800	5,000	3,300	*	16,600	17,200	24,800	5,100	5,100	3,900
Diseases of the nervous system and sense organs . . . . . 320-389	93,900	24,800	12,400	18,200	22,300	14,400	*	42,700	51,200	67,500	12,200	10,200	14,200
Alzheimer's disease . . . . . 331.0	14,900	-	*	3,400	9,200	1,800	-	6,400	8,400	10,300	2,100	1,000	2,500
Parkinson's disease . . . . . 332	11,800	-	*	2,200	4,700	4,500	*	5,200	6,700	8,900	1,100	1,100	1,800
Multiple sclerosis . . . . . 340	10,900	3,700	4,500	2,400	-	-	-	3,200	7,600	8,200	*	*	2,300
Paralytic syndromes . . . . . 342-344	24,000	12,500	2,900	1,800	3,300	1,900	-	14,700	9,300	17,200	3,300	2,800	3,500
Other diseases of the nervous system and sense organs . . . . . 320-330,331.1-331.9,333-337, 341,345-389	32,400	8,600	4,200	8,300	5,100	6,200	-	13,100	19,300	23,000	5,300	4,900	4,000
Diseases of the circulatory system . . . . . 390-459	381,800	2,600	34,300	89,000	150,000	103,000	2,900	120,600	261,200	257,400	69,900	57,000	54,500
Essential hypertension . . . . . 401	57,400	900	5,600	11,500	21,000	17,200	1,200	12,100	45,300	34,900	13,200	13,200	9,300
Heart disease . . . . . 391-392.0,393-398,402, 404,410-416,420-429	186,200	1,400	11,300	46,900	69,100	56,500	1,100	62,800	123,400	132,900	24,400	14,800	28,900
Ischemic heart disease . . . . . 410-414	59,700	*	3,300	20,200	25,400	9,700	800	24,900	34,800	38,200	13,500	4,400	8,000
Congestive heart failure . . . . . 428.0	85,000	900	3,400	19,800	27,400	33,200	*	25,200	59,800	64,600	7,700	7,700	12,700
Other heart disease . . . . . 391-398,415-416, 420-427,428.1-429.9	41,500	*	4,600	6,900	16,200	13,500	-	12,700	28,800	30,200	3,200	2,700	8,100
Cerebrovascular disease . . . . . 430-438	92,900	*	10,900	22,000	41,600	17,900	*	29,600	63,400	59,300	23,700	21,300	9,900
Other diseases of the circulatory system . . . . .	45,200	*	6,500	8,600	18,300	11,500	*	16,000	29,200	30,300	8,600	7,800	6,400

See footnotes at end of table.

Table 16. Number of current patients receiving home health care by primary diagnosis at admission, and age, sex, and race: United States, 1993—Con.

Primary admission diagnosis and ICD-9-CM code	Total	Age						Sex			Race		
		Under 44 years	45-64 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
Diseases of the respiratory system . . . . . 460-519	87,200	8,000	9,800	26,300	28,500	14,400	*	35,800	51,300	64,100	7,700	6,500	15,400
Pneumonia, all forms . . . . . 480-486	16,800	*	2,600	2,900	6,000	4,400	*	7,700	9,100	12,700	1,600	1,300	2,500
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	53,500	3,300	5,900	19,000	17,500	7,800	-	21,200	32,300	40,300	4,000	3,700	9,200
Other diseases of the respiratory system . . . . .	16,900	4,000	1,300	4,400	4,900	2,200	*	6,900	10,000	11,100	2,100	1,500	3,700
Diseases of the digestive system . . . . . 520-579	50,900	4,300	4,500	12,300	18,100	11,800	-	17,200	33,600	35,400	3,800	3,700	11,700
Diseases of the genitourinary system . . . . . 580-629	35,100	4,000	5,800	5,700	13,100	6,400	*	11,700	23,400	23,200	6,400	5,700	5,500
Urinary tract infection . . . . . 580-583,590,595,597,599.0	13,200	1,400	1,600	2,200	3,600	4,400	-	2,600	10,500	9,900	1,800	1,000	1,500
Diseases of the skin and and subcutaneous tissue . . . . . 680-709	44,300	2,300	6,400	7,600	17,800	9,900	*	19,700	24,600	27,900	7,800	7,100	8,600
Decubitus ulcers . . . . . 707.0	18,900	1,700	1,200	2,400	7,600	5,900	-	7,600	11,300	12,200	4,900	4,800	1,800
Other chronic ulcer of the skin . . . . . 707.1-707.9	12,800	*	3,200	2,500	4,600	2,000	*	6,900	5,900	8,200	2,000	2,000	2,600
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	122,500	5,400	14,600	27,900	47,600	26,900	-	17,900	104,600	88,600	14,200	13,500	19,800
Rheumatoid arthritis, except spine . . . . . 714	10,800	2,000	900	3,100	3,800	1,000	-	3,300	7,500	7,700	900	900	2,200
Osteoarthritis and allied disorders, except spine . . . . . 715	31,800	-	6,700	6,900	13,100	5,200	-	3,600	28,200	24,100	2,700	2,500	5,000
Other arthropathies and related disorders . . . . . 710-713, 716-719	29,700	800	2,000	8,200	11,400	7,300	-	5,200	24,500	18,100	8,100	7,800	3,600
Osteoporosis . . . . . 733.0	13,200	-	-	1,400	6,900	4,900	-	*	13,100	11,400	-	-	1,900
Congenital anomalies . . . . . 740-759	9,900	8,300	*	*	1,300	*	-	5,300	4,700	7,900	800	*	1,200
Certain conditions originating in the perinatal period . . . . . 760-779	12,800	12,800	-	-	-	-	-	7,000	5,800	7,000	3,100	3,100	2,600
Symptoms, signs, and ill-defined conditions . . . . . 780-799	102,300	17,400	9,900	27,100	26,200	20,500	800	45,300	57,000	73,100	14,000	13,200	15,200
Injuries and poisonings . . . . . 800-999	132,300	27,400	9,400	32,700	37,000	24,600	*	37,800	94,500	84,600	29,800	20,100	17,900
Fractures . . . . . 800-829	58,500	4,500	2,800	10,000	22,100	18,700	*	11,400	47,100	44,400	5,500	5,300	8,700
Supplementary classifications . . . . . V01-V82	35,200	13,100	6,100	5,400	7,100	3,500	-	10,500	24,700	19,900	7,500	3,500	7,800
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1-V20.2,V22-V24	8,700	8,700	-	-	-	-	-	4,200	4,500	1,600	2,800	*	4,300
Posthospital aftercare . . . . . V42-V46,V52, V53.3-V53.7,V54-V58	20,200	1,000	5,000	4,100	6,800	3,200	-	3,900	16,300	13,900	3,800	1,900	2,600

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 17. Percent distribution of current patients receiving home health care by primary diagnosis at admission, according to age, sex, and race: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	Total	Age						Sex		Race			
		Under 44 years	45-64 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
All diagnoses . . . . .	100.0	12.3	12.4	23.2	32.4	18.7	0.7	34.2	65.8	71.0	14.1	12.7	14.8
Infectious and parasitic diseases . . . . . 001-139	100.0	37.2	19.2	12.8	15.4	12.8	1.3	56.4	43.6	67.9	15.4	11.5	16.7
Neoplasms . . . . . 140-239	100.0	7.8	21.3	33.9	27.9	7.2	0.3	44.4	55.6	72.7	13.2	10.8	14.1
Malignant neoplasms . . . . . 140-208,230-234	100.0	6.6	21.5	34.4	28.4	7.3	0.3	45.1	54.9	73.5	12.9	10.4	13.6
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	100.0	2.6	18.4	47.4	26.3	5.3	-	47.4	52.6	78.9	13.2	13.2	7.9
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	100.0	-	25.6	46.5	23.3	2.3	-	46.5	53.5	79.1	9.3	9.3	11.6
Malignant neoplasm of breast . . . . . 174-175,198.81	100.0	3.0	15.2	51.5	27.3	3.0	-	-	100.0	81.8	12.1	6.1	6.1
Malignant neoplasm of other and unspecified sites . . . . .	100.0	9.4	22.2	26.6	30.0	9.4	0.5	51.7	48.3	70.0	13.8	10.8	16.3
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature . . . . . 210-229,235-239	100.0	31.3	18.8	25.0	18.8	6.3	-	31.3	68.8	56.3	18.8	18.8	25.0
Endocrine, nutritional and metabolic diseases and immunity disorders . . . . . 240-279	100.0	8.2	14.0	33.0	33.8	10.6	0.2	25.8	74.2	67.7	19.5	17.8	12.9
Diabetes mellitus . . . . . 250	100.0	4.9	15.4	35.9	34.9	8.4	0.3	24.1	75.9	65.1	21.6	19.7	13.2
Other nutritional deficiencies and and metabolic and immunity disorders . . . . .	100.0	20.4	8.7	22.3	30.1	18.4	-	32.0	68.0	76.7	11.7	10.7	11.7
Diseases of the blood and blood-forming organs . . . . . 280-289	100.0	3.5	4.9	19.6	44.1	28.0	-	25.2	74.8	73.4	14.0	13.3	12.6
Anemias . . . . . 280-285	100.0	2.5	5.1	15.3	45.8	31.4	-	22.0	78.0	73.7	13.6	12.7	12.7
Mental disorders . . . . . 290-319	100.0	34.6	15.6	12.8	20.7	14.5	0.6	41.9	58.1	74.9	12.8	12.3	12.3
Senile dementia or organic brain syndrome . . . . . 290,310	100.0	-	4.5	9.1	50.0	36.4	-	13.6	86.4	77.3	13.6	13.6	9.1
Mental retardation . . . . . 317-319	100.0	71.8	10.3	7.7	2.6	2.6	-	56.4	43.6	84.6	7.7	5.1	7.7
Other mental disorders . . . . . 291-309,311-316	100.0	28.8	19.5	15.3	21.2	14.4	0.8	42.4	57.6	71.2	14.4	14.4	14.4
Diseases of the nervous system and sense organs . . . . . 320-389	100.0	29.6	14.5	19.0	22.3	12.6	0.3	42.2	57.8	71.2	13.4	11.7	15.4
Alzheimer's disease . . . . . 331.0	100.0	-	2.3	20.9	53.5	23.3	-	34.9	65.1	65.1	16.3	14.0	18.6
Parkinson's disease . . . . . 332	100.0	-	6.1	26.5	44.9	20.4	2.0	51.0	49.0	77.6	12.2	12.2	10.2
Multiple sclerosis . . . . . 340	100.0	28.6	46.4	23.2	-	-	-	21.4	78.6	83.9	3.6	3.6	12.5
Paralytic syndromes . . . . . 342-344	100.0	57.3	11.5	9.4	10.4	6.3	-	63.5	36.5	68.8	15.6	13.5	15.6
Other diseases of the nervous system and sense organs . . . . . 320-330,331.1-331.9,333-337, 341,345-389.0	100.0	30.7	9.6	21.1	21.9	16.7	-	33.3	66.7	66.7	15.8	13.2	17.5
Diseases of the circulatory system . . . . . 390-459	100.0	0.9	10.2	22.8	39.0	26.3	0.9	31.4	68.6	72.5	14.3	12.9	13.2
Essential hypertension . . . . . 401	100.0	1.5	10.2	19.8	35.5	31.5	1.5	24.4	75.6	65.0	22.3	22.3	12.7
Heart disease . . . . . 391-392.0,393-398,402, 404,410-416,420-429	100.0	1.1	6.9	20.9	39.4	31.1	0.6	32.3	67.7	75.0	10.4	9.3	14.6
Ischemic heart disease . . . . . 410-414	100.0	0.5	8.6	24.6	43.9	20.9	1.6	32.6	67.4	72.2	12.8	10.7	15.0
Congestive heart failure . . . . . 428.0	100.0	1.6	5.2	20.6	35.5	36.8	0.3	33.9	66.1	77.4	9.7	9.7	12.9
Other heart disease . . . . . 391-398,415-416, 420-427,428.1-429.9	100.0	0.6	8.3	17.3	41.7	32.1	-	29.2	70.8	73.8	8.9	7.1	17.3
Cerebrovascular disease . . . . . 430-438	100.0	0.6	13.3	29.1	38.4	17.8	0.8	34.2	65.8	72.9	15.3	13.0	11.9
Other diseases of the circulatory system . . . . .	100.0	0.6	16.5	20.6	42.4	18.8	1.2	30.0	70.0	70.6	18.2	15.9	11.2

See footnotes at end of table.

**Table 17. Percent distribution of current patients receiving home health care by primary diagnosis at admission, according to age, sex, and race: United States, 1993—Con.**

Primary admission diagnosis and ICD-9-CM code	Total	Age						Sex			Race		
		Under 44 years	45-64 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
Diseases of the respiratory system . . . . . 460-519	100.0	7.4	11.7	30.3	35.7	14.3	0.6	39.4	60.6	72.3	11.1	9.4	16.6
Pneumonia, all forms . . . . . 480-486	100.0	5.7	11.4	25.7	34.3	21.4	1.4	42.9	57.1	67.1	14.3	11.4	18.6
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	100.0	3.3	12.3	34.0	38.7	11.8	-	37.7	62.3	76.4	9.0	8.5	14.6
Other diseases of the respiratory system . . . . .	100.0	22.1	10.3	23.5	27.9	14.7	1.5	41.2	58.8	64.7	14.7	10.3	20.6
Diseases of the digestive system . . . . . 520-579	100.0	8.1	11.9	24.9	33.0	21.6	-	31.9	68.1	70.8	10.3	9.7	18.9
Diseases of the genitourinary system . . . . . 580-629	100.0	9.7	17.2	19.3	35.2	17.9	0.7	37.9	62.1	71.7	11.7	11.0	16.6
Urinary tract infection . . . . . 580-583,590,595,597,599.0	100.0	10.9	10.9	18.2	32.7	27.3	-	29.1	70.9	80.0	10.9	9.1	9.1
Diseases of the skin and subcutaneous tissue . . . . . 680-709	100.0	7.7	13.1	22.0	33.9	22.6	0.6	41.1	58.9	63.7	20.8	19.0	15.5
Decubitus ulcers . . . . . 707.0	100.0	13.3	9.3	21.3	29.3	26.7	-	46.7	53.3	64.0	28.0	26.7	8.0
Other chronic ulcer of the skin . . . . . 707.1-707.9	100.0	2.4	17.1	26.8	31.7	19.5	2.4	31.7	68.3	63.4	19.5	19.5	17.1
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	100.0	3.6	12.8	24.5	38.5	20.7	-	18.5	81.5	73.9	11.9	11.2	14.3
Rheumatoid arthritis, except spine . . . . . 714	100.0	6.1	18.2	39.4	27.3	9.1	-	21.2	78.8	75.8	9.1	9.1	15.2
Osteoarthritis and allied disorders, except spine . . . . . 715	100.0	-	16.4	26.2	41.8	15.6	-	17.2	82.8	75.4	9.0	8.2	15.6
Other arthropathies and related disorders . . . . . 710-713, 716-719	100.0	2.7	7.1	24.1	36.6	29.5	-	17.0	83.0	62.5	24.1	23.2	13.4
Osteoporosis . . . . . 733.0	100.0	-	-	5.9	73.5	20.6	-	5.9	94.1	88.2	-	-	11.8
Congenital anomalies . . . . . 740-759	100.0	82.4	2.0	2.0	9.8	3.9	-	51.0	49.0	78.4	13.7	7.8	7.8
Certain conditions originating in the perinatal period . . . . . 760-779	100.0	100.0	-	-	-	-	-	54.7	45.3	54.7	24.5	24.5	20.8
Symptoms, signs, and ill-defined conditions . . . . . 780-799	100.0	18.6	9.8	17.7	29.3	23.7	0.6	43.2	56.8	69.7	12.6	12.3	17.7
Injuries and poisonings . . . . . 800-999	100.0	16.6	11.8	22.9	27.9	19.7	0.5	33.3	66.7	72.1	11.8	10.2	16.1
Fractures . . . . . 800-829	100.0	7.7	5.3	20.6	35.9	29.7	0.5	20.6	79.4	77.5	8.1	7.2	14.4
Supplementary classifications . . . . . V01-V82	100.0	28.7	13.9	18.9	26.2	11.5	-	30.3	69.7	61.5	18.9	13.1	19.7
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1-V20.2,V22-V24	100.0	100.0	-	-	-	-	-	47.6	52.4	33.3	33.3	14.3	33.3
Posthospital aftercare . . . . . V42-V46,V52, V53.3-V53.7,V54-V58	100.0	7.6	19.0	22.8	35.4	13.9	-	26.6	73.4	67.1	17.7	13.9	15.2

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 18. Number of current patients receiving home health care and percent distribution by length of service since admission, according to primary diagnosis at admission: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	All current patients	Total	Length of service since admission							
			2 weeks or less	15-30 days	31-60 days	61-90 days	91-180 days	181-364 days	1 year to less than 2 years	2 years or more
			Number	Percent distribution						
All diagnoses . . . . .	1,451,200	100.0	7.5	9.6	14.9	8.8	15.8	15.2	14.2	14.0
Infectious and parasitic diseases . . . . . 001-139	17,600	100.0	14.0	15.8	27.9	11.5	7.7	13.5	*	5.6
Neoplasms . . . . . 140-239	95,100	100.0	17.7	15.8	19.5	10.2	16.8	8.4	7.2	4.4
Malignant neoplasms . . . . . 140-208,230-234	89,700	100.0	18.3	16.1	18.2	10.3	16.9	8.9	7.2	4.1
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	10,800	100.0	20.3	11.5	23.0	*	11.3	17.6	*	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	8,900	100.0	18.8	13.1	29.3	*	20.6	*	*	*
Malignant neoplasm of breast . . . . . 174-175,198.81	7,000	100.0	12.2	17.3	15.6	*	28.2	*	15.0	-
Malignant neoplasm of other and unspecified sites . . . . .	63,100	100.0	18.6	17.2	16.1	12.0	16.1	9.1	6.7	4.2
Benign neoplasms and neoplasms of uncertain behavior or unspecified nature . . . . . 210-229,235-239	5,400	100.0	*	*	41.0	*	14.6	*	*	*
Endocrine, nutritional and metabolic diseases and immunity disorders . . . . . 240-279	127,100	100.0	4.8	5.8	16.1	9.6	13.7	14.3	17.2	18.6
Diabetes mellitus . . . . . 250	98,100	100.0	4.0	6.7	14.1	9.5	12.8	14.3	17.1	21.5
Other nutritional deficiencies and metabolic and immunity disorders . . . . .	29,100	100.0	7.7	2.8	22.8	9.8	16.5	14.3	17.4	8.6
Diseases of the blood and blood-forming organs . . . . . 280-289	36,700	100.0	4.6	*	9.0	3.7	8.4	18.7	26.6	28.4
Anemias . . . . . 280-285	30,200	100.0	4.1	*	6.2	4.5	8.2	15.4	28.7	32.2
Mental disorders . . . . . 290-319	48,900	100.0	2.5	3.8	14.2	4.4	13.1	22.7	21.9	17.5
Senile dementia or organic brain syndrome . . . . . 290,310	7,500	100.0	-	*	21.7	*	*	41.4	25.1	*
Mental retardation . . . . . 317-319	7,500	100.0	-	*	*	*	*	17.9	37.2	28.9
Other mental disorders . . . . . 291-309,311-316	33,800	100.0	3.6	4.1	15.5	3.8	17.1	19.6	17.8	18.4
Diseases of the nervous system and sense organs . . . . . 320-389	93,900	100.0	5.5	8.3	7.8	4.0	18.5	14.8	17.7	23.4
Alzheimer's disease . . . . . 331.0	14,900	100.0	*	*	11.7	*	16.3	21.8	17.5	21.4
Parkinson's disease . . . . . 332	11,800	100.0	*	12.7	16.3	*	25.1	16.5	6.6	14.1
Multiple sclerosis . . . . . 340	10,900	100.0	*	10.9	8.9	*	*	10.3	39.6	23.3
Paralytic syndromes . . . . . 342-344	24,000	100.0	4.8	9.9	8.1	*	18.3	13.3	18.3	27.0
Other diseases of the nervous system and sense organs . . . . . 320-330,331.1-331.9,333-337,341,345-389	32,400	100.0	8.6	6.0	*	8.3	21.9	13.7	14.2	25.0
Diseases of the circulatory system . . . . . 390-459	381,800	100.0	6.0	9.3	13.5	10.8	17.1	15.1	15.7	12.6
Essential hypertension . . . . . 401	57,400	100.0	2.1	12.0	13.7	10.7	9.2	17.5	17.8	17.1
Heart disease . . . . . 391-392.0,393-398,402,404, 410-416,420-429	186,200	100.0	8.3	8.8	13.5	12.3	17.8	14.0	15.7	9.6
Ischemic heart disease . . . . . 410-414	59,700	100.0	10.3	6.4	14.5	20.1	16.3	11.8	9.6	11.0
Congestive heart failure . . . . . 428.0	85,000	100.0	6.8	8.1	10.7	9.6	23.5	15.0	18.4	8.0
Other heart disease . . . . . 391-398,402-404,415-416, 420-427,428.1-429.9	41,500	100.0	8.7	13.5	18.0	6.6	8.2	15.2	18.8	11.1
Cerebrovascular disease . . . . . 430-438	92,900	100.0	4.6	8.1	12.7	9.6	22.4	14.0	13.6	15.0
Other diseases of the circulatory system . . . . .	45,200	100.0	3.9	10.4	14.4	6.8	13.8	19.2	17.3	14.3

See footnotes at end of table.



**Table 18. Number of current patients receiving home health care and percent distribution by length of service since admission, according to primary diagnosis at admission: United States, 1993—Con.**

Primary admission diagnosis and ICD-9-CM code	All current patients	Total	Length of service since admission							
			2 weeks or less	15-30 days	31-60 days	61-90 days	91-180 days	181-364 days	1 year to less than 2 years	2 years or more
			Number	Percent distribution						
Diseases of the respiratory system . . . . . 460-519	87,200	100.0	5.2	10.2	11.5	9.3	17.3	18.5	15.8	12.3
Pneumonia, all forms . . . . . 480-486	16,800	100.0	*	14.8	14.3	10.6	12.4	20.8	13.2	9.5
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	53,500	100.0	6.0	8.1	13.2	8.6	17.2	18.9	18.5	9.5
Other diseases of the respiratory system . . . . .	16,900	100.0	*	12.6	*	10.2	22.2	14.9	9.8	23.8
Diseases of the digestive system . . . . . 520-579	50,900	100.0	13.8	8.6	22.3	9.4	17.3	9.6	9.4	9.7
Diseases of the genitourinary system . . . . . 580-629	35,100	100.0	7.2	7.7	15.3	11.5	8.6	12.1	18.8	18.8
Urinary tract infection . . . . . 580-583,590,595,597,599.0	13,200	100.0	6.6	10.4	13.4	10.4	14.2	16.1	14.4	14.7
Diseases of the skin and subcutaneous tissue . . . . . 680-709	44,300	100.0	8.3	12.5	14.1	10.5	13.0	20.0	14.8	6.7
Decubitus ulcers . . . . . 707.0	18,900	100.0	*	13.0	12.0	5.7	13.9	27.1	20.8	4.4
Other chronic ulcer of the skin . . . . . 707.1-707.9	12,800	100.0	15.6	11.8	15.6	8.3	14.9	12.5	13.2	8.1
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	122,500	100.0	8.0	12.1	16.4	6.2	12.7	12.0	14.2	18.2
Rheumatoid arthritis, except spine . . . . . 714	10,800	100.0	-	*	7.9	*	13.8	19.4	32.1	16.8
Osteoarthritis and allied disorders, except spine . . . . . 715	31,800	100.0	14.3	15.2	19.5	5.5	15.1	6.1	8.1	16.1
Other arthropathies and related disorders . . . . . 710-713,716-719	29,700	100.0	3.2	6.4	16.0	5.1	6.6	8.5	17.7	36.6
Osteoporosis . . . . . 733.0	13,200	100.0	12.1	*	13.8	*	19.1	31.1	11.1	*
Congenital anomalies . . . . . 740-759	9,900	100.0	*	7.9	*	*	38.5	*	8.8	30.3
Certain conditions originating in the perinatal period . . . . . 760-779	12,800	100.0	15.3	14.3	14.3	21.8	7.6	10.7	16.1	-
Symptoms, signs, and ill-defined conditions . . . . . 780-799	102,300	100.0	5.1	5.8	11.1	8.9	19.3	20.2	13.3	16.3
Injuries and poisonings . . . . . 800-999	132,300	100.0	9.7	13.5	17.5	8.6	18.8	18.1	7.0	6.9
Fractures . . . . . 805-829	58,500	100.0	10.9	15.3	18.4	13.6	13.8	14.8	9.4	3.7
Supplementary classifications . . . . . V01-V82	35,200	100.0	9.9	16.5	23.2	6.8	12.7	7.3	9.7	13.9
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1-V20.2,V22-V24	8,700	100.0	13.3	*	40.6	-	25.8	-	*	12.8
Posthospital aftercare . . . . . V42-V46,V52,V53.3-V53.7,V54-V58	20,200	100.0	7.3	25.8	15.7	5.3	10.8	6.2	12.3	16.5

NOTE: Numbers may not add to totals because of rounding.

**Table 19. Number of current patients receiving home health care by primary diagnosis at admission and dependency in activities of daily living: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	Total	Received help in bathing	Received help in dressing	Received help in eating	Received help in transferring	Received help in walking	Received help in using toilet room	Continence	
								Difficulty controlling bowels	Difficulty controlling bladder
All diagnoses . . . . .	1,451,200	704,300	604,700	172,000	460,900	435,700	343,800	176,600	276,000
Infectious and parasitic diseases . . . . . 001-139	17,600	7,300	5,600	3,100	4,500	5,500	4,100	2,300	3,400
Neoplasms . . . . . 140-239	95,100	40,100	34,500	12,100	27,600	25,000	23,300	7,300	13,500
Malignant neoplasms . . . . . 140-208,230-234	89,700	36,000	30,900	11,300	27,000	21,200	19,600	7,300	12,500
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	10,800	6,200	5,300	1,200	2,800	2,600	2,800	1,500	1,500
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	8,900	4,400	4,000	*	2,600	3,600	2,800	*	*
Malignant neoplasm of breast . . . . . 174-175,198.81	7,000	3,400	2,500	*	1,800	1,500	*	-	*
Malignant neoplasm of other and unspecified sites . . . . .	63,100	21,900	19,100	8,600	19,800	13,500	13,300	5,100	9,600
Benign neoplasms and neoplasms of uncertain behavior or unspecified nature . . . . . 210-229,235-239	5,400	4,100	3,600	800	*	3,800	3,700	*	900
Endocrine, nutritional and metabolic diseases and immunity disorders . . . . . 240-279	127,100	50,200	43,200	10,000	33,100	29,800	20,500	12,700	21,300
Diabetes mellitus . . . . . 250	98,100	38,400	30,800	5,700	23,100	18,900	10,800	10,000	17,500
Other nutritional deficiencies and metabolic and immunity disorders . . . . .	29,100	11,800	12,400	4,300	10,000	10,800	9,700	2,700	3,900
Diseases of the blood and blood-forming organs . . . . . 280-289	36,700	12,100	9,900	1,600	6,700	6,800	4,300	2,400	4,400
Anemias . . . . . 280-285	30,200	9,700	9,000	1,500	5,500	5,300	3,700	2,200	3,900
Mental disorders . . . . . 290-319	48,900	16,000	14,200	5,000	6,800	7,900	8,600	8,100	8,900
Senile dementia or organic brain syndrome . . . . . 290,310	7,500	4,600	4,100	2,100	2,400	3,000	2,300	2,700	3,300
Mental retardation . . . . . 317-319	7,500	4,000	4,000	2,100	1,600	1,900	2,600	1,600	1,800
Other mental disorders . . . . . 291-309,311-316	33,800	7,500	6,200	*	2,800	3,000	3,700	3,900	3,900
Diseases of the nervous system and sense organs . . . . . 320-389	93,900	55,100	48,300	30,800	40,800	33,200	35,300	18,100	24,100
Alzheimer's disease . . . . . 331.0	14,900	9,000	9,100	6,200	4,500	6,800	5,900	2,500	5,200
Parkinson's disease . . . . . 332	11,800	7,300	7,300	3,800	5,400	5,800	4,700	1,800	3,100
Multiple sclerosis . . . . . 340	10,900	6,200	5,900	3,000	5,600	3,400	4,600	2,200	3,600
Paralytic syndromes . . . . . 342-344	24,000	17,200	14,700	9,500	14,800	8,100	11,600	5,300	5,500
Other diseases of the nervous system and sense organs . . . . . 320-330,331.1-331.9,333-337,341,345-389	32,400	15,300	11,300	8,200	10,500	9,200	8,500	6,300	6,600
Diseases of the circulatory system . . . . . 390-459	381,800	213,000	189,300	44,100	132,600	139,800	114,100	44,100	77,600
Essential hypertension . . . . . 401	57,400	30,900	28,800	7,100	15,000	17,600	15,300	8,700	15,400
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	186,200	102,400	90,700	19,400	62,900	70,000	54,000	18,400	34,600
Ischemic heart disease . . . . . 410-414	59,700	34,000	29,200	5,200	17,000	21,900	17,200	5,800	7,500
Congestive heart failure . . . . . 428.0	85,000	46,400	42,000	9,900	31,900	30,300	24,600	6,700	20,200
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	41,500	22,100	19,400	4,300	14,000	17,800	12,200	5,900	6,900
Cerebrovascular disease . . . . . 430-438	92,900	58,700	52,100	13,500	43,400	38,800	34,700	12,200	18,200
Other diseases of the circulatory system . . . . .	45,200	21,000	17,700	4,200	11,200	13,500	10,100	4,700	9,400
Diseases of the respiratory system . . . . . 460-519	87,200	48,600	41,000	4,600	27,200	22,900	16,200	12,200	15,600
Pneumonia, all forms . . . . . 480-486	16,800	8,700	7,100	*	5,400	4,300	3,400	2,400	3,500
Chronic obstructive pulmonary disease and allied conditions . . . . . 490-496	53,500	30,700	26,600	3,200	17,300	15,900	10,100	8,000	9,000
Other diseases of the respiratory system . . . . .	16,900	9,200	7,300	900	4,500	2,700	2,700	1,800	3,200

NOTE: Numbers may not add to totals because of rounding.

Table 19. Number of current patients receiving home health care by primary diagnosis at admission and dependency in activities of daily living: United States, 1993—Con.

Primary admission diagnosis and ICD-9-CM code	Total	Received help in bathing	Received help in dressing	Received help in eating	Received help in transferring	Received help in walking	Received help in using toilet room	Continence	
								Difficulty controlling bowels	Difficulty controlling bladder
Diseases of the digestive system . . . . . 520-579	50,900	29,800	26,500	7,000	18,300	17,900	13,300	6,900	10,900
Diseases of the genitourinary system . . . . . 580-629	35,100	18,900	15,200	4,500	12,800	8,000	9,100	5,000	9,500
Urinary tract infection . . . . . 580-583,590,595,597,599.0	13,200	7,300	4,900	*	5,300	2,900	2,400	3,400	5,800
Diseases of the skin and subcutaneous tissue . . . . . 680-709	44,300	21,100	19,600	6,100	15,100	10,200	10,400	10,200	14,700
Decubitus ulcers . . . . . 707.0	18,900	10,000	9,800	4,200	8,400	3,300	5,100	7,100	9,600
Other chronic ulcer of the skin . . . . . 707.1-707.9	12,800	4,500	4,100	*	3,200	3,200	2,200	1,700	2,600
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	122,500	72,400	56,900	11,900	46,200	51,600	32,300	10,800	19,100
Rheumatoid arthritis, except spine . . . . . 714	10,800	6,000	5,300	1,100	3,900	3,500	3,500	1,300	2,100
Osteoarthritis and allied disorders, except spine . . . . . 715	31,800	18,400	16,400	3,800	14,500	16,400	8,500	1,600	4,200
Other arthropathies and related disorders . . . . . 710-713,716-719	29,700	17,900	12,700	3,000	9,400	11,700	7,300	1,700	5,200
Osteoporosis . . . . . 733.0	13,200	7,100	4,300	1,900	1,600	3,700	2,900	*	*
Congenital anomalies . . . . . 740-759	9,900	3,000	2,600	2,100	2,800	2,200	1,200	3,300	3,500
Certain conditions originating in the perinatal period . . . . . 760-779	12,800	*	*	*	*	*	*	*	*
Symptoms, signs, and ill-defined conditions . . . . . 780-799	102,300	44,000	37,900	12,400	28,600	26,300	22,400	18,600	26,700
Injuries and poisonings . . . . . 800-999	132,300	60,400	50,600	14,600	48,600	41,500	25,300	10,700	17,300
Fractures . . . . . 800-829	58,500	35,000	29,100	7,100	29,000	25,600	18,100	4,000	8,700
Supplementary classifications . . . . . V01-V82	35,200	9,900	8,200	1,600	7,600	6,600	2,800	2,900	4,200
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1-V20.2,V22-V24	8,700	-	-	-	-	-	-	900	900
Posthospital aftercare . . . . . V42-V46,V52,V53.3-V53.7,V54-V58	20,200	8,200	6,500	1,200	5,500	5,500	2,400	800	1,700

NOTE: Numbers may not add to totals because of rounding.

**Table 20. Percent distribution of current patients receiving home health care by primary diagnosis at admission, according to dependency in activities of daily living: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	Total	Received help in bathing	Received help in dressing	Received help in eating	Received help in transferring	Received help in walking	Received help in using toilet room	Continence	
								Difficulty controlling bowels	Difficulty controlling bladder
All diagnoses . . . . .	100.0	49.9	43.2	13.0	34.0	31.0	24.0	12.5	19.8
Infectious and parasitic diseases . . . . . 001-139	100.0	39.7	32.1	16.7	28.2	33.3	21.8	11.5	16.7
Neoplasms . . . . . 140-239	100.0	45.6	36.6	14.7	31.5	27.9	23.4	11.4	18.0
Malignant neoplasms . . . . . 140-208,230-234	100.0	44.8	36.0	14.5	32.2	27.1	22.4	11.7	17.7
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	100.0	55.3	44.7	18.4	28.9	23.7	26.3	21.1	18.4
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	100.0	55.8	41.9	14.0	34.9	37.2	27.9	14.0	16.3
Malignant neoplasm of breast . . . . . 174-175,198.81	100.0	45.5	36.4	12.1	27.3	21.2	6.1	-	9.1
Malignant neoplasm of other and unspecified sites . . . . .	100.0	40.4	33.0	14.3	33.0	26.6	23.2	11.3	19.2
Benign neoplasms and neoplasms of uncertain behavior or unspecified nature . . . . . 210-229,235-239	100.0	62.5	50.0	18.8	18.8	43.8	43.8	6.3	25.0
Endocrine, nutritional and metabolic diseases and immunity disorders . . . . . 240-279	100.0	41.9	35.5	8.7	26.0	25.2	17.3	9.3	15.6
Diabetes mellitus . . . . . 250	100.0	41.6	33.5	8.4	24.3	23.5	15.1	8.6	15.9
Other nutritional deficiencies and metabolic and immunity disorders . . . . .	100.0	42.7	42.7	9.7	32.0	31.1	25.2	11.7	14.6
Diseases of the blood and blood-forming organs . . . . . 280-289	100.0	32.2	25.9	5.6	19.6	19.6	14.0	7.0	14.0
Anemias . . . . . 280-285	100.0	29.7	26.3	5.9	18.6	16.9	13.6	6.8	14.4
Mental disorders . . . . . 290-319	100.0	42.5	39.1	14.5	15.6	18.4	19.0	16.8	20.7
Senile dementia or organic brain disorder . . . . . 290,310	100.0	72.7	63.6	31.8	36.4	36.4	27.3	31.8	50.0
Mental retardation . . . . . 317-319	100.0	61.5	61.5	28.2	17.9	23.1	33.3	25.6	20.5
Other mental disorders . . . . . 291-309,311-316	100.0	30.5	27.1	6.8	11.0	13.6	12.7	11.0	15.3
Diseases of the nervous system and sense organs . . . . . 320-389	100.0	61.7	58.1	29.6	50.0	33.0	36.3	21.5	27.7
Alzheimer's disease . . . . . 331.0	100.0	74.4	74.4	44.2	44.2	37.2	37.2	30.2	34.9
Parkinson's disease . . . . . 332	100.0	63.3	61.2	32.7	49.0	49.0	38.8	14.3	26.5
Multiple sclerosis . . . . . 340	100.0	55.4	55.4	25.0	51.8	32.1	35.7	23.2	35.7
Paralytic syndromes . . . . . 342-344	100.0	72.9	68.8	38.5	66.7	30.2	45.8	22.9	27.1
Other diseases of the nervous system and sense organs . . . . . 320-330,331.1-331.9,333-337,341,345-389	100.0	50.0	43.0	17.5	37.7	27.2	27.2	19.3	21.9
Diseases of the circulatory system . . . . . 390-459	100.0	53.7	47.1	12.7	36.4	36.3	27.6	11.9	21.0
Essential hypertension . . . . . 401	100.0	58.4	53.3	14.2	36.0	36.0	29.9	13.2	24.4
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	100.0	50.8	43.9	10.4	32.9	34.0	24.5	9.8	18.6
Ischemic heart disease . . . . . 410-414	100.0	48.7	39.6	10.2	29.9	29.4	18.2	11.2	16.0
Congestive heart failure . . . . . 428.0	100.0	51.6	45.5	11.0	34.2	33.9	27.4	8.7	22.3
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	100.0	51.8	45.8	9.5	33.9	39.3	26.2	10.1	14.9
Cerebrovascular disease . . . . . 430-438	100.0	57.3	50.3	16.7	44.9	42.1	32.5	14.4	23.4
Other diseases of the circulatory system . . . . .	100.0	51.8	45.9	11.8	32.9	33.5	26.5	13.5	21.2

**Table 20. Percent distribution of current patients receiving home health care by primary diagnosis at admission, according to dependency in activities of daily living: United States, 1993—Con.**

Primary admission diagnosis and ICD-9-CM code	Total	Received help in bathing	Received help in dressing	Received help in eating	Received help in transferring	Received help in walking	Received help in using toilet room	Continence		
								Difficulty controlling bowels	Difficulty controlling bladder	
Diseases of the respiratory system . . . . .	460-519	100.0	54.0	46.3	8.9	32.0	30.9	22.3	11.4	15.7
Pneumonia, all forms . . . . .	480-486	100.0	48.6	42.9	4.3	34.3	27.1	21.4	14.3	20.0
Chronic obstructive pulmonary disease and allied conditions . . . . .	490-496	100.0	58.5	50.0	8.0	31.6	33.5	23.1	9.4	12.7
Other diseases of the respiratory system . . . . .		100.0	45.6	38.2	16.2	30.9	26.5	20.6	14.7	20.6
Diseases of the digestive system . . . . .	520-579	100.0	53.0	48.1	12.4	33.0	34.1	22.7	15.7	21.6
Diseases of the genitourinary system . . . . .	580-629	100.0	50.3	42.8	10.3	35.9	25.5	25.5	13.1	32.4
Urinary tract infection . . . . .	580-583,590,595,597,599.0	100.0	56.4	43.6	10.9	45.5	25.5	21.8	20.0	45.5
Diseases of the skin and subcutaneous tissue . . . . .	680-709	100.0	47.6	42.3	13.1	33.9	20.8	24.4	19.0	26.8
Decubitus ulcers . . . . .	707.0	100.0	57.3	54.7	21.3	45.3	18.7	32.0	29.3	38.7
Other chronic ulcer of the skin . . . . .	707.1-707.9	100.0	36.6	29.3	2.4	29.3	26.8	19.5	14.6	22.0
Diseases of the musculoskeletal system and connective tissue . . . . .	710-739	100.0	58.2	47.0	10.5	37.3	39.2	26.4	8.1	15.0
Rheumatoid arthritis, except spine . . . . .	714	100.0	63.6	54.5	9.1	33.3	36.4	24.2	6.1	15.2
Osteoarthritis and allied disorders, except spine . . . . .	715	100.0	54.1	47.5	11.5	43.4	46.7	27.9	5.7	14.8
Other arthropathies and related disorders . . . . .	710-713,716-719	100.0	61.6	48.2	10.7	33.9	36.6	26.8	8.0	17.0
Osteoporosis . . . . .	733.0	100.0	61.8	50.0	11.8	29.4	41.2	32.4	8.8	5.9
Congenital anomalies . . . . .	740-759	100.0	51.0	47.1	41.2	41.2	23.5	19.6	41.2	43.1
Certain conditions originating in the perinatal period . . . . .	760-779	100.0	15.1	15.1	13.2	15.1	5.7	7.5	7.5	7.5
Symptoms, signs, and ill-defined conditions . . . . .	780-799	100.0	47.6	42.0	13.2	33.4	29.7	22.4	18.6	28.7
Injuries and poisonings . . . . .	800-999	100.0	51.0	43.1	11.6	41.3	35.4	23.6	8.2	13.6
Fractures . . . . .	805-829	100.0	63.6	54.1	12.0	52.2	45.0	34.4	7.2	12.4
Supplementary classifications . . . . .	V01-V82	100.0	41.8	36.9	6.6	29.5	26.2	16.4	7.4	12.3
Supervision of pregnancy, or postpartum maternal or infant care . . . . .	V20.1-V20.2,V22-V24	100.0	—	—	—	—	—	—	4.8	4.8
Posthospital aftercare . . . . .	V42-V46,V52,V53.3-V53.7,V54-V58	100.0	51.9	45.6	7.6	34.2	32.9	21.5	6.3	11.4

NOTE: Numbers may not add to totals because of rounding.

