

Table 27. Number and percent distribution of nursing home residents by presence or highest stage of pressure ulcers at time of interview according to selected resident characteristics: United States, 2004

Characteristic	Pressure ulcers ¹														
	All residents ²		No pressure ulcers		Highest stage of ulcers										
	Number	Percent distribution	Number	Percent distribution	Total		Stage I		Stage II		Stage III		Stage IV		
				Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All residents	1,492,200	100.0	1,318,600	88.4	159,400	10.7	79,100	5.3	17,200	1.2	24,300	1.6	*7,400	*0.5	
Age ³															
Under 65 years	174,900	100.0	149,500	85.5	23,900	13.7	10,500	6.0	*	*	*7,000	*4.0	*	*	
65 years and older	1,317,300	100.0	1,169,100	88.8	135,500	10.3	68,600	5.2	14,200	1.1	17,300	1.3	*6,700	*0.5	
65–74 years	174,100	100.0	153,400	88.1	17,500	10.1	7,800	4.5	*	*	*	*	*	*	
75–84 years	468,700	100.0	408,000	87.0	55,800	11.9	30,700	6.5	*6,500	*1.4	*6,500	*1.4	*	*	
85 years and older	674,500	100.0	607,800	90.1	62,200	9.2	30,200	4.5	*5,000	*0.7	8,500	1.3	*	*	
Sex															
Male	430,500	100.0	369,300	85.8	55,700	12.9	11,900	2.8	30,100	7.0	*5,800	*1.4	7,900	1.8	
Female	1,061,700	100.0	949,200	89.4	103,700	9.8	26,900	2.5	48,900	4.6	11,400	1.1	16,400	1.5	
Race															
White	1,276,000	100.0	1,128,600	88.5	135,600	10.6	34,700	2.7	67,800	5.3	14,200	1.1	18,900	1.5	
Black	186,100	100.0	163,700	88.0	19,900	10.7	*	*	9,800	5.3	*	*	*4,800	*2.6	
Other ⁴	30,100	100.0	26,300	87.3	*3,800	*12.7	*	*	*	*	*	*	*	*	
Hispanic or Latino origin															
Hispanic or Latino	57,200	100.0	50,800	88.9	*5,400	*9.4	*	*	*	*	*	*	*	*	
Not Hispanic or Latino	1,427,400	100.0	1,264,200	88.6	153,500	10.8	37,700	2.6	76,100	5.3	16,400	1.1	23,400	1.6	

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Highest stage of any pressure ulcer at time of interview.

²Includes unknowns.

³Age at time of interview.

⁴Other race includes Asian, Native Hawaiian or other Pacific Islander, American Indian or Alaska Native, and multiple races. Persons of Hispanic origin may be of any race. Starting with data year 1999, race-specific estimates have been tabulated according to the 1997 Standards for Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. However, only a small number of records had multiple races.

NOTES: Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 28. Number and percent distribution of nursing home residents by presence and highest stage of pressure ulcers at the time of the interview according to selected facility characteristics: United States, 2004