**Table 21. Number and percent distribution of home health discharges by agency characteristics, according to age, sex, and race: United States, 1993**

Agency characteristic	All discharges	Total	Age							Sex		Race			
			Under 18 years	18-44 years	45-64 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	Black and other			
													White	Total <sup>1</sup>	Black
	Number		Percent distribution												
All agencies . . . . .	3,688,000	100.0	5.3	9.2	13.7	24.6	30.4	16.1	0.7	36.5	63.5	67.5	11.3	9.8	21.2
Ownership															
Proprietary . . . . .	909,200	100.0	4.3	8.6	13.2	24.5	31.5	17.0	*	39.0	61.0	63.9	11.5	9.0	24.6
Voluntary nonprofit . . . . .	2,424,300	100.0	5.1	9.1	13.8	25.1	30.2	16.2	*	34.8	65.2	68.0	10.3	9.0	21.8
Government and others . . . . .	354,500	100.0	8.9	11.4	14.5	21.3	29.3	13.4	*	41.4	58.6	73.3	17.7	16.6	9.0
Certification															
Certified by Medicare as—															
Home health agency . . . . .	3,542,400	100.0	5.3	9.0	13.5	24.6	30.8	16.1	0.7	36.3	63.7	68.0	11.5	10.0	20.5
Hospice . . . . .	933,400	100.0	4.5	7.3	15.2	26.5	30.2	15.9	*	36.6	63.4	72.8	10.5	7.5	16.7
Certified by Medicaid as—															
Home health agency . . . . .	3,446,700	100.0	5.4	9.2	13.7	24.4	30.7	16.1	0.6	36.3	63.7	67.4	11.7	10.1	20.9
Hospice . . . . .	807,600	100.0	3.7	7.9	14.6	27.5	30.1	15.8	*	37.3	62.7	73.7	10.3	6.9	15.9
Affiliation															
Chain . . . . .	1,831,400	100.0	4.4	9.7	13.8	23.4	32.0	16.2	*	35.3	64.7	61.7	12.7	11.0	25.6
Operated by a hospital . . . . .	1,380,000	100.0	4.5	9.0	14.1	26.3	30.3	15.0	*	35.9	64.1	66.1	10.1	8.9	23.9
Geographic region															
Northeast . . . . .	1,252,400	100.0	5.5	9.4	13.8	25.1	29.5	16.1	*	36.5	63.5	71.2	8.9	8.3	19.8
Midwest . . . . .	719,800	100.0	9.2	8.7	11.9	21.5	31.2	16.5	*	33.4	66.6	67.5	7.8	6.6	24.7
South . . . . .	968,800	100.0	4.3	8.6	13.8	25.7	31.2	15.8	*	39.4	60.6	67.6	18.9	18.3	13.5
West . . . . .	746,900	100.0	*	10.1	15.5	25.1	30.2	16.1	*	35.7	64.3	60.9	8.9	4.2	30.3
Location															
MSA <sup>2</sup> . . . . .	2,878,800	100.0	5.3	10.1	13.6	24.2	30.3	15.7	0.8	37.1	62.9	64.8	11.6	9.6	23.6
Not MSA <sup>2</sup> . . . . .	809,200	100.0	5.0	6.0	14.2	26.1	30.7	17.6	*	34.4	65.6	77.0	10.3	10.2	12.7

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 22. Number and percent distribution of home health discharges by agency characteristics, according to length of service: United States, 1992–93**

Agency characteristic	All discharges	Total	Length of service							Average length of service
			One week or less	8–14 days	15–30 days	31–60 days	61–90 days	91 days or more	Unknown	
			Number	Percent distribution						
All agencies . . . . .	3,688,000	100.0	13.9	10.3	20.4	25.9	6.9	21.3	1.3	91.7
Ownership										
Proprietary . . . . .	909,200	100.0	12.0	9.8	17.6	25.0	7.2	27.3	*	100.5
Voluntary nonprofit . . . . .	2,424,300	100.0	14.9	10.5	22.3	26.8	6.4	17.8	1.2	80.3
Government and others . . . . .	354,500	100.0	11.9	9.8	14.1	21.9	10.0	29.5	*	147.0
Certification										
Certified by Medicare as—										
Home health agency . . . . .	3,542,400	100.0	14.1	10.2	20.7	26.4	7.0	20.3	1.4	86.2
Hospice . . . . .	933,400	100.0	12.1	12.5	22.8	24.4	6.5	20.5	*	83.7
Certified by Medicaid as—										
Home health agency . . . . .	3,446,700	100.0	14.1	10.1	20.3	26.2	6.7	21.2	1.3	89.4
Hospice . . . . .	807,600	100.0	13.1	13.3	23.9	24.9	6.5	17.6	*	69.8
Affiliation										
Chain . . . . .	1,831,400	100.0	15.1	10.8	21.1	26.0	6.1	20.1	*	85.3
Operated by a hospital . . . . .	1,380,000	100.0	17.2	10.5	22.7	27.5	5.2	15.7	*	62.2
Operated by a nursing home . . . . .	34,900	100.0	*	*	*	*	*	*	—	148.2
Geographic region										
Northeast . . . . .	1,252,400	100.0	12.1	9.2	21.3	28.1	8.5	19.8	*	90.3
Midwest . . . . .	719,800	100.0	14.8	9.5	18.2	22.5	6.4	26.4	*	101.2
South . . . . .	968,800	100.0	12.2	9.4	17.0	27.1	6.4	25.9	2.0	114.6
West . . . . .	746,900	100.0	18.4	13.8	25.3	23.8	5.5	13.0	*	55.1
Location										
MSA <sup>1</sup> . . . . .	2,878,800	100.0	14.9	10.3	21.6	25.9	6.3	19.9	1.2	87.3
Not MSA <sup>1</sup> . . . . .	809,200	100.0	10.4	10.2	16.0	25.9	9.2	26.4	*	107.2

<sup>1</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 23. Number and percent distribution of home health discharges by selected patient characteristics and rate per 1,000 population: United States, 1992–93**

Patient characteristic	All home health discharges	Total	Noninstitutionalized home health discharges	Civilian noninstitutionalized population in thousands	Rate per 1,000 population
	Number	Percent distribution	Number		
<b>Sex and age</b>					
<b>Both sexes:</b>					
All ages <sup>1</sup>	3,688,000	100.0	3,680,400	254,281	14.5
Under 65 years	1,039,800	27.1	1,064,500	223,011	4.8
Under 18 years	193,700	4.8	219,200	67,458	3.2
18–44 years	339,100	8.2	338,600	105,765	3.2
45–64 years	507,100	14.1	506,700	49,788	10.2
65 years and over	2,622,700	72.9	2,615,900	31,270	83.7
65–69 years	361,700	9.9	360,800	10,008	36.1
70–74 years	545,400	15.0	545,400	8,607	63.4
75 years and over	1,715,500	47.0	1,709,600	12,655	135.1
<b>Male:</b>					
All ages <sup>1</sup>	1,345,300	36.5	1,342,700	123,706	10.9
Under 65 years	422,300	11.9	434,500	110,575	3.9
Under 18 years	108,400	2.6	120,900	34,528	3.5
18–44 years	122,000	3.6	122,000	52,096	2.3
45–64 years	192,000	5.8	191,600	23,951	8.0
65 years and over	910,500	24.5	908,200	13,130	69.2
65–69 years	151,900	4.1	151,000	4,510	33.5
70–74 years	229,800	6.0	229,800	3,850	59.7
75 years and over	528,800	14.1	527,400	4,771	110.5
<b>Female:</b>					
All ages <sup>1</sup>	2,342,700	63.5	2,337,700	130,576	17.9
Under 65 years	617,500	15.2	630,000	112,436	5.6
Under 18 years	85,200	2.3	98,200	32,930	3.0
18–44 years	217,100	4.6	216,700	53,669	4.0
45–64 years	315,100	8.3	315,100	25,837	12.2
65 years and over	1,712,200	48.4	1,707,700	18,140	94.1
65–69 years	209,800	5.9	209,800	5,498	38.2
70–74 years	315,700	9.1	315,700	4,758	66.4
75 years and over	1,186,700	32.9	1,182,200	7,884	149.9
<b>Race and age</b>					
<b>White:</b>					
All ages <sup>1</sup>	2,488,000	70.8	2,482,800	211,335	11.7
Under 65 years	604,600	17.1	617,000	183,385	3.4
Under 18 years	106,500	2.9	119,100	53,560	2.2
18–44 years	189,300	5.2	189,300	86,998	2.2
45–64 years	308,800	9.0	308,700	42,827	7.2
65 years and over	1,870,800	53.7	1,865,700	27,951	66.7
65–69 years	243,100	7.1	243,100	8,926	27.2
70–74 years	399,500	10.8	399,500	7,596	52.6
75 years and over	1,228,200	35.2	1,223,200	11,429	107.0
<b>Black and other:</b>					
All ages <sup>1</sup>	416,700	12.0	415,200	42,946	9.7
Under 65 years	193,100	5.0	194,200	39,627	4.9
Under 18 years	39,500	1.1	41,300	13,898	3.0
18–44 years	73,300	1.6	72,800	18,768	3.9
45–64 years	80,300	2.3	80,100	6,962	11.5
65 years and over	221,900	6.9	221,000	3,319	66.6
65–69 years	28,800	1.1	27,900	1,082	25.8
70–74 years	51,100	1.8	51,100	1,012	50.5
75 years and over	142,000	3.9	142,000	1,225	115.9
<b>Black:</b>					
All ages <sup>1</sup>	359,800	10.7	358,300	32,031	11.2
Under 65 years	169,700	4.4	170,900	29,358	5.8
Under 18 years	36,400	0.9	38,300	10,777	3.6
18–44 years	63,800	1.5	63,300	13,445	4.7
45–64 years	69,500	2.0	69,300	5,136	13.5
65 years and over	188,300	6.3	187,400	2,672	70.1



**Table 23. Number and percent distribution of home health discharges by selected patient characteristics and rate per 1,000 population: United States, 1992–93—Con.**

Patient characteristic	All home health discharges	Total	Noninstitutionalized home health discharges	Civilian noninstitutionalized population in thousands	Rate per 1,000 population
	Number	Percent distribution	Number		
<b>Race and age</b>					
Black—Continued:					
65–69 years . . . . .	21,900	0.9	21,000	885	23.7
70–74 years . . . . .	41,100	1.7	41,000	789	52.0
75 years and over . . . . .	125,300	3.6	125,300	999	125.4
Unknown:					
All ages <sup>1</sup> . . . . .	783,300	17.3	782,400	---	...
Under 65 years . . . . .	242,200	5.0	253,200	---	...
Under 18 years . . . . .	47,700	0.8	58,700	---	...
18–44 years . . . . .	76,600	1.4	76,600	...	...
45–64 years . . . . .	117,900	2.8	117,900	...	...
65 years and over . . . . .	530,000	12.3	529,200	...	...
65–69 years . . . . .	89,800	1.7	89,800	...	...
70–74 years . . . . .	94,900	2.4	94,900	...	...
75 years and over . . . . .	345,300	7.9	344,500	...	...
<b>Geographic region and age</b>					
Northeast:					
All ages <sup>1</sup> . . . . .	1,252,400	30.3	1,249,300	50,043	25.0
Under 65 years . . . . .	359,700	8.6	366,700	43,314	8.5
Under 18 years . . . . .	69,200	1.4	76,300	12,592	6.1
18–44 years . . . . .	117,900	2.6	117,900	20,498	5.8
45–64 years . . . . .	172,500	4.6	172,500	10,225	16.9
65 years and over . . . . .	885,700	21.7	882,500	6,729	131.1
Northeast:					
65–69 years . . . . .	126,200	2.8	126,200	2,082	60.6
70–74 years . . . . .	188,600	4.7	188,600	1,779	106.0
75 years and over . . . . .	570,800	13.9	567,700	2,868	197.9
Midwest:					
All ages <sup>1</sup> . . . . .	719,800	21.4	719,000	62,040	11.6
Under 65 years . . . . .	213,600	5.8	221,000	54,267	4.1
Under 18 years . . . . .	66,000	1.5	73,800	16,396	4.5
18–44 years . . . . .	62,300	1.6	61,800	25,844	2.4
45–64 years . . . . .	85,300	2.8	85,315	10,026	7.1
65 years and over . . . . .	498,500	15.6	498,100	7,774	64.1
65–69 years . . . . .	63,300	2.1	63,300	2,550	24.8
70–74 years . . . . .	91,800	2.7	91,800	2,109	43.5
75 years and over . . . . .	343,400	10.6	343,000	3,115	110.1
South:					
All ages <sup>1</sup> . . . . .	968,800	33.5	965,300	85,353	11.3
Under 65 years . . . . .	258,400	8.7	263,900	74,577	3.5
Under 18 years . . . . .	41,600	1.6	47,300	22,599	2.1
18–44 years . . . . .	83,300	2.7	83,300	34,911	2.4
45–64 years . . . . .	133,600	4.5	133,300	17,068	7.8
65 years and over . . . . .	704,700	24.8	701,500	10,776	65.1
65–69 years . . . . .	87,600	3.4	86,700	3,519	24.6
70–74 years . . . . .	161,900	5.4	161,900	3,014	53.7
75 years and over . . . . .	455,200	15.7	452,900	4,243	106.7
West:					
All ages <sup>1</sup> . . . . .	746,900	14.8	746,900	56,844	13.1
Under 65 years . . . . .	208,100	3.9	213,000	50,853	4.2
Under 18 years . . . . .	16,900	0.4	21,800	15,871	1.4
18–44 years . . . . .	75,600	1.3	75,600	24,512	3.1
45–64 years . . . . .	115,600	2.2	115,600	10,469	11.0
65 years and over . . . . .	533,900	10.9	533,900	5,992	89.1
65–69 years . . . . .	84,600	1.7	84,600	1,858	45.5
70–74 years . . . . .	103,200	2.3	103,200	1,705	60.5
75 years and over . . . . .	346,100	6.9	346,000	2,429	142.4

<sup>1</sup>Includes a small number of discharges with unknown ages.

NOTE: Numbers may not add to totals because of rounding.

**Table 24. Number and percent distribution of home health discharges by length of service, according to selected patient characteristics: United States, 1992–93**

Patient characteristic	All discharges	Total	Length of service							Average length of service
			1 week or less	8–14 days	15–30 days	31–60 days	61–90 days	91 days or more	Unknown	
			Number	Percent distribution						
All discharges	3,688,000	100.0	13.9	10.3	20.4	25.9	6.9	21.3	1.3	91.7
Age										
Under 65 years	1,039,800	100.0	23.5	13.6	17.8	17.2	6.8	20.1	*	85.2
Under 18 years	193,700	100.0	32.2	*	19.7	16.4	*	15.6	*	75.0
18–44 years	339,100	100.0	31.3	12.3	17.9	11.5	5.9	20.1	*	86.4
45–64 years	507,100	100.0	15.0	16.3	16.9	21.2	7.7	21.9	*	88.3
65 years and over	2,648,200	100.0	10.2	8.9	21.4	29.3	7.0	21.8	1.4	94.2
65–69 years	361,700	100.0	9.8	11.1	24.1	27.6	7.2	19.7	*	81.7
70–74 years	545,400	100.0	9.1	8.9	22.0	30.7	9.2	19.0	*	79.4
75–79 years	574,500	100.0	9.5	9.0	24.5	27.1	6.4	23.0	*	97.6
80–84 years	547,300	100.0	11.0	8.2	17.8	30.3	6.3	24.9	*	106.6
85 years and over	593,800	100.0	10.8	8.5	19.7	30.3	6.3	21.9	*	103.4
Unknown	25,500	100.0	*	*	*	*	–	*		32.8*
Sex										
Male	1,345,300	100.0	14.3	9.4	21.4	27.8	7.1	18.5	1.4	82.2
Female	2,342,700	100.0	13.7	10.7	19.8	24.8	6.8	22.9	1	97.1.3
Race										
White	2,488,000	100.0	13.1	9.6	20.4	27.6	7.0	21.5	*	93.5
Black and other	416,700	100.0	13.9	11.7	16.4	18.1	8.5	26.8	4.6	122.6
Black	359,800	100.0	14.1	9.8	17.0	18.3	8.0	28.8	*	132.4
Unknown	783,300	100.0	16.4	11.5	22.3	24.5	6.0	17.7		69.5*
Hispanic origin										
Hispanic	152,900	100.0	*	14.8	12.8	34.4	*	20.3	*	107.2
Non-Hispanic	2,073,800	100.0	12.9	9.2	20.0	26.3	7.3	22.8	1.5	100.8
Unknown	1,461,200	100.0	16.0	11.3	21.6	24.5	6.4	19.2	*	77.1
Marital status at admission										
Married	1,381,500	100.0	14.2	11.6	21.2	26.3	7.5	18.3	*	76.4
Widowed	1,181,500	100.0	9.8	8.1	19.8	28.8	6.7	25.3	1.5	107.8
Divorced or separated	165,000	100.0	*	11.4	19.2	22.6	*	31.5	*	145.6
Single or never married	548,300	100.0	26.2	9.7	20.1	18.7	6.9	17.0	*	75.6
Unknown	411,700	100.0	11.4	12.2	20.0	27.1	5.4	21.5	*	96.5
Residence at discharge										
Private or semiprivate residence	3,490,400	100.0	13.7	10.2	20.2	25.9	7.2	21.6	1.3	91.3
Board and care or residential care facility	89,800	100.0	*	*	24.2	28.7	*	21.5	–	112.4
Health facility (including mental health facility)	35,500	100.0	*	*	*	*	*	*	–	46.0
Other or unknown	72,300	100.0	*	*	*	*	*	*	*	107.0
Living arrangement at discharge										
Alone	1,052,900	100.0	10.9	7.8	19.7	28.9	6.8	24.3	*	110.8
With family members	2,333,500	100.0	15.0	11.3	20.8	24.4	7.5	20.1	1.1	84.6
Other or unknown	301,600	100.0	16.6	10.9	19.3	26.8	*	20.7	*	79.7
Referral source										
Self or family	155,000	100.0	*	*	15.0	19.3	*	38.8	*	206.2
Nursing home	81,500	100.0	*	*	*	33.0	*	*	*	72.0
Hospital	1,644,600	100.0	12.1	12.4	21.4	28.3	7.7	17.3	*	73.7
Physician	1,594,800	100.0	16.3	9.6	19.3	25.7	5.9	21.1	2.0	81.7
Social service agency	117,700	100.0	*	*	*	21.8	*	39.5	*	187.5
Home health agency or hospice	75,800	100.0	*	*	*	*	*	50.5	*	191.5
Other	171,600	100.0	19.0	10.4	19.2	26.0	*	19.6	*	98.7
Unknown	83,900	100.0	*	*	30.0	*	*	22.4	*	147.8

NOTE: Numbers may not add to totals because of rounding.

**Table 24. Number and percent distribution of home health discharges by length of service, according to selected patient characteristics: United States, 1992–93**

Patient characteristic	All discharges	Total	Length of service							Average length of service
			1 week or less	8–14 days	15–30 days	31–60 days	61–90 days	91 days or more	Unknown	
	Number		Percent distribution							Days
<b>Primary caregiver</b>										
No primary caregiver or unknown . . . . .	966,100	100.0	14.4	9.7	18.5	24.9	5.9	24.9	*	104.9
Has primary caregiver . . . . .	2,721,900	100.0	13.7	10.5	21.0	26.2	7.3	20.0	1.2	87.0
Spouse . . . . .	1,167,200	100.0	13.4	11.4	22.3	25.9	7.3	18.8	*	76.3
Parent . . . . .	260,600	100.0	30.6	8.4	18.3	17.1	7.1	17.2	*	79.4
Child . . . . .	727,500	100.0	9.6	10.9	21.6	27.9	7.9	21.6	*	88.7
Daughter- or son-in-law . . . . .	31,300	100.0	*	*	*	*	*	*	—	76.8
Other relative . . . . .	234,000	100.0	10.9	9.7	17.1	27.7	8.0	24.2	*	125.7
Friend . . . . .	96,200	100.0	*	*	19.7	28.0	*	*	*	47.9
Other or unknown . . . . .	1,171,200	100.0	14.1	9.3	18.6	26.1	5.7	24.6	1.6	108.7
<b>Primary expected source of payment for entire episode of care</b>										
Private insurance . . . . .	509,800	100.0	31.2	14.8	20.5	16.5	4.1	12.2	*	49.1
Own income or family support . . . . .	52,600	100.0	*	*	*	*	*	35.1	—	130.0
Medicare . . . . .	2,431,000	100.0	9.1	9.1	21.6	30.3	7.4	21.1	1.2	86.4
Medicaid . . . . .	373,600	100.0	19.1	9.4	16.2	14.5	7.8	30.4	*	156.9
Other government assistance or welfare . . . . .	48,400	100.0	*	*	*	*	*	*	*	167.4
All other sources . . . . .	272,600	100.0	14.6	14.4	16.4	23.2	7.0	22.6	*	107.9

NOTE: Numbers may not add to totals because of rounding.

**Table 25. Number and percent distribution of home health discharges by disposition at discharge, according to selected patient characteristics: United States, 1992–93**

Patient characteristic	Disposition at discharge								
	All discharges	Total	Recovered	Stabilized	Goals met	Deceased	Admitted to hospital inpatient service	Admitted to nursing home	Other or unknown
	Number		Percent distribution						
All discharges	3,688,000	100.0	4.0	15.0	42.8	5.7	13.4	4.0	15.2
<b>Age</b>									
Under 65 years	1,039,800	100.0	6.6	13.8	44.4	5.3	10.6	1.7	17.6
Under 18 years	193,700	100.0	11.7	16.3	55.7	*	*	*	10.4
18–44 years	339,100	100.0	7.0	11.8	47.1	*	10.6	*	17.8
45–64 years	507,100	100.0	4.4	14.2	38.2	7.1	13.0	*	20.2
65 years and over	2,648,200	100.0	2.9	15.5	42.2	5.8	14.5	4.9	14.2
65–69 years	361,700	100.0	*	16.4	44.2	5.7	13.3	*	13.9
70–74 years	545,400	100.0	*	15.1	47.2	6.4	13.7	*	12.2
75–79 years	574,500	100.0	3.7	13.6	42.7	4.8	17.4	4.5	13.3
80–84 years	547,300	100.0	*	18.7	40.6	5.6	13.4	5.3	14.2
85 years and over	593,800	100.0	3.2	14.0	37.4	6.7	14.5	7.7	16.5
Unknown	25,500	100.0	–	*	*	*	*	*	*
<b>Sex</b>									
Male	1,345,300	100.0	4.3	15.0	40.6	6.9	14.3	3.2	15.7
Female	2,342,700	100.0	3.7	15.0	44.1	5.0	12.9	4.4	14.9
<b>Race</b>									
White	2,488,000	100.0	4.0	15.4	41.8	5.7	14.2	4.5	14.3
Black and other	416,700	100.0	*	9.5	45.3	7.9	13.0	*	17.9
Black	359,800	100.0	*	8.1	45.2	8.8	14.7	*	18.1
Unknown	783,300	100.0	3.9	16.7	44.5	4.3	11.0	3.3	16.4
<b>Hispanic origin</b>									
Hispanic	152,900	100.0	*	14.5	45.0	*	12.7	*	11.9
Non-Hispanic	2,073,800	100.0	4.4	16.1	38.9	6.5	15.1	4.2	14.8
Unknown	1,461,200	100.0	3.2	13.6	48.1	4.4	11.1	3.7	16.0
<b>Marital status at admission</b>									
Married	1,381,500	100.0	4.0	16.0	41.6	6.1	15.6	3.2	13.4
Widowed	1,181,500	100.0	3.4	16.2	39.9	5.9	15.2	5.8	13.8
Divorced or separated	165,000	100.0	*	13.3	40.7	*	*	*	23.4
Single or never married	548,300	100.0	6.1	14.1	48.4	5.4	9.0	*	15.6
Unknown	411,700	100.0	*	10.3	48.6	4.3	8.5	*	20.9
<b>Residence at discharge</b>									
Private or semiprivate residence	3,490,400	100.0	4.0	15.3	42.9	5.6	13.3	3.8	15.0
Board and care or residential care facility	89,800	100.0	*	*	39.7	*	21.1	*	*
Health facility (including mental health facility)	35,500	100.0	–	*	*	*	*	*	*
Other or unknown	72,300	100.0	*	*	46.8	*	*	*	*
<b>Living arrangement at discharge</b>									
Alone	1,052,900	100.0	3.6	15.8	46.7	4.2	11.1	5.4	13.1
With family members	2,333,500	100.0	4.2	15.1	41.4	6.4	14.5	3.3	15.1
Other or unknown	301,600	100.0	*	12.1	39.8	*	12.7	*	22.7
<b>Referral source</b>									
Self or family	155,000	100.0	*	12.5	30.9	*	11.5	13.3	20.6
Nursing home	81,500	100.0	*	*	40.9	*	*	*	*
Hospital	1,644,600	100.0	4.1	18.1	42.3	5.1	14.3	2.9	13.2
Physician	1,594,800	100.0	4.3	13.1	45.9	6.2	13.2	3.8	13.5
Social service agency	117,700	100.0	*	*	34.5	*	*	*	21.0
Home health agency or hospice	75,800	100.0	*	*	*	*	*	*	42.6
Other	171,600	100.0	*	12.6	46.5	*	*	*	17.2
Unknown	83,900	100.0	–	*	38.6	*	*	*	35.6

NOTE: Numbers may not add to totals because of rounding.

**Table 25. Number and percent distribution of home health discharges by disposition at discharge, according to selected patient characteristics: United States, 1992–93—Con.**

Patient characteristic	All discharges	Total	Disposition at discharge						
			Recovered	Stabilized	Goals met	Deceased	Admitted to hospital inpatient service	Admitted to nursing home	Other or unknown
	Number		Percent distribution						
<b>Primary caregiver</b>									
No primary caregiver or unknown . . . . .	966,100	100.0	4.3	15.8	43.8	3.2	11.2	4.4	17.3
Has primary caregiver . . . . .	2,721,900	100.0	3.8	14.8	42.4	6.5	14.2	3.8	14.4
Spouse . . . . .	1,167,200	100.0	3.6	16.4	41.5	6.6	15.7	2.8	13.5
Parent . . . . .	260,600	100.0	9.6	11.7	50.6	*	*	*	18.1
Child . . . . .	727,500	100.0	2.9	14.5	38.9	7.9	17.1	5.3	13.3
Daughter- or son-in-law . . . . .	31,300	100.0	*	*	*	*	*	*	*
Other relative . . . . .	234,000	100.0	*	13.6	44.5	8.1	9.8	*	18.1
Friend . . . . .	96,200	100.0	*	*	56.6	*	*	*	*
Other or unknown . . . . .	1,171,200	100.0	4.1	15.3	43.8	3.3	11.6	5.0	16.9
<b>Primary source of payment during last billing period</b>									
Private insurance . . . . .	509,800	100.0	7.0	17.9	48.1	4.8	8.5	*	12.6
Own income or family support . . . . .	52,600	100.0	*	*	*	*	*	*	35.8
Medicare . . . . .	2,431,000	100.0	3.1	15.9	43.3	5.7	14.7	4.6	12.7
Medicaid . . . . .	373,600	100.0	5.8	6.9	42.4	5.3	14.5	*	22.2
Other government assistance or welfare . . . . .	2,858,100	100.0	3.5	14.5	43.0	5.7	14.7	4.5	14.1
All other sources . . . . .	106,400	100.0	*	18.0	41.9	*	*	*	24.6
Unknown . . . . .	161,100	100.0	*	14.4	28.9	*	*	*	28.7

NOTE: Numbers may not add to totals because of rounding.

**Table 26. Number and percent distribution of home health discharges by functional status, according to age, sex, and race: United States, 1992–93—Con.**

Functional status	All discharges	Total	Age							Sex		Race			
			Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
			Total <sup>1</sup>	Black	Unknown										
	Number	Percent distribution													
Total	3,688,000	100.0	5.3	9.2	13.7	24.6	30.4	16.1	0.7	36.5	63.5	67.5	11.3	9.8	21.2
Aids used at time of discharge															
No aids used or unknown	780,100	100.0	18.7	21.0	14.8	19.1	18.0	6.9	*	36.2	63.8	53.7	16.1	14.0	30.3
Used aids	2,907,900	100.0	1.6	6.0	13.5	26.1	33.7	18.6	*	36.5	63.5	71.2	10.0	8.6	18.8
Eyeglasses or contact lenses	1,874,800	100.0	*	3.7	13.7	28.6	35.7	17.4	*	35.7	64.3	75.8	8.8	7.6	15.4
Dentures	937,500	100.0	*	*	9.5	28.1	39.6	21.4	*	35.4	64.6	79.2	6.9	5.7	13.9
Hearing aid	256,800	100.0	*	*	*	16.5	40.0	37.8	*	41.2	58.8	79.3	*	*	17.6
Wheelchair	541,400	100.0	*	11.7	16.4	22.2	28.1	19.6	*	41.3	58.7	70.1	11.2	10.0	18.7
Cane	665,000	100.0	*	2.7	10.1	23.8	41.5	20.6	*	32.1	67.9	73.7	8.8	7.6	17.5
Walker	1,171,800	100.0	*	3.9	11.2	24.5	35.1	24.2	*	30.9	69.1	73.0	7.8	7.1	19.2
Crutches	100,400	100.0	*	*	30.2	21.6	21.9	*	—	58.3	41.7	72.8	*	*	19.6
Brace	60,100	100.0	*	*	31.6	*	*	*	—	*	73.8	83.7	*	*	*
Oxygen	156,100	100.0	*	*	12.8	36.4	28.5	15.1	*	48.4	51.6	71.3	*	*	23.3
Hospital bed	287,900	100.0	*	11.7	17.3	21.0	25.5	24.0	*	40.6	59.4	64.4	20.5	19.2	15.1
Commode	392,800	100.0	*	7.5	10.6	20.7	33.4	27.5	*	29.0	71.0	71.2	10.7	9.8	18.1
Transfer equipment	49,600	100.0	*	*	*	*	*	*	*	*	66.2	61.9	*	*	*
Other aids or devices	554,300	100.0	3.9	7.2	16.9	29.2	31.2	11.2	*	38.4	61.6	66.6	11.4	9.9	22.0
Vision															
Not impaired	2,902,000	100.0	6.4	9.7	14.9	25.4	28.8	14.0	0.7	36.0	64.0	65.5	11.6	9.8	22.9
Partially impaired	520,900	100.0	*	6.2	10.7	22.2	36.9	22.4	*	37.3	62.7	76.2	9.0	8.4	14.8
Severely impaired	147,600	100.0	*	*	*	23.2	37.1	26.7	—	44.0	56.0	76.3	*	*	14.7
Completely lost	53,000	100.0	*	*	*	*	*	35.6	—	35.7	64.3	64.9	*	*	*
Unknown	99,000	100.0	*	*	*	24.4	33.2	17.9	*	32.3	67.7	70.3	*	*	*
Hearing															
Not impaired	3,063,800	100.0	6.3	10.4	15.3	25.6	28.8	12.9	0.7	35.4	64.6	65.7	11.6	10.0	22.7
Partially impaired	438,100	100.0	*	*	6.4	20.2	40.8	30.7	*	43.3	56.7	78.9	8.2	7.2	12.9
Severely impaired	103,800	100.0	*	*	*	23.2	24.7	38.1	*	37.1	62.9	68.0	*	*	20.4
Completely lost	*	*	*	*	—	—	*	*	*	*	*	*	*	*	—
Unknown	123,100	100.0	*	*	*	18.4	42.7	24.4	*	34.3	65.7	70.6	15.1	*	14.3
Received help with ADL's															
Bathing	1,273,800	100.0	1.7	4.2	10.2	23.2	36.9	23.0	*	32.4	67.6	71.6	10.1	9.6	18.2
Dressing	1,044,400	100.0	*	4.2	10.4	23.2	38.3	22.1	*	31.8	68.2	73.4	10.5	9.9	16.1
Transferring	945,300	100.0	*	4.1	11.6	25.3	35.5	22.1	*	35.0	65.0	72.7	10.2	9.2	17.1
Using toilet room	647,800	100.0	*	5.4	10.9	25.5	32.1	24.7	*	36.0	64.0	75.9	8.0	7.6	16.1
Eating	288,100	100.0	*	6.8	8.6	25.0	26.9	27.1	*	37.7	62.3	67.3	15.0	14.1	17.6
Walking															
Received no help	2,478,800	100.0	4.8	11.6	15.0	25.5	28.8	13.7	0.7	37.0	63.0	66.3	11.2	9.4	22.5
Received help	953,800	100.0	*	2.8	11.1	24.6	37.2	23.6	*	33.1	66.9	71.7	8.9	7.9	19.4
Unable to do/doesn't do	255,300	100.0	27.6	10.3	11.4	16.0	21.1	11.6	*	43.7	56.3	63.3	21.0	20.4	15.7

See footnotes at end of table.

Table 26. Number and percent distribution of home health discharges by functional status, according to age, sex, and race: United States, 1992–93—Con.

Functional status	All discharges	Total	Age							Sex		Race			
			Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	Black and other		Unknown	
										White	Total <sup>1</sup>	Black			
	Number		Percent distribution												
Continence															
Difficulty controlling bowels . . . . .	305,800	100.0	6.8	8.9	12.4	17.8	31.3	22.5	*	39.1	60.9	69.5	11.0	10.4	19.5
Difficulty controlling bladder . . . . .	510,500	100.0	4.2	9.4	10.2	18.5	31.5	25.9	*	38.5	61.5	68.7	12.6	10.7	18.8
Has ostomy, indwelling catheter, or similar device . . . . .	380,500	100.0	*	12.7	17.5	24.2	27.9	15.2	–	46.2	53.8	67.3	10.7	9.2	22.0
Received help caring for this device . . . . .	315,800	100.0	*	13.7	17.5	24.8	28.3	14.1	–	44.6	55.4	65.8	11.6	9.9	22.6
Received help with IADL's															
Taking medications . . . . .	912,900	100.0	3.7	9.0	15.4	24.0	28.5	18.8	*	35.9	64.1	66.8	11.6	9.4	21.6
Doing light housework . . . . .	765,700	100.0	*	4.8	11.8	23.6	38.0	20.8	*	29.1	70.9	70.7	11.7	10.7	17.6
Preparing meals . . . . .	519,900	100.0	*	3.7	12.6	22.9	37.8	21.8	*	27.4	72.6	67.0	10.9	10.4	22.1
Shopping for groceries or clothing . . . . .	243,900	100.0	*	*	14.9	19.3	40.2	21.2	*	27.2	72.8	64.5	10.7	9.8	24.8
Using the telephone . . . . .	49,600	100.0	–	*	*	*	35.2	*	*	*	67.4	64.8	*	*	*
Managing money . . . . .	32,900	100.0	–	*	*	*	*	*	–	*	69.1	82.1	*	*	*
Received help with ADL's or IADL's															
No help with ADL's or IADL's . . . . .	1,716,500	100.0	8.3	12.6	14.5	24.1	28.5	11.2	*	38.9	61.1	64.7	12.5	10.7	22.8
Help with IADL's only . . . . .	412,000	100.0	6.1	13.6	18.5	27.2	18.6	15.2	*	39.7	60.3	66.2	12.7	9.6	21.1
Help with 1 ADL . . . . .	237,500	100.0	*	*	16.9	26.9	23.4	20.8	*	36.0	64.0	64.5	8.9	7.9	26.6
Help with 2 ADL's . . . . .	427,600	100.0	*	*	12.0	25.5	39.3	18.3	*	28.6	71.4	67.3	7.9	7.0	24.8
Help with 3 ADL's . . . . .	342,200	100.0	*	5.7	11.0	23.5	38.2	19.3	*	33.8	66.2	76.9	7.8	7.8	15.3
Help with 4 ADL's . . . . .	374,700	100.0	*	*	9.6	21.5	40.7	24.2	*	33.5	66.5	74.4	11.7	10.2	13.9
Help with 5 ADL's . . . . .	177,500	100.0	*	*	*	26.9	27.5	30.2	*	36.0	64.0	68.7	13.6	13.1	17.7

<sup>1</sup>Includes races other than white, black, or unknown.

NOTES: Numbers may not add to totals because of rounding. ADL is activities of daily living and IADL is instrumental activities of daily living.

**Table 27. Number and percent distribution of home health discharges by first-listed diagnosis at admission and first-listed diagnosis at discharge: United States, 1992–93**

First-listed diagnosis and ICD–9–CM code	At admission		At discharge	
	Number of discharges	Percent distribution	Number of discharges	Percent distribution
All categories . . . . .	3,688,000	100.0	3,688,000	100.0
Infectious and parasitic diseases . . . . . 001–139	67,400	1.8	57,200	1.6
Neoplasms . . . . . 140–239	298,400	8.1	291,900	7.9
Malignant neoplasms . . . . . 140–208,230–234	293,000	7.9	288,100	7.8
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	40,300	1.1	40,600	1.1
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	41,300	1.1	43,000	1.2
Malignant neoplasm of breast . . . . . 174–175,198.81	32,200	0.9	27,600	0.7
Malignant neoplasm of prostate . . . . . 185	24,400	0.7	27,300	0.7
Malignant neoplasm of urinary organs . . . . . 188–189,198.0–198.1	22,400	0.6	22,200	0.6
Other malignant neoplasm . . . . .	132,400	3.6	127,300	3.5
Endocrine, nutritional, and metabolic diseases, and immunity disorders . . . . . 240–279	234,000	6.3	248,600	6.7
Diabetes mellitus . . . . . 250	188,400	5.1	201,400	5.5
Diseases of the blood and blood-forming organs . . . . . 280–289	46,700	1.3	49,300	1.3
Anemias . . . . . 280–285	21,800	0.6	26,800	0.7
Mental disorders . . . . . 290–319	74,700	2.0	70,600	1.9
Diseases of the nervous system and sense organs . . . . . 320–389	135,800	3.7	139,600	3.8
Parkinson's disease . . . . . 332	19,400	0.5	21,900	0.6
Multiple sclerosis . . . . . 340	25,200	0.7	21,900	0.6
Paralytic syndromes . . . . . 342–344	24,500	0.7	28,500	0.8
Other diseases of the nervous system and sense organs . . . . . 320–330, 331.1–331.0,331.9,333–337,341,345–389.0	66,700	1.8	67,300	1.8
Diseases of the circulatory system . . . . . 390–459	863,100	23.4	842,000	22.8
Essential hypertension . . . . . 401	104,600	2.8	121,500	3.3
Heart disease . . . . . 391–392.0,393–398, 402,404,410–416,420–429	461,600	12.5	432,900	11.7
Ischemic heart disease . . . . . 410–414	163,600	4.4	146,900	4.0
Congestive heart failure . . . . . 428.0	189,900	5.1	178,800	4.8
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	108,100	2.9	107,200	2.9
Cerebrovascular disease . . . . . 430–438	202,500	5.5	185,000	5.0
Other diseases of the circulatory system . . . . .	94,400	2.6	102,500	2.8
Diseases of the respiratory system . . . . . 460–519	254,200	6.9	227,500	6.2
Pneumonia, all forms . . . . . 480–486	89,800	2.4	61,800	1.7
Bronchitis, chronic and unspecified . . . . . 490–491	20,000	0.5	19,200	0.5
Other chronic obstructive pulmonary disease and allied condition . . . . . 460,479,487,492,497–519	87,300	2.4	88,300	2.4
Diseases of the digestive system . . . . . 520–579	150,400	4.1	142,900	3.9
Diseases of the genitourinary system . . . . . 580–629	97,300	2.6	84,200	2.3
Complications of pregnancy, childbirth and the puerperium . . . . . 630–676	32,900	0.9	*	*
Diseases of the skin and subcutaneous tissue . . . . . 680–709	142,300	3.9	106,600	2.9
Decubitus ulcers . . . . . 707.0	29,400	0.8	25,700	0.7
Other chronic ulcer of the skin . . . . . 707.1–707.9	45,100	1.2	30,500	0.8
Diseases of the musculoskeletal system and connective tissue . . . . . 710–739	393,700	10.7	370,600	10.0
Osteoarthritis and allied disorders, except spine . . . . . 715	165,900	4.5	151,400	4.1
Other arthropathies and related disorders . . . . . 710–714,716–719	87,800	2.4	87,600	2.4
Osteoporosis . . . . . 733.0	15,700	0.4	17,700	0.5
Certain conditions originating in the perinatal period . . . . . 760–779	55,700	1.5	42,100	1.1
Symptoms, signs, and ill-defined conditions . . . . . 780–799	224,200	6.1	202,900	5.5
Injury and poisonings . . . . . 800–999	*	*	319,200	8.7
Other fractures . . . . . 800–819,821–829	390,000	10.6	315,700	8.6
Supplementary classifications . . . . . V01–V82	178,600	4.8	466,500	12.7
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1–V20.2,V22–V24	103,600	2.8	73,100	2.0
Posthospital aftercare . . . . . V42–V46,V52,V53.3–V53.7,V54–V58	50,700	1.4	74,500	2.0

NOTE: Numbers may not add to totals because of rounding.



Table 28. Number of home health discharges by primary admission diagnosis, age, sex, and race: United States, 1992–93—Con.

Primary admission diagnosis and ICD–9–CM code	Total	Age						Sex		Race			
		Under 44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
All diagnoses . . . . .	3,688,000	532,800	507,100	907,100	1,121,700	593,800	25,500	1,345,300	2,342,700	2,488,000	416,700	359,800	783,300
Infectious and parasitic diseases . . . . . 001–139	67,400	43,100	*	*	*	*	*	38,200	29,200	26,700	*	*	23,500
Neoplasms . . . . . 140–239	298,400	*	82,300	105,900	64,300	32,300	*	133,100	165,300	214,100	32,900	20,600	51,400
Malignant neoplasms . . . . . 140–208,230–234	293,000	*	80,800	103,900	63,300	31,400	*	131,100	162,000	210,800	32,900	20,600	49,300
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	40,300	–	*	*	*	*	–	*	26,900	31,100	*	*	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	41,300	*	*	*	*	*	*	18,500	22,800	36,200	*	*	*
Malignant neoplasm of breast . . . . . 174–175,198.81	32,200	*	*	*	*	*	–	*	32,200	23,500	*	*	*
Malignant neoplasm of prostate . . . . . 185	24,400	–	*	*	*	*	–	24,400	–	20,800	*	*	*
Malignant neoplasm of urinary organs . . . . . 188–189, 198.0–198.1	22,400	–	*	*	*	*	–	*	*	*	*	*	*
Other malignant neoplasm . . . . .	132,400	*	31,800	46,700	24,400	*	*	58,200	60,000	75,300	21,100	*	21,700
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240–249	234,000	30,000	34,200	78,800	68,500	21,800	*	73,800	160,200	150,000	43,700	41,500	40,300
Diabetes mellitus . . . . . 250	188,400	25,200	29,500	68,200	53,300	*	*	63,700	124,700	123,700	33,200	31,100	31,400
Diseases of the blood and blood-forming organs . . . . . 280–289	46,700	*	*	*	*	*	*	*	32,100	36,000	*	*	*
Anemias . . . . . 280–285	21,800	*	*	*	*	*	*	*	*	*	*	*	*
Mental disorders . . . . . 290–319	74,700	*	*	*	36,300	*	–	*	61,300	45,500	*	*	22,400
Diseases of the nervous system and sense organs . . . . . 320–389	135,800	39,600	26,300	28,700	18,600	20,800	*	51,400	84,400	86,100	*	*	39,600
Parkinson's disease . . . . . 332	19,400	–	*	*	*	*	–	*	*	*	*	*	*
Multiple sclerosis . . . . . 340	25,200	*	*	*	–	*	–	*	19,100	*	*	*	*
Paralytic syndromes . . . . . 342–344	24,500	*	*	*	*	*	*	*	*	*	*	*	*
Other diseases of the nervous system and sense organs . . . . . 320–330,331.0–331.9,333–337,341,345–389.0	66,700	*	*	*	*	*	*	24,300	42,400	45,700	*	*	17,800
Diseases of the circulatory system . . . . . 390–459	863,100	18,700	92,400	203,200	349,200	195,500	*	323,000	540,100	605,800	103,800	88,000	153,600
Essential hypertension . . . . . 401	104,600	*	*	*	45,500	31,100	*	22,000	82,600	57,600	24,100	24,000	22,900
Heart disease . . . . . 391–392.0,393–398, 402,404,410–416,420–429	461,600	*	48,500	113,700	183,400	108,500	*	190,500	271,100	346,100	34,900	29,100	80,600
Ischemic heart disease . . . . . 410–414	163,600	–	*	44,400	69,100	30,400	*	78,000	85,700	118,800	20,000	*	24,800
Congestive heart failure . . . . . 428.0	189,900	*	*	36,900	76,700	57,000	*	72,400	117,500	137,300	*	*	42,400
Other heart disease . . . . . 391–398,415–416,420–427, 428.1–429.9	108,100	*	*	32,400	37,600	21,200	–	40,100	67,900	90,000	*	*	*
Cerebrovascular disease . . . . . 430–438	202,500	*	22,800	53,000	85,900	38,500	–	71,200	131,400	140,100	29,500	23,100	32,900
Other diseases of the circulatory system . . . . .	94,400	*	*	20,300	34,400	17,400	*	39,300	55,100	62,000	*	*	*
Diseases of the respiratory system . . . . . 460–519	254,200	*	29,600	90,600	86,800	29,900	*	97,800	156,400	184,200	22,500	20,900	47,600
Pneumonia, all forms . . . . . 480–486	89,800	*	*	21,200	38,600	*	–	34,400	55,300	65,100	*	*	*
Bronchitis, chronic and unspecified . . . . . 490–491	20,000	*	*	*	*	*	*	*	*	*	*	*	*
Other chronic obstructive pulmonary disease and allied condition . . . . . 460,479,487,492,497–519	87,300	*	*	42,200	26,000	*	*	35,700	51,500	66,600	*	*	*

See footnotes at end of table.

**Table 28. Number of home health discharges by primary admission diagnosis, age, sex, and race: United States, 1992–93—Con.**

Primary admission diagnosis and ICD–9–CM code	Total	Age						Sex		Race			
		Under 44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
Diseases of the digestive system . . . . . 520–579	150,400	17,600	18,300	28,100	61,600	24,800	–	49,900	100,500	103,000	*	*	34,500
Diseases of the genitourinary system . . . . . 580–629	97,300	*	17,500	22,000	34,100	*	*	50,000	47,300	61,000	*	*	27,500
Urinary tract infection . . . . . 580–583,590,595,597,599.0	27,500	*	*	*	*	*	–	*	*	*	*	*	*
Diseases of the skin and subcutaneous tissue . . . . . 680–709	142,300	17,400	19,800	34,200	41,000	29,300	*	57,400	84,900	89,600	24,500	22,100	28,200
Decubitus ulcers . . . . . 707.0	29,400	*	*	*	*	*	–	*	*	17,500	*	*	*
Other chronic ulcer of the skin . . . . . 707.1–707.9	45,100	*	*	*	*	*	*	*	32,300	21,600	*	*	*
Diseases of the musculoskeletal system and connective tissue . . . . . 710–739	393,700	35,100	59,200	104,400	121,500	69,000	*	113,200	280,500	280,000	27,400	27,000	86,300
Osteoarthritis and allied disorders, except spine . . . . . 715	165,900	*	22,500	51,300	62,600	22,800	*	51,400	114,500	127,700	*	*	32,300
Other arthropathies and related disorders . . . . . 710–714,716–719	87,800	*	*	26,300	18,000	19,700	*	22,600	65,100	51,300	*	*	27,300
Certain conditions originating in the perinatal period . . . . . 760–779	55,700	52,500	*	*	–	–	*	35,200	20,500	33,900	*	*	18,500
Symptoms, signs and ill-defined conditions . . . . . 780–799	224,200	26,200	30,000	57,200	69,300	40,800	*	95,200	129,000	159,000	23,100	21,700	42,100
Injuries and poisonings . . . . . 800–999	426,200	48,100	58,000	109,100	139,100	71,700	*	146,800	279,400	298,000	34,600	25,000	93,700
Other fractures . . . . . 800–819,821–829	390,000	30,300	45,000	107,300	125,500	81,100	*	147,000	243,000	290,100	30,300	27,000	69,700
Supplementary classifications . . . . . V01–V82	178,600	118,800	*	19,800	*	*	*	40,400	138,200	89,100	40,000	33,900	49,500
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1–V20.2,V22–V24 <sup>2</sup>	136,500	134,000	–	–	–	–	*	*	122,100	52,900	38,100	32,100	45,500
Posthospital aftercare . . . . . V42–V46,V52,V53.3–V53.7,V54–V58	50,700	*	*	*	*	*	–	18,200	32,500	36,600	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>Includes complications of pregnancy, childbirth and the puerperium (ICD–9–CM 630–676).

NOTE: Numbers may not add to totals because of rounding.

**Table 29. Percent distribution of home health discharges by primary admission diagnosis, according to age, sex, and race: United States, 1992–93**

Primary admission diagnosis and ICD–9–CM code	Total	Age					Sex		Race			
		Under 45 years	45–64 years	65–74 years	75–84 years	85 years and over	Male	Female	Black and other			
									White	Total <sup>1</sup>	Black	Unknown
All diagnoses . . . . .	100.0	14.4	13.7	24.6	30.4	16.8	36.5	63.5	67.5	11.3	9.8	21.2
Infectious and parasitic diseases . . . . . 001–139	100.0	64.0	*	*	*	*	56.7	43.3	39.6	*	*	34.9
Neoplasms . . . . . 140–239	100.0	*	27.6	35.5	21.5	11.3	44.6	55.4	71.8	11.0	6.9	17.2
Malignant neoplasms . . . . . 140–208,230–234	100.0	*	27.6	35.5	21.6	11.2	44.7	55.3	71.9	11.2	7.0	16.8
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	100.0	–	*	*	*	*	*	66.9	77.2	*	*	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	100.0	*	*	*	*	*	44.7	55.3	87.7	*	*	*
Malignant neoplasm of breast . . . . . 174–175,198.81	100.0	*	*	*	*	*	*	99.9	73.0	*	*	*
Malignant neoplasm of prostate . . . . . 185	100.0	–	*	*	*	*	100.0	–	85.3	*	*	*
Malignant neoplasm of urinary organs . . . . . 188–189,198.0–198.1	100.0	–	*	*	*	*	*	*	*	*	*	*
Other malignant neoplasm . . . . .	100.0	*	26.4	36.4	22.3	*	43.9	56.1	66.3	17.3	*	16.4
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240–249	100.0	12.8	14.6	33.7	29.3	9.6	31.5	68.5	64.1	18.7	17.7	17.2
Diabetes mellitus . . . . . 250	100.0	13.4	15.6	36.2	28.3	*	33.8	66.2	65.7	17.6	16.5	16.7
Diseases of the blood and blood-forming organs . . . . . 280–289	100.0	*	*	*	*	*	*	68.7	77.1	*	*	*
Anemias . . . . . 280–285	100.0	*	*	*	*	*	*	*	*	*	*	*
Mental disorders . . . . . 290–319	100.0	*	*	*	48.5	*	*	82.0	60.9	*	*	30.0
Diseases of the nervous system and sense organs . . . . . 320–389	100.0	29.2	19.3	21.2	13.7	16.6	37.9	62.1	63.4	*	*	29.2
Parkinson's disease . . . . . 332	100.0	–	*	*	*	*	*	*	*	*	*	*
Multiple sclerosis . . . . . 340	100.0	*	*	*	–	*	*	75.9	*	*	*	*
Paralytic syndromes . . . . . 342–344	100.0	*	*	*	*	*	*	*	*	*	*	*
Other diseases of the nervous system and sense organs . . . . . 320–330, 331.0–331.9,333–337,341,345–389.0	100.0	*	*	*	*	*	36.4	63.6	68.4	*	*	26.6
Diseases of the circulatory system . . . . . 390–459	100.0	2.2	10.7	23.5	40.5	23.1	37.4	62.6	70.2	12.0	10.2	17.8
Essential hypertension . . . . . 401	100.0	*	*	*	43.5	29.8	21.1	78.9	55.1	23.1	23.0	21.9
Heart disease . . . . . 391–392.0,393–398,402,404,410–416,420–429	100.0	*	10.5	24.6	39.7	24.3	41.3	58.7	75.0	7.6	6.3	17.5
Ischemic heart disease . . . . . 410–414	100.0	–	*	27.1	42.3	20.0	47.6	52.4	72.6	12.2	*	15.2
Congestive heart failure . . . . . 428.0	100.0	*	*	19.4	40.4	30.6	38.1	61.9	72.3	*	*	22.3
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	100.0	*	*	30.0	34.8	19.6	37.1	62.9	83.3	*	*	*
Cerebrovascular disease . . . . . 430–438	100.0	*	11.2	26.2	42.4	19.0	35.1	64.9	69.2	14.6	11.4	16.3
Other diseases of the circulatory system . . . . .	100.0	*	*	21.5	36.4	19.0	41.6	58.4	65.7	*	*	*
Diseases of the respiratory system . . . . . 460–519	100.0	*	11.6	35.6	34.1	12.7	38.5	61.5	72.4	8.9	8.2	18.7
Pneumonia, all forms . . . . . 480–486	100.0	*	*	23.6	43.0	*	38.3	61.7	72.5	*	*	*
Bronchitis, chronic and unspecified . . . . . 490–491	100.0	*	*	*	*	*	*	*	*	*	*	*
Other chronic obstructive pulmonary disease and allied condition . . . . . 460,479, 487,492,497–519	100.0	*	*	48.3	29.8	*	41.0	59.0	76.4	*	*	*
Diseases of the digestive system . . . . . 520–579	100.0	11.7	12.2	18.7	41.0	16.5	33.1	66.9	68.5	*	*	23.0
Diseases of the genitourinary system . . . . . 580–629	100.0	*	18.0	22.6	35.0	*	51.4	48.6	62.7	*	*	28.3
Urinary tract infection . . . . . 580–583,590,595,597,599.0	100.0	*	*	*	*	*	*	*	*	*	*	*
Diseases of the skin and subcutaneous tissue . . . . . 680–709	100.0	12.3	13.9	24.0	28.8	20.9	40.3	59.7	63.0	17.2	15.6	19.8
Decubitus ulcers . . . . . 707.0	100.0	*	*	*	*	*	*	*	59.6	*	*	*
Other chronic ulcer of the skin . . . . . 707.1–707.9	100.0	*	*	*	*	*	*	71.7	48.0	*	*	*

See footnotes at end of table.

**Table 29. Percent distribution of home health discharges by primary admission diagnosis, according to age, sex, and race: United States, 1992–93—Con.**

Primary admission diagnosis and ICD–9–CM code	Total	Age					Sex		Race			
		Under 45 years	45–64 years	65–74 years	75–84 years	85 years and over	Male	Female	Black and other			
									White	Total <sup>1</sup>	Black	Unknown
Diseases of the musculoskeletal system and connective tissue . . . . . 710–739	100.0	8.9	15.0	26.5	30.9	18.7	28.7	71.3	71.1	7.0	6.9	21.9
Osteoarthritis and allied disorders, except spine . . . . . 715	100.0	*	13.6	30.9	37.7	14.4	31.0	69.0	76.9	*	*	19.5
Other arthropathies and related disorders . . . . . 710–714,716–719	100.0	*	*	29.9	20.6	26.3	25.8	74.2	58.5	*	*	31.1
Certain conditions originating in the perinatal period . . . . . 760–779	100.0	94.2	*	*	–	*	63.2	36.8	60.8	*	*	33.2
Symptoms, signs, and ill-defined conditions . . . . . 780–799	100.0	11.7	13.4	25.5	30.9	18.5	42.5	57.5	70.9	10.3	9.7	18.8
Injuries and poisonings . . . . . 800–999	100.0	11.3	13.6	25.6	32.6	16.9	34.5	65.5	69.9	8.1	5.9	22.0
Other fractures . . . . . 800–819,821–829	100.0	7.8	11.5	27.5	32.2	21.0	37.7	62.3	74.4	7.8	6.9	17.9
Supplementary classifications . . . . . V01–V82	100.0	66.5	*	11.1	*	*	22.6	77.4	49.9	22.4	19.0	27.7
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1–V20.2,V22–V24 <sup>2</sup>	100.0	98.2	–	–	–	*	*	89.4	38.8	27.9	23.5	33.3
Posthospital aftercare . . . . . V42–V46,V52,V53.3–V53.7,V54–V58	100.0	*	*	*	*	*	36.0	64.0	72.2	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>Includes complications of pregnancy, childbirth and the puerperium (ICD–9–CM 630–676).

NOTE: Numbers may not add to totals because of rounding.

**Table 30. Number and percent distribution of home health discharges by disposition at discharge, according to primary admission diagnosis: United States, 1992–93**

Primary admission diagnosis and ICD–9–CM code	Disposition at discharge								
	All discharges	Total	Re-covered	Stabilized	Goals met	Deceased	Admitted to hospital inpatient service	Admitted to nursing home	Other
	Number	Percent distribution							
All diagnoses . . . . .	3,688,000	100.0	4.0	15.0	42.8	5.7	13.4	4.0	15.2
Infectious and parasitic diseases . . . . . 001–139	67,400	100.0	*	*	29.5	*	*	*	*
Neoplasms . . . . . 140–239	298,400	100.0	*	13.9	33.1	17.4	14.8	*	18.5
Malignant neoplasms . . . . . 140–208,230–234	293,000	100.0	*	13.6	32.7	17.8	15.0	*	18.7
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	40,300	100.0	*	*	47.8	*	*	–	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	41,300	100.0	*	*	*	*	*	*	*
Malignant neoplasm of breast . . . . . 174–175,198.81	32,200	100.0	*	*	*	*	*	*	*
Malignant neoplasm of prostate . . . . . 185	24,400	100.0	–	*	*	*	*	*	*
Malignant neoplasm of urinary organs . . . . . 188–189,198.0–198.1	22,400	100.0	–	*	*	*	*	*	*
Other malignant neoplasm . . . . .	132,400	100.0	*	*	32.3	20.3	16.3	*	16.6
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240–249	234,000	100.0	*	14.1	37.6	7.6	13.7	*	20.7
Diabetes mellitus . . . . . 250	188,400	100.0	*	15.5	35.9	*	13.7	*	22.6
Diseases of the blood and blood-forming organs . . . . . 280–289	46,700	100.0	*	*	*	*	*	*	*
Anemias . . . . . 280–285	21,800	100.0	*	*	*	*	*	*	*
Mental disorders . . . . . 290–319	74,700	100.0	–	*	34.8	*	*	*	34.4
Diseases of the nervous system and sense organs . . . . . 320–389	135,800	100.0	*	13.9	34.5	*	*	*	26.0
Parkinson's disease . . . . . 332	19,400	100.0	–	*	*	*	*	*	*
Multiple sclerosis . . . . . 340	25,200	100.0	*	*	*	*	*	*	*
Paralytic syndromes . . . . . 342–344	24,500	100.0	–	*	*	*	*	*	*
Other diseases of the nervous system and sense organs . . . . . 320–330,331.0–331.9,333–337,341,345–389.0	66,700	100.0	*	*	32.4	*	*	*	26.2
Diseases of the circulatory system . . . . . 390–459	863,100	100.0	*	14.6	40.3	6.4	18.7	5.5	12.5
Essential hypertension . . . . . 401	104,600	100.0	*	*	34.2	*	21.4	*	20.3
Heart disease . . . . . 391–392.0,393–398,402,404,410–416,420–429	461,600	100.0	*	16.1	39.9	9.2	16.7	4.7	11.6
Ischemic heart disease . . . . . 410–414	163,600	100.0	*	23.2	47.9	*	*	*	11.5
Congestive heart failure . . . . . 428.0	189,900	100.0	*	12.6	27.9	14.1	24.7	*	11.4
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	108,100	100.0	*	*	48.7	*	*	*	*
Cerebrovascular disease . . . . . 430–438	202,500	100.0	*	11.7	45.5	*	17.3	*	10.8
Other diseases of the circulatory system . . . . .	94,400	100.0	*	*	38.2	*	28.1	*	*
Diseases of the respiratory system . . . . . 460–519	254,200	100.0	*	25.7	27.5	*	16.4	7.1	14.6
Pneumonia, all forms . . . . . 480–486	89,800	100.0	*	26.0	28.2	*	*	*	*
Bronchitis, chronic and unspecified . . . . . 490–491	20,000	100.0	–	*	*	*	*	*	*
Other chronic obstructive pulmonary disease and allied condition . . . . . 460,479,487,492,497–519	87,300	100.0	*	27.4	27.7	*	*	*	*
Diseases of the digestive system . . . . . 520–579	150,400	100.0	*	13.2	38.4	*	21.2	*	11.9
Diseases of the genitourinary system . . . . . 580–629	97,300	100.0	*	*	42.7	*	*	*	21.6
Urinary tract infection . . . . . 580–583,590,595,597,599.0	27,500	100.0	*	*	*	*	*	*	*
Diseases of the skin and subcutaneous tissue . . . . . 680–709	142,300	100.0	*	14.3	42.7	*	13.2	*	18.7
Decubitus ulcers . . . . . 707.0	29,400	100.0	*	*	*	*	*	*	*
Other chronic ulcer of the skin . . . . . 707.1–707.9	45,100	100.0	*	*	*	*	*	*	*
Diseases of the musculoskeletal system and connective tissue . . . . . 710–739	393,700	100.0	8.3	14.1	52.5	*	8.2	*	13.1
Osteoarthritis and allied disorders, except spine . . . . . 715	165,900	100.0	*	13.9	63.7	*	*	*	*
Other arthropathies and related disorders . . . . . 710–714,716–719	87,800	100.0	*	*	44.9	*	*	*	*
Certain conditions originating in the perinatal period . . . . . 760–779	55,700	100.0	*	*	59.5	–	*	–	*
Symptoms, signs, and ill-defined conditions . . . . . 780–799	224,200	100.0	*	16.9	43.2	*	16.4	*	12.3
Injuries and poisonings . . . . . 800–999	426,200	100.0	5.5	14.6	54.5	*	7.9	*	11.9
Other fractures . . . . . 800–819,821–829	390,000	100.0	*	15.0	49.0	*	13.9	*	11.9
Supplementary classifications . . . . . V01–V82	178,600	100.0	*	*	67.8	*	*	*	11.4
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1–V20.2,V22–V24 <sup>1</sup>	136,500	100.0	13.8	*	74.7	–	*	–	*
Posthospital aftercare . . . . . V42–V46,V52,V53.3–V53.7,V54–V58	50,700	100.0	*	*	49.6	*	*	*	*

<sup>1</sup>Includes complications of pregnancy, childbirth and the puerperium (ICD–9–CM 630–676).

NOTE: Numbers may not add to totals because of rounding.

**Table 31. Number and percent distribution of home health discharges by length of service, according to primary admission diagnosis: United States, 1992–93**

Primary admission diagnosis and ICD-9-CM code	All discharges	Total	Length of service							Average length of service in days
			1 week or less	8-14 days	15-30 days	31-60 days	61-90 days	91 days or more	Unknown	
			Number		Percent distribution					
All diagnoses	3,688,000	100.0	13.9	10.3	20.4	25.9	6.9	21.3	1.3	91.7
Infectious and parasitic diseases . . . . . 001-139	67,400	100.0	*	*	26.9	*	*	*	-	75.2
Neoplasms . . . . . 140-239	298,400	100.0	16.5	15.0	19.0	24.9	*	18.5	*	56.2
Malignant neoplasms . . . . . 140-208,230-234	293,000	100.0	16.7	15.3	18.4	24.7	*	18.7	*	56.6
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	40,300	100.0	*	*	*	*	*	*	-	44.0
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	41,300	100.0	*	*	*	*	*	*	-	50.6
Malignant neoplasm of breast . . . . . 174-175,198.81	32,200	100.0	*	*	*	*	*	*	-	101.8
Malignant neoplasm of prostate . . . . . 185	24,400	100.0	*	*	*	*	*	*	*	40.6
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	22,400	100.0	*	-	*	*	*	*	-	47.5
Other malignant neoplasm . . . . .	118,100	100.0	16.1	15.5	17.3	22.3	*	19.3	*	53.4
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	234,000	100.0	8.9	9.3	14.3	25.8	*	34.1	*	171.8
Diabetes mellitus . . . . . 250	188,400	100.0	*	9.7	11.8	24.3	*	36.7	*	187.9
Diseases of the blood and blood-forming organs . . . . . 280-289	46,700	100.0	*	*	*	*	*	39.4	*	195.6
Anemias . . . . . 280-285	21,800	100.0	*	*	*	*	-	*	*	231.7
Mental disorders . . . . . 290-319	74,700	100.0	*	*	*	25.8	*	29.3	*	120.6
Diseases of the nervous system and sense organs . . . . . 320-389	135,800	100.0	25.7	*	15.3	17.7	*	32.7	*	155.8
Parkinson's disease . . . . . 332	19,400	100.0	*	-	*	*	*	*	-	144.8
Multiple sclerosis . . . . . 340	25,200	100.0	*	*	*	*	*	*	*	127.7
Paralytic syndromes . . . . . 342-344	24,500	100.0	*	*	*	*	*	*	*	230.9
Other diseases of the nervous system and sense organs . . . . . 320-330,331.0-331.9,333-337,341,345-389.0	66,700	100.0	27.9	*	*	*	*	27.2	*	142.0
Diseases of the circulatory system . . . . . 390-459	863,100	100.0	10.4	9.5	18.1	27.2	6.5	26.3	*	103.1
Essential hypertension . . . . . 401	104,600	100.0	*	*	*	22.7	*	46.8	*	152.5
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	461,600	100.0	9.8	9.2	22.1	28.5	6.1	22.3	*	103.8
Ischemic heart disease . . . . . 410-414	163,600	100.0	11.8	*	25.6	30.9	*	11.2	*	71.1
Congestive heart failure . . . . . 428.0	189,900	100.0	9.6	11.2	19.0	22.8	*	28.8	*	105.5
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	108,100	100.0	*	*	22.1	34.8	*	27.8	*	150.5
Cerebrovascular disease . . . . . 430-438	202,500	100.0	14.6	10.1	14.8	30.0	*	22.1	*	86.5
Other diseases of the circulatory system . . . . .	94,400	100.0	*	*	*	19.7	*	32.1	*	80.7
Diseases of the respiratory system . . . . . 460-519	254,200	100.0	14.2	14.0	25.7	19.5	*	20.3	*	80.8
Pneumonia, all forms . . . . . 480-486	89,800	100.0	*	*	21.0	24.8	*	*	-	61.2
Bronchitis, chronic and unspecified . . . . . 490-491	20,000	100.0	*	*	*	*	*	*	-	56.0
Other chronic obstructive pulmonary disease and allied condition . . . . . 460,479,487,492,493,497-519	101,000	100.0	*	*	27.6	*	*	24.4	*	78.8
Diseases of the digestive system . . . . . 520-579	150,400	100.0	15.3	15.1	23.3	23.6	*	15.7	*	67.4
Diseases of the genitourinary system . . . . . 580-629	97,300	100.0	*	*	29.0	28.2	*	*	*	68.9
Urinary tract infection . . . . . 580-583,590,595,597,599.0	27,500	100.0	*	*	*	*	*	*	*	69.9
Diseases of the skin and subcutaneous tissue . . . . . 680-709	142,300	100.0	*	*	18.6	19.9	*	35.3	*	119.8
Decubitus ulcers . . . . . 707.0	29,400	100.0	*	*	*	*	*	*	-	137.3
Other chronic ulcer of the skin . . . . . 707.1-707.9	45,100	100.0	*	*	*	*	*	48.6	*	126.3
Diseases of the musculoskeletal system and connective tissue . . . . . 710-739	393,700	100.0	8.9	7.7	27.7	37.5	6.5	10.4	*	70.3
Osteoarthritis and allied disorders, except spine . . . . . 715	165,900	100.0	*	*	29.7	42.8	*	*	*	49.6
Other arthropathies and related disorders . . . . . 710-714,716-719,733	103,400	100.0	*	*	21.2	33.4	*	25.4	*	124.4
Certain conditions originating in the perinatal period . . . . . 760-779	55,700	100.0	39.9	*	*	*	*	*	-	39.5
Symptoms, signs, and ill-defined conditions . . . . . 780-799	224,200	100.0	13.5	*	20.5	25.9	*	25.1	*	87.6
Injuries and poisonings . . . . . 800-999	426,200	100.0	11.1	8.7	22.4	30.8	12.0	14.5	*	66.2
Fractures . . . . . 800-829	401,000	100.0	10.5	5.6	20.7	31.2	10.1	21.3	*	79.7
Supplementary classifications . . . . . V01-V82	178,600	100.0	42.5	12.4	10.6	14.8	*	12.1	*	76.9
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1-V20.2,V22-V24 <sup>1</sup>	136,500	100.0	57.6	14.1	*	*	*	*	*	29.0
Posthospital aftercare . . . . . V42-V46,V52,V53.3-V53.7,V54-V58	50,700	100.0	*	*	*	34.6	*	*	*	154.7

<sup>1</sup>Includes complications of pregnancy, childbirth and the puerperium (ICD-9-CM 630-676).

NOTE: Numbers may not add to totals because of rounding.

**Table 32. Number and percent distribution of home health discharges by services received and type of provider during last billing period, according to age, sex, and race: United States, 1992–93**

Service characteristic	All discharges	Total	Age							Sex		Race			
			Under 18 years	18–44 years	45–64 years	65–74 years	75–84 years	85 years and over	Unknown	Male	Female	White	Black and other		
													Total <sup>1</sup>	Black	Unknown
	Number		Percent distribution												
Total	3,688,000	100.0	5.3	9.2	13.7	24.6	30.4	16.1	0.7	36.5	63.5	67.5	11.3	9.8	21.2
Services received															
All services	3,108,800	100.0	5.4	9.4	13.8	24.0	31.2	15.7	*	37.3	62.7	68.5	11.7	10.1	19.8
Personal care	1,013,600	100.0	*	4.1	10.9	24.6	36.6	21.9	*	33.0	67.0	70.3	9.0	8.4	20.7
Social services	391,800	100.0	*	6.7	15.9	23.6	33.6	19.2	*	34.5	65.5	68.4	13.1	11.1	18.6
Physical therapy	1,033,000	100.0	1.7	4.4	13.3	26.2	34.1	19.3	*	32.0	68.0	71.0	8.0	6.5	21.0
Medications	276,100	100.0	*	11.9	20.3	18.7	25.7	19.5	*	35.8	64.2	61.3	13.3	9.9	25.5
Occupational therapy/vocational therapy	173,800	100.0	*	*	16.9	21.4	45.3	*	–	29.4	70.6	70.9	*	*	19.7
Continuous home care	120,700	100.0	*	*	*	27.3	24.9	17.8	*	37.4	62.6	76.8	*	*	*
Counseling	178,100	100.0	*	10.7	19.5	21.0	28.7	16.4	*	32.1	67.9	68.7	20.2	18.7	11.1
Dietary and nutritional services	118,000	100.0	*	*	19.8	17.0	33.4	*	*	34.0	66.0	68.8	*	*	16.7
Durable medical equipment and medical supplies	239,000	100.0	7.4	15.6	17.7	20.2	20.3	18.6	*	35.9	64.1	59.9	15.5	11.1	24.6
Physician services	49,200	100.0	*	*	*	*	*	*	–	43.3	56.7	83.1	*	*	*
Enterostomal therapy	27,800	100.0	–	*	*	*	*	*	–	*	*	86.2	*	*	*
High tech care	132,900	100.0	*	26.6	23.3	23.5	*	*	*	41.5	58.5	58.9	*	*	29.1
Homemaker/companion services	321,600	100.0	*	*	8.6	18.5	40.7	26.2	*	27.1	72.9	78.5	8.4	7.9	13.1
Oral hygiene/prevention services	44,100	100.0	–	*	*	*	40.9	*	–	*	72.0	76.7	*	*	*
Referral services	83,400	100.0	*	*	24.4	*	30.6	*	–	33.1	66.9	79.5	*	*	*
Speech therapy/audiology	60,300	100.0	*	*	*	*	36.7	*	–	55.1	44.9	62.1	*	*	*
Spiritual care	19,400	100.0	*	*	*	*	*	*	–	*	*	*	*	*	*
All other services	125,800	100.0	*	15.4	21.5	14.1	23.8	19.7	*	38.4	61.6	63.6	16.2	15.8	20.2
Service provider															
Registered nurse	3,115,600	100.0	5.3	9.8	13.7	24.1	30.8	15.8	*	37.4	62.6	68.4	11.6	10.0	20.0
Licensed practical nurse	311,000	100.0	*	*	12.3	22.8	39.8	17.5	*	36.4	63.6	68.5	14.4	14.0	17.1
Nursing aide	119,400	100.0	*	*	*	23.3	39.0	21.7	*	33.9	66.1	77.1	14.8	*	*
Home health aide	1,159,800	100.0	*	3.6	10.8	23.4	37.9	22.5	*	32.1	67.9	71.2	9.0	8.5	19.9
Homemaker/personal caregiver	116,600	100.0	*	*	18.4	21.5	30.7	20.1	*	25.0	75.0	68.8	*	*	18.3
Social worker	397,100	100.0	*	6.9	15.8	25.6	33.6	16.9	*	36.6	63.4	68.6	13.2	11.4	18.2
Physical therapist	999,600	100.0	*	4.5	13.1	26.4	34.4	19.4	*	31.7	68.3	71.7	8.1	6.6	20.2
Physician	35,500	100.0	*	*	*	*	*	*	–	*	65.3	75.0	*	*	*
Occupational therapist	172,500	100.0	*	*	16.1	22.2	41.7	13.2	–	27.4	72.6	72.5	*	*	18.1
Speech pathologist or audiologist	54,400	100.0	*	*	*	*	32.6	*	–	59.0	41.0	60.0	*	*	*
Health educator	41,700	100.0	*	*	*	*	45.7	*	*	*	64.2	89.9	*	*	*
Dietician/nutritionist	28,000	100.0	*	*	*	*	*	*	–	*	66.5	66.8	*	*	*
Other providers	40,100	100.0	*	*	*	*	*	*	*	*	74.1	55.7	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 33. Number and percent distribution of home health discharges by services received and type of provider during last billing period, according to primary source of payment: United States, 1992–93**

Service characteristic	Primary source of payment								
	All discharges	Total	Private insurance	Own income or family support	Medicare	Medicaid	Other government assistance or welfare	All other sources	Unknown
	Number	Percent distribution							
Total	3,688,000	100.0	13.8	1.4	65.9	10.1	1.5	2.9	4.4
Services received									
All services	3,108,800	100.0	13.8	0.9	68.1	10.4	1.1	2.3	3.4
Personal care	1,013,600	100.0	5.6	2.7	74.0	8.4	*	3.0	4.6
Social services	391,800	100.0	8.2	*	77.2	5.3	*	*	5.9
Physical therapy	1,033,000	100.0	13.2	*	78.6	4.6	*	2.0	*
Medications	276,100	100.0	21.3	*	61.3	10.4	*	*	*
Occupational therapy/vocational therapy	173,800	100.0	12.1	–	82.2	*	*	*	*
Continuous home care	120,700	100.0	14.7	*	61.6	*	*	*	*
Counseling	178,100	100.0	*	*	70.7	*	*	*	*
Dietary and nutritional services	118,000	100.0	15.1	*	61.4	*	–	*	*
Durable medical equipment and medical supplies	239,000	100.0	22.7	*	58.6	9.9	*	*	*
Physician services	49,200	100.0	*	–	77.4	*	–	*	*
Enterostomal therapy	27,800	100.0	*	*	72.6	*	–	–	–
High tech care	132,900	100.0	39.2	*	37.8	13.9	*	*	*
Homemaker/companion services	321,600	100.0	6.4	7.2	63.6	9.9	*	*	5.7
Oral hygiene/prevention services	44,100	100.0	*	*	71.0	*	–	*	*
Referral services	83,400	100.0	*	*	60.9	*	*	*	*
Speech therapy/audiology	60,300	100.0	*	–	70.3	*	*	*	*
Spiritual care	19,400	100.0	*	*	*	*	–	–	*
All other services	125,800	100.0	14.1	*	51.3	14.7	*	*	*
Service provider									
Registered nurse	3,115,600	100.0	13.9	1.0	67.4	10.6	1.1	2.3	3.7
Licensed practical nurse	311,000	100.0	6.2	*	71.2	7.5	*	*	10.1
Nursing aide	119,400	100.0	*	*	75.6	*	*	*	*
Home health aide	1,159,800	100.0	5.7	2.2	77.5	7.0	*	2.2	4.1
Homemaker/personal caregiver	116,600	100.0	*	*	29.6	14.9	*	*	*
Social worker	397,100	100.0	9.0	*	77.3	5.4	*	*	5.3
Physical therapist	999,600	100.0	13.0	*	79.1	4.6	–	1.9	*
Physician	35,500	100.0	*	–	68.1	*	–	*	*
Occupational therapist	172,500	100.0	11.8	–	83.0	*	*	*	*
Speech pathologist or audiologist	54,400	100.0	*	–	66.2	*	*	*	*
Health educator	41,700	100.0	*	*	66.4	*	*	*	*
Dietician/nutritionist	28,000	100.0	*	*	77.2	*	–	*	*
Other providers	40,100	100.0	*	*	*	*	*	*	*

NOTE: Numbers may not add to totals because of rounding.