Characteristic	Pressure ulcers ¹														
	All residents ²		No pressure ulcers		Highest stage of ulcers										
	Number	Percent distribution	Number	Percent distribution	Total	Stage I		Stage II		Stage III		Stage IV			
				Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All residents	1,492,200	100.0	1,318,600	88.4	159,400	10.7	38,800	2.6	79,100	5.3	17,200	1.2	24,300	1.6	
Ownership															
Proprietary	918,000	100.0	809,600	88.2	99,800	10.9	22,700	2.5	48,000	5.2	11,300	1.2	17,900	1.9	
Voluntary nonprofit and other ³	574,200	100.0	509,000	88.6	59,500	10.4	16,100	2.8	31,100	5.4	*5,900	*1.0	6,400	1.1	
Certification															
Certified	1,475,600	100.0	1,302,900	88.3	158,600	10.7	38,700	2.6	78,400	5.3	17,200	1.2	24,200	1.6	
Medicare and Medicaid	1,379,700	100.0	1,217,100	88.2	150,600	10.9	35,800	2.6	75,400	5.5	15,900	1.2	23,400	1.7	
Medicare only	28,100	100.0	23,400	83.1	*4,100	*14.7	*	*	*	*	*	*	*	*	
Medicaid only	67,900	100.0	62,500	92.1	3,800	5.6	*	*	*	*	*	*	*	*	
Not certified	16,600	100.0	15,700	94.7	*	*	*	*	*	*	*	*	*	*	
Beds															
Fewer than 50 beds	62,200	100.0	55,300	88.9	6,800	10.9	*2,100	3.4	*3,200	5.2	*	*	*	*	
50–99 beds	422,600	100.0	379,100	89.7	42,300	10.0	9,800	2.3	21,700	5.1	*5,000	*1.2	5,900	1.4	
100 beds or more	1,007,500	100.0	884,300	87.8	110,300	10.9	26,900	2.7	54,100	5.4	11,600	1.2	17,600	1.8	
Geographic region															
Northeast	331,300	100.0	289,900	87.5	38,200	11.5	9,200	2.8	17,800	5.4	*4,900	*1.5	*6,300	*1.9	
Midwest	448,000	100.0	401,000	89.5	41,500	9.3	9,800	2.2	24,200	5.4	*3,200	*0.7	*4,300	*1.0	
South	501,500	100.0	444,300	88.6	53,800	10.7	10,900	2.2	27,700	5.5	*6,000	*1.2	9,200	1.8	
West	211,400	100.0	183,400	86.8	25,900	12.2	8,900	4.2	9,400	4.4	*	*	*4,500	*2.1	
Location															
Metropolitan statistical area	1,127,800	100.0	993,200	88.1	122,300	10.8	30,800	2.7	57,600	5.1	14,000	1.2	19,900	1.8	
Micropolitan statistical area	202,000	100.0	180,100	89.2	21,400	10.6	4,600	2.3	12,300	6.1	*2,300	*1.1	*2,300	*1.1	
Other location	162,400	100.0	145,400	89.5	15,700	9.7	*3,400	*2.1	9,200	5.6	*	*	*2,100	*1.3	
Affiliation															
Chain	812,500	100.0	714,300	87.9	89,900	11.1	21,000	2.6	44,200	5.4	9,600	1.2	15,100	1.9	
Independent	679,700	100.0	604,300	88.9	69,500	10.2	17,700	2.6	34,900	5.1	7,700	1.1	9,200	1.4	

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Highest stage of any pressure ulcer at time of interview.

²Includes unknown.

³Includes state and local government owned facilities.

NOTES: Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 29. Number and percent distribution of nursing home residents by use of physical restraints in nursing homes and selected resident characteristics: United States, 2004

Characteristic	Physical restraints					
	All residents		No restraints		One or more restraints	
	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All residents	1,492,200	100.0	894,500	59.9	583,900	39.1
Age ¹						
Under 65 years	174,900	100.0	100,900	57.7	72,700	41.6
65 years and older	1,317,300	100.0	793,600	60.2	511,200	38.8
65–74 years	174,100	100.0	106,900	61.4	64,200	36.9
75–84 years	468,700	100.0	280,900	59.9	183,100	39.1
85 years and older	674,500	100.0	405,800	60.2	263,800	39.1
Sex						
Male	430,500	100.0	260,500	60.5	164,500	38.2
Female	1,061,700	100.0	634,000	59.7	419,400	39.5
Race						
White	1,276,000	100.0	778,800	61.0	485,900	38.1
Black	186,100	100.0	97,900	52.6	85,700	46.0
Other ²	30,100	100.0	17,800	59.0	12,400	41.0
Hispanic or Latino origin						
Hispanic or Latino	57,200	100.0	33,200	58.0	23,200	40.6
Not Hispanic or Latino	1,427,400	100.0	859,600	60.2	558,500	39.1

¹Age at time of interview.²Other race includes Asian, Native Hawaiian or other Pacific Islander, American Indian or Alaska Native, and multiple races. Persons of Hispanic origin may be of any race. Starting with data year 1999, race-specific estimates have been tabulated according to the 1997 Standards for Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. However, only a small number of records had multiple races.

NOTES: Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 30. Number and percentage of nursing home residents by types of physical restraints used in nursing homes and selected resident characteristics: United States, 2004

Characteristic	Type of physical restraints ¹								
	All residents	Bedrails		Siderails		Chairs ²		Trunk or limb	
		Number	Number	Percent	Number	Percent	Number	Percent	Number
All residents	1,492,200	205,000	13.7	365,800	24.5	50,300	3.4	60,900	4.1
Age ³									
Under 65 years	174,900	34,600	19.8	40,000	22.9	*8,000	*4.6	9,100	5.2
65 years and older	1,317,300	170,400	12.9	325,800	24.7	42,200	3.2	51,800	3.9
65–74 years	174,100	22,400	12.9	41,400	23.8	*4,400	*2.5	*5,400	*3.1
75–84 years	468,700	60,900	13.0	116,500	24.8	15,400	3.3	18,200	3.9
85 years and older	674,500	87,100	12.9	167,900	24.9	22,500	3.3	28,100	4.2
Sex									
Male	430,500	60,000	13.9	100,600	23.4	15,200	3.5	17,300	4.0
Female	1,061,700	145,000	13.7	265,200	25.0	35,100	3.3	43,600	4.1
Race									
White	1,276,000	161,400	12.7	310,300	24.3	41,200	3.2	51,000	4.0
Black	186,100	37,800	20.3	49,200	26.5	*7,600	*4.1	8,000	4.3
Other ⁴	30,100	*5,700	*19.0	*6,300	*20.8	*	*	*	*
Hispanic or Latino origin									
Hispanic or Latino	57,200	9,600	16.7	13,700	23.9	*	*	*	*
Not Hispanic or Latino	1,427,400	195,100	13.7	350,200	24.5	47,700	3.3	58,000	4.1