**Table 34. Number of current patients receiving hospice care by selected agency characteristics, age, sex, and race: United States, 1993**

Agency characteristic	Total	Age					Sex		Race			
		Under 65 years	65 years and over	65-74 years	75 years and over	Unknown	Male	Female	Black and other			
									White	Total <sup>1</sup>	Black	Unknown
All agencies . . . . .	50,100	13,600	36,500	14,500	21,300	700	20,600	29,500	40,300	5,300	4,600	4,500
Ownership												
Proprietary . . . . .	4,100	700	3,400	1,200	2,200	—	900	3,300	3,900	*	*	*
Voluntary nonprofit . . . . .	45,500	12,600	32,900	13,200	19,000	700	19,500	26,000	36,000	5,200	4,500	4,300
Government . . . . .	*	*	*	*	*	—	*	*	*	*	*	*
Certification												
Certified by Medicare as—												
Home health agency . . . . .	28,100	7,500	20,600	8,600	11,300	700	11,100	17,000	22,200	2,400	1,800	3,500
Hospice . . . . .	43,300	12,000	31,400	12,000	18,700	700	17,600	25,700	34,500	4,500	3,800	4,300
Certified by Medicaid as—												
Home health agency . . . . .	27,800	7,400	20,400	8,400	11,400	600	10,800	16,900	21,900	2,400	1,800	3,400
Hospice . . . . .	40,200	11,100	29,000	11,400	17,000	600	16,700	23,400	32,100	4,300	3,600	3,700
Affiliation												
Chain . . . . .	18,900	5,300	13,700	5,300	8,300	*	7,700	11,300	16,300	700	*	1,900
Operated by a hospital . . . . .	15,600	4,000	11,600	3,400	7,600	600	6,800	8,700	11,900	800	*	2,800
Geographic region												
Northeast . . . . .	11,900	2,500	9,400	4,000	5,500	—	5,400	6,500	10,400	700	700	800
Midwest . . . . .	12,900	3,700	9,100	3,200	5,900	*	5,300	7,600	10,700	1,500	1,000	700
South . . . . .	17,000	5,000	12,000	4,100	7,300	600	6,800	10,200	12,500	2,800	2,800	1,600
West . . . . .	8,300	2,400	5,900	3,200	2,700	*	3,100	5,200	6,700	*	*	1,400
Location												
MSA <sup>2</sup> . . . . .	39,200	10,800	28,400	10,700	17,000	700	16,700	22,500	31,300	3,900	3,200	3,900
Non-MSA <sup>2</sup> . . . . .	10,900	2,800	8,100	3,800	4,300	—	3,900	7,000	8,900	1,400	1,400	*

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 35. Percent distribution of current patients receiving hospice care by selected agency characteristics, according to age, sex, and race: United States, 1993**

Agency characteristic	Total	Age					Sex			Race		
		Under 65 years	65 years and over	65–74 years	75 years and over	Unknown	Male	Female	White	Black and other		
										Total <sup>1</sup>	Black	Unknown
All agencies . . . . .	100.0	28.4	71.6	28.3	42.8	0.5	45.9	54.1	82.9	10.5	9.1	6.6
Ownership												
Proprietary . . . . .	100.0	23.6	76.4	27.8	48.6	–	38.9	61.1	87.5	2.8	2.8	9.7
Voluntary nonprofit . . . . .	100.0	27.8	72.2	28.3	43.3	0.6	45.5	54.5	83.3	10.4	8.8	6.4
Government . . . . .	100.0	51.9	48.1	22.2	25.9	–	63.0	37.0	66.7	24.1	24.1	9.3
Certification												
Certified by Medicare as—												
Home health agency . . . . .	100.0	28.4	71.6	31.2	39.2	1.2	45.0	55.0	79.8	11.0	8.8	9.2
Hospice . . . . .	100.0	27.2	72.8	28.2	44.1	0.5	46.5	53.5	83.1	10.0	8.4	7.0
Certified by Medicaid as—												
Home health agency . . . . .	100.0	28.9	71.1	30.7	39.8	0.6	44.3	55.7	78.7	12.1	9.8	9.2
Hospice . . . . .	100.0	27.9	72.1	27.6	44.2	0.3	46.7	53.3	82.1	10.5	8.9	7.4
Affiliation												
Chain . . . . .	100.0	29.4	70.6	27.9	42.1	0.6	45.4	54.6	86.5	8.7	7.5	4.8
Operated by a hospital . . . . .	100.0	28.5	71.5	27.8	42.9	0.7	46.0	54.0	85.6	9.0	7.2	5.4
Geographic region												
Northeast . . . . .	100.0	27.4	72.6	26.9	45.8	–	47.2	52.8	83.5	8.0	7.5	8.5
Midwest . . . . .	100.0	25.8	74.2	27.3	46.0	1.0	44.4	55.6	87.1	7.8	6.8	5.1
South . . . . .	100.0	30.7	69.3	28.7	40.0	0.5	46.1	53.9	80.2	15.9	15.4	3.9
West . . . . .	100.0	29.0	71.0	30.5	39.9	0.6	45.7	54.3	81.8	7.9	3.2	10.3
Location												
MSA <sup>2</sup> . . . . .	100.0	28.4	71.6	28.1	42.9	0.6	45.8	54.2	82.1	10.7	9.0	7.2
Non-MSA <sup>2</sup> . . . . .	100.0	28.6	71.4	29.4	42.0	–	46.3	53.7	87.5	9.4	9.4	3.1

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 36. Number and percent distribution of current patients receiving hospice care, by length of service since admission and average length of service, according to selected agency characteristics: United States, 1993**

Agency characteristic	All patients	Total	Length of service since admission								Average length of service since admission
			1 week or less	8–14 days	15–30 days	31–60 days	61–90 days	91–180 days	181–364 days	1 year or more	
			Number	Percent distribution							
Total	50,100	100.0	5.5	5.3	12.8	21.7	12.3	21.1	11.9	9.0	133.5
Ownership											
Proprietary	4,100	100.0	*	*	16.0	35.4	*	17.6	*	*	96.8
Voluntary nonprofit	45,500	100.0	5.2	5.6	12.6	20.5	12.7	21.5	12.1	9.3	136.8
Government and others	*	100.0	*	*	*	*	*	*	*	*	*
Certification											
Certified by Medicare as—											
Home health agency	28,100	100.0	4.8	4.4	14.3	25.8	13.6	20.9	10.2	5.3	106.3
Hospice	43,300	100.0	6.1	5.7	13.5	18.9	12.4	21.9	12.0	9.0	133.5
Certified by Medicaid as—											
Home health agency	27,800	100.0	4.7	4.2	14.5	25.7	13.7	20.9	9.8	5.7	107.3
Hospice	40,200	100.0	6.2	5.7	14.0	17.5	13.0	22.3	11.5	9.2	133.4
Affiliation											
Chain	18,900	100.0	7.7	*	9.8	26.0	12.7	23.3	9.5	8.7	126.8
Operated by a hospital	15,600	100.0	6.4	*	11.4	28.8	15.5	15.4	9.9	7.9	120.7
Geographic region											
Northeast	11,900	100.0	5.7	6.1	10.5	33.9	9.5	24.8	*	5.8	98.6
Midwest	12,900	100.0	*	5.6	15.0	21.5	12.2	21.0	9.9	10.8	130.1
South	17,000	100.0	6.1	5.8	8.0	16.7	10.2	17.7	22.4	11.7	178.8
West	8,300	100.0	*	*	22.6	14.6	21.0	23.3	*	*	95.9
Location											
MSA <sup>1</sup>	39,200	100.0	5.4	4.6	12.3	23.7	12.1	21.6	11.8	8.1	127.8
Non-MSA <sup>1</sup>	10,900	100.0	5.9	7.6	14.9	14.4	13.1	19.4	12.3	12.2	153.8

<sup>1</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 37. Number and percent distribution of current patients receiving hospice care by primary source of payment, according to selected agency characteristics: United States, 1993**

Agency characteristic	Primary source of payment at admission									
	All sources		Private insurance		Medicare		Medicaid		All other sources <sup>1</sup>	
	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All patients . . . . .	50,100	100.0	5,700	100.0	31,900	100.0	4,000	100.0	6,200	100.0
Ownership										
Proprietary . . . . .	4,100	8.3	*	9.6	3,200	9.9	*	1.6	*	1.1
Voluntary nonprofit . . . . .	45,500	90.8	5,100	88.7	28,600	89.5	3,900	97.6	6,100	96.7
Government and others . . . . .	*	0.9	*	1.7	*	0.6	*	0.8	*	2.2
Certification										
Certified by Medicare as—										
Home health agency . . . . .	28,100	56.0	3,100	55.1	19,500	61.2	2,300	57.9	1,900	29.8
Hospice . . . . .	43,300	86.5	5,400	95.5	28,300	88.6	3,800	95.9	4,100	63.8
Certified by Medicaid as—										
Home health agency . . . . .	27,800	55.4	3,100	53.7	19,500	61.1	2,300	57.9	1,800	28.7
Hospice . . . . .	40,200	80.1	4,900	86.0	26,300	82.3	3,800	95.9	3,600	56.4
Affiliation										
Chain . . . . .	18,900	37.8	2,900	51.7	12,700	39.8	1,500	36.3	1,200	19.5
Operated by a hospital . . . . .	15,600	31.1	2,100	36.0	10,400	32.5	1,200	29.8	1,100	16.7
Geographic region										
Northeast . . . . .	11,900	23.7	700	12.7	9,200	29.0	900	21.6	800	12.3
Midwest . . . . .	12,900	25.7	2,100	36.8	8,700	27.2	600	15.5	1,300	20.5
South . . . . .	17,000	33.9	1,600	28.2	9,000	28.3	1,800	43.9	3,200	49.9
West . . . . .	8,300	16.6	1,300	22.2	4,900	15.5	800	19.0	1,100	17.3
Location										
MSA <sup>2</sup> . . . . .	39,200	78.3	4,900	85.9	25,700	80.6	3,400	85.1	3,400	53.5
Non-MSA <sup>2</sup> . . . . .	10,900	21.7	800	14.1	6,200	19.4	*	14.9	3,000	46.5

<sup>1</sup>Includes patients with no charge for care.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 38. Number and percent distribution of current patients receiving hospice care by length of service since admission and average length of service, according to selected patient characteristics: United States, 1993**

Patient characteristic	All patients	Total	Length of service since admission								Average length of service since admission
			1 week or less	8-14 days	15-30 days	31-60 days	61-90 days	91-180 days	181-364 days	1 year or more	
			Number	Percent distribution							
Total	50,100	100.0	5.5	5.3	12.8	21.7	12.3	21.1	11.9	9.0	133.5
Age											
Under 65 years	13,600	100.0	*	6.9	8.4	16.9	11.4	29.3	15.7	7.5	151.3
65 years and over	36,500	100.0	6.1	4.6	14.5	23.4	12.7	18.1	10.5	9.5	126.8
65-74 years	14,500	100.0	5.7	6.7	20.6	24.9	9.0	18.5	7.5	7.0	100.4
75 years and over	21,300	100.0	6.6	3.4	10.8	22.1	14.7	18.4	12.6	11.5	147.3
Unknown	700	100.0	-	-	-	*	*	*	*	*	48.1
Sex											
Male	20,600	100.0	6.4	6.4	12.3	24.3	13.2	18.1	10.6	7.6	125.9
Female	29,500	100.0	4.8	4.4	13.2	19.8	11.7	23.3	12.8	9.9	138.7
Race											
White	40,300	100.0	6.0	4.4	14.5	21.8	12.4	20.3	11.7	8.9	132.1
Black and other	5,300	100.0	*	*	*	11.5	14.4	27.0	16.0	14.3	183.0
Black	4,600	100.0	*	*	*	*	15.6	26.3	*	16.6	189.1
Unknown	4,500	100.0	*	*	*	31.9	*	22.0	*	*	86.6
Hispanic origin											
Hispanic	1,100	100.0	*	*	*	*	*	*	*	*	132.5
Non-Hispanic	36,100	100.0	5.3	5.2	14.1	22.3	13.1	18.0	11.8	10.1	136.1
Unknown	12,900	100.0	5.5	5.5	8.6	21.4	10.3	27.9	13.0	6.0	126.0
Marital status at admission											
Married	23,900	100.0	5.8	5.3	16.4	26.4	11.8	15.4	10.1	8.8	128.6
Widowed	15,700	100.0	4.8	4.5	9.9	20.5	11.8	24.7	11.8	10.7	141.3
Divorced or separated	2,700	100.0	*	*	*	*	*	25.7	*	*	132.5
Never married	700	100.0	*	*	*	*	*	*	*	*	209.6
Unknown	4,400	100.0	*	*	*	18.5	19.4	16.8	14.3	*	114.4
Current residence											
Private or semiprivate residence	42,600	100.0	5.8	4.5	14.0	24.1	12.6	21.6	10.8	6.0	114.1
Board and care or residential care facility	2,300	100.0	*	*	*	*	*	*	29.4	*	225.2
Other health facility (including mental health facility)	5,200	100.0	*	*	*	*	*	16.0	12.8	31.1	251.9
Current living arrangements											
Alone	6,700	100.0	*	*	*	11.2	*	44.5	12.9	*	138.1
With family members	34,200	100.0	6.1	4.3	15.3	27.1	12.3	18.4	9.2	6.7	111.6
Only with nonfamily members	4,400	100.0	*	*	*	*	23.7	*	30.0	*	171.9
Primary caregiver											
No primary caregiver or unknown	4,200	100.0	*	*	*	16.2	*	19.7	22.3	*	171.3
Has primary caregiver	45,900	100.0	5.3	5.4	13.6	22.2	12.6	21.3	10.9	8.8	130.0
Referral source											
Self or family	6,200	100.0	*	*	17.6	12.8	14.2	18.0	17.8	*	129.7
Nursing home	2,500	100.0	*	*	*	*	*	*	*	41.6	287.0
Hospital	9,300	100.0	*	6.6	14.7	22.2	9.1	27.1	7.5	6.5	112.3
Physician	25,500	100.0	5.5	5.2	12.6	22.9	15.1	21.7	9.8	7.2	120.0
Social service agency	1,400	100.0	*	*	*	*	*	*	*	*	169.4
Other	2,100	100.0	*	*	*	*	*	*	34.4	*	195.9

NOTE: Numbers may not add to totals because of rounding.

**Table 39. Number and percent distribution of current patients receiving hospice care by primary source of payment, according to selected patient characteristics: United States, 1993**

Patient characteristic	Primary source of payment at admission									
	All sources		Private insurance		Medicare		Medicaid		All other sources	
	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All patients . . . . .	50,100	100.0	5,700	100.0	31,900	100.0	4,000	100.0	6,200	100.0
Age										
Under 65 years . . . . .	13,600	27.2	4,800	84.6	2,100	6.4	3,300	83.6	3,000	48.4
65 years and over . . . . .	36,500	72.8	900	15.4	29,900	93.6	700	16.4	3,200	51.6
65–74 years . . . . .	14,500	28.9	600	10.0	11,500	35.9	400	10.3	1,300	20.7
75 years and over . . . . .	21,300	42.6	300	5.4	18,400	57.6	200	6.1	1,900	30.1
Unknown . . . . .	700	1.4	*	*	( <sup>1</sup> )	( <sup>1</sup> )	*	*	( <sup>1</sup> )	0.8
Sex										
Male . . . . .	20,600	41.1	2,300	40.1	12,200	38.2	2,000	50.0	3,000	48.2
Female . . . . .	29,500	58.9	3,400	59.9	19,700	61.8	2,000	50.0	3,200	51.8
Race										
White . . . . .	40,300	80.4	4,100	72.7	28,000	87.7	2,400	59.5	4,400	72.0
Black and other . . . . .	5,300	10.6	700	11.9	2,000	6.2	1,500	37.5	1,100	17.1
Black . . . . .	4,600	9.1	500	9.6	1,500	4.6	1,400	35.4	1,000	16.3
Unknown . . . . .	4,500	9.0	900	15.4	2,000	6.1	100	3.0	700	10.9
Hispanic origin										
Hispanic . . . . .	1,100	2.1	100	2.3	600	2.0	100	2.3	200	2.6
Non-Hispanic . . . . .	36,100	72.2	4,100	71.5	23,900	74.8	2,900	73.0	4,200	68.7
Unknown . . . . .	12,900	25.7	1,500	26.1	7,400	23.2	1,000	24.7	1,800	28.7
Marital status at admission										
Married . . . . .	23,900	47.6	3,300	58.0	15,200	47.6	1,100	28.6	3,200	51.8
Widowed . . . . .	15,700	31.3	100	2.5	12,500	39.2	900	23.1	1,300	20.9
Divorced or separated . . . . .	2,700	5.4	200	3.7	1,400	4.4	500	11.6	500	8.3
Single or never married . . . . .	5,200	10.3	1,400	24.5	1,200	3.9	1,400	35.7	1,000	16.0
Current residence										
Private . . . . .	42,100	84.1	5,500	97.1	26,900	84.3	3,400	84.1	4,600	74.3
Board and care or residential care facility . . . . .	2,300	4.6	( <sup>1</sup> )	0.2	1,100	3.4	300	8.2	700	11.8
Retirement home . . . . .	200	0.3	*	*	100	0.4	*	*	( <sup>1</sup> )	0.2
Health facility (including mental health facility) . . . . .	4,700	9.4	100	2.4	3,200	9.9	300	7.1	700	12.1
Other . . . . .	500	0.9	*	*	400	1.2	( <sup>1</sup> )	0.3	( <sup>1</sup> )	0.5
Current living arrangements										
Alone . . . . .	6,700	13.4	700	12.7	4,300	13.4	700	18.2	900	14.1
With family members . . . . .	34,200	68.2	4,700	83.2	22,100	69.1	2,000	50.6	3,800	60.9
Only with nonfamily members . . . . .	4,400	8.9	100	1.7	2,400	7.5	1,000	24.0	700	11.9
Unknown . . . . .	100	0.2	*	*	( <sup>1</sup> )	0.1	( <sup>1</sup> )	( <sup>1</sup> )	100	1.0
Primary caregiver										
No primary caregiver or unknown . . . . .	4,200	8.4	100	1.1	2,100	6.7	600	15.9	700	10.8
Has primary caregiver . . . . .	45,900	91.6	5,600	98.9	29,800	93.3	3,400	84.1	5,500	89.2
Length of service since admission										
1 week or less . . . . .	2,700	5.5	300	5.5	2,000	6.3	100	2.5	200	2.5
8–14 days . . . . .	2,600	5.3	200	3.5	1,100	3.4	200	5.9	900	14.2
15–30 days . . . . .	6,400	12.8	800	13.2	4,800	15.2	100	2.8	500	7.7
31–60 days . . . . .	10,800	21.7	1,700	29.1	7,700	24.2	300	6.3	900	14.6
61–90 days . . . . .	6,200	12.3	300	4.9	3,900	12.1	1,100	26.4	700	10.7
91–180 days . . . . .	10,600	21.1	1,900	33.0	6,500	20.4	1,100	28.8	800	12.9
181–364 days . . . . .	6,000	11.9	300	4.4	3,200	9.9	700	18.4	1,600	25.8
1 year or more . . . . .	4,500	9.0	400	6.3	2,700	8.5	400	9.0	700	11.7
Unknown . . . . .	200	0.5	*	*	*	*	*	*	*	*

<sup>1</sup>Figure is greater than zero but less than 50.

NOTE: Numbers may not add to totals because of rounding.

**Table 40. Number of current patients receiving hospice care by selected living and care arrangements, age, sex, and race: United States, 1993**

Living and care arrangement	Total	Age						Sex		Race			
		Under 65 years	65 years and over	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
All patients . . . . .	50,100	13,600	36,500	14,500	14,000	7,300	700	20,600	29,500	40,300	5,300	4,600	4,500
Current residence													
Private or semiprivate residence . . . . .	42,600	12,100	30,600	13,300	11,200	5,400	700	18,600	24,100	33,500	4,800	4,100	4,300
Board and care or residential care facility . . . . .	2,300	700	1,600	*	*	600	-	*	1,800	2,100	*	*	*
Other health facility (including mental health facility) . . . . .	4,700	700	4,000	*	2,200	1,200	*	1,300	3,400	4,200	*	*	*
Current living arrangements													
Alone . . . . .	6,700	2,000	4,700	2,000	2,000	700	*	1,600	5,100	5,000	1,000	700	700
With family members . . . . .	34,200	9,300	24,900	10,900	8,500	4,900	700	15,800	18,400	26,900	3,700	3,300	3,500
Only with nonfamily members . . . . .	4,400	1,600	2,900	1,000	1,300	*	-	1,900	2,600	4,100	*	*	*
Unknown . . . . .	*	*	*	*	*	*	-	*	*	*	*	*	-
Primary caregiver													
No primary caregiver or unknown . . . . .	4,200	1,200	3,100	*	1,400	*	700	1,400	2,800	2,400	900	*	900
Has primary caregiver . . . . .	45,900	12,400	33,400	14,100	12,600	6,800	*	19,200	26,700	37,800	4,400	4,000	3,600
Caregiver relationship													
Spouse . . . . .	20,600	5,000	15,500	7,800	5,500	2,200	*	12,100	8,500	17,700	1,700	1,500	1,200
Parent . . . . .	2,500	2,400	*	*	-	*	-	1,100	1,300	1,800	*	*	*
Child . . . . .	12,900	1,800	11,100	4,200	3,700	3,200	-	2,000	10,900	10,300	1,100	1,000	1,500
Daughter- or son-in-law . . . . .	*	*	*	*	*	*	-	*	*	*	*	*	*
Other relative . . . . .	4,000	1,500	2,400	1,000	900	*	*	1,100	2,900	3,100	700	700	*
Neighbor . . . . .	*	*	*	*	-	*	-	-	*	*	*	*	-
Friend . . . . .	1,800	1,000	800	*	*	*	-	1,500	*	1,400	*	*	*
Volunteer group . . . . .	*	-	*	-	-	*	-	-	*	*	-	-	-
Unknown . . . . .	800	*	700	-	*	*	*	*	*	*	-	-	*

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 41. Number of current patients receiving hospice care by type of aids used and selected functional status, age, sex, and race: United States, 1993**

Functional status	Age							Sex		Race			
	Total	Under 65 years	65 years and over	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	Black and other			
										White	Total <sup>1</sup>	Black	Unknown
All patients . . . . .	50,100	13,600	36,500	14,500	14,000	7,300	700	20,600	29,500	40,300	5,300	4,600	4,500
Aids currently used													
Eyeglasses or contact lenses . . . . .	26,200	5,600	20,600	9,300	8,100	3,200	*	10,700	15,500	22,600	2,100	2,100	1,500
Dentures . . . . .	14,400	1,900	12,500	6,100	4,900	1,500	*	5,200	9,200	13,100	1,000	1,000	*
Hearing aid . . . . .	2,500	*	2,400	700	700	900	-	1,500	1,000	2,400	*	*	*
Wheelchair . . . . .	15,300	2,900	12,400	4,400	5,200	2,800	*	6,500	8,900	13,400	1,300	800	700
Cane . . . . .	5,000	1,200	3,800	700	2,200	900	*	1,800	3,200	4,400	*	*	*
Walker . . . . .	15,100	2,400	12,800	5,200	4,500	3,100	*	5,700	9,400	13,200	900	800	1,000
Crutches . . . . .	*	*	*	*	*	*	-	*	-	*	-	-	-
Brace . . . . .	*	*	*	*	*	-	-	*	*	*	*	*	-
Oxygen . . . . .	10,900	3,200	7,700	3,600	2,800	1,300	*	4,400	6,500	9,800	800	700	*
Hospital bed . . . . .	19,100	4,300	14,800	4,700	5,900	4,300	-	7,700	11,500	16,100	2,000	1,800	1,000
Commode . . . . .	13,500	3,200	10,300	4,200	3,600	2,400	*	4,800	8,700	12,000	1,100	900	*
Transfer equipment . . . . .	1,400	700	700	*	*	*	-	*	900	1,300	*	*	*
No aids used or unknown . . . . .	46,000	12,500	33,500	13,400	13,000	7,100	*	18,400	27,600	37,800	5,100	4,300	3,100
Contenance													
Difficulty controlling bowels . . . . .	9,100	2,000	7,100	2,400	3,400	1,300	-	3,300	5,700	8,000	900	800	*
Difficulty controlling bladder . . . . .	10,100	2,500	7,600	2,000	3,600	2,000	-	4,000	6,100	8,700	800	800	*
Vision													
Not impaired . . . . .	41,900	12,200	29,700	12,400	11,100	5,600	700	17,200	24,700	33,400	5,000	4,200	3,500
Partially impaired . . . . .	5,800	1,100	4,700	1,700	2,300	700	*	2,500	3,300	5,100	*	*	*
Severely impaired . . . . .	1,500	*	1,400	*	*	700	-	*	900	900	*	*	*
Completely lost . . . . .	700	*	*	*	*	*	-	*	*	*	*	*	*
Unknown . . . . .	*	*	*	*	*	*	*	*	*	*	*	*	*
Hearing													
Not impaired . . . . .	42,600	12,500	30,100	13,200	11,800	4,400	700	16,500	26,100	33,900	5,100	4,400	3,600
Partially impaired . . . . .	5,400	1,000	4,300	900	1,800	1,600	-	3,600	1,700	4,900	*	*	*
Severely impaired . . . . .	1,600	*	1,500	*	*	1,000	-	*	1,200	900	*	*	*
Completely lost . . . . .	*	*	*	-	*	*	-	*	*	*	-	-	-
Unknown . . . . .	*	*	*	*	*	*	*	*	*	*	*	*	*
Received help in ADL													
Bathing . . . . .	24,900	4,800	20,100	7,400	7,400	5,300	*	8,900	16,000	20,800	2,000	1,800	2,000
Dressing . . . . .	19,700	3,700	16,000	5,400	5,700	4,900	*	6,800	12,800	16,500	1,500	1,200	1,700
Eating . . . . .	7,300	1,500	5,700	1,800	2,000	2,000	*	2,200	5,100	5,900	*	*	800
Transferring . . . . .	16,200	2,700	13,500	4,200	4,800	4,500	*	6,600	9,600	13,800	1,200	1,000	1,200
Walking . . . . .	13,400	2,100	11,400	3,900	4,400	3,100	*	5,400	8,000	11,500	1,000	800	900
Using toilet room . . . . .	13,100	2,000	11,200	3,800	4,100	3,300	*	5,000	8,200	10,900	1,200	1,000	1,000
Received help in IADL's													
Doing light housework . . . . .	10,500	2,600	7,900	3,300	2,900	1,700	-	3,800	6,700	8,100	1,400	1,300	1,000
Managing money . . . . .	700	*	*	*	*	*	-	*	*	*	*	*	*
Shopping . . . . .	2,900	800	2,000	1,000	800	*	*	1,000	1,900	1,900	*	*	*
Using the telephone . . . . .	1,400	*	1,300	700	*	*	-	*	1,200	1,200	*	*	*
Preparing meals . . . . .	7,100	1,800	5,400	2,100	1,100	2,200	-	3,100	4,100	5,500	800	700	800
Taking medications . . . . .	17,900	4,000	13,900	6,300	4,300	3,300	*	6,900	11,000	15,000	1,800	1,600	1,100
Functional status in ADL's and IADL's													
Received no help in either ADL's or IADL's . . . . .	16,600	6,100	10,500	4,400	4,300	1,100	700	7,000	9,500	12,600	2,100	1,600	1,900
Received help in IADL's only . . . . .	7,500	2,500	5,000	2,500	1,800	700	*	4,200	3,300	6,000	1,100	1,100	*
Received help in 1 ADL . . . . .	3,500	900	2,600	1,100	1,300	*	-	1,500	2,000	2,500	*	*	*
Received help in 2 ADL's . . . . .	5,800	900	4,900	2,300	2,200	*	-	1,600	4,200	5,400	*	*	*
Received help in 3 ADL's . . . . .	5,100	1,200	3,900	1,600	800	1,500	-	1,900	3,100	4,200	*	*	700
Received help in 4 ADL's . . . . .	7,200	1,500	5,700	1,200	2,100	2,400	-	2,800	4,400	5,700	800	700	700
Received help in 5 ADL's . . . . .	4,400	*	3,900	1,400	1,500	1,000	*	1,500	2,900	3,900	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding. ADL is activities of daily living and IADL is instrumental activities of daily living.



**Table 42. Percent distribution of current patients receiving hospice care by type of aids used and selected functional status, according to age, sex, and race: United States, 1993**

Functional status	Total	Age						Sex		Race			
		Under 65 years	65 years and over	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		Unknown
		Total <sup>1</sup>	Black	Unknown									
All patients	100.0	28.4	71.6	28.3	28.6	14.1	0.5	45.9	54.1	82.9	10.5	9.1	6.6
Aids currently used													
Eyeglasses or contact lenses	100.0	21.9	78.1	30.5	31.9	15.4	0.2	45.8	54.2	86.3	8.0	7.0	5.7
Dentures	100.0	15.4	84.6	33.3	33.7	17.3	0.2	45.8	54.2	87.2	9.5	8.1	3.3
Hearing aid	100.0	6.7	93.3	18.9	40.0	34.4	-	62.2	37.8	93.3	2.2	1.1	4.4
Wheelchair	100.0	26.7	73.3	28.0	30.0	14.9	0.3	41.3	58.7	83.9	10.0	8.0	6.1
Cane	100.0	23.3	76.7	22.7	40.1	13.4	0.6	55.2	44.8	86.6	7.6	6.4	5.8
Walker	100.0	20.6	79.4	32.7	29.2	17.0	0.4	46.2	53.8	84.7	10.2	8.6	5.1
Crutches	100.0	40.0	60.0	20.0	20.0	20.0	-	100.0	-	100.0	-	-	-
Brace	100.0	70.0	30.0	10.0	20.0	-	-	20.0	80.0	90.0	10.0	10.0	-
Oxygen	100.0	24.8	75.2	32.5	31.6	10.9	0.2	46.4	53.6	90.5	6.4	5.5	3.2
Hospital bed	100.0	26.3	73.7	26.6	31.2	15.9	-	43.0	57.0	82.9	12.6	10.5	4.5
Commode	100.0	25.0	75.0	30.2	29.6	14.8	0.4	39.8	60.2	84.6	11.6	9.6	3.8
Transfer equipment	100.0	30.0	70.0	27.1	27.1	15.7	-	45.7	54.3	85.7	11.4	10.0	2.9
No aids used or unknown	100.0	28.4	71.6	28.5	29.0	13.9	0.2	45.9	54.1	83.4	10.7	9.2	5.9
Contenance													
Difficulty controlling bowels	100.0	22.7	77.3	23.7	31.6	22.0	-	40.8	59.2	82.2	11.5	10.9	6.3
Difficulty controlling bladder	100.0	22.3	77.7	22.9	31.5	23.2	-	36.7	63.3	83.7	10.6	9.7	5.7
Vision													
Not impaired	100.0	29.8	70.2	29.0	28.3	12.4	0.6	46.4	53.6	82.2	11.1	9.6	6.7
Partially impaired	100.0	24.4	75.6	25.0	30.0	20.0	0.6	45.6	54.4	85.0	*	*	*
Severely impaired	100.0	*	86.7	*	*	31.7	-	*	61.7	91.7	*	*	*
Completely lost	100.0	*	*	*	*	*	-	*	*	*	*	*	*
Unknown	*	*	*	*	*	*	-	*	*	*	*	*	*
Hearing													
Not impaired	100.0	31.0	69.0	29.7	27.0	11.6	0.6	45.2	54.8	81.9	11.4	9.8	6.7
Partially impaired	100.0	14.2	85.8	18.0	39.9	27.9	-	52.5	47.5	89.6	*	*	*
Severely impaired	100.0	*	92.1	*	*	39.5	-	*	50.0	84.2	*	*	*
Completely lost	*	*	*	-	*	*	-	*	*	*	-	-	-
Unknown	*	*	*	*	*	*	-	*	*	*	*	*	*
Received help in ADL													
Bathing	100.0	22.9	77.1	29.0	32.3	15.7	0.1	43.8	56.2	84.3	9.8	8.3	5.9
Dressing	100.0	23.3	76.7	28.3	31.0	17.2	0.1	43.3	56.7	83.3	10.4	8.8	6.2
Eating	100.0	21.8	78.2	28.2	30.1	19.6	0.3	42.1	57.9	83.9	9.8	8.9	6.3
Transferring	100.0	22.0	78.0	28.4	32.1	17.3	0.2	45.6	54.4	83.3	9.8	8.5	6.9
Walking	100.0	20.1	79.9	28.5	34.1	17.0	0.2	46.4	53.6	83.6	10.3	9.0	6.2
Using toilet room	100.0	20.0	80.0	29.7	32.9	17.2	0.2	44.1	55.9	82.8	11.0	9.6	6.2
Received help in IADL's													
Doing light housework	100.0	23.6	76.4	31.2	32.0	13.3	-	41.2	58.8	80.2	12.7	11.9	7.0
Managing money	100.0	33.3	66.7	36.1	25.0	5.6	-	50.0	50.0	66.7	16.7	13.9	16.7
Shopping	100.0	17.9	82.1	30.5	34.7	14.7	2.1	40.0	60.0	84.2	8.4	7.4	7.4
Using the telephone	100.0	30.8	69.2	28.2	25.6	15.4	-	35.9	64.1	76.9	17.9	15.4	5.1
Preparing meals	100.0	25.5	74.5	29.9	29.0	15.6	-	41.1	58.9	84.4	9.1	8.7	6.5
Taking medications	100.0	26.3	73.7	28.0	30.6	14.9	0.2	44.4	55.6	82.3	11.1	9.8	6.6
Functional status in ADL's and IADL's													
Received no help in either ADL's or IADL's	100.0	37.2	62.8	26.1	23.5	11.9	1.2	47.0	53.0	82.8	10.7	8.9	6.5
Received help in IADL's only	100.0	29.1	70.9	31.9	27.2	11.3	0.5	49.8	50.2	80.3	11.7	11.3	8.0
Received help in 1 ADL	100.0	23.0	77.0	28.8	35.3	12.9	-	48.2	51.8	82.0	10.8	9.4	7.2
Received help in 2 ADL's	100.0	23.0	77.0	30.1	32.8	14.2	-	41.0	59.0	86.9	8.2	6.0	4.9
Received help in 3 ADL's	100.0	26.7	73.3	30.6	28.3	14.4	-	48.3	51.7	82.8	11.1	10.0	6.1
Received help in 4 ADL's	100.0	26.1	73.9	23.5	32.2	18.3	-	42.2	57.8	80.9	11.3	9.6	7.8
Received help in 5 ADL's	100.0	16.0	84.0	32.0	32.5	18.9	0.5	43.7	56.3	85.4	9.2	8.3	5.3

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding. ADL is activities of daily living and IADL is instrumental activities of daily living.

**Table 43. Number of current patients receiving hospice care by services received and provider type during last billing period, age, sex, and race: United States, 1993**

Services and service providers	Total	Age						Sex		Race			
		Under 65 years	65 years and over	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	White	Black and other		
											Total <sup>1</sup>	Black	Unknown
All patients	50,100	13,600	36,500	14,500	14,000	7,300	700	20,600	29,500	40,300	5,300	4,600	4,500
Services received													
Total	48,700	13,400	35,400	14,200	13,900	7,300	*	19,900	28,900	39,900	5,200	4,400	3,600
Skilled nursing services	44,600	12,100	32,500	13,200	12,900	6,400	*	18,100	26,500	36,900	4,400	3,700	3,300
Personal care	25,300	4,900	20,400	7,100	8,400	4,800	-	8,900	16,400	22,300	2,200	1,600	800
Social services	32,200	8,300	23,900	9,700	9,200	5,000	*	13,500	18,800	27,700	3,300	3,100	1,300
Counseling	18,000	6,400	11,600	4,600	4,600	2,400	*	8,000	10,000	14,700	2,600	2,400	700
Medications	19,400	5,800	13,600	5,900	5,900	1,900	*	8,200	11,300	16,800	1,900	1,700	700
Homemaker/companion services	7,200	2,100	5,100	1,700	1,400	2,000	-	2,200	5,000	5,600	800	700	800
Meals on Wheels	*	*	*	*	*	*	-	*	*	*	*	*	-
Physical therapy	1,900	*	1,700	1,400	*	*	-	*	1,700	1,900	*	*	-
Respite care	2,600	700	1,900	900	800	*	*	1,000	1,600	2,300	*	*	*
Referral services	3,900	1,400	2,500	900	800	700	-	1,600	2,300	3,300	*	*	*
Dietary and nutritional services	4,500	1,200	3,300	1,300	1,100	800	*	1,700	2,800	4,100	*	*	*
Physician services	6,300	1,500	4,700	2,100	2,100	*	-	3,000	3,300	5,300	800	700	*
High-tech care <sup>2</sup>	2,200	800	1,400	600	*	600	*	*	1,800	1,600	*	*	*
Occupational or vocational therapy	*	*	*	*	*	*	-	*	*	*	*	*	*
Speech therapy/audiology	*	*	*	*	-	*	-	*	*	*	*	*	-
Transportation	1,400	600	800	*	*	*	*	*	800	1,000	*	*	*
Dental treatment services <sup>3</sup>	2,100	*	1,800	*	1,000	*	-	900	1,100	1,800	*	*	*
All other services	34,800	9,800	25,000	10,300	9,700	5,000	*	13,700	21,100	28,400	4,300	3,700	2,100
No services received	1,400	*	1,100	*	*	*	600	700	600	*	*	*	900
Service provider													
Registered nurse	45,400	11,900	33,600	13,500	13,200	6,900	*	18,700	26,700	38,200	4,600	3,800	2,600
Licensed practical nurse	6,200	1,400	4,800	1,700	2,100	1,100	-	2,400	3,800	4,200	900	900	1,000
Nursing aide	7,200	800	6,400	2,900	2,000	1,500	-	1,900	5,300	7,000	*	*	*
Home health aide	21,100	4,900	16,200	6,200	6,400	3,600	-	7,000	14,100	17,600	2,300	1,800	1,200
Homemaker/personal caregiver	2,900	600	2,300	700	*	1,200	-	700	2,200	2,100	*	*	*
Social worker	33,800	8,900	24,800	9,900	9,300	5,600	*	14,100	19,600	28,500	3,300	3,100	2,000
Physical therapist	1,700	*	1,600	1,400	*	*	-	*	1,400	1,600	*	*	-
Physician	5,300	1,200	4,100	1,500	2,200	*	-	2,500	2,700	4,500	700	*	*
Occupational therapist	700	*	*	*	*	*	-	*	*	*	*	*	-
Speech pathologist or audiologist	*	*	*	*	*	-	-	*	*	*	-	-	-
Dietician/nutritionist	1,600	*	1,000	800	*	*	-	600	900	1,400	*	*	*
Health educator	1,900	*	1,700	800	700	*	-	1,100	800	1,700	*	*	*
Volunteer	15,200	4,000	11,200	4,000	4,800	2,500	*	5,300	9,900	12,600	1,900	1,500	700
Other provider	1,000	*	800	*	*	*	-	600	*	600	*	*	*
None or unknown	1,600	*	1,300	*	*	*	600	900	700	*	*	*	900

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>Includes enterostomal therapy.

<sup>3</sup>Includes oral hygiene and preventive services.

NOTE: Numbers may not add to totals because of rounding.

**Table 44. Number and percent distribution of current patients receiving hospice care by services received and type of provider during last billing period, according to source of payment: United States, 1993**

Services and service providers	Primary source of payment									
	All sources		Private insurance		Medicare		Medicaid		All other sources	
	Number of patients	Percent distribution	Number of patients	Percent distribution	Number of patients	Percent distribution	Number of patients	Percent distribution	Number of patients	Percent distribution
All patients . . . . .	50,100	100.0	5,700	100.0	31,900	100.0	4,000	100.0	6,200	100.0
Services received										
Total . . . . .	48,700	97.3	5,600	98.8	31,800	99.7	4,000	99.1	5,600	91.5
Skilled nursing services . . . . .	44,600	89.0	5,200	90.4	30,400	95.2	3,900	98.2	3,900	63.7
Personal care . . . . .	25,300	50.5	1,700	29.1	19,900	62.4	1,800	45.9	1,300	21.2
Counseling . . . . .	18,000	35.9	2,400	42.1	10,400	32.6	2,200	54.5	2,500	41.2
Medications . . . . .	19,400	38.8	2,600	45.2	13,300	41.8	1,500	38.3	1,200	18.8
Physical therapy . . . . .	1,900	3.8	100	1.4	1,700	5.3	100	2.1	( <sup>1</sup> )	0.8
Homemaker/companion services . . . . .	7,200	14.4	700	13.2	4,900	15.5	600	14.0	900	14.6
Respite care . . . . .	2,600	5.1	200	3.3	1,500	4.5	100	3.4	600	9.5
Referral services . . . . .	3,900	7.8	400	6.1	2,100	6.7	900	21.7	500	7.9
Dietary and nutritional services . . . . .	4,500	9.0	500	9.2	2,900	9.2	700	17.3	200	3.9
Physician services . . . . .	6,300	12.5	600	11.0	4,200	13.1	600	15.5	600	10.3
High-tech care <sup>2</sup> . . . . .	2,200	4.5	500	9.5	1,400	4.5	200	4.4	( <sup>1</sup> )	0.6
Occupational or vocational therapy . . . . .	500	1.0	200	3.6	300	0.9	( <sup>1</sup> )	0.4	–	–
Speech therapy/audiology . . . . .	100	0.3	–	–	100	0.2	( <sup>1</sup> )	1.1	( <sup>1</sup> )	0.1
Transportation . . . . .	1,400	2.7	100	1.4	700	2.2	300	8.4	200	2.9
Meals on Wheels . . . . .	200	0.4	( <sup>1</sup> )	0.6	100	0.3	100	1.4	( <sup>1</sup> )	0.2
Dental treatment services <sup>3</sup> . . . . .	2,100	4.1	100	1.5	1,500	4.7	300	8.6	100	1.5
All other services . . . . .	14,200	28.4	1,900	32.5	8,900	27.9	1,400	34.1	1,700	27.9
Service provider										
Registered nurse . . . . .	45,400	90.7	5,000	87.0	30,700	96.3	3,900	97.5	4,400	71.5
Licensed practical nurse . . . . .	6,200	12.4	700	12.9	3,900	12.1	500	11.9	800	13.5
Nursing aide . . . . .	7,200	14.5	300	5.5	6,300	19.8	500	11.3	100	1.5
Home health aide . . . . .	21,100	42.1	1,800	32.4	15,800	49.5	1,700	42.5	1,200	19.9
Homemaker/personal caregiver . . . . .	2,900	5.8	100	2.6	2,400	7.6	200	4.2	100	2.1
Social worker . . . . .	33,800	67.4	3,700	64.8	23,100	72.3	2,600	64.3	3,600	58.3
Physical therapist . . . . .	1,700	3.5	100	1.3	1,500	4.8	100	1.7	( <sup>1</sup> )	0.6
Physician . . . . .	5,300	10.5	500	7.9	3,600	11.3	600	14.7	400	6.5
Occupational therapist . . . . .	700	1.3	200	3.0	300	0.9	200	5.0	–	–
Speech pathologist or audiologist . . . . .	500	1.0	–	–	400	1.1	100	3.0	–	–
Dietician/nutritionist . . . . .	1,600	3.1	100	2.2	800	2.5	500	13.5	( <sup>1</sup> )	0.6
Health educator . . . . .	1,900	3.8	100	1.5	1,500	4.8	300	6.8	( <sup>1</sup> )	0.4
Volunteer . . . . .	15,200	30.3	1,400	25.1	8,900	28.0	1,200	30.2	3,000	48.1
Other providers . . . . .	15,000	29.9	1,700	30.2	9,700	30.5	1,600	40.0	1,300	21.6
None or unknown . . . . .	1,600	3.2	100	1.2	300	1.0	–	–	500	8.6

<sup>1</sup>Figure is greater than zero but less than 50.

<sup>2</sup>Includes enterostomal therapy.

<sup>3</sup>Includes dental treatment services.

NOTE: Numbers may not add to totals because of rounding.

**Table 45. Number and percent distribution of current patients receiving hospice care by primary diagnosis at admission and at time of survey: United States, 1993**

Primary diagnosis and ICD-9-CM code	At admission		At time of survey	
	Number of patients	Percent distribution	Number of patients	Percent distribution
All diagnoses	50,100	100.0	50,100	100.0
Infectious and parasitic diseases . . . . . 001-139	1,400	2.8	1,400	2.7
Neoplasms . . . . . 140-239	35,600	71.0	31,900	63.8
Malignant neoplasms . . . . . 140-208,230-234	35,100	70.1	31,500	62.9
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	2,900	5.7	2,700	5.4
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	10,400	20.8	9,300	18.5
Malignant neoplasm of bone, connective tissue, and skin . . . . . 170-173,188.2,198.5	900	1.7	900	1.7
Malignant neoplasm of breast . . . . . 174-175,198.81	4,300	8.5	3,200	6.4
Malignant neoplasm of female genital organs . . . . . 179-184,198.6	1,100	2.1	1,000	2.1
Malignant neoplasm of prostate . . . . . 185	2,600	5.1	2,400	4.8
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	1,200	2.4	1,200	2.4
Malignant neoplasm of other and unspecified sites . . . . .	11,800	23.6	10,800	21.5
Endocrine,nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	200	0.4	200	0.4
Diseases of the blood and blood-forming organs . . . . . 280-289	300	0.6	300	0.6
Anemias . . . . . 280-285	100	0.2	100	0.2
Diseases of the nervous system and sense organs . . . . . 320-389	2,100	4.2	2,100	4.1
Diseases of the circulatory system . . . . . 390-459	4,600	9.3	4,600	9.2
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	3,300	6.7	3,300	6.6
Ischemic heart disease . . . . . 410-414	400	0.7	300	0.7
Congestive heart failure . . . . . 428.0	1,900	3.8	1,700	3.4
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	1,100	2.2	1,300	2.5
Other diseases of the circulatory system . . . . .	1,300	2.6	1,300	2.6
Diseases of the respiratory system . . . . . 460-519	3,100	6.2	3,000	6.1
All other diagnoses . . . . .	1,700	3.4	2,000	3.9

NOTE: Numbers may not add to totals because of rounding.

**Table 46. Number of current patients receiving hospice care by primary diagnosis at admission, age, sex, and race: United States, 1993**

Primary admission diagnosis and ICD-9-CM code	Total	Age					Sex		Race			
		Under 65 years	65-74 years	75-84 years	85 years and over	Unknown	Male	Female	Black and other			
									White	Total <sup>1</sup>	Black	Unknown
All diagnoses . . . . .	50,100	13,600	14,500	14,000	7,300	700	20,600	29,500	40,300	5,300	4,600	4,500
Infectious and parasitic diseases . . . . . 001-139	1,400	1,300	*	-	-	-	1,100	*	800	*	*	*
Neoplasms . . . . . 140-239	35,600	8,700	11,600	10,500	4,800	*	14,500	21,100	28,500	3,800	3,200	3,300
Malignant neoplasms . . . . . 140-208,230-234	35,100	8,500	11,500	10,300	4,700	*	14,400	20,700	28,300	3,600	3,100	3,200
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	2,900	700	700	1,100	*	-	1,100	1,800	2,400	*	*	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	10,400	2,400	3,200	3,500	1,300	*	5,600	4,800	8,500	1,300	1,000	600
Malignant neoplasm of breast . . . . . 174-175,198.81	4,300	1,600	1,700	700	*	-	*	4,200	3,200	*	*	700
Malignant neoplasm of female genital organs . . . . . 179-184,198.6	1,100	*	*	*	*	*	*	1,100	700	*	*	*
Malignant neoplasm of prostate . . . . . 185	2,600	*	*	1,600	*	*	2,600	-	2,100	*	*	*
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	1,200	*	*	800	*	-	*	800	1,000	*	*	*
Malignant neoplasm of other and unspecified sites . . . . .	12,700	3,300	4,700	2,600	2,100	*	4,700	8,000	10,300	1,100	1,000	1,300
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	*	*	*	*	*	-	*	*	*	*	*	-
Diseases of the blood and blood-forming organs . . . . . 280-289	*	*	*	-	*	-	-	*	*	*	*	-
Anemias . . . . . 280-285	*	*	-	-	*	-	-	*	*	*	*	-
Diseases of the nervous system and sense organs . . . . . 320-389	2,100	1,000	*	800	*	-	*	1,700	2,000	*	*	*
Diseases of the circulatory system . . . . . 390-459	4,600	700	600	1,600	1,700	-	1,800	2,800	4,000	*	*	*
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	3,300	*	*	1,000	1,300	-	1,400	1,900	2,900	*	*	*
Ischemic heart disease . . . . . 410-414	*	-	*	*	*	-	*	*	*	-	-	*
Congestive heart failure . . . . . 428.0	1,900	*	*	*	700	-	800	1,100	1,600	*	*	*
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	1,100	*	*	*	*	-	*	700	1,000	*	*	*
Other diseases of the circulatory system . . . . .	1,300	*	*	600	*	-	*	900	1,200	*	*	*
Diseases of the respiratory system . . . . . 460-519	3,100	1,000	1,300	*	*	*	1,600	1,500	3,000	*	*	*
All other diagnoses . . . . .	1,700	*	*	*	*	-	*	1,200	1,300	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 47. Percent distribution of current patients receiving hospice care by age, sex, and race, according to primary diagnosis at admission: United States, 1993**

Primary diagnosis and ICD-9-CM code	Total	Age				Sex		Race			
		Under 65 years	65-74 years	75-84 years	85 years and over	Male	Female	Black and other			
								White	Total <sup>1</sup>	Black	Unknown
All diagnoses	100.0	28.4	28.3	28.6	14.1	45.9	54.1	82.9	10.5	9.1	6.6
Infectious and parasitic diseases . . . . . 001-139	100.0	97.1	2.9	-	-	77.9	22.1	60.3	33.8	29.4	5.9
Neoplasms . . . . . 140-239	100.0	27.3	31.1	29.7	11.6	46.8	53.2	83.1	10.7	9.1	6.3
Malignant neoplasms . . . . . 140-208,230-234	100.0	27.0	31.5	29.5	11.7	47.0	53.0	83.5	10.5	8.9	6.1
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	100.0	14.1	29.6	40.7	15.6	40.7	59.3	82.2	12.6	11.1	5.2
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	100.0	28.8	35.1	30.6	5.1	54.1	45.9	85.0	9.6	8.7	5.4
Malignant neoplasm of breast . . . . . 174-175,198.81	100.0	37.8	31.5	20.5	10.2	1.6	98.4	84.3	9.4	8.7	6.3
Malignant neoplasm of female genital organs . . . . . 179-184,198.6	100.0	34.5	41.4	13.8	8.6	1.7	98.3	86.2	10.3	8.6	3.4
Malignant neoplasm of prostate . . . . . 185	100.0	7.6	30.5	35.2	25.7	100.0	-	85.7	7.6	5.7	6.7
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	100.0	23.9	26.1	37.0	13.0	56.5	43.5	71.7	19.6	15.2	8.7
Malignant neoplasm of other and unspecified sites . . . . .	100.0	30.7	28.7	27.4	13.0	49.1	50.9	82.8	10.5	8.5	6.7
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	100.0	35.7	14.3	21.4	28.6	57.1	42.9	78.6	21.4	21.4	-
Diseases of the blood and blood-forming organs . . . . . 280-289	100.0	50.0	25.0	-	25.0	-	100.0	50.0	50.0	50.0	-
Anemias . . . . . 280-285	100.0	66.7	-	-	33.3	-	100.0	33.3	66.7	66.7	-
Diseases of the nervous system and sense organs . . . . . 320-389	100.0	34.3	17.1	34.3	14.3	28.6	71.4	91.4	1.4	1.4	7.1
Diseases of the circulatory system . . . . . 390-459	100.0	12.9	15.0	36.7	35.4	37.4	62.6	86.4	5.4	5.4	8.2
Heart disease . . . . . 391-392.0,393-398,402, 404,410-416,420-429	100.0	11.8	15.7	34.3	38.2	37.3	62.7	88.2	3.9	3.9	7.8
Ischemic heart disease . . . . . 410-414	100.0	-	22.2	22.2	55.6	44.4	55.6	77.8	-	-	22.2
Congestive heart failure . . . . . 428.0	100.0	13.8	8.6	37.9	39.7	32.8	67.2	91.4	5.2	5.2	3.4
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	100.0	11.4	25.7	31.4	31.4	42.9	57.1	85.7	2.9	2.9	11.4
Other diseases of the circulatory system . . . . .	100.0	15.6	13.3	42.2	28.9	37.8	62.2	82.2	8.9	8.9	8.9
Diseases of the respiratory system . . . . . 460-519	100.0	15.0	49.0	24.0	10.0	49.0	51.0	93.0	2.0	1.0	5.0
All other diagnoses . . . . .	100.0	25.0	17.1	30.3	27.6	31.6	68.4	80.3	11.8	9.2	7.9

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 48. Number and percent distribution of current patients receiving hospice care by length of service since admission, according to primary diagnosis at admission: United States, 1993**

Primary diagnosis and ICD-9-CM code	All current patients	Total	Length of service since admission								Unknown
			2 weeks or less	15-30 days	31-60 days	61-90 days	91-180 days	181-364 days	1 year or more		
			Number	Percent distribution							
All diagnoses . . . . .	50,100	100.0	10.7	12.8	21.7	12.3	21.1	11.9	9.0	*	
Infectious and parasitic diseases . . . . . 001-139	1,400	100.0	*	*	*	*	*	*	*	-	
Neoplasms . . . . . 140-239	35,600	100.0	12.4	15.1	24.1	10.0	20.9	11.2	6.3	*	
Malignant neoplasms . . . . . 140-208,230-234	35,100	100.0	12.5	15.1	24.2	10.1	21.0	11.0	6.1	*	
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	2,900	100.0	*	*	*	*	*	26.2	*	*	
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	10,400	100.0	8.5	9.8	34.7	11.0	21.9	10.2	*	-	
Malignant neoplasm of breast . . . . . 174-175,198.81	4,300	100.0	*	*	37.3	*	22.3	*	*	-	
Malignant neoplasm of female genital organs . . . . . 179-184,198.6	1,100	100.0	*	*	*	*	*	*	*	-	
Malignant neoplasm of prostate . . . . . 185	2,600	100.0	*	25.0	*	*	*	*	*	-	
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	1,200	100.0	*	*	*	*	*	*	*	-	
Malignant neoplasm of other and unspecified sites . . . . .	12,700	100.0	17.0	20.8	18.2	10.4	22.3	7.2	*	-	
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	*	*	*	*	*	*	*	*	*	-	
Diseases of the blood and blood-forming organs . . . . . 280-289	*	*	-	*	*	-	*	*	-	-	
Anemias . . . . . 280-285	*	*	-	-	*	-	*	*	-	-	
Diseases of the nervous system and sense organs . . . . . 320-389	2,100	100.0	*	*	*	*	*	*	30.3	-	
Diseases of the circulatory system . . . . . 390-459	4,600	100.0	*	*	14.7	13.0	29.6	*	14.7	-	
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	3,300	100.0	*	*	*	*	27.9	*	*	-	
Ischemic heart disease . . . . . 410-414	*	*	*	-	*	-	( <sup>1</sup> )	*	*	-	
Congestive heart failure . . . . . 428.0	1,900	100.0	*	*	*	*	42.8	*	*	-	
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	1,100	100.0	*	*	*	*	*	*	*	-	
Other diseases of the circulatory system . . . . .	1,300	100.0	*	*	*	*	*	*	*	-	
Diseases of the respiratory system . . . . . 460-519	3,100	100.0	*	*	*	26.0	*	*	*	-	
All other diagnoses . . . . .	1,700	100.0	*	*	*	*	*	*	*	-	

<sup>1</sup>Data or computation error.

NOTE: Numbers may not add to totals because of rounding.

**Table 49. Number of current patients receiving hospice care by primary diagnosis at admission and dependency in activities of daily living: United States, 1993**

Primary diagnosis and ICD-9-CM code	Total	Received help in bathing	Received help in dressing	Received help in eating	Received help in transferring	Received help in walking	Received help in using toilet room	Contenance	
								Difficulty controlling bowels	Difficulty controlling bladder
All diagnoses . . . . .	50,100	24,900	19,700	7,300	16,200	13,400	13,100	9,100	10,100
Infectious and parasitic diseases . . . . . 001-139	1,400	700	*	*	*	*	*	*	*
Neoplasms . . . . . 140-239	35,600	17,500	14,200	4,700	10,800	10,200	9,500	5,800	6,000
Malignant neoplasms . . . . . 140-208,230-234	35,100	17,300	14,100	4,600	10,600	10,100	9,400	5,800	6,000
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	2,900	1,100	700	*	700	*	*	800	800
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	10,400	5,500	4,200	1,000	3,900	3,400	3,700	1,700	2,200
Malignant neoplasm of breast . . . . . 174-175,198.81	4,300	2,400	2,100	*	800	1,600	700	*	*
Malignant neoplasm of female genital organs . . . . . 179-184,198.6	1,100	*	*	*	*	*	*	*	*
Malignant neoplasm of prostate . . . . . 185	2,600	1,400	1,100	*	1,200	1,200	1,200	*	*
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	1,200	*	*	*	*	*	*	*	*
Malignant neoplasm of other and unspecified sites . . . . .	12,700	6,000	5,100	2,400	3,600	3,100	3,100	2,700	2,100
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	*	*	*	*	*	*	*	*	*
Diseases of the blood and blood-forming organs . . . . . 280-289	*	*	-	-	*	-	-	*	*
Anemias . . . . . 280-285	*	-	-	-	*	-	-	-	-
Diseases of the nervous system and sense organs . . . . . 320-389	2,100	1,100	900	800	800	*	700	700	800
Diseases of the circulatory system . . . . . 390-459	4,600	2,600	1,700	700	2,200	1,000	800	1,200	1,600
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	3,300	2,000	1,300	*	1,700	*	600	*	1,000
Ischemic heart disease . . . . . 410-414	*	*	*	-	*	*	*	-	*
Congestive heart failure . . . . . 428.0	1,900	1,300	800	*	1,100	*	*	*	800
Other heart disease . . . . . 391-398,415-416,420-427,428.1-429.9	1,100	*	*	*	*	*	*	*	*
Other diseases of the circulatory system . . . . .	1,300	*	*	*	*	*	*	600	700
Diseases of the respiratory system . . . . . 460-519	3,100	1,800	1,300	*	1,300	1,100	1,300	*	*
All other diagnoses . . . . .	1,700	900	900	*	600	*	*	*	*

NOTE: Numbers may not add to totals because of rounding.



**Table 50. Percent distribution of current patients receiving hospice care by dependency in activities of daily living, according to primary diagnosis at admission: United States, 1993**

Primary diagnosis and ICD-9-CM code	Total	Received help in bathing	Received help in dressing	Received help in eating	Received help in transferring	Received help in walking	Received help in using toilet room	Continence	
								Difficulty controlling bowels	Difficulty controlling bladder
All diagnoses . . . . .	100.0	50.3	40.1	18.4	36.2	28.3	29.1	17.7	20.3
Infectious and parasitic diseases . . . . . 001-139	100.0	48.5	36.8	19.1	35.3	27.9	25.0	22.1	19.1
Neoplasms . . . . . 140-239	100.0	48.1	38.8	16.4	34.3	28.1	28.3	15.1	17.1
Malignant neoplasms . . . . . 140-208,230-234	100.0	47.9	38.4	16.2	33.9	28.2	28.3	15.3	17.2
Malignant neoplasm of large intestine and rectum . . . . . 153-154,197.5	100.0	48.1	34.8	14.1	28.9	22.2	21.5	19.3	15.6
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	100.0	48.0	38.1	13.5	36.0	29.4	29.7	12.6	13.8
Malignant neoplasm of breast . . . . . 174-175,198.81	100.0	49.6	35.4	16.5	31.5	22.8	25.2	15.0	22.0
Malignant neoplasm of female genital organs . . . . . 179-184,198.6	100.0	51.7	41.4	27.6	27.6	29.3	25.9	13.8	25.9
Malignant neoplasm of prostate . . . . . 185	100.0	51.4	43.8	18.1	44.8	38.1	39.0	13.3	14.3
Malignant neoplasm of urinary organs . . . . . 188-189,198.0-198.1	100.0	43.5	37.0	13.0	30.4	26.1	28.3	6.5	15.2
Malignant neoplasm of other and unspecified sites . . . . .	100.0	46.1	39.2	17.2	33.2	28.4	27.9	18.0	18.7
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240-279	100.0	50.0	42.9	35.7	42.9	42.9	28.6	21.4	21.4
Diseases of the blood and blood-forming organs . . . . . 280-289	100.0	25.0	-	-	25.0	-	-	25.0	25.0
Anemias . . . . . 280-285	100.0	-	-	-	33.3	-	-	-	-
Diseases of the nervous system and sense organs . . . . . 320-389	100.0	65.7	52.9	40.0	47.1	27.1	38.6	41.4	51.4
Diseases of the circulatory system . . . . . 390-459	100.0	55.8	40.1	17.7	40.1	29.3	27.2	20.4	26.5
Heart disease . . . . . 391-392.0,393-398,402,404,410-416,420-429	100.0	53.9	37.3	16.7	40.2	30.4	27.5	14.7	20.6
Ischemic heart disease . . . . . 410-414	100.0	55.6	44.4	-	22.2	11.1	11.1	-	11.1
Congestive heart failure . . . . . 428.0	100.0	56.9	41.4	24.1	48.3	34.5	32.8	19.0	25.9
Other heart disease . . . . . 391-398, 415-416,420-427,428.1-429.9	100.0	48.6	28.6	8.6	31.4	28.6	22.9	11.4	14.3
Other diseases of the circulatory system . . . . .	100.0	60.0	46.7	20.0	40.0	26.7	26.7	33.3	40.0
Diseases of the respiratory system . . . . . 460-519	100.0	62.0	46.0	23.0	45.0	32.0	43.0	16.0	21.0
All other diagnoses . . . . .	100.0	47.4	43.4	21.1	36.8	26.3	23.7	27.6	30.3

NOTE: Numbers may not add to totals because of rounding.

**Table 51. Number and percent distribution of hospice discharges by age, sex, and race, according to agency characteristics: United States, 1992–93**

Agency characteristic	All discharges	Total	Age				Sex		Race			
			Under 65 years	65–74 years	75–84 years	85 years and over	Male	Female	Black and other			
									White	Total <sup>1</sup>	Black	Unknown
Number		Percent distribution										
All agencies <sup>2</sup>	257,200	100.0	28.5	35.0	23.5	14.4	48.6	51.4	79.3	11.7	9.1	9.0
Ownership												
Proprietary	19,500	100.0	*	41.3	*	*	48.8	51.2	71.5	*	*	*
Voluntary nonprofit	234,400	100.0	29.0	34.1	24.1	14.2	48.2	51.8	80.0	12.1	9.4	7.9
Government and others	*	*	*	*	*	*	*	*	*	*	*	*
Certification												
Certified by Medicare as—												
Home health agency	131,500	100.0	27.5	38.7	21.8	13.3	44.7	55.3	75.4	13.7	10.3	10.9
Hospice	229,800	100.0	27.6	34.5	23.9	15.5	47.8	52.2	81.2	12.1	9.3	6.7
Certified by Medicaid as—												
Home health agency	132,200	100.0	27.6	39.4	21.2	13.0	45.7	54.3	74.7	13.4	10.1	11.9
Hospice	212,300	100.0	26.1	35.9	23.9	15.8	47.9	52.1	80.1	12.6	9.6	7.3
Affiliation												
Chain	89,800	100.0	27.4	32.0	23.4	18.2	46.2	53.8	79.5	11.8	7.7	8.7
Operated by a hospital	84,900	100.0	29.7	28.9	25.0	16.8	49.2	50.8	77.0	17.6	12.5	*
Geographic region												
Northeast	64,700	100.0	26.1	45.8	19.3	10.1	42.4	57.6	77.2	9.3	8.8	13.5
Midwest	69,200	100.0	31.6	28.8	28.3	13.6	49.6	50.4	79.5	11.6	8.5	8.9
South	80,000	100.0	29.8	31.0	23.9	16.7	55.7	44.3	80.7	12.9	11.3	*
West	43,300	100.0	25.1	36.1	21.3	18.1	43.3	56.7	79.3	13.4	*	*
Location												
MSA <sup>3</sup>	202,100	100.0	27.3	35.3	24.2	14.8	48.0	52.0	78.0	12.9	9.9	9.1
Not MSA <sup>3</sup>	55,100	100.0	33.3	33.7	20.9	12.9	50.8	49.2	83.8	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>Includes a small number of discharges with unknown ages.

<sup>3</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 52. Number and percent distribution of hospice discharges by length of service, according to agency characteristics: United States, 1992–93**

Agency characteristic	All discharges	Total	Length of service						Average length of service
			1 week or less	8–14 days	15–30 days	31–60 days	61–90 days	91 days or more	
	Number		Percent distribution						Days
All agencies <sup>1</sup> . . . . .	257,200	100.0	17.8	13.5	21.4	19.1	7.6	19.5	61.8
Ownership									
Proprietary . . . . .	19,500	100.0	*	*	*	*	*	*	29.0
Voluntary nonprofit . . . . .	234,400	100.0	17.3	12.9	21.1	19.1	7.8	20.6	64.8
Government and others . . . . .	*	*	*	*	*	*	*	*	42.3
Certification									
Certified by Medicare as—									
Home health agency . . . . .	131,500	100.0	13.6	11.9	20.2	22.7	9.0	21.5	63.8
Hospice . . . . .	229,800	100.0	17.3	13.5	21.3	18.9	8.2	19.7	60.7
Certified by Medicaid as—									
Home health agency . . . . .	132,200	100.0	13.6	12.1	20.5	22.7	8.9	21.0	61.9
Hospice . . . . .	212,300	100.0	17.1	13.3	21.7	19.1	7.7	20.0	61.1
Affiliation									
Chain . . . . .	89,800	100.0	18.9	11.7	17.9	24.0	7.7	19.0	60.5
Operated by a hospital . . . . .	84,900	100.0	15.9	17.7	19.7	18.3	7.1	20.8	53.6
Geographic region									
Northeast . . . . .	64,700	100.0	11.4	16.0	22.7	21.7	*	23.0	67.3
Midwest . . . . .	69,200	100.0	21.8	14.0	25.7	17.7	*	12.2	49.4
South . . . . .	80,000	100.0	18.0	12.4	16.9	14.1	9.5	28.7	79.4
West . . . . .	43,300	100.0	20.7	*	21.0	26.5	*	*	40.7
Location									
MSA <sup>2</sup> . . . . .	202,100	100.0	19.3	12.0	21.1	18.3	8.3	19.7	59.3
Not MSA <sup>2</sup> . . . . .	55,100	100.0	12.4	19.1	22.5	21.8	*	18.8	70.9

<sup>1</sup>Includes a small number of discharges in the total with unknown length of service.

<sup>2</sup>MSA is metropolitan statistical area.

NOTE: Numbers may not add to totals because of rounding.

**Table 53. Number and percent distribution of hospice discharges, and number and rate of deaths, by selected patient characteristics: United States, 1992–93**

<i>Patient characteristic</i>	<i>Discharges</i>		<i>Deaths</i>	
	<i>Number</i>	<i>Percent distribution</i>	<i>Number</i>	<i>Rate</i>
<b>Sex and age</b>				
Both sexes:				
All ages <sup>1</sup> . . . . .	257,200	100.0	219,600	85.4
Under 65 years . . . . .	73,400	31.2	61,600	83.9
65 years and over . . . . .	183,800	68.8	158,000	86.0
65–74 years . . . . .	89,900	31.1	78,900	87.8
75–84 years . . . . .	60,400	25.3	51,700	85.7
85 years and over . . . . .	32,600	11.7	26,600	81.6
Male:				
All ages <sup>1</sup> . . . . .	125,100	51.2	110,700	88.5
Under 65 years . . . . .	34,500	17.6	29,800	86.4
65 years and over . . . . .	90,600	33.5	80,800	89.2
65–74 years . . . . .	50,100	16.2	45,200	90.3
75–84 years . . . . .	27,500	12.8	24,800	90.2
85 years and over . . . . .	12,500	3.9	10,400	83.8
Female:				
All ages <sup>1</sup> . . . . .	132,100	48.8	109,000	82.5
Under 65 years . . . . .	38,900	13.6	31,800	81.8
65 years and over . . . . .	93,200	35.3	77,100	82.8
65–74 years . . . . .	39,800	14.9	33,700	84.6
75–84 years . . . . .	32,900	12.4	26,900	81.9
85 years and over . . . . .	20,100	7.8	16,100	80.2
<b>Race and age</b>				
White:				
All ages <sup>1</sup> . . . . .	203,800	81.5	179,100	87.9
Under 65 years . . . . .	51,200	23.2	46,500	90.8
65 years and over . . . . .	152,700	58.4	132,700	86.9
65–74 years . . . . .	71,700	26.2	63,400	88.4
75–84 years . . . . .	52,300	21.8	44,000	84.1
85 years and over . . . . .	27,900	9.9	24,700	88.6
Black and other:				
All ages <sup>1</sup> . . . . .	30,100	10.8	23,800	78.9
Under 65 years . . . . .	11,600	5.3	8,900	77.0
65 years and over . . . . .	18,500	5.5	14,800	80.1
Black:				
All ages . . . . .	23,400	8.6	19,400	82.7
Under 65 years . . . . .	9,000	4.3	6,400	71.7
65 years and over . . . . .	14,500	4.3	12,900	89.5
Unknown:				
All ages . . . . .	23,200	7.7	16,700	71.9
Under 65 years . . . . .	10,700	2.7	6,200	58.4
65 years and over . . . . .	12,600	5.0	10,500	83.3
<b>Geographic region</b>				
Northeast:				
All ages . . . . .	64,700	24.4	55,200	85.3
Under 65 years . . . . .	16,900	6.4	13,400	79.5
65 years and over . . . . .	47,800	17.9	41,800	87.4
65–74 years . . . . .	29,600	8.8	24,700	83.4
75–84 years . . . . .	12,500	5.9	12,000	95.9
85 years and over . . . . .	*	3.0	*	*
Midwest:				
All ages . . . . .	69,200	22.7	60,300	87.1
Under 65 years . . . . .	21,800	7.2	19,700	90.2
65 years and over . . . . .	47,400	15.5	40,600	85.7
65–74 years . . . . .	19,900	6.7	17,000	85.1
75–84 years . . . . .	19,600	5.8	16,800	85.6

**Table 53. Number and percent distribution of hospice discharges, and number and rate of deaths, by selected patient characteristics: United States, 1992–93—Con.**

<i>Patient characteristic</i>	<i>Discharges</i>		<i>Deaths</i>	
	<i>Number</i>	<i>Percent distribution</i>	<i>Number</i>	<i>Rate</i>
85 years and over . . . . .	7,700	2.8	6,700	87.0
See footnotes at end of table.				
Geographic region—Continued				
South:				
All ages . . . . .	80,000	32.8	69,000	86.3
Under 65 years . . . . .	23,800	11.1	20,000	83.9
65 years and over . . . . .	56,100	21.7	49,000	87.4
65–74 years . . . . .	24,800	9.3	22,700	91.6
75–84 years . . . . .	19,100	8.5	16,300	85.5
85 years and over . . . . .	12,100	3.7	10,000	82.7
West:				
All ages . . . . .	43,300	20.2	35,100	81.0
Under 65 years . . . . .	10,900	6.5	8,500	78.3
65 years and over . . . . .	32,400	13.6	26,600	81.9
65–74 years . . . . .	15,600	6.3	14,600	93.5
75–84 years . . . . .	9,200	5.0	6,700	72.4
85 years and over . . . . .	7,500	2.1	*	*

<sup>1</sup>Includes a small number of discharges with unknown ages.

NOTE: Numbers may not add to totals because of rounding.

**Table 54. Number and percent distribution of hospice discharges by length of service and discharge status, according to selected patient characteristics: United States, 1992–93**

Patient characteristic	All discharges	Total	Length of service						Disposition at discharge		Average length of service
			1 week or less	8–14 days	15–30 days	31–60 days	61–90 days	91 days or more	Deceased	Other or unknown	
	Number		Percent distribution								Days
Total	257,200	100.0	17.8	13.5	21.4	19.1	7.6	19.5	85.4	14.6	61.8
Age											
Under 65 years	73,400	100.0	21.6	19.2	22.2	16.7	7.9	12.0	83.9	16.1	48.1
65 years and over	183,800	100.0	16.3	11.2	21.1	20.0	7.5	22.5	86.0	14.0	67.2
65–74 years	89,900	100.0	15.4	9.3	28.1	20.0	6.4	18.5	87.8	12.2	55.1
75–84 years	60,400	100.0	19.1	12.3	17.9	17.2	*	28.7	85.7	14.3	73.2
85 years and over	32,600	100.0	*	*	*	25.8	*	21.1	81.6	18.4	87.7
Sex											
Male	125,100	100.0	18.8	11.7	24.5	19.4	8.0	17.1	88.5	11.5	62.8
Female	132,100	100.0	16.9	15.2	18.5	18.7	7.2	21.8	82.5	17.5	60.8
Race											
White	203,800	100.0	16.0	14.7	19.3	21.0	7.7	20.2	87.9	12.1	64.1
Black and other	30,100	100.0	25.0	*	33.4	*	*	21.8	78.9	21.1	52.0
Black	23,400	100.0	25.6	*	36.6	*	*	*	82.7	*	52.8
Unknown	23,200	100.0	24.6	*	24.7	*	*	*	71.9	28.1	54.0
Marital status at admission											
Married	144,000	100.0	17.9	10.1	24.9	23.9	6.2	16.8	86.8	13.2	60.6
Widowed	58,800	100.0	18.1	12.0	16.1	13.0	12.8	24.6	85.0	15.0	68.8
Divorced or separated	18,000	100.0	31.1	*	*	*	*	*	77.5	*	39.1
Single or never married	29,500	100.0	*	35.5	*	*	*	22.0	85.5	*	53.1
Unknown	7,000	100.0	*	*	*	*	*	*	79.4	*	121.3
Residence at discharge											
Private or semiprivate residence	217,800	100.0	15.3	14.1	22.6	20.4	6.7	20.0	84.6	15.4	63.0
Health facility (including mental health facility)	33,100	100.0	35.1	*	17.5	*	*	*	90.9	*	50.4
Other or unknown	6,300	100.0	*	*	*	*	*	*	*	*	77.1
Living arrangement at discharge											
Alone	31,300	100.0	*	20.0	*	22.0	*	26.9	79.5	20.5	*
With family members	182,700	100.0	15.6	13.0	23.6	20.5	6.7	19.5	85.9	14.1	64.7
Other or unknown	10,200	100.0	*	*	*	*	*	*	76.2	*	45.1
Referral source											
Self or family	36,700	100.0	23.0	24.0	*	18.9	*	16.5	84.7	15.3	50.4
Nursing home	7,300	100.0	*	*	*	*	*	*	95.9	*	*
Hospital	48,800	100.0	18.4	13.1	22.1	14.5	*	24.9	89.0	*	48.5
Physician	123,100	100.0	18.8	12.5	21.5	22.6	7.1	16.9	86.5	13.5	62.9
Social service agency	9,700	100.0	*	*	*	*	*	*	79.4	*	75.7
Home health agency	11,000	100.0	*	*	*	*	*	*	93.5	*	62.9
Primary caregiver											
No primary caregiver or unknown	16,200	100.0	*	*	*	*	*	*	69.0	*	60.9
Has primary caregiver	241,000	100.0	17.0	13.3	21.9	19.7	7.8	19.5	86.5	13.5	61.8
Caregiver											
Spouse	126,200	100.0	18.2	10.8	24.7	21.6	6.6	17.8	90.1	9.9	61.3
Parent	9,600	100.0	*	*	*	*	*	*	72.4	*	*
Child	58,300	100.0	18.4	11.0	17.8	21.1	*	19.8	81.9	18.1	65.4
Other relative	26,500	100.0	*	21.2	*	*	*	28.8	91.5	*	*
Other or unknown	20,900	100.0	*	*	30.9	*	*	*	78.2	*	60.7
Primary source of payment											
Private insurance	37,600	100.0	17.5	23.6	23.8	16.4	*	*	86.9	*	38.1
Medicare	162,500	100.0	15.8	9.1	21.9	20.4	8.1	23.3	85.1	14.9	69.5
Medicaid	18,200	100.0	33.9	*	*	*	*	*	81.2	*	*
All other sources	38,800	100.0	19.1	22.4	20.9	16.1	*	15.6	87.1	*	48.7

NOTE: Numbers may not add to totals because of rounding.

**Table 55. Number and percent distribution of hospice discharges by age, sex, and race of patient, according to functional status: United States, 1992–93**

Functional status	All discharges	Age						Sex		Race			
		Total	Under 65 years	65 years and over	65–74 years	75–84 years	85 years and over	Male	Female	Black and other			
										White	Total <sup>1</sup>	Black	Unknown
Number		Percent distribution											
Total	257,200	100.0	28.5	71.1	35.0	23.5	12.7	48.6	51.4	79.3	11.7	9.1	9.0
Aids used at time of discharge													
No aids used or unknown	17,200	100.0	50.1	49.9	*	*	*	68.8	*	60.5	*	*	*
Used aids	240,000	100.0	27.0	72.6	35.7	23.7	13.2	47.2	52.8	80.6	11.4	9.3	8.0
Eyeglasses or contact lenses	105,000	100.0	24.5	75.3	40.1	22.6	12.5	49.7	50.3	80.8	13.2	10.8	6.0
Dentures	61,600	100.0	19.5	80.5	39.4	25.5	15.6	40.4	59.6	81.7	14.4	10.3	*
Hearing aid	12,100	100.0	*	94.9	*	*	*	60.9	*	96.0	*	*	*
Wheelchair	66,300	100.0	30.3	69.5	34.1	22.5	12.9	48.5	51.5	83.6	11.1	10.2	*
Cane	10,700	100.0	*	83.2	*	*	*	57.4	*	87.2	*	*	*
Walker	62,700	100.0	27.9	72.0	37.7	22.2	12.1	46.3	53.7	84.9	9.2	*	*
Oxygen	69,800	100.0	28.3	71.6	37.3	22.3	12.1	57.2	42.8	86.1	*	*	*
Hospital bed	132,300	100.0	28.1	71.8	34.5	26.7	10.7	52.0	48.0	81.1	13.7	11.7	5.2
Commode	79,900	100.0	31.4	68.0	30.6	23.9	13.5	46.7	53.3	84.9	8.1	6.9	7.0
Other aids or devices	53,600	100.0	26.5	73.5	29.0	32.6	12.0	54.0	46.0	86.4	*	*	*
Vision													
Not impaired	221,400	100.0	30.0	69.6	35.7	21.6	12.3	49.6	50.4	79.1	12.4	9.6	8.5
Partially impaired	22,600	100.0	*	81.3	*	45.4	*	44.3	55.7	79.7	*	*	*
Severely impaired	8,000	100.0	*	78.3	*	*	*	*	*	79.9	*	*	*
Completely lost	*	*	*	*	*	*	*	*	*	*	*	*	—
Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*
Hearing													
Not impaired	220,100	100.0	31.4	68.2	37.3	21.9	9.0	47.3	52.7	78.1	12.4	9.5	9.5
Partially impaired	25,200	100.0	*	85.9	24.5	29.5	31.8	63.5	36.5	87.1	*	*	*
Severely impaired	9,100	100.0	*	97.6	*	*	*	*	*	87.0	*	*	—
Completely lost	*	*	*	*	*	*	*	*	*	*	*	*	—
Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*
Received help with ADL's													
Bathing	164,400	100.0	24.9	74.9	37.1	23.8	14.0	48.8	51.2	80.2	9.6	8.1	10.1
Dressing	129,100	100.0	25.5	74.1	35.9	23.4	14.9	46.6	53.4	79.5	9.9	8.2	10.6
Transferring	97,900	100.0	28.1	71.3	31.7	26.9	12.7	43.0	57.0	83.6	7.6	5.8	8.8
Using toilet room	82,300	100.0	19.9	79.5	35.3	28.2	16.1	46.6	53.4	84.2	7.0	*	8.8
Eating	71,200	100.0	25.2	74.2	35.3	23.5	15.4	44.4	55.6	84.3	*	*	10.1
Walking													
Received no help	119,500	100.0	26.9	72.7	36.7	22.8	13.3	51.2	48.8	76.7	16.7	13.2	6.5
Received help	70,300	100.0	31.7	68.1	34.1	22.2	11.9	47.9	52.1	80.1	8.0	*	12.0
Unable to do/doesn't do	67,300	100.0	28.0	71.4	32.8	26.1	12.4	44.9	55.1	82.9	*	*	10.4
Contenance													
Difficulty controlling bowels	54,100	100.0	29.8	70.1	29.6	25.8	14.7	48.6	51.4	84.0	*	*	*
Difficulty controlling bladder	63,400	100.0	24.1	75.9	32.7	27.1	16.1	52.1	47.9	83.8	*	*	*
Has ostomy, indwelling catheter, or similar device	81,200	100.0	25.5	74.5	32.4	33.6	8.5	47.0	53.0	80.6	9.3	7.8	10.1
Received help caring for this device	70,300	100.0	26.0	74.0	33.6	32.4	8.0	48.0	52.0	81.5	9.7	8.2	8.8
Received help with IADL's													
Taking medications	111,000	100.0	28.4	71.2	32.9	23.8	14.5	49.3	50.7	77.8	13.1	8.9	9.1
Doing light housework	73,000	100.0	12.6	86.9	41.9	27.6	17.5	53.0	47.0	73.6	13.1	12.2	13.4
Preparing meals	40,600	100.0	16.4	82.8	35.7	36.4	*	45.1	54.9	72.6	14.2	13.7	*
Shopping for groceries or clothing	9,100	100.0	*	67.6	*	*	*	*	*	84.8	*	—	*
Using the telephone	5,700	100.0	*	*	*	*	*	*	*	*	*	*	*
Managing money	*	*	*	*	*	*	*	*	*	*	*	*	*

See footnotes at end of table.