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Includes multiple counts for residents with more than one physical restraint.

²Chair prevents resident from rising.

³Age at time of interview.

⁴Other race includes Asian, Native Hawaiian or other Pacific Islander, American Indian or Alaska Native, and multiple races. Persons of Hispanic origin may be of any race. Starting with data year 1999, race-specific estimates have been tabulated according to the 1997 Standards for Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. However, only a small number of records had multiple races.

NOTES: Numbers may not add to totals because of rounding. Percentages are based on the unrounded numbers.

Table 31. Number and percent distribution of nursing home residents by use of physical restraints in nursing homes and selected facility characteristics: United States, 2004

Characteristic	Physical restraints					
	All residents		No restraints		One or more restraints	
	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All residents	1,492,200	100.0	583,900	39.1	894,500	59.9
Ownership						
Proprietary	918,000	100.0	360,300	39.3	549,500	59.9
Voluntary nonprofit	440,300	100.0	172,600	39.2	262,600	59.6
Government and other	133,900	100.0	51,000	38.1	82,500	61.6
Certification						
Certified	1,475,600	100.0	576,900	39.1	885,000	60.0
Medicare and Medicaid	1,379,700	100.0	541,400	39.2	826,800	59.9
Medicare only	28,100	100.0	11,100	39.6	16,400	58.2
Medicaid only	67,900	100.0	24,400	36.0	41,900	61.7
Not certified	16,600	100.0	*7,000	42.2	*9,500	57.5
Beds						
Fewer than 50 beds	62,200	100.0	25,400	40.8	36,700	59.0
50–99 beds	422,600	100.0	167,100	39.6	254,100	60.1
100 beds or more	1,007,500	100.0	391,400	38.8	603,800	59.9
Geographic region						
Northeast	331,300	100.0	138,200	41.7	190,300	57.4
Midwest	448,000	100.0	141,100	31.5	301,400	67.3
South	501,500	100.0	220,300	43.9	277,900	55.4
West	211,400	100.0	84,200	39.8	124,900	59.1
Location						
Metropolitan statistical area	1,127,800	100.0	447,700	39.7	668,100	59.2
Micropolitan statistical area	202,000	100.0	77,400	38.3	124,000	61.4
Other location	162,400	100.0	58,800	36.2	102,400	63.0
Affiliation						
Chain	812,500	100.0	311,400	38.3	493,000	60.7
Independent	679,700	100.0	272,500	40.1	401,600	59.1

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

NOTES: Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 32. Number and percentage of nursing home residents by types of physical restraints used in nursing homes and selected facility characteristics: United States, 2004

Characteristic	All residents	Type of physical restraints ¹							
		Bedrails		Siderails		Chairs ²		Trunk or limb	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
All residents	1,492,200	205,000	13.7	365,800	24.5	50,300	3.4	60,900	4.1
Ownership									
Proprietary	918,000	142,700	15.5	210,300	22.9	30,600	3.3	39,400	4.3
Voluntary nonprofit	440,300	46,200	10.5	121,400	27.6	16,200	3.7	16,300	3.7
Government and other	133,900	16,100	12.0	34,100	25.5	*3,600	*2.7	*5,200	*3.9
Certification									
Certified	1,475,600	202,300	13.7	362,200	24.5	49,500	3.4	60,200	4.1
Medicare and Medicaid	1,379,700	187,400	13.6	340,900	24.7	45,500	3.3	55,200	4.0
Medicare only	28,100	*3,100	*10.9	8,100	28.7	*	*	*	*
Medicaid only	67,900	11,800	17.4	13,200	19.4	*3,800	*5.6	*4,700	*6.9
Not certified	16,600	*2,700	*16.3	*3,600	*21.8	*	*	*	*
Beds									
Fewer than 50 beds	62,200	8,700	13.9	17,100	27.6	*1,400	*2.2	*1,300	*2.1
50–99 beds	422,600	62,900	14.9	101,900	24.1	12,800	3.0	17,500	4.1
100 beds or more	1,007,500	133,400	13.2	246,800	24.5	36,100	3.6	42,100	4.2
Geographic region									
Northeast	331,300	23,400	7.1	108,700	32.8	*10,000	*3.0	10,600	3.2
Midwest	448,000	36,500	8.1	99,000	22.1	10,500	2.3	11,900	2.7
South	501,500	107,300	21.4	113,400	22.6	21,000	4.2	26,400	5.3
West	211,400	37,800	17.9	44,600	21.1	8,700	4.1	12,000	5.7
Location									
Metropolitan statistical area	1,127,800	145,600	12.9	289,900	25.7	39,100	3.5	48,000	4.3
Micropolitan statistical area	202,000	33,000	16.4	43,800	21.7	6,200	3.1	7,400	3.7
Other location	162,400	26,400	16.3	32,000	19.7	5,000	3.1	5,500	3.4
Affiliation									
Chain	812,500	106,200	13.1	193,800	23.9	26,700	3.3	29,700	3.7
Independent	679,700	98,800	14.5	171,900	25.3	23,600	3.5	31,100	4.6