**Table 55. Number and percent distribution of hospice discharges by age, sex, and race of patient, according to functional status: United States, 1992–93—Con.**

Functional status	All discharges	Total	Age					Sex		Race				
			Under 65 years	65 years and over	65–74 years	75–84 years	85 years and over	Male	Female	White	Black and other			
											Total <sup>1</sup>	Black	Unknown	
	Number		Percent distribution											
Received help with ADL's or IADL's														
No help with ADL's or IADL's . . . . .	62,900	100.0	38.2	61.5	28.8	23.5	9.2	48.1	51.9	74.9	16.1	13.7	9.0	
Help with IADL's only . . . . .	24,300	100.0	27.9	71.8	37.4	*	*	47.9	52.1	80.9	*	*	*	
Help with 1 ADL . . . . .	18,700	100.0	33.7	65.3	37.4	*	*	56.4	43.6	84.1	*	*	*	
Help with 2 ADL's . . . . .	46,100	100.0	20.5	79.4	46.3	19.2	13.9	55.9	44.1	75.2	14.0	12.3	*	
Help with 3 ADL's . . . . .	38,000	100.0	*	87.4	33.4	33.2	20.8	47.2	52.8	86.1	*	*	*	
Help with 4 ADL's . . . . .	28,100	100.0	30.0	68.7	31.7	23.7	*	45.8	54.2	72.3	*	*	*	
Help with 5 ADL's . . . . .	39,100	100.0	34.9	64.9	32.8	21.4	*	41.1	58.9	86.0	*	*	*	

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding. ADL is activities of daily living and IADL is instrumental activities of daily living.



**Table 56. Number and percent distribution of hospice discharges by first-listed diagnosis at admission and at discharge: United States, 1992–93**

<i>First-listed diagnosis and ICD–9–CM code</i>	<i>At admission</i>		<i>At discharge</i>	
	<i>Number of discharges</i>	<i>Percent distribution</i>	<i>Number of discharges</i>	<i>Percent distribution</i>
All categories . . . . .	257,200	100.0	257,200	100.0
Infectious and parasitic diseases . . . . . 001–139	8,700	3.4	6,700	2.6
Neoplasms . . . . . 140–239	202,500	78.7	192,700	74.9
Malignant neoplasms . . . . . 140–208,230–234	200,800	78.1	191,100	74.3
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	29,200	11.3	29,100	11.3
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	48,400	18.8	46,100	17.9
Malignant neoplasm of breast . . . . . 174–175,198.81	13,900	5.4	12,900	5.0
Malignant neoplasm of female genital organs . . . . . 179–184,198.6	9,200	3.6	9,000	3.5
Malignant neoplasm of prostate . . . . . 185	14,600	5.7	14,300	5.6
Malignant neoplasm of urinary organs . . . . . 188–189,198.0–198.1	7,500	2.9	7,200	2.8
Other malignant neoplasm . . . . . 140–149,150–152,155–161,163–165,170–173,176,186–187,188.2,190–196,197.1,198.5,204–208	78,100	30.4	72,400	28.1
Diseases of the circulatory system . . . . . 390–459	17,900	6.9	15,900	6.2
Heart disease . . . . . 391–392.0,393–398,402,404,410–416,420–429	12,800	5.0	12,000	4.7
Congestive heart failure . . . . . 428.0	6,200	2.4	6,100	2.4
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	6,600	2.6	5,200	2.0
Diseases of the respiratory system . . . . . 460–519	7,600	3.0	8,600	3.4
All other diagnoses . . . . .	20,600	8.0	33,200	12.9

NOTE: Numbers may not add to totals because of rounding.

**Table 57. Number of hospice discharges by primary diagnosis at admission, age, sex, and race: United States, 1992–93**

Primary diagnosis and ICD–9–CM code	Total <sup>1</sup>	Age				Sex		Race			
		Under 65 years	65–74 years	75–84 years	85 years and over	Male	Female	White	Black and other		Unknown
									Total <sup>2</sup>	Black	
All diagnoses . . . . .	257,200	73,400	89,900	60,400	32,600	125,100	132,100	203,800	30,100	23,400	23,200
Infectious and parasitic diseases . . . . . 001–139	8,700	8,500	*	*	*	7,300	*	*	*	*	*
Neoplasms . . . . . 140–239	202,500	57,900	79,400	42,700	21,900	98,700	103,700	163,400	25,000	20,900	14,100
Malignant neoplasms . . . . . 140–208,230–234	200,800	57,400	79,000	42,200	21,800	97,800	103,100	161,900	24,900	20,900	14,000
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	29,200	9,700	7,900	8,100	*	11,600	17,600	23,800	*	*	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	48,400	11,800	19,300	13,700	*	30,500	18,000	41,800	*	*	*
Malignant neoplasm of female genital organs . . . . . 179–184,198.6	9,200	*	*	*	*	–	9,200	6,900	*	*	–
Malignant neoplasm of prostate . . . . . 185	14,600	*	*	*	*	14,500	*	12,600	*	*	*
Other malignant neoplasm . . . . . 140–149, 150–152,155–161,163–165, 176,186–187,190–196,197.1	85,600	25,600	35,700	13,300	10,600	41,000	44,500	64,200	14,300	11,900	7,100
Diseases of the circulatory system . . . . . 390–459	17,900	*	*	7,400	6,200	7,400	10,400	14,500	*	*	*
Heart disease . . . . . 391–392.0,393–398,402, 404,410–416,420–429	12,800	*	*	*	5,500	5,700	7,100	10,000	*	*	*
Congestive heart failure . . . . . 428.0	6,200	*	*	*	*	*	*	*	*	*	*
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	6,600	*	*	*	*	*	*	5,600	*	*	*
All other diagnoses . . . . .	28,200	5,700	7,800	10,200	*	11,600	16,500	23,200	*	*	*

<sup>1</sup>Includes a small number of discharges with unknown ages.

<sup>2</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 58. Percent distribution of hospice discharges by age, sex, and race, according to primary diagnosis at admission: United States, 1992–93**

Primary diagnosis and ICD–9–CM code	Total	Age				Sex		Race			
		Under 65 years	65–74 years	75–84 years	85 years and over	Male	Female	White	Black and other		
									Total <sup>1</sup>	Black	Unknown
All diagnoses . . . . .	100.0	28.5	35.0	23.5	12.7	48.6	51.4	79.3	11.7	9.1	9.0
Infectious and parasitic diseases . . . . . 001–139	100.0	97.9	*	*	*	84.1	*	*	*	*	*
Neoplasms . . . . . 140–239	100.0	28.6	39.2	21.1	10.8	48.8	51.2	80.7	12.3	10.3	7.0
Malignant neoplasms . . . . . 140–208,230–234	100.0	28.6	39.3	21.0	10.8	48.7	51.3	80.6	12.4	10.4	7.0
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	100.0	33.2	26.9	27.8	*	39.6	60.4	81.6	*	*	*
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	100.0	24.4	40.0	28.2	*	62.9	37.1	86.3	*	*	*
Malignant neoplasm of female genital organs . . . . . 179–184,198.6	100.0	*	*	*	*	–	100.0	74.9	*	*	–
Malignant neoplasm of prostate . . . . . 185	100.0	*	*	*	*	99.8	*	86.8	*	*	*
Other malignant neoplasm . . . . . 140–149,150–152,155–161,163–165,176,186–187,190–196,197.1	100.0	29.9	41.7	15.5	12.4	48.0	52.0	75.1	16.7	13.9	8.2
Diseases of the circulatory system . . . . . 390–459	100.0	*	*	41.5	34.8	41.6	58.4	80.9	*	*	*
Heart disease . . . . . 391–392.0,393–398,402,404,410–416,420–429	100.0	*	*	*	43.0	44.2	55.8	78.2	*	*	*
Congestive heart failure . . . . . 428.0	100.0	*	*	*	*	*	*	*	*	*	*
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	100.0	*	*	*	*	*	*	85.2	*	*	*
All other diagnoses . . . . .	100.0	20.3	27.5	36.2	*	41.3	58.7	82.5	*	*	*

<sup>1</sup>Includes races other than white, black, or unknown.

NOTE: Numbers may not add to totals because of rounding.

**Table 59. Number and percent distribution of hospice discharges by discharge status and length of service, according to primary diagnosis at admission: United States, 1992–93**

Primary diagnosis and ICD–9–CM code	All discharges	Total	Discharge status		Average length of service
			Alive or unknown	Dead	
			Number	Percent distribution	
All diagnoses . . . . .	257,200	100.0	14.6	85.4	61.9
Infectious and parasitic diseases . . . . . 001–139	8,700	100.0	*	65.0	28.0
Neoplasms . . . . . 140–239	202,500	100.0	13.0	87.0	59.6
Malignant neoplasms . . . . . 140–208,230–234	200,800	100.0	13.1	86.9	59.4
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	29,200	100.0	*	88.9	59.9
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	48,400	100.0	12.7	87.3	46.2
Malignant neoplasm of female genital organs . . . . . 179–184,198.6	9,200	100.0	*	86.4	*
Malignant neoplasm of prostate . . . . . 185	14,600	100.0	*	83.4	*
Other malignant neoplasm . . . . . 140–149,150–152,155–161,163–165,176,186–187,190–196,197.1	85,600	100.0	11.1	88.9	45.9
Diseases of the circulatory system . . . . . 390–459	17,900	100.0	*	84.1	95.0
Heart disease . . . . . 391–392.0,393–398,402,404,410–416,420–429	12,800	100.0	*	89.6	*
Congestive heart failure . . . . . 428.0	6,200	100.0	*	89.9	*
Other heart disease . . . . . 391–398,415–416,420–427,428.1–429.9	6,600	100.0	*	89.3	112.8
All other diagnoses . . . . .	28,200	100.0	*	81.0	*

NOTE: Numbers may not add to totals because of rounding.

**Table 60. Number and percent distribution of hospice discharges by age, sex, and race, according to services received and type of provider during last billing period: United States, 1992–93**

Service characteristic	All discharges	Total	Age					Sex		Race			
			Under 65 years	65 years and over	65–74 years	75–84 years	85 years and over	Male	Female	Black and other			
										White	Total <sup>1</sup>	Black	Unknown
Number		Percent distribution											
Total	257,200	100.0	28.5	71.1	35.0	23.5	12.7	48.6	51.4	79.3	11.7	9.1	9.0
Services received													
All services	223,900	100.0	29.2	70.5	35.1	21.9	13.5	48.5	51.5	80.1	11.7	9.3	8.2
Personal care	150,100	100.0	24.8	74.9	38.1	22.9	13.9	46.6	53.4	80.6	9.8	8.9	9.5
Social services	162,100	100.0	25.7	73.9	35.3	24.5	14.1	52.8	47.2	81.4	10.9	8.4	7.7
Counseling	112,800	100.0	31.0	68.6	32.3	25.7	10.6	43.8	56.2	80.4	14.2	11.3	5.4
Medications	105,000	100.0	28.4	71.1	33.2	28.1	9.9	52.6	47.4	81.8	11.4	9.3	6.8
Physical therapy	6,400	100.0	*	87.9	*	*	*	*	*	91.2	*	*	*
Homemaker/companion services	36,100	100.0	*	87.0	33.4	29.7	23.9	39.4	60.6	79.7	*	*	*
Respite care (inpatient)	35,500	100.0	21.0	78.9	40.4	26.8	*	50.8	49.2	76.7	16.2	*	*
Referral services	17,000	100.0	*	85.7	33.6	*	*	50.1	49.9	79.6	*	*	*
Dietary and nutritional services	22,500	100.0	25.1	74.9	36.7	26.8	*	51.4	48.6	84.8	*	*	*
Physician services	38,100	100.0	31.1	68.9	32.4	25.7	*	42.9	57.1	82.7	*	*	*
High-tech care <sup>2</sup>	16,100	100.0	45.1	54.7	*	*	*	39.0	61.0	66.6	*	*	*
Dental treatment services <sup>3</sup>	18,000	100.0	*	73.9	*	44.4	*	*	74.2	85.8	*	*	*
All other services	172,200	100.0	27.4	72.2	33.5	24.7	14.0	48.1	51.9	80.4	12.1	9.5	7.5
Service provider													
Registered nurse	234,500	100.0	28.9	70.7	34.1	23.5	13.1	48.1	51.9	80.1	11.9	9.5	8.0
Licensed practical nurse	37,300	100.0	27.4	72.5	28.4	30.7	*	57.1	42.9	80.6	*	*	*
Nursing aide	34,100	100.0	27.7	71.1	34.1	24.1	*	49.3	50.7	81.6	*	*	*
Home health aide	131,700	100.0	24.5	75.0	36.8	23.6	14.6	47.0	53.0	82.2	6.4	5.4	11.3
Homemaker/personal caregiver	10,900	100.0	*	71.5	*	*	*	*	51.9	62.6	*	*	*
Social worker	177,700	100.0	27.9	71.7	34.7	23.3	13.7	51.3	48.7	82.1	11.7	8.9	6.2
Physical therapist	6,000	100.0	*	*	*	*	*	*	*	92.1	*	*	*
Physician	38,200	100.0	27.5	72.5	35.8	25.9	*	53.6	46.4	72.7	21.5	18.2	*
Dietician/nutritionist	11,200	100.0	*	78.2	*	*	*	49.6	50.4	75.8	*	*	*
Health educator	17,400	100.0	*	82.9	50.2	*	*	61.0	39.0	59.9	*	*	*
Volunteer	100,100	100.0	26.2	73.2	33.4	24.0	15.9	49.0	51.0	83.3	10.9	8.9	5.8
Other providers	84,600	100.0	25.8	74.0	31.3	24.8	17.9	48.2	51.8	86.8	9.1	8.3	*

<sup>1</sup>Includes races other than white, black, or unknown.

<sup>2</sup>Includes enterostomal therapy.

<sup>3</sup>Includes oral hygiene and prevention services.

NOTE: Numbers may not add to totals because of rounding.

**Table 61. Number and percent distribution of hospice discharges by primary source of payment, according to services received and type of provider during last billing period: United States, 1992–93**

Service characteristic	All discharges	Total	Primary source of payment during last billing period			
			Private insurance	Medicare	Medicaid	All other sources
			Number		Percent distribution	
Total	257,200	100.0	14.6	63.2	7.1	15.1
Services received						
All services	223,900	100.0	15.9	64.2	6.9	12.9
Personal care	150,100	100.0	14.0	71.9	5.7	8.4
Social services	162,100	100.0	12.2	67.8	7.1	12.8
Counseling	112,800	100.0	15.7	59.0	8.0	17.2
Medications	105,000	100.0	13.5	67.1	10.7	8.7
Physical therapy	6,400	100.0	*	*	*	*
Homemaker/companion services	36,100	100.0	*	78.5	*	*
Respite care (inpatient)	35,500	100.0	*	59.8	*	23.9
Referral services	17,000	100.0	*	80.0	*	*
Dietary and nutritional services	22,500	100.0	*	67.9	*	*
Physician services	38,100	100.0	16.6	62.3	*	*
High-tech care <sup>1</sup>	16,100	100.0	*	47.6	*	*
Dental treatment services <sup>2</sup>	18,000	100.0	*	64.0	*	*
All other services	172,200	100.0	13.5	63.5	7.3	15.7
Service provider						
Registered nurse	234,500	100.0	15.7	64.5	7.2	12.7
Licensed practical nurse	37,300	100.0	*	64.4	*	15.3
Nursing aide	34,100	100.0	*	65.2	*	*
Home health aide	131,700	100.0	15.2	72.1	*	8.8
Homemaker/personal caregiver	10,900	100.0	*	55.9	*	*
Social worker	177,700	100.0	13.7	65.6	8.0	12.7
Physical therapist	6,000	100.0	*	*	*	*
Physician	38,200	100.0	14.4	63.3	*	*
Dietician/nutritionist	11,200	100.0	*	72.4	*	*
Health educator	17,400	100.0	*	79.3	*	*
Volunteer	100,100	100.0	10.6	61.5	8.5	19.4
Other providers	84,600	100.0	12.7	66.6	8.4	12.3

<sup>1</sup>Includes enterostomal therapy.

<sup>2</sup>Includes oral hygiene and prevention services.

NOTE: Numbers may not add to totals because of rounding.

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# Appendix I

## Technical notes on methods

### Statistical design of the National Home and Hospice Care Survey

From September through December 1993, the Division of Health Care Statistics (DHCS), National Center for Health Statistics (NCHS), conducted the 1993 National Home and Hospice Care Survey (NHHCS). This annual survey was implemented by NCHS in 1992 in response to the rapid growth in the number of hospices and home health agencies throughout the United States (7).

#### Scope of the survey

The sampling frame for the 1992 survey, which was also used in the 1993 survey, consisted of 8,859 home health agencies and hospices that were identified in the 1991 National Health Provider Inventory (NHPI) or opened for business after the 1991 NHPI and before June 30, 1992, as identified through the Agency Reporting System (ARS) (5). The NHPI is a comprehensive census of nursing and related care homes, residential care homes, home health agencies, and hospices conducted periodically by NCHS (6). A sample of 1,500 agencies was selected for the sample. In-scope agencies for the 1992 and 1993 NHHCS were agencies providing home health or hospice services at the time of the survey. The 1993 sample had 42 fewer agencies than the 1992 sample because some agencies had merged, some were duplicates of other agencies, and others were out-of-scope for the survey. Agencies providing only durable medical equipment were not included.

#### Sample design

The sample design for the NHHCS is a stratified three stage probability design. Primary Sampling Units (PSU's) are selected at the first stage, agencies are selected at the second stage, and current patients and discharges are selected at the third stage.

The first stage consists of the 198 PSU's that were used in the 1985–94 National Health Interview Survey (NHIS), a survey of the civilian noninstitutionalized population of the United States (8). The PSU's are counties, groups of counties, county equivalents (such as parishes or independent cities), or towns and townships (for some PSU's in New England).

The second stage involves the selection of agencies within six primary strata. These strata were formed in the

1992 sampling frame on the basis of type of agency, type of PSU, and Metropolitan Statistical Area (MSA) status of the PSU. Type of agency was determined from data collected through the 1991 NHPI and the ARS. Two major categories are used: (a) hospices and (b) home health agencies and mixed agencies. (Mixed agencies provide both types of care or the type of care provided is unknown.) Type of PSU refers to those PSU's that are self representing versus those that are nonself representing. Self-representing PSU's are the largest PSU's in the United States and were selected in the NHIS sample with certainty (probability of 1). Nonself representing PSU's are those not selected with certainty (8).

Nonself representing PSU's are further subdivided into MSA and non-MSA status. MSA is a metropolitan statistical area defined by the U.S. Office of Management and Budget on the basis of the 1980 Census. Within these sampling strata, agencies were arrayed by four regions, five types of ownership, two types of certification status, and by size in terms of the number of patients currently being served by the agency. These categories are based on information from the NHPI and the ARS. The number of agencies selected from each sampling stratum was based primarily on the distribution of agencies in the universe and other research results leading to the best sample design for the 1992 NHHCS. Hospices in the nonself-representing PSU's and home health agencies and mixed agencies in the non-MSA, nonself-representing PSU's were selected with certainty. Hospices in the self-representing PSU's and home health agencies and mixed agencies in the MSA-nonself-representing PSU's and the self-representing PSU's were selected with probability proportional to the current patient size. A total sample of 1,500 agencies was selected; 384 were hospices, and the balance (1,116) were home health agencies or mixed agencies (9).

The third stage of sample selection, sampling of a maximum of six current patients and a maximum of six discharges within each agency, is done using a sample selection table to obtain systematic probability samples of current patients and of discharges. The patients and discharges are selected from lists that the interviewers construct for each agency. Current patients are those who are on the roster of the agency on the evening prior to the day of the survey. The discharges that are listed are those that occurred during the designated month randomly selected for that agency.



## Data collection and processing

### Data collection

The 1993 NHHCS used five data collection instruments (see appendix III):

- Facility Questionnaire
- Current Patient Sampling List
- Discharged Patient Sampling List
- Current Patient Questionnaire
- Discharged Patient Questionnaire

Data collection for the 1993 NHHCS began with a letter sent to 1,458 sampled agencies—considered in-scope after the 1992 survey—informing the administrator of the authorizing legislation, purpose, and content of the survey. Within a week to 10 days after the letter was mailed, the interviewer assigned to conduct the survey for a particular agency contacted each agency by telephone to discuss the survey and to arrange an appointment with the administrator or person designated by the administrator.

During the appointment, information about the agency was collected by personal interview with the administrator or designee using the Facility Questionnaire. Patient data were collected for a sample of patients currently served by the agency and for a sample of discharges occurring during a randomly selected designated month assigned to each agency prior to the start of data collection. To select the current patient and the discharge samples, the interviewer, with the cooperation of agency staff appointed by the administrator, completed the Current Patient Sampling List and the Discharged Patient Sampling List. Then, using the sample selection table, the interviewer drew a systematic sample of six current patients and six discharges. In agencies with fewer than six current patients (or discharges), all patients (discharges) were selected for the respective sample.

Current patient characteristics were collected using the Current Patient Questionnaire, while discharged patient characteristics were collected using the Discharged Patient Questionnaire. For both patient samples, data were collected by personal interview with a staff member who was familiar with the medical record of the patient and who referred to patient medical and other records. No patient was interviewed directly.

Of the 1,458 agencies in the 1993 sample, 1,390 were considered in-scope for the survey. Sixty-eight agencies were considered out of scope because they were not providing hospice or home health care services to patients at the time of the survey. Of the 1,390 in-scope agencies, 1,286 (92.5 percent) participated in the 1993 NHHCS. The remaining 104 agencies refused to participate.

### Data processing

Extensive editing was conducted by computer to ensure that all responses were accurate, consistent, logical, and complete.

The medical information recorded on the Current Patient Questionnaire and Discharged Patient Questionnaire was coded by NCHS staff. Up to 12 diagnostic codes were assigned for each sample patient (a maximum of six at

admission, and a maximum of six at time of survey and/or discharge). Diagnoses are coded according to the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM) (3).

### Presentation of estimates

*Grouping of diagnoses*—In this report, the broadest groupings of disease and injuries shown correspond to ICD-9-CM chapters 1–17 and the Supplementary Classification of Factors Influencing Health Status and Contact with Health Service. The diagnostic categories, the most detailed groupings of diseases and injuries shown, are subsets of the major groups or chapters. The title and ordering of the categories in the tabular list for the NHHCS follow the format of the ICD-9-CM tabular list as closely as possible.

*Patient characteristics not stated*—Missing data are presented in the detailed tables as “unknown.” For most data items, the percent of unknowns was zero or very low. However, for some data items, such as race and Hispanic origin, the percent of unknowns was as high as 20 percent. In some States, agencies are forbidden by law to collect data on race and ethnicity. No attempt was made to impute missing data.

*Rounded numbers*—Estimates in this report have been rounded to the nearest hundreds. Therefore, detailed numbers may not add to totals. Rates and percents were calculated using unrounded numbers and may not agree with computations made from the rounded data.

### Estimation procedures

Statistics from the NHHCS are derived by a multistage estimation procedure (10) that produces essentially unbiased national estimates and has three principal components: (a) inflation by the reciprocals of the probabilities of sample selection, (b) adjustment for nonresponse, and (c) ratio adjustment to fixed totals.

*Inflation by the reciprocals of the probabilities of sample selection*—There is one probability for each stage of sampling: (a) the probability of selecting the PSU, (b) the probability of selecting the agency, and (c) the probability of selecting the patient and/or discharge within the agency. For example, the probability of selecting a current patient within an agency is the number of patients selected divided by the total number of patients on the agency’s roster as of the night before the survey. The overall probability of selection is the product of the probabilities at each stage. The inverse of the overall selection probability is the basic inflation weight.

*Adjustment for nonresponse*—NHHCS data were adjusted for three types of nonresponse. The first type occurred when an in-scope (NHHCS eligible) sample agency did not respond. The second type occurred when an agency did not complete the sampling lists used to select the patient or discharge samples. The third type occurred when the agency did not complete the questionnaire for a sample patient or discharge. The nonresponse adjustment brings estimates based only on the responding cases up to the level that would have been achieved if all eligible cases had responded.

*Ratio adjustment to fixed totals*—Adjustments were made within each of eight groups defined by region and type of agency (hospice versus home health agency and/or mixed agency) to adjust for over- or undersampling of agencies reported in the sampling frame. This adjustment is a multiplicative factor whose numerator was the number of agencies in the sampling frame within each region-type of agency group and whose denominator was the estimated number of agencies for that same group.

## Reliability of estimates

Because the statistics presented in this report are based on a sample, they will differ somewhat from values that would have been obtained if a complete census had been taken using the same schedules, instructions, and procedures. As in any sample survey, the results are subject to both sampling and nonsampling errors. Nonsampling errors include errors due to response bias, questionnaire and item nonresponse, recording, and processing errors. To the extent possible, the latter types of errors are kept to a minimum by methods built into survey procedures. Because survey results are subject to both sampling and nonsampling errors, the total error is larger than errors due to sampling variability alone.

The standard error is primarily a measure of the variability that occurs by chance because only a sample, rather than the entire universe, is surveyed. The standard error also reflects part of the measurement error, but it does not measure

any systematic biases in the data. It is inversely proportional to the square root of the number of observations in the sample. Thus, as the sample size increases, the standard error generally decreases.

The chances are about 68 in 100 that an estimate from the sample differs by less than the standard error from the value that would be obtained from a complete census. The chances are about 95 in 100 that the difference is less than twice the standard error and about 99 in 100 that it is less than 2 1/2 times as large.

The standard errors used in this report were approximated using SUDAAN software. SUDAAN computes standard errors by using a first-order Taylor approximation of the deviation of estimates from their expected values. A description of the software and the approach it uses has been published (11).

To derive error estimates that would be applicable to a wide variety of statistics and could be prepared at moderate cost, several approximations were required.

Rather than calculate standard errors for particular estimates  $S_x$ , the calculated variances for a wide variety of estimates presented in this report were fitted into curves using the empirically determined relationship between the size of an estimate  $X$  and its relative variance (rel var  $X$ ). This relationship is expressed as:

$$\text{rel var } X = \frac{S_x^2}{X^2} = a + \frac{b}{X}$$

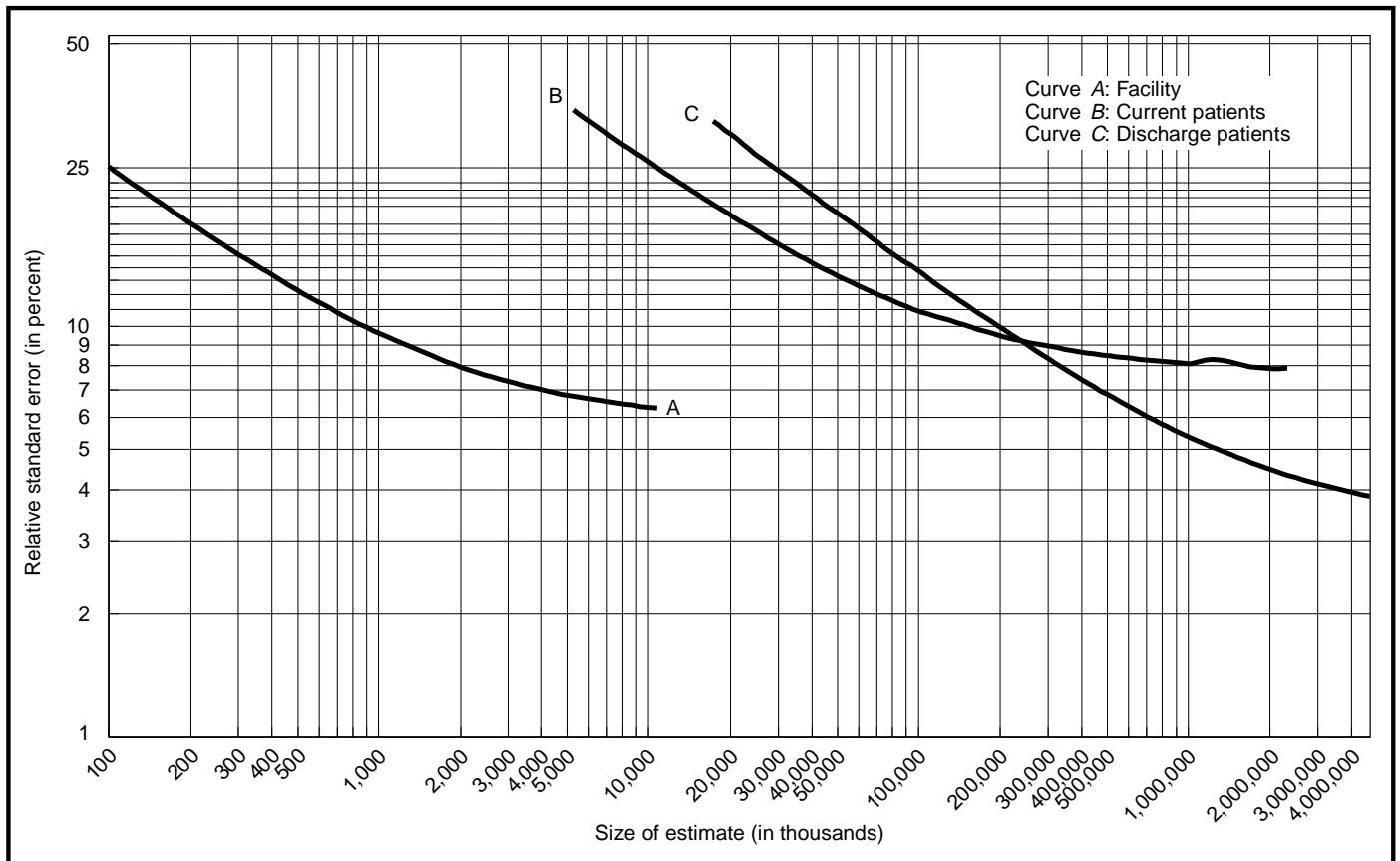


Figure 1. Relative standard errors for estimated number of agencies, current patients, and discharges for home health agencies: United States, 1993

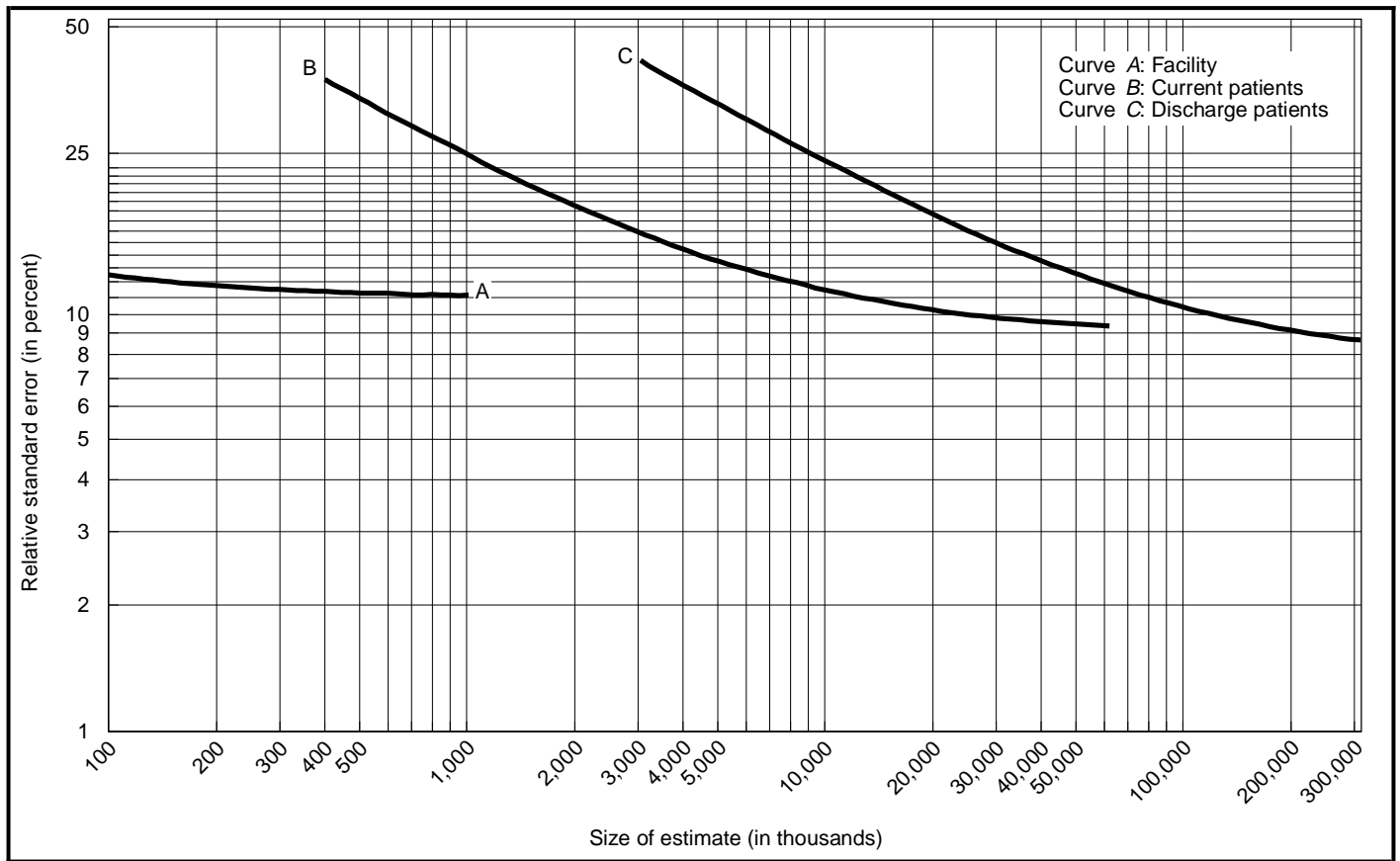


Figure II. Relative standard errors for estimated number of agencies, current patients, and discharges for hospices: United States, 1993

where  $a$  and  $b$  are regression estimates determined by an iterative procedure.

The relative standard error is then derived by determining the square root of the relative variance curve. The relative standard error estimates for estimated number of agencies, current patients, and discharges for home health agencies are shown in figure I. Figure II shows the relative standard errors for estimated number of agencies, current patients, and discharges for hospices.

The relative standard error (RSE( $X$ )) of an estimate  $X$  may be read directly from the curves in figures I and II or, alternatively, may be calculated by the formula:

$$RSE(X) = \sqrt{A + \frac{B}{X}} \cdot 100$$

where the appropriate constants  $A$  and  $B$  for the estimate  $X$  are defined in table I.

In this report, estimates that have a relative standard error of 30 percent or more are considered unreliable and are marked with an asterisk. Because of the relationship between the relative standard error and the estimate, the standard error of an estimate can be obtained by multiplying the estimate by its relative standard error.

To approximate the relative standard error (RSE( $p$ )) and the standard error (SE( $p$ )) of a percent  $p$ , the appropriate

values of parameter  $B$  from table I are used in the following equations:

$$RSE(p) = \sqrt{\frac{(B \cdot (100 - p))}{p \cdot Y}}$$

$$SE(p) = p \cdot RSE(p)$$

where  $x$  = the numerator of the estimated percent,  $y$  = the denominator, and  $p = 100 \cdot X/Y$ .

Table I. Parameters used to compute relative standard errors by type of estimate

Type of estimate	Parameters	
	A	B
Home health agencies		
Agency	0.003388	5.54
Current patient	0.005907	523.39
Discharge	0.001098	1545.03
Hospice		
Agency	0.01182	0.33
Current patient	0.007812	49.02
Discharge	0.005882	460.39

**Table II. Standard errors for average length of service of current patients and discharges from home health and hospice care, by to selected agency characteristics: United States, 1993**

Agency characteristic	Standard error for length of service			
	Home health care		Hospice care	
	Current patients	Discharges	Current patients	Discharges
Total	17.6	4.4	8.9	5.5
Ownership				
Proprietary	22.7	7.2	16.3	5.0
Voluntary nonprofit	20.6	5.0	9.8	5.9
Government	63.7	21.8	28.2	5.8
Certification				
Certified by Medicare as—				
Home health agency	13.4	4.2	11.3	6.5
Hospice	22.2	9.3	9.1	5.7
Certified by Medicaid as—				
Home health agency	17.6	4.5	11.5	6.4
Hospice	26.3	6.6	9.5	6.2
Affiliation				
Chain	21.1	5.7	16.3	6.9
Operated by a hospital	16.5	4.8	21.8	5.1
Geographic region				
Northeast	22.6	8.4	12.7	9.2
Midwest	37.1	8.6	16.5	7.6
South	34.5	10.0	16.2	11.4
West	42.6	4.9	11.4	5.6
Location				
MSA <sup>1</sup>	18.3	4.7	10.0	4.4
Not MSA <sup>1</sup>	41.0	11.5	20.8	19.3

<sup>1</sup>MSA is metropolitan statistical area.

The standard error of a percent is valid only when one of the following conditions is satisfied: the relative standard error of the denominator is 5 percent or less (12) or the relative standard errors of the numerator and the denominators are both 10 percent or less (13).

The standard errors for the average length of service since admission are presented in tables II–VIII. The standard errors are presented by selected characteristics of the agency, current patients, and discharges, and by primary diagnosis at admission for discharges.

**Table III. Standard errors for average length of service of current home health care patients, by to selected patient characteristics: United States, 1993**

Patient characteristic	Standard error for length of service
Total	17.6
Age	
Under 18 years	63.5
18–44 years	44.1
45–64 years	58.2
65–74 years	28.3
75–84 years	20.6
85 years and over	14.8
Sex	
Male	23.2
Female	19.4
Race	
White	22.0
Black and other <sup>1</sup>	35.1
Black	33.3
Unknown	21.9
Hispanic origin	
Hispanic	41.2
Non-Hispanic	23.6
Marital status at admission	
Married	15.7
Widowed	23.9
Divorced or separated	81.9
Never married/single	42.9
Unknown	37.1
Current residence	
Private or semiprivate residence	17.0
Board and care or residential care facility	145.9
Other health facility (including mental health facility)	193.7
Other or unknown	42.9
Current living arrangements	
Alone	31.2
With family members	14.2
Only with nonfamily members	92.0
Unknown	84.7
Primary caregiver	
No primary caregiver	30.6
Has primary caregiver	17.8
Other or unknown	77.5
Referral source	
Self or family	15.2
Nursing home	65.1
Hospital	11.8
Physician	17.3
Health department	145.6
Social service agency	62.6
Home health agency	88.6
Hospice	97.9
Religious organization	45.1
Other	58.3

<sup>1</sup>Includes races other than white, black, or unknown.

**Table IV. Standard errors for average length of service of home health care discharges, by to selected patient characteristics: United States, 1992–93**

<i>Patient characteristic</i>	<i>Standard error for length of service</i>	<i>Patient characteristic</i>	<i>Standard error for length of service</i>
All discharges . . . . .	4.4	Living arrangement at discharge	
Age		Alone . . . . .	9.2
Under 65 years . . . . .	7.2	With family members . . . . .	4.7
Under 18 years . . . . .	14.7	With nonfamily members . . . . .	8.3
18–44 years . . . . .	14.5	Other or unknown . . . . .	35.8
45–64 years . . . . .	9.3	Referral source	
65 years and over . . . . .	5.1	Self or family . . . . .	39.4
65–69 years . . . . .	9.9	Nursing home . . . . .	10.8
70–74 years . . . . .	6.4	Hospital . . . . .	4.4
75–79 years . . . . .	10.8	Physician . . . . .	4.8
80–84 years . . . . .	10.6	Health department . . . . .	49.9
85 years and over . . . . .	10.4	Social service agency . . . . .	30.0
Sex		Home health agency . . . . .	34.7
Male . . . . .	5.3	Hospice . . . . .	6.3
Female . . . . .	5.8	Religious organization . . . . .	714.5
Race		Other . . . . .	14.6
White . . . . .	5.3	Primary caregiver	
Black and other <sup>1</sup> . . . . .	17.5	No primary caregiver or unknown . . . . .	9.9
Black . . . . .	19.4	Has primary caregiver . . . . .	4.6
Unknown . . . . .	7.1	Spouse . . . . .	5.3
Hispanic origin		Parent . . . . .	13.8
Hispanic . . . . .	22.4	Child . . . . .	8.0
Non-Hispanic . . . . .	5.8	Daughter- or son-in-law . . . . .	14.5
Unknown . . . . .	6.6	Other relative . . . . .	23.6
Marital status at admission		Friend . . . . .	6.8
Married . . . . .	4.8	Other or unknown . . . . .	9.1
Widowed . . . . .	8.3	Primary source of payment during last billing period	
Divorced or separated . . . . .	28.8	Private insurance . . . . .	6.5
Single or never married . . . . .	8.2	Own income or family support . . . . .	22.2
Unknown . . . . .	12.5	Medicare . . . . .	5.0
Residence at discharge		Medicaid . . . . .	21.8
Private or semiprivate residence . . . . .	4.4	Other government assistance or welfare . . . . .	32.7
Board and care or residential care facility . . . . .	41.7	All other sources . . . . .	18.0
Health facility (including mental health facility) . . . . .	13.7		
Other or unknown . . . . .	36.2		

<sup>1</sup>Includes races other than white, black, or unknown.

**Table V. Standard errors for average length of service of current hospice patients, by to selected patient characteristics: United States, 1993**

<i>Patient characteristic</i>	<i>Standard error for length of service</i>
Total . . . . .	8.9
<i>Age</i>	
Under 65 years . . . . .	16.2
65 years and over . . . . .	
65–74 years . . . . .	13.4
75 years and over . . . . .	13.3
<i>Sex</i>	
Male . . . . .	12.3
Female . . . . .	11.8
<i>Race</i>	
White . . . . .	10.3
Black and other <sup>1</sup> . . . . .	24.0
Black . . . . .	27.4
Unknown . . . . .	14.9
<i>Hispanic origin</i>	
Hispanic . . . . .	33.8
Non-Hispanic . . . . .	11.4
<i>Marital status at admission</i>	
Married . . . . .	13.1
Widowed . . . . .	15.1
Divorced or separated . . . . .	23.2
Never married/single . . . . .	21.2
Unknown . . . . .	16.4
<i>Current residence</i>	
Private or semiprivate residence . . . . .	8.4
Board and care or residential care facility . . . . .	51.1
Other health facility (including mental health facility) . . . . .	33.1
Other/unknown . . . . .	77.2
<i>Current living arrangements</i>	
Alone . . . . .	21.7
With family members . . . . .	10.3
Only with nonfamily members . . . . .	34.4
<i>Primary caregiver</i>	
No primary caregiver or unknown . . . . .	22.3
Has primary caregiver . . . . .	9.5
<i>Referral source</i>	
Self or family . . . . .	17.2
Nursing home . . . . .	60.5
Hospital . . . . .	13.0
Physician . . . . .	11.5
Health department . . . . .	42.4
Social service agency . . . . .	28.7
Home health agency . . . . .	49.6
Hospice . . . . .	67.7
Religious organization . . . . .	30.9
Other . . . . .	41.8

<sup>1</sup>Includes races other than white, black, or unknown.

**Table VI. Standard errors for average length of service of hospice discharges, by to selected patient characteristics: United States, 1992–93**

<i>Patient characteristic</i>	<i>Standard error for length of service</i>
Total . . . . .	5.5
<i>Age</i>	
Under 65 years . . . . .	6.3
65 years and over . . . . .	7.0
65–74 years . . . . .	6.9
75–84 years . . . . .	8.4
85 years and over . . . . .	26.4
<i>Sex</i>	
Male . . . . .	10.2
Female . . . . .	5.7
<i>Race</i>	
White . . . . .	6.4
Black and other <sup>1</sup> . . . . .	8.9
Black . . . . .	11.0
Unknown . . . . .	15.1
<i>Marital status at admission</i>	
Married . . . . .	8.2
Widowed . . . . .	6.4
Divorced or separated . . . . .	8.6
Never married/single . . . . .	9.9
Unknown . . . . .	44.7
<i>Residence at discharge</i>	
Private or semiprivate residence . . . . .	6.2
Health facility (including mental health facility) . . . . .	9.7
Other or unknown . . . . .	18.2
<i>Living arrangement at discharge</i>	
Alone . . . . .	10.8
With family members . . . . .	6.9
Other or unknown . . . . .	9.3
Nonfamily . . . . .	6.6
<i>Referral source</i>	
Self . . . . .	9.3
Nursing home . . . . .	20.5
Hospital . . . . .	8.4
Physician . . . . .	9.6
Health department . . . . .	18.3
Social service . . . . .	25.5
Home health agency . . . . .	12.3
Hospice . . . . .	4.2
Religious organization . . . . .	---
Other . . . . .	33.8
<i>Primary caregiver</i>	
No primary caregiver or unknown . . . . .	20.1
Has primary caregiver . . . . .	5.6
Spouse . . . . .	9.3
Parent . . . . .	26.0
Child . . . . .	7.6
Daughter- or son-in-law . . . . .	15.6
Other relative . . . . .	5.1
Other or unknown . . . . .	13.1
Friend . . . . .	28.9
<i>Primary source of payment</i>	
Private insurance . . . . .	4.8
Own income or family support . . . . .	5.3
Medicare . . . . .	7.8
Medicaid . . . . .	20.9
Other government agencies/welfare . . . . .	8.2
All other sources . . . . .	18.1

<sup>1</sup>Includes races other than white, black, or unknown.

**Table VII. Standard errors for average length of service of home health care discharges, by to primary diagnosis at admission: United States, 1992–93**

<i>Primary diagnosis and ICD–9–CM code</i>	<i>Standard error for length of service</i>
All diagnoses . . . . .	4.4
Infectious and parasitic diseases . . . . . 001–139	16.1
Neoplasms . . . . . 140–239	5.5
Malignant neoplasms . . . . . 140–208,230–234	5.6
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	10.0
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	9.1
Malignant neoplasm of breast . . . . . 174–175,198.81	28.0
Malignant neoplasm of female genital organs . . . . . 179–184,198.6	14.4
Malignant neoplasm of prostate . . . . . 185	15.3
Malignant neoplasm of urinary organs . . . . . 188–189,198.0–198.1	12.9
Other malignant neoplasm . . . . . 140–149,150–152,155–161,163–165,170–173,176,186–187,188.2,190–196,197.1,198.5,204–208	8.1
Endocrine, nutritional and metabolic diseases, and immunity disorders . . . . . 240–279	25.5
Diabetes mellitus . . . . . 250	30.9
Diseases of the blood and blood-forming organs . . . . . 280–289	88.9
Anemias . . . . . 280–285	193.1
Mental disorders . . . . . 290–319	25.7
Diseases of the nervous system and sense organs . . . . . 320–389	31.1
Parkinson's disease . . . . . 332	37.7
Multiple sclerosis . . . . . 340	54.0
Paralytic syndromes . . . . . 342–344	94.3
Other diseases of the nervous system and sense organs . . . . . 320–330,331.0–331.9,333–337,341,345–389.0	46.2
Diseases of the circulatory system . . . . . 390–459	7.5
Essential hypertension . . . . . 401	21.2
Heart disease . . . . . 391–392.0,393–398,402–404,410–416,420–429	11.1
Ischemic heart disease . . . . . 410–414	9.9
Congestive heart failure . . . . . 428.0	13.7
Other heart disease . . . . . 391–398,415–416,420–426,428.1–429.9	43.2
Cerebrovascular disease . . . . . 430–438	10.3
Diseases of the respiratory system . . . . . 460–519	13.2
Pneumonia, all forms . . . . . 480–486	10.9
Bronchitis, chronic and unspecified . . . . . 490–491	19.7
Asthma . . . . . 493	13.7
Other chronic obstructive pulmonary disease and allied condition . . . . . 460,479,487,492,497–519	12.0
Diseases of the digestive system . . . . . 520–579	10.7
Diseases of the genitourinary system . . . . . 580–629	18.2
Urinary tract infection . . . . . 580–583,590,595,597,599.0	14.8
Diseases of the skin and subcutaneous tissue . . . . . 680–709	20.4
Decubitus ulcers . . . . . 707.0	52.5
Other chronic ulcer of the skin . . . . . 707.1–707.9	29.4
Diseases of the musculoskeletal system and connective tissue . . . . . 710–739	6.9
Osteoarthritis and allied disorders, except spine . . . . . 715	8.3
Other arthropathies and related disorders . . . . . 710–714,716–719	20.0
Osteoporosis . . . . . 733.0	48.3
Congenital anomalies . . . . . 740–759	29.4
Certain conditions originating in the perinatal period . . . . . 760–779	10.5
Symptoms, signs, and ill-defined conditions . . . . . 780–799	9.0
Injury and poisoning . . . . . 800–999	7.1
Fracture of neck of femur . . . . . 820	13.1
Other fractures . . . . . 800–819,821–829	6.6
Supplementary classifications . . . . . V01–V82	24.6
Supervision of pregnancy, or postpartum maternal or infant care . . . . . V20.1–V20.2,V22–V24 <sup>1</sup>	11.6
Posthospital aftercare . . . . . V42–V46,V52,V53.3–V53.7,V54–V58	69.2

<sup>1</sup>Includes complications of pregnancy, childbirth, and the puerperium (ICD–9–CM 630–676)

**Table VIII. Standard errors for average length of service of hospice discharges by primary diagnosis at admission: United States, 1992–93**

<i>Primary diagnosis and ICD-9-CM</i>	<i>Standard error for length of service</i>
All diagnoses . . . . .	5.5
Infectious and parasitic diseases . . . . . 001–139	8.0
Neoplasms . . . . . 140–239	6.2
Malignant neoplasms . . . . . 140–208,230–234	6.3
Malignant neoplasm of large intestine and rectum . . . . . 153–154,197.5	5.6
Malignant neoplasm of trachea, bronchus, and lung . . . . . 162,197.0,197.3	4.8
Malignant neoplasm of female genital organs . . . . . 179–184,198.6	13.8
Malignant neoplasm of prostate . . . . . 185	44.6
Other malignant neoplasm . . . . . 140–149,150–152,155–161,163–165,176,186–187,190–196,197.1	4.0
Diseases of the circulatory system . . . . . 390–459	20.6
Heart disease . . . . . 391–392.0,393–398,402,404,410–416,420–429	19.5
Ischemic heart disease . . . . . 410–414	14.2
Congestive heart failure . . . . . 428.0	17.2
Other heart disease . . . . . 391–398,415–416,420–426,428.1–429.9	47.4
All other diagnoses . . . . .	14.2



# Appendix II

## Definitions of certain terms used in this report

### Terms relating to agencies

*Hospice and Home Health Agency*—are defined by the type of care provided. They may be free-standing health facilities or units of larger organizations, such as a hospital or nursing home.

*Home health care*—is provided to individuals and families in their places of residence to promote, maintain, or restore health or maximize the level of independence while minimizing the effects of disability and illness, including terminal illness.

*Hospice care*—is a program of palliative and supportive care services providing physical, psychological, social, and spiritual care for dying persons, their families, and other loved ones. Hospice services are available both in the home and in inpatient settings. Home hospice care is provided on part-time, intermittent, regularly scheduled, and around-the-clock basis. Bereavement services and other types of counseling are available to the family and other loved ones.

*Certification*—refers to agency certification by Medicare and/or Medicaid. Both programs can certify home health agencies and hospices as meeting agency criteria for participation.

*Medicare*—is the medical assistance provided in title XVIII of the Social Security Act. Medicare is a health insurance program administered by the Social Security Administration for persons 65 years and over and for disabled persons who are eligible for benefits.

*Medicaid*—is the medical assistance provided in title XIX of the Social Security Act. Medicaid is a Federal/State administered program for the medically indigent.

*Geographic region*—Agencies are classified by location in one of the four geographic regions of the United States that correspond to those used by the U.S. Bureau of the Census.

<i>Region</i>	<i>States included</i>
Northeast	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania
Midwest	Michigan, Ohio, Illinois, Indiana, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas

South  
Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas

West  
Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Hawaii, Alaska

*Location*—of the home health agency or hospice providing services is classified as inside a metropolitan statistical area (MSA) or outside an MSA.

*Metropolitan Statistical Area*—The definition and titles of MSA's are established by the U.S. Office of Management and Budget with advice from the Federal Committee on Metropolitan Statistical Areas. Generally, an MSA consists of a county or group of counties containing at least one city (or twin cities) having a population of 50,000 or more plus adjacent counties that are metropolitan in character and are economically and socially integrated with the central city. In New England, towns and cities rather than counties are the units used in defining MSA's. There is neither a limit to the number of adjacent counties included in the MSA as long as they are integrated with the central city, nor a limit to a single State; boundaries may cross State lines. The metropolitan population in this report is based on MSA's as defined in the 1980 census and does not include any subsequent additions or changes.

*Not in MSA*—includes all other places in the country.

*Ownership*—is the type of organization that controls and operates the home health agency or hospice.

*For profit*—is operated under private commercial ownership, including individual or private ownership, partnerships, or corporations.

*Voluntary nonprofit*—is operated under voluntary or nonprofit auspices, including church-related and nonprofit corporations.

*Government*—is operated under Federal, State, or local government auspices.

### Terms relating to patients and discharges

*Current patient*—is a patient on the agency's roster as of the night before the survey.

*Discharge*—is a patient formally discharged from care by the home health agency or hospice during a designated month randomly selected for each agency prior to data collection. Both live and dead discharges are included. A patient can be counted more than once if the patient was discharged more than once during the reference period.

*Length of service since admission*—is the period of time from the date of the most recent admission to the date of the survey interview (for current patients) or to the date of discharge (for discharges).

## Demographic items

*Age*—is the patient's age at the time of admission, calculated as the difference in years between the date of birth and date of admission.

*Race*—is the patient's racial background as reported by agency staff.

*Hispanic origin*—refers to a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race, as reported by agency staff.

*Marital status*—is the patient's marital status at the time of the survey (for current patients) or at the time of discharge (for discharges).

## Health status

*Activities of daily living*—refers to five activities (bathing, dressing, transferring, using the toilet room, and eating) that reflect the patient's capacity for self-care. The patient's need for assistance with these activities refers to personal help received from agency staff at the time of the survey (for current patients) or at the time of discharge or immediately prior to discharge (for discharges).

*Instrumental activities of daily living*—refers to six daily tasks (light housework, preparing meals, taking medications, shopping for groceries or clothes, using the telephone, and managing money) that enable the patient to live independently in the community. The patient's need for assistance with these activities refers to personal help received from agency staff at the time of the survey.

## Payment sources

*Primary source of payment during last billing period*—is the payment source that paid the greatest amount of the patient's charge during the last billing period (for current patients) or the last billing period that included the date of discharge (for discharges).

*Private insurance*—includes private health insurance and excludes unemployment insurance.

*Own income or family support*—includes retirement funds, family income, and Social Security.

*Supplemental Security Income*—includes money from Social Security's Supplemental Security Income.

*Medicare*—is money received under the Medicare program for home health or hospice care.

*Medicaid*—is money received under the Medicaid program for community-based care.

*Other government assistance or welfare*—includes sources of government aid (Federal, State, or local) other than Medicare or Medicaid. Includes funds available under the Older Americans Act (Title III) and Social Service Block Grants (Title XX).

*All other sources*—includes religious organizations, foundations, volunteer agencies, Department of Veterans Affairs pensions or compensation, miscellaneous sources, no-charge arrangements, and unknown arrangements.

# Appendix III

## Survey instruments used in the 1993 National Home and Hospice Care Survey

OMB No. 0920-0298; Approval Expires 06/30/95

FORM <b>HHCS-1</b> <small>(4-27-93)</small>	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS ACTING AS COLLECTING AGENT FOR THE DEPARTMENT OF HEALTH AND HUMAN SERVICES U.S. PUBLIC HEALTH SERVICE CENTERS FOR DISEASE CONTROL AND PREVENTION NATIONAL CENTER FOR HEALTH STATISTICS	<b>NOTICE</b> – Public reporting burden for this collection of information is estimated to average 20 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to PHS Reports Clearance Officer, ATTN: PRA; Hubert H. Humphrey Bldg., Rm. 721-B; 200 Independence Ave., SW; Washington, DC 20201, and to the Office of Management and Budget; Paperwork Reduction Project (0920-0298); Washington, DC 20503. Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or establishment in accordance with Section 308(d) of the Public Health Service Act (42 USC 242m).		
<b>FACILITY QUESTIONNAIRE</b>  <b>NATIONAL HOME AND HOSPICE CARE SURVEY</b>				
<b>Section A - FACILITY INFORMATION</b>		Notes		
1a. Facility telephone number _____				
b. Alternate telephone number _____				
c. Alternate telephone number _____				
2a. Administrator name _____				
b. Respondent name _____				
<b>Section B - RECORD OF CALLS</b>				
Day (a)	Date (b)		Time (c)	Notes (d)
			a.m.	
			p.m.	
		a.m.		
		p.m.		
		a.m.		
		p.m.		
		a.m.		
		p.m.		
		a.m.		
		p.m.		
		a.m.		
		p.m.		
		a.m.		
		p.m.		
		a.m.		
		p.m.		
<b>Section C - RECORD OF INTERVIEW</b>				
1. STATUS OF INTERVIEW – Mark (X) appropriate box.				
01 <input type="checkbox"/> Complete interview				
02 <input type="checkbox"/> Partial interview				
03 <input type="checkbox"/> Refusal				
04 <input type="checkbox"/> Unable to locate				
05 <input type="checkbox"/> Not a Hospice/Home Health Agency				
06 <input type="checkbox"/> Temporarily closed				
07 <input type="checkbox"/> Not yet in operation				
08 <input type="checkbox"/> No longer operating				
09 <input type="checkbox"/> Merged with (Control No.) _____				
10 <input type="checkbox"/> Duplicate (Control No. of duplicate) _____				
11 <input type="checkbox"/> Other noninterview – Specify _____				
2. Date of interview				
Month	Day	Year		
3. Field Representative name _____				
FR Code _____				

**Section D – ARRANGING THE ADMINISTRATOR APPOINTMENT**

<p><b>1. INTRODUCTION</b></p> <p><b>Good morning (afternoon). My name is . . . I'm from the Bureau of the Census. We are currently conducting the National Home and Hospice Care Survey for the National Center for Health Statistics which is part of the Centers for Disease Control and Prevention. We are studying home health agencies, hospices and their patients. You should have received a letter from Dr. Manning Feinleib, the Director of the National Center for Health Statistics, which describes this project. Have you received this letter?</b></p> <p><input type="checkbox"/> Yes – Skip to Item 3, NAME VERIFICATION.  <input type="checkbox"/> No – Continue with Item 2, SURVEY EXPLANATION.</p>	<p><b>3. NAME VERIFICATION</b></p> <p><b>I would like to verify some information from my records. Is (Name of facility on label) the correct name of your facility?</b></p> <p><input type="checkbox"/> Yes – Go to Item 4, ADDRESS VERIFICATION  <input type="checkbox"/> No – Enter correct facility name below. <i>z</i></p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>																
<p><b>2. SURVEY EXPLANATION</b></p> <p><i>If administrator wants a copy of the letter, explain that you will bring a copy when you visit the facility.</i></p> <p><b>I'm sorry that you did not receive the letter. Let me briefly outline its contents.</b></p> <p><b>The National Home and Hospice Care Survey is authorized under Section 306 of the Public Health Service Act to collect information about home and hospice care facilities, their services, and patients. The statistics compiled from the data are used to support research for effective treatment of long-term health problems and to study utilization of hospice and home care facilities and the efficient use of the Nation's health care resources. In addition, the survey is endorsed by the National Association for Home Care and the National Hospice Organization.</b></p> <p><b>We have made several changes to the survey to reduce the amount of time required to participate. Last year, participants were asked to list all current patients and all patients discharged over the last 12 months. This year we are asking participants for a list of current patients and a list of discharges during a designated one-month period. In addition, we have dropped the item which requested information on the number of employees, hours worked and number of visits for the different occupations. We hope these changes greatly reduce the amount of time needed for data collection.</b></p> <p><b>All information which would permit identification of the individual patient or facility will be held in strict confidence, will be used ONLY by persons involved in the survey and only for the purposes of the survey, and will not be disclosed or released to others for any purpose.</b></p> <p><b>The survey includes a small sample of hospices and home health agencies. Although your participation is voluntary and there are no penalties for refusing to answer any questions, it is essential that we obtain data from all sample facilities.</b></p> <p><i>Continue with Item 3, NAME VERIFICATION.</i></p>	<p><b>4. ADDRESS VERIFICATION</b></p> <p><b>Is (Address of facility on label) the correct address?</b></p> <p><input type="checkbox"/> Yes – Go to Item 5 – SET APPOINTMENT  <input type="checkbox"/> No – Enter correct facility address below. <i>z</i></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Number</td> <td style="width:50%;">Street</td> <td style="width:25%;">P.O. Box, Route, etc.</td> </tr> <tr> <td colspan="3">City or town</td> </tr> <tr> <td>State</td> <td colspan="2">ZIP code</td> </tr> </table>	Number	Street	P.O. Box, Route, etc.	City or town			State	ZIP code								
Number	Street	P.O. Box, Route, etc.															
City or town																	
State	ZIP code																
<p><b>5. SET APPOINTMENT</b></p> <p><b>I would like to arrange a morning appointment at your convenience to conduct the survey. What would be a convenient date and time to visit your facility?</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Day</td> <td style="width:25%;">Date</td> <td style="width:25%;">Time</td> <td style="width:25%;">a.m. p.m.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Day</td> <td style="width:25%;">Date</td> <td style="width:25%;">Time</td> <td style="width:25%;">a.m. p.m.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	Day	Date	Time	a.m. p.m.					Day	Date	Time	a.m. p.m.					<p><b>6. Could you give me directions to your facility from some easy to identify starting point? (Record directions in number 7 below.)</b></p> <p><b>Thank you very much for your time. I will see you at (Time) on (Date). Good-bye.</b></p>
Day	Date	Time	a.m. p.m.														
Day	Date	Time	a.m. p.m.														
<p><b>7. DIRECTIONS TO FACILITY</b></p>																	

**Section E – QUESTIONS ABOUT THE FACILITY**

<p><b>Before I begin the interview, I'd like to take a moment to explain the purpose of the survey. I believe you (received/did not receive) the letter from the National Center for Health Statistics.</b></p> <p><i>If administrator did not receive the letter, hand him/her a copy. Allow him/her to briefly read it through.</i></p> <p><b>As it says in the letter, the purpose of this survey is to collect information about hospices and home health agencies such as yours. The information you provide is strictly confidential and will be used only by persons involved in the survey and only for the purposes of the survey.</b></p>	
<p><b>1a. Does this facility provide home health care services?</b></p>	<p>01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No</p>
<p><b>b. Does this facility provide hospice care services?</b></p>	<p>01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No</p>
<p>Notes</p>	

**Section E - QUESTIONS ABOUT THE FACILITY - Continued**

<i>HAND FLASHCARD 1</i>	
<p><b>2a. What is the type of ownership of this facility as shown on this card?</b></p> <p><i>Mark (X) only ONE box.</i></p>	<p>01 <input type="checkbox"/> PROPRIETARY - Includes individual or private, partnership, corporation</p> <p>02 <input type="checkbox"/> NONPROFIT - Includes church-related, nonprofit corporation, other nonprofit ownership</p> <p>03 <input type="checkbox"/> STATE OR LOCAL GOVERNMENT - Includes State, county, city, city-county, hospital district or authority</p> <p>04 <input type="checkbox"/> FEDERAL GOVERNMENT - Includes USPHS, Armed Forces, Veterans Administration</p> <p>05 <input type="checkbox"/> Other - <i>Specify</i> <input checked="" type="checkbox"/></p> <p>_____</p> <p>_____</p>
<p><b>b. Is this facility operated by a hospital?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p>
<p><b>c. Is this facility operated by a nursing home?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p>
<p><b>d. Is (Name of facility) a member of a group of facilities operating under one general authority or general ownership?</b></p>	<p>01 <input type="checkbox"/> Yes - <i>Continue with item 2e</i></p> <p>02 <input type="checkbox"/> No - <i>SKIP to item 3a</i></p>
<p><b>e. What is the name of the parent organization?</b></p>	<p>Parent organization</p>
<p><b>3a. Is this facility certified under Medicare as a Home Health Agency?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p> <p>03 <input type="checkbox"/> Certification pending</p>
<p><b>b. Is this facility certified under Medicare as a Hospice?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p> <p>03 <input type="checkbox"/> Certification pending</p>
<p><b>4a. Is this facility certified under Medicaid as a Home Health Agency?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p> <p>03 <input type="checkbox"/> Certification pending</p>
<p><b>b. Is this facility certified under Medicaid as a Hospice?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p> <p>03 <input type="checkbox"/> Certification pending</p>
<p><b>5a. Does this facility provide bereavement care to the families of the patients you serve?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p>
<p><b>b. Does this facility provide pastoral care?</b></p>	<p>01 <input type="checkbox"/> Yes</p> <p>02 <input type="checkbox"/> No</p>
<i>HAND FLASHCARD 2</i>	
<p><b>6. Does this facility provide any of the following services?</b></p> <p><i>Mark (X) all that apply.</i></p> <p><i>Probe: Any other services?</i></p>	<p>01 <input type="checkbox"/> Continuous home care</p> <p>02 <input type="checkbox"/> Counseling</p> <p>03 <input type="checkbox"/> Dental treatment services</p> <p>04 <input type="checkbox"/> Dietary and nutritional services</p> <p>05 <input type="checkbox"/> Durable medical equipment and medical supplies</p> <p>06 <input type="checkbox"/> Enterostomal therapy</p> <p>07 <input type="checkbox"/> High tech care (e.g., IV therapy)</p> <p>08 <input type="checkbox"/> Homemaker/Companion services</p> <p>09 <input type="checkbox"/> Meals on wheels</p> <p>10 <input type="checkbox"/> Medications</p> <p>11 <input type="checkbox"/> Occupational therapy/Vocational therapy</p> <p>12 <input type="checkbox"/> Oral hygiene/Prevention services</p> <p>13 <input type="checkbox"/> Personal care</p> <p>14 <input type="checkbox"/> Physical therapy</p> <p>15 <input type="checkbox"/> Physician services</p> <p>16 <input type="checkbox"/> Referral services</p> <p>17 <input type="checkbox"/> Respite care (inpatient)</p> <p>18 <input type="checkbox"/> Skilled nursing services</p> <p>19 <input type="checkbox"/> Social Services</p> <p>20 <input type="checkbox"/> Speech therapy/Audiology</p> <p>21 <input type="checkbox"/> Spiritual care</p> <p>22 <input type="checkbox"/> Transportation</p> <p>23 <input type="checkbox"/> Volunteers</p> <p>24 <input type="checkbox"/> Other services - <i>Specify</i> <input checked="" type="checkbox"/></p> <p>_____</p> <p>_____</p> <p>00 <input type="checkbox"/> None</p>

**Section E – QUESTIONS ABOUT THE FACILITY – Continued**

**CHECK  
ITEM A**

*Refer to items 1a, 1b, and 6*

- 01  If either 1a or 1b is marked "Yes," or 6 has a service marked, – GO to item 7a  
 02  If 1a and 1b are both marked "No," and 6 is marked "None," THANK THE RESPONDENT AND END THE INTERVIEW

**7a. Does this facility currently have any active home health or hospice care patients?**

- 01  Yes – GO to item 7b  
 02  No – SKIP to "READ" section

**b. What is the number of home health care patients currently being served by this facility?**

\_\_\_\_\_ Number of home health patients  
 0000  None  
 9999  Don't know

**c. What is the number of hospice care patients currently being served by this facility?**

\_\_\_\_\_ Number of hospice patients  
 0000  None  
 9999  Don't know

**READ**

To complete this survey, I will need a list of all current home health and hospice patients, and a list of all home health and hospice discharges for the month of *(Insert discharge sample month and year)*.

From these lists, I will draw a sample of 6 current patients and 6 discharged patients.

**8a. From whom shall I obtain the list of current patients?**

Name

Title

**I will need these patients' medical records and the cooperation of a staff member best acquainted with these patients in order to obtain the information on this questionnaire.**

*Hand the administrator a copy of the current patient questionnaire. Allow him/her to examine it briefly. Retrieve the questionnaire and continue reading.*

**I will not be contacting or interviewing the patients in any way. I will depend on your staff to consult the medical records.**

**b. Would (person named in item 8a) know which staff member I should interview for those patients selected for the sample?**

- 01  Yes – GO to item 9a  
 02  No – Determine which staff member would have this knowledge and enter the name and title below. ↗

Name

Title

**9a. From whom shall I obtain the list of discharges?**

Same as 8a

Name

Title

**I will need the help of a staff person familiar with the discharge records to aid me in completing the information requested in this questionnaire.**

*Hand the administrator a copy of the discharged patient questionnaire. Allow him/her to examine it briefly. Retrieve the questionnaire and continue reading.*

**b. Would (person named in item 9a) know which staff member I should interview for those discharges that fall into the sample?**

- 01  Yes – GO to item 10 below  
 02  No – Determine which staff member would have this knowledge and enter the name and title below. ↗

Name

Title

**10. Thank you for your time. I will be checking with you before I leave to say good-bye.**

**At this time, could you introduce me to (Names of person(s) listed in items 8a, 8b, 9a, and 9b).**

Notes

FORM **HHCS-2**  
(4-27-93)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
U.S. PUBLIC HEALTH SERVICE  
CENTERS FOR DISEASE CONTROL AND PREVENTION  
NATIONAL CENTER FOR HEALTH STATISTICS

**CURRENT PATIENT SAMPLING LIST**  
**NATIONAL HOME AND HOSPICE CARE SURVEY**

**NOTICE** - Public reporting burden for this collection of information is estimated to average 20 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to PHS Reports Clearance Officer; ATTN: PRA: Hubert H. Humphrey Bldg., Rm. 721-B; 200 Independence Ave., SW; Washington, DC 20201, and to the Office of Management and Budget; Paperwork Reduction Project (0920-0298); Washington, DC 20503. Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or establishment in accordance with Section 308(d) of the Public Health Service Act (42 USC 242m).

**Section A - ADMINISTRATIVE INFORMATION**

1. Field representative name		Code
2. Respondent name	3. Respondent title	4. Date of listing

**Section B - SAMPLING LIST FINAL STATUS**

- 01  Listing as of night before survey
- 02  Alternative listing as of \_\_\_ / \_\_\_ / \_\_\_
- 03  Refused listing information
- 04  Listing records not available
- 05  No current patients
- 06  Other - Specify \_\_\_\_\_

**Section C - INTRODUCTION**

**READ** - In order to obtain national level data about the patients of hospices and home health agencies such as this one, we are collecting information about a sample of current patients. This information and the list of names you provide will be held in strict confidence and will be used **ONLY** by persons involved in the survey and only for the purposes of the survey. Please give me the names of all current patients; that is, all patients on the rolls of this facility as of midnight last night, so that I may select the sample.

NOTES





**CURRENT PATIENT SAMPLING LIST**

Line number (a)	Patient name (or other identifier) (b)
01	
02	
03	
04	
05	
06	
07	
08	
09	
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11	
12	
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50	

**CURRENT PATIENT SAMPLING LIST - Continued**

Line number (a)	Patient name (or other identifier) (b)
51	
52	
53	
54	
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58	
59	
60	
61	
62	
63	
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98	
99	
100	

**NOTE** - If you are listing more than 100 patients, continue listing on form HHCS-6 and mark (X) this box. →

FORM **HHCS-3**  
(4-27-93)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
U.S. PUBLIC HEALTH SERVICE  
CENTERS FOR DISEASE CONTROL AND PREVENTION  
NATIONAL CENTER FOR HEALTH STATISTICS

**CURRENT PATIENT QUESTIONNAIRE**  
**NATIONAL HOME AND HOSPICE CARE SURVEY**

**NOTICE** – Public reporting burden for this collection of information is estimated to average 10 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to PHS Reports Clearance Officer; ATTN: PRA: Hubert H. Humphrey Bldg., Rm. 721-B; 200 Independence Ave., SW; Washington, DC 20201, and to the Office of Management and Budget; Paperwork Reduction Project (0920-0298); Washington, DC 20503. Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or establishment in accordance with Section 308(d) of the Public Health Service Act (42 USC 242m).

**Section A – ADMINISTRATIVE INFORMATION**

1. Field representative name	2. FR code	3. Date of interview Month/Day/Year / /
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**Section B – PATIENT INFORMATION**

1. Patient name or other identifier First   M.I.   Last	2. Patient line number
--	------------------------

**Section C – RESPONDENT INFORMATION**

1a. Respondent name	2a. Respondent name
b. Title	b. Title

**Section D – STATUS OF INTERVIEW**

- |   |  |
|---|--|
| 01 <input type="checkbox"/> Complete<br>02 <input type="checkbox"/> Partial<br>03 <input type="checkbox"/> Patient included in sampling list in error<br>04 <input type="checkbox"/> Incorrect sample line number selected<br>05 <input type="checkbox"/> Refused | 06 <input type="checkbox"/> Assessment only<br>07 <input type="checkbox"/> Unable to locate record<br>08 <input type="checkbox"/> Less than 6 patients selected<br>09 <input type="checkbox"/> Other noninterview – <i>Specify</i> <input checked="" type="checkbox"/> |
|---|--|

**NOTES**



HAND FLASHCARD 3.

**7. Who referred . . . to this facility?**

Mark (X) all that apply.

PROBE: Any other sources?

- 01  Self/Family
- 02  Nursing home
- 03  Hospital
- 04  Physician
- 05  Health department
- 06  Social service agency
- 07  Home health agency
- 08  Hospice
- 09  Religious organization
- 10  Other – Specify \_\_\_\_\_
- 99  Don't know

**8. What was the date of . . . 's most recent admission with your facility, that is, the date on which . . . was admitted for the current episode of care?**

Month	Day	Year

- 00  Only an assessment was done for this patient (patient was not provided services by this facility)

**9a. According to . . . 's medical record, what were the primary and other diagnoses at the time of that (admission/assessment)? Please provide the ICD-9-CM code if one is available.**

PROBE: Any other diagnoses?

- 00  No diagnosis
- Written form
- ICD-9-CM codes if available
- Primary: 1 \_\_\_\_\_
- Others: 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_

**CHECK ITEM A**

Refer to item 8.

- 01  Box 00 is NOT marked – Go to item 9b
- 02  Box 00 is marked – END THE INTERVIEW. Complete sections C and D on the cover.

**b. According to . . . 's medical records, what are . . . 's CURRENT primary and other diagnoses? Please provide the ICD-9-CM code if one is available.**

PROBE: Any other diagnoses?

- 00  No diagnosis
- Written form
- ICD-9-CM codes if available
- Primary: 1 \_\_\_\_\_
- Others: 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_

**10. What type of care is . . . currently receiving from your facility? Is it home health care, hospice care or other care?**

Mark (X) all that apply.

- 01  Home health care
- 02  Hospice care
- 03  Other – Specify \_\_\_\_\_

<b>11a. Does . . . have a primary caregiver?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . } <i>SKIP to item 12</i> 09 <input type="checkbox"/> Don't know . . . . .
<b>b. Does . . . usually live with (his/her) primary caregiver?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 09 <input type="checkbox"/> Don't know
<p><i>HAND FLASHCARD 5.</i></p> <b>11c. What is the relationship of the primary caregiver to . . . ?</b>  <i>Mark (X) only one box.</i>	01 <input type="checkbox"/> Spouse 02 <input type="checkbox"/> Parent 03 <input type="checkbox"/> Child 04 <input type="checkbox"/> Daughter-in-law/Son-in-law 05 <input type="checkbox"/> Other relative – <i>Specify</i> _____ 06 <input type="checkbox"/> Neighbor 07 <input type="checkbox"/> Friend 08 <input type="checkbox"/> Volunteer group 09 <input type="checkbox"/> Other – <i>Specify</i> _____ 09 <input type="checkbox"/> Don't know
<p><i>HAND FLASHCARD 6.</i></p> <b>12. Which of these aids does . . . currently use?</b>  <i>Mark (X) all that apply.</i>  <b>PROBE: Any other aids?</b>	01 <input type="checkbox"/> Eye glasses (including contact lenses) 02 <input type="checkbox"/> Dentures (full or partial) 03 <input type="checkbox"/> Hearing aid 04 <input type="checkbox"/> Wheelchair 05 <input type="checkbox"/> Cane 06 <input type="checkbox"/> Walker 07 <input type="checkbox"/> Crutches 08 <input type="checkbox"/> Brace (any type) 09 <input type="checkbox"/> Oxygen 10 <input type="checkbox"/> Hospital bed 11 <input type="checkbox"/> Commode 12 <input type="checkbox"/> Transfer equipment 13 <input type="checkbox"/> Other aids or devices – <i>Specify</i> $\nabla$  _____ 00 <input type="checkbox"/> No aids used 99 <input type="checkbox"/> Don't know
<p><i>For items 13a–14b, refer to item 12.</i></p> <b>13a. Does . . . have any difficulty in seeing (when wearing glasses)?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . } <i>SKIP to item 14a</i> 03 <input type="checkbox"/> Not applicable (e.g., comatose) . . } 09 <input type="checkbox"/> Don't know . . . . .
<p><i>HAND FLASHCARD 7.</i></p> <b>b. Is . . . 's sight (when wearing glasses) partially, severely, or completely impaired as defined on this card?</b>	01 <input type="checkbox"/> Partially impaired 02 <input type="checkbox"/> Severely impaired 03 <input type="checkbox"/> Completely lost, blind 09 <input type="checkbox"/> Don't know
<b>14a. Does . . . have any difficulty in hearing (when wearing a hearing aid)?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . } <i>SKIP to item 15</i> 03 <input type="checkbox"/> Not applicable (e.g., comatose) . . } 09 <input type="checkbox"/> Don't know . . . . .
<p><i>HAND FLASHCARD 8.</i></p> <b>b. Is . . . 's hearing (when wearing a hearing aid) partially, severely, or completely impaired, as defined on this card?</b>	01 <input type="checkbox"/> Partially impaired 02 <input type="checkbox"/> Severely impaired 03 <input type="checkbox"/> Completely lost, deaf 09 <input type="checkbox"/> Don't know

<i>HAND FLASHCARD 9.</i>				
15. Does . . . currently receive personal help FROM YOUR FACILITY in any of the following activities as defined on this card --  <i>Mark (X) one box for each activity.</i>	Yes receives help	No does not receive help	Unable to do/Doesn't do	Don't know
	<b>a. Bathing or showering?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>
<b>b. Dressing?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>c. Eating?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>d. Transferring in or out of beds or chairs?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>e. Walking?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>f. Using the toilet room?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>16a. Does . . . have an ostomy or an indwelling catheter?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . 99 <input type="checkbox"/> Don't know } <i>SKIP to item 17</i>			
<b>b. Does . . . receive personal help FROM YOUR FACILITY in caring for this device?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 99 <input type="checkbox"/> Don't know			
<b>17. Does . . . currently have any difficulty in controlling (his/her) bowels?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 03 <input type="checkbox"/> Not applicable (e.g., infant, has a colostomy) 99 <input type="checkbox"/> Don't know			
<b>18. Does . . . currently have any difficulty in controlling (his/her) bladder?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 03 <input type="checkbox"/> Not applicable (e.g., infant, has an indwelling catheter) 99 <input type="checkbox"/> Don't know			
<i>HAND FLASHCARD 10.</i>				
19. Does . . . receive personal help FROM YOUR FACILITY in any of the following activities --  <i>Mark (X) one box for each activity.</i>	Yes receives help	No does not receive help	Unable to do/Doesn't do	Don't know
	<b>a. Doing light housework?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>
<b>b. Managing money?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>c. Shopping for groceries or clothes?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>d. Using the telephone (dialing or receiving calls)?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>e. Preparing meals?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
<b>f. Taking medications?</b>	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
NOTES				

HAND FLASHCARD 11.

20a. Which of these services were provided to . . . BY YOUR FACILITY during the last 30 days?

Mark (X) all that apply.

PROBE: Any other services?

- 01  Continuous home care
- 02  Counseling
- 03  Dental treatment services
- 04  Dietary and nutritional services
- 05  Durable medical equipment and medical supplies
- 06  Enterostomal therapy
- 07  High tech care (e.g. IV therapy)
- 08  Homemaker/Companion services
- 09  Meals on wheels
- 10  Medications
- 11  Occupational therapy/Vocational therapy
- 12  Oral hygiene/Prevention services
- 13  Personal care
- 14  Physical therapy
- 15  Physician services
- 16  Referral services
- 17  Respite care (inpatient)
- 18  Skilled nursing services
- 19  Social Services
- 20  Speech therapy/Audiology
- 21  Spiritual care
- 22  Transportation
- 23  Volunteers
- 24  Other services – Specify *z*

00  None

HAND FLASHCARD 12.

b. Which of these service providers FROM YOUR FACILITY visited . . . during the last 30 days?

Mark (X) all that apply.

PROBE: Any other providers?

- 01  Chaplain
- 02  Dental hygienists
- 03  Dentists
- 04  Dietitians/Nutritionists
- 05  Health educators
- 06  Home health aides
- 07  Homemakers/Personal caretakers
- 08  Licensed practical or vocational nurses
- 09  Nursing aides and attendants
- 10  Occupational therapists
- 11  Physical therapists
- 12  Physicians
- 13  Registered nurses
- 14  Social workers
- 15  Speech pathologists and audiologists
- 16  Volunteers
- 17  Other providers – Specify *z*

00  None

21. How many visits were made to . . . during the last 30 days?

\_\_\_\_\_ Number of visits

- 00  None
- 96  24 hour care
- 99  Don't know



<p><b>22a. What was the last amount billed for . . . 's care, including all charges for services, drugs and special medical supplies?</b></p>	<p style="text-align: right;">\$ _____ <span style="border: 1px solid black; padding: 2px;">.00</span></p> <p>00 <input type="checkbox"/> No charge was made for care – <i>END INTERVIEW. Complete sections C and D on the front of this form.</i></p> <p>99 <input type="checkbox"/> Don't know (not billed yet, etc.) – <i>Skip to item 23</i></p>																																				
<p><b>b. What dates are covered by the amount billed?</b></p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Month</td> <td style="border: 1px solid black; padding: 2px;">Day</td> <td style="padding: 0 10px;">TO</td> <td style="border: 1px solid black; padding: 2px;">Month</td> <td style="border: 1px solid black; padding: 2px;">Day</td> </tr> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table> <p>99 <input type="checkbox"/> Don't know</p>	Month	Day	TO	Month	Day																															
Month	Day	TO	Month	Day																																	
<p><i>HAND FLASHCARD 13.</i></p> <p><b>23. What is the PRIMARY expected source of payment for . . . 's care?</b></p> <p><i>Mark (X) only one source.</i></p> <p><i>For the source of payment ask: Is the (source of payment) for home health care or hospice care?</i></p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">Home Health Care</th> <th style="width: 20%; text-align: center;">Hospice Care</th> </tr> </thead> <tbody> <tr> <td>01 <input type="checkbox"/> Private insurance</td> <td style="text-align: center;">01 <input type="checkbox"/></td> <td style="text-align: center;">01 <input type="checkbox"/></td> </tr> <tr> <td>02 <input type="checkbox"/> Own income, family support, Social Security benefits, retirement funds</td> <td style="text-align: center;">02 <input type="checkbox"/></td> <td style="text-align: center;">02 <input type="checkbox"/></td> </tr> <tr> <td>03 <input type="checkbox"/> Supplemental Security Income (SSI)</td> <td style="text-align: center;">03 <input type="checkbox"/></td> <td style="text-align: center;">03 <input type="checkbox"/></td> </tr> <tr> <td>04 <input type="checkbox"/> Medicare</td> <td style="text-align: center;">04 <input type="checkbox"/></td> <td style="text-align: center;">04 <input type="checkbox"/></td> </tr> <tr> <td>05 <input type="checkbox"/> Medicaid</td> <td style="text-align: center;">05 <input type="checkbox"/></td> <td style="text-align: center;">05 <input type="checkbox"/></td> </tr> <tr> <td>06 <input type="checkbox"/> Other government assistance or welfare</td> <td style="text-align: center;">06 <input type="checkbox"/></td> <td style="text-align: center;">06 <input type="checkbox"/></td> </tr> <tr> <td>07 <input type="checkbox"/> Religious organizations, foundations, agencies</td> <td style="text-align: center;">07 <input type="checkbox"/></td> <td style="text-align: center;">07 <input type="checkbox"/></td> </tr> <tr> <td>08 <input type="checkbox"/> VA contract, pensions, or other VA compensation</td> <td style="text-align: center;">08 <input type="checkbox"/></td> <td style="text-align: center;">08 <input type="checkbox"/></td> </tr> <tr> <td>09 <input type="checkbox"/> Payment source not yet determined</td> <td style="text-align: center;">09 <input type="checkbox"/></td> <td style="text-align: center;">09 <input type="checkbox"/></td> </tr> <tr> <td>10 <input type="checkbox"/> Other – <i>Specify</i> ↴</td> <td style="text-align: center;">10 <input type="checkbox"/></td> <td style="text-align: center;">10 <input type="checkbox"/></td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; padding-top: 5px;">99 <input type="checkbox"/> Don't know</td> </tr> </tbody> </table>		Home Health Care	Hospice Care	01 <input type="checkbox"/> Private insurance	01 <input type="checkbox"/>	01 <input type="checkbox"/>	02 <input type="checkbox"/> Own income, family support, Social Security benefits, retirement funds	02 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/> Supplemental Security Income (SSI)	03 <input type="checkbox"/>	03 <input type="checkbox"/>	04 <input type="checkbox"/> Medicare	04 <input type="checkbox"/>	04 <input type="checkbox"/>	05 <input type="checkbox"/> Medicaid	05 <input type="checkbox"/>	05 <input type="checkbox"/>	06 <input type="checkbox"/> Other government assistance or welfare	06 <input type="checkbox"/>	06 <input type="checkbox"/>	07 <input type="checkbox"/> Religious organizations, foundations, agencies	07 <input type="checkbox"/>	07 <input type="checkbox"/>	08 <input type="checkbox"/> VA contract, pensions, or other VA compensation	08 <input type="checkbox"/>	08 <input type="checkbox"/>	09 <input type="checkbox"/> Payment source not yet determined	09 <input type="checkbox"/>	09 <input type="checkbox"/>	10 <input type="checkbox"/> Other – <i>Specify</i> ↴	10 <input type="checkbox"/>	10 <input type="checkbox"/>	99 <input type="checkbox"/> Don't know		
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<p><i>HAND FLASHCARD 13.</i></p> <p><b>24. What are ALL the secondary sources of payment for . . . 's care?</b></p> <p><i>Mark (X) all that apply.</i></p> <p><i>Probe: Any other sources of payment?</i></p> <p><i>For each source of payment ask: Is the (source of payment) for home health care or hospice care?</i></p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">Home Health Care</th> <th style="width: 20%; text-align: center;">Hospice Care</th> </tr> </thead> <tbody> <tr> <td>01 <input type="checkbox"/> Private insurance</td> <td style="text-align: center;">01 <input type="checkbox"/></td> <td style="text-align: center;">01 <input type="checkbox"/></td> </tr> <tr> <td>02 <input type="checkbox"/> Own income, family support, Social Security benefits, retirement funds</td> <td style="text-align: center;">02 <input type="checkbox"/></td> <td style="text-align: center;">02 <input type="checkbox"/></td> </tr> <tr> <td>03 <input type="checkbox"/> Supplemental Security Income (SSI)</td> <td style="text-align: center;">03 <input type="checkbox"/></td> <td style="text-align: center;">03 <input type="checkbox"/></td> </tr> <tr> <td>04 <input type="checkbox"/> Medicare</td> <td style="text-align: center;">04 <input type="checkbox"/></td> <td style="text-align: center;">04 <input type="checkbox"/></td> </tr> <tr> <td>05 <input type="checkbox"/> Medicaid</td> <td style="text-align: center;">05 <input type="checkbox"/></td> <td style="text-align: center;">05 <input type="checkbox"/></td> </tr> <tr> <td>06 <input type="checkbox"/> Other government assistance or welfare</td> <td style="text-align: center;">06 <input type="checkbox"/></td> <td style="text-align: center;">06 <input type="checkbox"/></td> </tr> <tr> <td>07 <input type="checkbox"/> Religious organizations, foundations, agencies</td> <td style="text-align: center;">07 <input type="checkbox"/></td> <td style="text-align: center;">07 <input type="checkbox"/></td> </tr> <tr> <td>08 <input type="checkbox"/> VA contract, pensions, or other VA compensation</td> <td style="text-align: center;">08 <input type="checkbox"/></td> <td style="text-align: center;">08 <input type="checkbox"/></td> </tr> <tr> <td>09 <input type="checkbox"/> Payment source not yet determined</td> <td style="text-align: center;">09 <input type="checkbox"/></td> <td style="text-align: center;">09 <input type="checkbox"/></td> </tr> <tr> <td>10 <input type="checkbox"/> Other – <i>Specify</i> ↴</td> <td style="text-align: center;">10 <input type="checkbox"/></td> <td style="text-align: center;">10 <input type="checkbox"/></td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; padding-top: 5px;">99 <input type="checkbox"/> Don't know</td> </tr> </tbody> </table>		Home Health Care	Hospice Care	01 <input type="checkbox"/> Private insurance	01 <input type="checkbox"/>	01 <input type="checkbox"/>	02 <input type="checkbox"/> Own income, family support, Social Security benefits, retirement funds	02 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/> Supplemental Security Income (SSI)	03 <input type="checkbox"/>	03 <input type="checkbox"/>	04 <input type="checkbox"/> Medicare	04 <input type="checkbox"/>	04 <input type="checkbox"/>	05 <input type="checkbox"/> Medicaid	05 <input type="checkbox"/>	05 <input type="checkbox"/>	06 <input type="checkbox"/> Other government assistance or welfare	06 <input type="checkbox"/>	06 <input type="checkbox"/>	07 <input type="checkbox"/> Religious organizations, foundations, agencies	07 <input type="checkbox"/>	07 <input type="checkbox"/>	08 <input type="checkbox"/> VA contract, pensions, or other VA compensation	08 <input type="checkbox"/>	08 <input type="checkbox"/>	09 <input type="checkbox"/> Payment source not yet determined	09 <input type="checkbox"/>	09 <input type="checkbox"/>	10 <input type="checkbox"/> Other – <i>Specify</i> ↴	10 <input type="checkbox"/>	10 <input type="checkbox"/>	99 <input type="checkbox"/> Don't know		
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99 <input type="checkbox"/> Don't know																																					

**FILL SECTIONS C AND D ON THE COVER OF THIS FORM.**

FORM **HHCS-4**  
(4-27-93)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
U.S. PUBLIC HEALTH SERVICE  
CENTERS FOR DISEASE CONTROL AND PREVENTION  
NATIONAL CENTER FOR HEALTH STATISTICS

**DISCHARGED PATIENT  
SAMPLING LIST  
NATIONAL HOME AND  
HOSPICE CARE SURVEY**

**NOTICE** - Public reporting burden for this collection of information is estimated to average 20 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to PHS Reports Clearance Officer; ATTN: PRA: Hubert H. Humphrey Bldg., Rm. 721-B; 200 Independence Ave., SW; Washington, DC 20201, and to the Office of Management and Budget; Paperwork Reduction Project (0920-0298); Washington, DC 20503. Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or establishment in accordance with Section 308(d) of the Public Health Service Act (42 USC 242m).

**Section A - ADMINISTRATIVE INFORMATION**

1. Field representative name		Code
2. Designated month for discharged sample Month / Day / Year to Month / Day / Year		
3. Respondent name	4. Respondent title	5. Date of listing

**Section B - SAMPLING LIST FINAL STATUS**

- 01  Listing for complete month
- 02  Partial listing (from designated month only) \_\_\_ / \_\_\_ / \_\_\_ to \_\_\_ / \_\_\_ / \_\_\_
- 03  Refused listing information
- 04  Listing records not available
- 05  No discharges
- 06  Other - Specify \_\_\_\_\_

**Section C - INTRODUCTION**

**READ** - In order to obtain national level data about discharged patients of hospices and home health agencies such as this one, we are collecting information about a sample of discharges. This information and the list of names you provide will be held in strict confidence and will be used **ONLY** by persons involved in the survey and only for the purposes of the survey. Please give me the names of all patients discharged alive or deceased from (See item 2 for designated month for discharge sample) and their specific dates of discharge. If any patient was discharged more than once during this time period, give me their name and the discharge date for EACH time they were discharged. Be sure to include the name and discharge date for patients currently being served by your facility who were also discharged from (First and last day of designated month), so that I may select the sample.

Notes

**Section D - LISTING PROCEDURES**

**FOLLOW THE STEPS BELOW TO LIST DISCHARGED PATIENTS -**

**STEP 1.** Start listing the patients on line number 1 on page 3 of this form. List the patients consecutively in the order in which they are given to you. Be sure to complete the "Page of Page" item.

*NOTE - If the facility supplies an appropriate list that you can use, do not transcribe the information onto the sampling list(s). If you can keep this list, attach it to this form; write the control number and facility name on each page of the list. In either case, number the discharges on the provided list; and go to step 2.*

**STEP 2.** Review the list. Verify that all eligible discharges have been listed. Delete any duplicate discharges and any discharge that does not fall into the designated month. If both the patient name and date of discharge are the same, probe to determine if it is a duplicate entry. Renumber the lines if you add or delete any names.

**STEP 3.** Enter the total number of discharges listed. . . . . \_\_\_\_\_  
**IMPORTANT - This number is vital for estimation purposes.** Number

**STEP 4.** Look at the Sample Selection Table. Find the number in the column labeled "Total # listed" that matches the total number of discharges listed.

**STEP 5.** Circle the line numbers on the listing sheets that correspond to those in the columns labeled "Sample line numbers."

**STEP 6.** Enter the amount of circled line numbers on the listing sheets. . . . . \_\_\_\_\_  
Number

**STEP 7.** The discharged patients to be sampled are those listed on lines with a circled line number. Enter the line number, name or other identifier, and discharge date of each sampled patient below. Use this information to complete Section B of a Form HHCS-5, Discharged Patient Questionnaire, for each sampled patient.

Line number	Discharged patient identifier	Discharge date (Month/Day/Year)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Notes

### DISCHARGED PATIENT SAMPLING LIST

Line number (a)	Patient name (or other identifier) (b)	Discharge date (Month/Day/Year) (c)
01		
02		
03		
04		
05		
06		
07		
08		
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49		
50		

**DISCHARGED PATIENT SAMPLING LIST - Continued**

Line number (a)	Patient name (or other identifier) (b)	Discharge date (Month/Day/Year) (c)
51		
52		
53		
54		
55		
56		
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100		

**NOTE** - If you are listing more than 100 discharges, continue listing on form HHCS-6 and mark (X) this box. →

FORM **HHCS-5**  
(4-28-93)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
U.S. PUBLIC HEALTH SERVICE  
CENTERS FOR DISEASE CONTROL AND PREVENTION  
NATIONAL CENTER FOR HEALTH STATISTICS

**DISCHARGED PATIENT  
QUESTIONNAIRE**  
**NATIONAL HOME AND HOSPICE CARE SURVEY**

**NOTICE** – Public reporting burden for this collection of information is estimated to average 10 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to PHS Reports Clearance Officer; ATTN: PRA: Hubert H. Humphrey Bldg., Rm. 721-B; 200 Independence Ave., SW; Washington, DC 20201, and to the Office of Management and Budget; Paperwork Reduction Project (0920-0298); Washington, DC 20503. Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or establishment in accordance with Section 308(d) of the Public Health Service Act (42 USC 242m).

**Section A – ADMINISTRATIVE INFORMATION**

<b>1.</b> Field representative name	<b>2.</b> FR code	<b>3.</b> Date of interview Month/Day/Year / /
-------------------------------------	-------------------	--

**Section B – PATIENT INFORMATION**

<b>1.</b> Patient name or other identifier First   M.I.   Last	<b>2.</b> Patient line number	<b>3.</b> Date of Discharge Month/Day/Year / /
---	-------------------------------	--

**Section C – RESPONDENT INFORMATION**

<b>1a.</b> Respondent name	<b>2a.</b> Respondent name
<b>b.</b> Title	<b>b.</b> Title

**Section D – STATUS OF INTERVIEW**

- |  |   |
|--|---|
| 01 <input type="checkbox"/> Complete                                   | 06 <input type="checkbox"/> Assessment only   |
| 02 <input type="checkbox"/> Partial                                    | 07 <input type="checkbox"/> Unable to locate record   |
| 03 <input type="checkbox"/> Patient included in sampling list in error | 08 <input type="checkbox"/> Less than 6 patients selected   |
| 04 <input type="checkbox"/> Incorrect sample line number selected      | 09 <input type="checkbox"/> Other noninterview – <i>Specify</i> <input checked="" type="checkbox"/> |
| 05 <input type="checkbox"/> Refused                                    |   |

NOTES

Read to each new respondent.

In order to obtain national level data about patients who are discharged from hospices and home health agencies such as this one, we are collecting information about a sample of discharges. I will be asking questions about the background, health status, treatment, social contacts, and billing information for each sampled discharge.

The information you provide will be held in strict confidence and will be used ONLY by persons involved in the survey and only for the purposes of the survey.

In answering these questions, it is especially important to locate the information in the patient's medical record. Do you have the medical file(s) and record(s) for (Read name(s) of selected discharged patient(s))?

If not, ask the respondent to get it/them prior to beginning the interview. Fill sections A and B on the front of all the discharged patient forms while the respondent gets the records. If no record is available for a patient, try to obtain as much information as possible from whatever administrative records are available and/or from the respondent's memory.

1. What was ...'s sex? 01  Male  
02  Female

2. What was ...'s date of birth? Age (at admission)

Month	Day	Year	OR	Years	OR	Months

*HAND FLASHCARD 1.*

3a. Which of these best described ...'s race? 01  White  
02  Black  
03  American Indian, Eskimo, Aleut  
04  Asian, Pacific Islander  
05  Other - Specify \_\_\_\_\_  
99  Don't know

*Mark (X) only one box.*

b. Was ... of Hispanic origin? 01  Yes  
02  No  
99  Don't know

4. What was ...'s marital status at the time of discharge? 01  Married  
02  Widowed  
03  Divorced  
04  Separated  
05  Never Married  
06  Single  
99  Don't know

*Mark (X) only one box.*

*HAND FLASHCARD 2.*

5a. During the episode of care that ended on (date of discharge), where was ... living? 01  Private residence  
02  Rented room, boarding house  
03  Retirement home  
04  Board and care or residential care facility  
05  Health facility (including mental health facility) - SKIP to item 6 Introduction  
06  Other - Specify       

*Mark (X) only one box.*

b. Was ... living with family members, nonfamily members, both family and nonfamily members, or alone? 01  With family members  
02  With nonfamily members  
03  With both family members and nonfamily members  
04  Alone

Read the introductory paragraph for the Social Security Number only once for each respondent.

As part of this survey, we would like to have ...'s Social Security Number. Provision of this number is voluntary and providing or not providing the number will have no effect in any way on ...'s benefits. This number will be useful in conducting future followup studies. It will be used to match against the vital statistics records maintained by the National Center for Health Statistics. This information is collected under the authority of Section 306 of the Public Health Service Act.

6. What was ...'s Social Security Number? Social Security Number  
[ ][ ]-[ ][ ]-[ ][ ][ ][ ]  
97  Refused  
99  Don't know

<p><i>HAND FLASHCARD 3.</i></p> <p><b>7. Who referred . . . to this facility?</b></p> <p><i>Mark (X) all that apply.</i></p> <p><b>PROBE: Any other sources?</b></p>	<p>01 <input type="checkbox"/> Self/Family</p> <p>02 <input type="checkbox"/> Nursing home</p> <p>03 <input type="checkbox"/> Hospital</p> <p>04 <input type="checkbox"/> Physician</p> <p>05 <input type="checkbox"/> Health department</p> <p>06 <input type="checkbox"/> Social service agency</p> <p>07 <input type="checkbox"/> Home health agency</p> <p>08 <input type="checkbox"/> Hospice</p> <p>09 <input type="checkbox"/> Religious organization</p> <p>10 <input type="checkbox"/> Other – <i>Specify</i> _____</p> <p>99 <input type="checkbox"/> Don't know</p>																					
<p><b>8. What was the date of . . . 's admission for the period of care which ended on (Date of discharge)?</b></p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">Month</td> <td style="padding: 2px;">Day</td> <td style="padding: 2px;">Year</td> </tr> <tr> <td style="width: 30px; height: 20px;"></td> <td style="width: 30px; height: 20px;"></td> <td style="width: 30px; height: 20px;"></td> </tr> </table> <p>00 <input type="checkbox"/> Only an assessment was done for this patient (patient was not provided services by this facility)</p>	Month	Day	Year																		
Month	Day	Year																				
<p><b>9a. According to . . . 's medical record, what were the primary and other diagnoses at the time of . . . 's admission that ended with this (discharge/assessment)? Please provide the ICD-9-CM code if one is available.</b></p> <p><b>PROBE: Any other diagnoses?</b></p>	<p>00 <input type="checkbox"/> No diagnosis</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 25%; text-align: center; font-size: small;">Written form</td> <td style="width: 25%; text-align: center; font-size: small;">ICD-9-CM codes if available</td> </tr> <tr> <td>Primary: 1 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>Others: 2 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>3 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>4 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>5 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>6 _____</td> <td></td> <td>_____</td> </tr> </table>		Written form	ICD-9-CM codes if available	Primary: 1 _____		_____	Others: 2 _____		_____	3 _____		_____	4 _____		_____	5 _____		_____	6 _____		_____
	Written form	ICD-9-CM codes if available																				
Primary: 1 _____		_____																				
Others: 2 _____		_____																				
3 _____		_____																				
4 _____		_____																				
5 _____		_____																				
6 _____		_____																				
<p><b>CHECK ITEM A</b></p>	<p><i>Refer to item 8.</i></p> <p>01 <input type="checkbox"/> Box 00 is NOT marked – <i>Go to item 9b</i></p> <p>02 <input type="checkbox"/> Box 00 is marked – <b>END THE INTERVIEW.</b> <i>Complete sections C and D on the cover.</i></p>																					
<p><b>b. According to . . . 's medical records, what were . . . 's primary and other diagnoses at the time of discharge – that is, on (Date of discharge)? Please provide the ICD-9-CM code if one is available.</b></p> <p><b>PROBE: Any other diagnoses?</b></p>	<p>00 <input type="checkbox"/> No diagnosis</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 25%; text-align: center; font-size: small;">Written form</td> <td style="width: 25%; text-align: center; font-size: small;">ICD-9-CM codes if available</td> </tr> <tr> <td>Primary: 1 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>Others: 2 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>3 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>4 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>5 _____</td> <td></td> <td>_____</td> </tr> <tr> <td>6 _____</td> <td></td> <td>_____</td> </tr> </table>		Written form	ICD-9-CM codes if available	Primary: 1 _____		_____	Others: 2 _____		_____	3 _____		_____	4 _____		_____	5 _____		_____	6 _____		_____
	Written form	ICD-9-CM codes if available																				
Primary: 1 _____		_____																				
Others: 2 _____		_____																				
3 _____		_____																				
4 _____		_____																				
5 _____		_____																				
6 _____		_____																				
<p><i>HAND FLASHCARD 4.</i></p> <p><b>c. Why was . . . discharged?</b></p> <p><i>Mark (X) only one box.</i></p>	<p>01 <input type="checkbox"/> Recovered</p> <p>02 <input type="checkbox"/> Stabilized</p> <p>03 <input type="checkbox"/> Goals met</p> <p>04 <input type="checkbox"/> Deceased</p> <p>05 <input type="checkbox"/> Admitted to hospital inpatient service</p> <p>06 <input type="checkbox"/> Admitted to nursing home</p> <p>07 <input type="checkbox"/> Moved out of district</p> <p>08 <input type="checkbox"/> Other – <i>Specify</i> _____</p> <p>99 <input type="checkbox"/> Don't know</p>																					
<p><b>10. What type of care was . . . receiving at the time of discharge? Was it home health care, hospice care or other care?</b></p> <p><i>Mark (X) all that apply.</i></p>	<p>01 <input type="checkbox"/> Home health care</p> <p>02 <input type="checkbox"/> Hospice care</p> <p>03 <input type="checkbox"/> Other – <i>Specify</i> _____</p>																					



<b>11a. Did . . . have a primary caregiver?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . } <i>SKIP to INSTRUCTION BOX above item 12</i> 99 <input type="checkbox"/> Don't know
<b>b. Did . . . usually live with (his/her) primary caregiver?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 99 <input type="checkbox"/> Don't know
<p><i>HAND FLASHCARD 8.</i></p> <b>c. What was the relationship of the primary caregiver to . . . ?</b>  <i>Mark (X) only one box.</i>	01 <input type="checkbox"/> Spouse 02 <input type="checkbox"/> Parent 03 <input type="checkbox"/> Child 04 <input type="checkbox"/> Daughter-in-law/Son-in-law 05 <input type="checkbox"/> Other relative – <i>Specify</i> _____ 06 <input type="checkbox"/> Neighbor 07 <input type="checkbox"/> Friend 08 <input type="checkbox"/> Volunteer group 09 <input type="checkbox"/> Other – <i>Specify</i> _____ 99 <input type="checkbox"/> Don't know
<b>INSTRUCTION BOX</b>	For items 12 through 19, use the phrase "THE LAST TIME SERVICE WAS PROVIDED PRIOR TO (discharge on <i>date of discharge</i> )" if the patient was discharged alive. Use the phrase "THE LAST TIME SERVICE WAS PROVIDED PRIOR TO (death)" if the patient was discharged dead.
<p><i>HAND FLASHCARD 6.</i></p> <b>12. The following questions refer to the patient's status the last time service was provided prior to (discharge on <i>date of discharge</i>/death).</b>  <b>The last time service was provided prior to (discharge on <i>date of discharge</i>/death), which of these aids did . . . regularly use?</b>  <i>Mark (X) all that apply.</i>  <b>PROBE: Any other aids?</b>	01 <input type="checkbox"/> Eye glasses (including contact lenses) 02 <input type="checkbox"/> Dentures (full or partial) 03 <input type="checkbox"/> Hearing aid 04 <input type="checkbox"/> Wheelchair 05 <input type="checkbox"/> Cane 06 <input type="checkbox"/> Walker 07 <input type="checkbox"/> Crutches 08 <input type="checkbox"/> Brace (any type) 09 <input type="checkbox"/> Oxygen 10 <input type="checkbox"/> Hospital bed 11 <input type="checkbox"/> Commode 12 <input type="checkbox"/> Transfer equipment 13 <input type="checkbox"/> Other aids or devices – <i>Specify</i> <input checked="" type="checkbox"/> _____  00 <input type="checkbox"/> No aids used 99 <input type="checkbox"/> Don't know
<p><i>For items 13a–14b, refer to item 12.</i></p> <b>13a. The last time service was provided prior to (discharge on <i>date of discharge</i>/death), did . . . have any difficulty in seeing (when wearing glasses)?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . } <i>SKIP to item 14a</i> 03 <input type="checkbox"/> Not applicable (e.g., comatose) . . } 99 <input type="checkbox"/> Don't know . . . . . }
<p><i>HAND FLASHCARD 7.</i></p> <b>b. Was . . .'s sight (when wearing glasses) partially, severely, or completely impaired as defined on this card?</b>	01 <input type="checkbox"/> Partially impaired 02 <input type="checkbox"/> Severely impaired 03 <input type="checkbox"/> Completely lost, blind 99 <input type="checkbox"/> Don't know
<b>14a. The last time service was provided prior to (discharge on <i>date of discharge</i>/death), did . . . have any difficulty in hearing (when wearing a hearing aid)?</b>	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No . . . . . } <i>SKIP to item 15</i> 03 <input type="checkbox"/> Not applicable (e.g., comatose) . . } 99 <input type="checkbox"/> Don't know . . . . . }
<p><i>HAND FLASHCARD 8.</i></p> <b>b. Was . . .'s hearing (when wearing a hearing aid) partially, severely, or completely impaired, as defined on this card?</b>	01 <input type="checkbox"/> Partially impaired 02 <input type="checkbox"/> Severely impaired 03 <input type="checkbox"/> Completely lost, deaf 99 <input type="checkbox"/> Don't know

<i>HAND FLASHCARD 9.</i>				
15. The last time service was provided prior to (discharge on <i>date of discharge/death</i> ), did . . . receive personal help FROM YOUR FACILITY in any of the following activities as defined on this card - -  <i>Mark (X) one box for each activity.</i>	Yes received help	No did not receive help	Unable to do/Didn't do	Don't know
a. Bathing or showering?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
b. Dressing?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
c. Eating?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
d. Transferring in or out of beds or chairs?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
e. Walking?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
f. Using the toilet room?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
16a. The last time service was provided prior to (discharge on <i>date of discharge/death</i> ), did . . . have an ostomy or an indwelling catheter?	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No. . . . . } <i>SKIP to item 17</i> 99 <input type="checkbox"/> Don't know			
b. Did . . . receive personal help FROM YOUR FACILITY in caring for this device?	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 99 <input type="checkbox"/> Don't know			
17. The last time service was provided prior to (discharge on <i>date of discharge/death</i> ), did . . . have any difficulty in controlling (his/her) bowels?	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 03 <input type="checkbox"/> Not applicable (e.g., infant, had a colostomy) 99 <input type="checkbox"/> Don't know			
18. The last time service was provided prior to (discharge on <i>date of discharge/death</i> ), did . . . have any difficulty controlling (his/her) bladder?	01 <input type="checkbox"/> Yes 02 <input type="checkbox"/> No 03 <input type="checkbox"/> Not applicable (e.g., infant, had an indwelling catheter) 99 <input type="checkbox"/> Don't know			
<i>HAND FLASHCARD 10.</i>				
19. The last time service was provided prior to (discharge on <i>date of discharge/death</i> ), did . . . receive personal help FROM YOUR FACILITY in any of the following activities -  <i>Mark (X) one box for each activity.</i>	Yes received help	No did not receive help	Unable to do/Didn't do	Don't know
a. Doing light housework?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
b. Managing money?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
c. Shopping for groceries or clothes?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
d. Using the telephone (dialing or receiving calls)?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
e. Preparing meals?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
f. Taking medications?	01 <input type="checkbox"/>	02 <input type="checkbox"/>	03 <input type="checkbox"/>	99 <input type="checkbox"/>
NOTES				

HAND FLASHCARD 11.

20a. During the 30 days prior to discharge, which of these services were provided to . . . BY YOUR FACILITY?

Mark (X) all that apply.

PROBE: Any other services?

- 01  Continuous home care
- 02  Counseling
- 03  Dental treatment services
- 04  Dietary and nutritional services
- 05  Durable medical equipment and medical supplies
- 06  Enterostomal therapy
- 07  High tech care (e.g., IV therapy)
- 08  Homemaker/Companion services
- 09  Meals on wheels
- 10  Medications
- 11  Occupational therapy/Vocational therapy
- 12  Oral hygiene/Prevention services
- 13  Personal care
- 14  Physical therapy
- 15  Physician services
- 16  Referral services
- 17  Respite care (inpatient)
- 18  Skilled nursing services
- 19  Social services
- 20  Speech therapy/Audiology
- 21  Spiritual care
- 22  Transportation
- 23  Volunteers
- 24  Other services - Specify

00  None

HAND FLASHCARD 12.

b. During the 30 days prior to discharge, which of these service providers FROM YOUR FACILITY visited . . . ?

Mark (X) all that apply.

PROBE: Any other providers?

- 01  Chaplain
- 02  Dental hygienists
- 03  Dentists
- 04  Dieticians/Nutritionists
- 05  Health educators
- 06  Home health aides
- 07  Homemakers/Personal caretakers
- 08  Licensed practical or vocational nurses
- 09  Nursing aides and attendants
- 10  Occupational therapists
- 11  Physical therapists
- 12  Physicians
- 13  Registered nurses
- 14  Social workers
- 15  Speech pathologists and audiologists
- 16  Volunteers
- 17  Other providers - Specify

00  None

21. How many visits were made to . . . during the 30 days prior to discharge?

\_\_\_\_\_ Number of visits

- 00  None
- 96  24 hour care
- 99  Don't know

NOTES

**22a. What was last amount billed for . . . 's care including all charges made for drugs, services and special medical supplies?**

\$ \_\_\_\_\_ .00

00  No charge was made for care – **END INTERVIEW.**  
Complete sections C and D on the front of this form.

99  Don't know (not billed yet, etc.) – Skip to item 23

**b. What dates are covered by the amount billed?**

Month	Day	Year

TO

Month	Day	Year

99  Don't know

*HAND FLASHCARD 13.*

**23. What was the PRIMARY expected source of payment for . . . 's entire episode of care?**

*Mark (X) only one source.*

*For the source of payment ask:  
Was the (source of payment) for home health care or hospice care?*

	Home Health Care	Hospice Care
01 <input type="checkbox"/> Private insurance	01 <input type="checkbox"/>	01 <input type="checkbox"/>
02 <input type="checkbox"/> Own income, family support, Social Security benefits, retirement funds	02 <input type="checkbox"/>	02 <input type="checkbox"/>
03 <input type="checkbox"/> Supplemental Security Income (SSI)	03 <input type="checkbox"/>	03 <input type="checkbox"/>
04 <input type="checkbox"/> Medicare	04 <input type="checkbox"/>	04 <input type="checkbox"/>
05 <input type="checkbox"/> Medicaid	05 <input type="checkbox"/>	05 <input type="checkbox"/>
06 <input type="checkbox"/> Other government assistance or welfare	06 <input type="checkbox"/>	06 <input type="checkbox"/>
07 <input type="checkbox"/> Religious organizations, foundations, agencies	07 <input type="checkbox"/>	07 <input type="checkbox"/>
08 <input type="checkbox"/> VA contract, pensions, or other VA compensation	08 <input type="checkbox"/>	08 <input type="checkbox"/>
09 <input type="checkbox"/> Payment source not yet determined	09 <input type="checkbox"/>	09 <input type="checkbox"/>
10 <input type="checkbox"/> Other – <i>Specify</i> <u>      </u>	10 <input type="checkbox"/>	10 <input type="checkbox"/>
99 <input type="checkbox"/> Don't know		

*HAND FLASHCARD 13.*

**24. What were ALL the secondary sources of payment for . . . 's entire episode of care?**

*Mark (X) all that apply.*

**PROBE: Any other sources of payment?**

*For each source of payment ask:  
Was the (source of payment) for home health care or hospice care?*

	Home Health Care	Hospice Care
01 <input type="checkbox"/> Private insurance	01 <input type="checkbox"/>	01 <input type="checkbox"/>
02 <input type="checkbox"/> Own income, family support, Social Security benefits, retirement funds	02 <input type="checkbox"/>	02 <input type="checkbox"/>
03 <input type="checkbox"/> Supplemental Security Income (SSI)	03 <input type="checkbox"/>	03 <input type="checkbox"/>
04 <input type="checkbox"/> Medicare	04 <input type="checkbox"/>	04 <input type="checkbox"/>
05 <input type="checkbox"/> Medicaid	05 <input type="checkbox"/>	05 <input type="checkbox"/>
06 <input type="checkbox"/> Other government assistance or welfare	06 <input type="checkbox"/>	06 <input type="checkbox"/>
07 <input type="checkbox"/> Religious organizations, foundations, agencies	07 <input type="checkbox"/>	07 <input type="checkbox"/>
08 <input type="checkbox"/> VA contract, pensions, or other VA compensation	08 <input type="checkbox"/>	08 <input type="checkbox"/>
09 <input type="checkbox"/> Payment source not yet determined	09 <input type="checkbox"/>	09 <input type="checkbox"/>
10 <input type="checkbox"/> Other – <i>Specify</i> <u>      </u>	10 <input type="checkbox"/>	10 <input type="checkbox"/>
99 <input type="checkbox"/> Don't know		

**FILL SECTIONS C AND D ON THE COVER OF THIS FORM.**

NOTES

# Appendix IV Endorsement letters

# HOMECARE<sup>TM</sup>

NATIONAL ASSOCIATION FOR HOME CARE  
519 C STREET, N.E., STANTON PARK  
WASHINGTON, D.C. 20002-5809  
(202) 547-7424, FAX (202) 547-3540

KAYE DANIELS  
CHAIRMAN OF THE BOARD  
VAL J. HALAMANDARIS  
PRESIDENT

HONORABLE FRANK E. MOSS  
SENIOR COUNSEL  
STANLEY M. BRAND  
GENERAL COUNSEL

August 1993

Dear Administrator:


I am writing to encourage your participation in the 1993 National Home and Hospice Care Survey (NHHCS) to be conducted this month by the National Center for Health Statistics. This is an annual survey to collect baseline and trend information about home health agencies and hospices in relationship to the patients they serve and the type of staff they employ.

Your support as a home care or hospice administrator is critical to the successful development of invaluable data for planning and organizing home care and hospice services, drafting health legislation and setting national policies and priorities to obtain high quality care for all home care and hospice recipients.

A minimal amount of your time and staff time will be involved and strict confidentiality will be maintained. Only summary data will be published and made available to health planners, researchers, health professionals and the public.

I am confident that the information derived from this survey will be worth the investment of your time and effort. Your participation assures that the development of information to be used in shaping public policy for home care and hospice will be based on the input of industry professionals. I urge your cooperation in this effort.

Sincerely,



Val J. Halamandaris  
President

# **National Hospice Organization**

Dear Administrator:

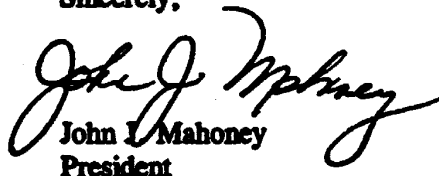
I am writing to encourage your participation in the 1993 National Home and Hospice Care Survey (NHHCS) to be conducted by the National Center for Health Statistics. This survey by NCHS collects baseline and trend information about home health agencies and hospices in relationship to the patients they serve and the type of staff they employ.

Your support as a hospice administrator is critical to the ongoing development of invaluable data for planning and organizing hospice services, and setting national policies and priorities to obtain quality care for all home care and hospice recipients.

In the past several months, NHO has had an opportunity to provide significant input into the re-design of the survey. Many of our suggestions have been incorporated into the survey, and it is hoped that only a minimal amount of your time and staff time will be involved. Strict confidentiality is maintained. Only summary data will be published and made available to health planners, researchers, health professionals and the public.

Even though NHO conducts a very extensive survey of hospices each year, we do not feel that this survey is redundant. In the development of public policy, it is important to have multiple sources of information and I am confident that the information derived from this survey will be worth the investment of your time and effort. Your participation assures that the development of information to be used in shaping public policy for hospice will be based on the input of industry professionals. I urge your cooperation in this effort.

Sincerely,

  
John I. Mahoney  
President



1901 North Moore Street

Suite 901

Arlington, Virginia

22209

703-243-5900

FAX 703-525-5762

NHCS-16

# Vital and Health Statistics series descriptions

- SERIES 1. **Programs and Collection Procedures**—These reports describe the data collection programs of the National Center for Health Statistics. They include descriptions of the methods used to collect and process the data, definitions, and other material necessary for understanding the data.
- SERIES 2. **Data Evaluation and Methods Research**—These reports are studies of new statistical methods and include analytical techniques, objective evaluations of reliability of collected data, and contributions to statistical theory. These studies also include experimental tests of new survey methods and comparisons of U.S. methodology with those of other countries.
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- SERIES 12. **Data From the Institutionalized Population Surveys**—Discontinued in 1975. Reports from these surveys are included in Series 13.
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- SERIES 21. **Data on Natality, Marriage, and Divorce**—These reports contain statistics on natality, marriage, and divorce that are not included in regular, annual, or monthly reports. Special analyses by health and demographic variables and geographic and trend analyses are included.
- SERIES 22. **Data From the National Mortality and Natality Surveys**—Discontinued in 1975. Reports from these sample surveys, based on vital records, are now published in Series 20 or 21.
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For answers to questions about this report or for a list of reports published in these series, contact:

Data Dissemination Branch  
National Center for Health Statistics  
Centers for Disease Control and Prevention  
Public Health Service  
6525 Belcrest Road, Room 1064  
Hyattsville, MD 20782  
(301) 436-8500  
E-mail: [nchsquery@nch10a.em.cdc.gov](mailto:nchsquery@nch10a.em.cdc.gov)  
Internet: <http://www.cdc.gov/nchswwww/nchshome.htm>

**DEPARTMENT OF  
HEALTH & HUMAN SERVICES**

Public Health Service  
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National Center for Health Statistics  
6525 Belcrest Road  
Hyattsville, Maryland 20782

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