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Includes multiple counts for residents with more than one physical restraint.

²Chair prevents resident from rising.

NOTES: Numbers may not add to totals because of rounding. Percentages are based on the unrounded numbers.

Table 33A. Number and percent distribution of nursing home residents by primary diagnosis at admission and at time of interview: United States, 2004

Diagnosis and ICD-9-CM code ¹	At admission		At time of interview	
	Number	Percent distribution	Number	Percent distribution
All residents	1,492,200	100.0	1,492,200	100.0
Infectious and parasitic diseases001-139	15,400	1.0	8,400	0.6
Neoplasms140-239	30,300	2.0	33,800	2.3
Malignant neoplasms140-208, 230-234	26,700	1.8	29,700	2.0
Endocrine, nutritional, and metabolic diseases and immunity disorders240-279	81,000	5.4	109,900	7.4
Diabetes mellitus250	57,500	3.9	87,600	5.9
Diseases of the blood and blood-forming groups280-289	9,200	0.6	11,400	0.8
Anemias280-285	8,300	0.6	11,000	0.7
Mental disorders290-319	244,000	16.4	327,100	21.9
Senile dementia or organic brain syndrome290,310	21,000	1.4	28,000	1.9
Mental retardation317-319	10,900	0.7	11,400	0.8
Other mental disorders291-309, 311-316	212,100	14.2	287,700	19.3
Diseases of the nervous system and sense organs320-389	208,700	14.0	246,200	16.5
Alzheimers disease331.0	126,600	8.5	156,000	10.5
Parkinsons disease332	27,700	1.9	34,700	2.3
Multiple sclerosis340	13,900	0.9	13,200	0.9
Paralytic syndromes342-344	19,300	1.3	23,100	1.5
Other diseases of the nervous system and sense organs320-330, 331.1-331.9, 333-337, 341, 345-389	21,200	1.4	19,200	1.3
Diseases of the circulatory system390-459	353,100	23.7	373,000	25.0
Essential hypertension401	54,600	3.7	88,800	6.0
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	123,700	8.3	141,700	9.5
Coronary atherosclerosis414.0	*5,300	*0.4	9,700	0.7
Cardiac dysrhythmias427	16,700	1.1	23,800	1.6
Congestive heart failure428.0	63,800	4.3	70,000	4.7
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	12,700	0.9	11,700	0.8
Acute, but ill-defined, cerebrovascular disease436	86,400	5.8	72,100	4.8
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	21,100	1.4	21,100	1.4
Diseases of the respiratory system460-519	100,000	6.7	74,200	5.0
Pneumonia, all forms480-486	38,200	2.6	10,300	0.7
Chronic obstructive pulmonary disease and allied conditions490-496	42,200	2.8	53,000	3.6
Other diseases of the respiratory system460-478, 487, 500-519	19,600	1.3	10,800	0.7
Diseases of the digestive system520-579	46,300	3.1	29,800	2.0
Diseases of the genitourinary system580-629	51,300	3.4	36,800	2.5
Urinary tract infection580-583, 590, 595, 597, 599.0	25,300	1.7	9,900	0.7
Diseases of the skin and subcutaneous tissue680-709	21,000	1.4	14,900	1.0
Decubitus ulcer707.0	*6,500	*0.4	*5,100	*0.3
Diseases of the musculoskeletal system and connective tissue710-739	67,200	4.5	77,600	5.2
Rheumatoid arthritis, except spine714	*4,500	*0.3	*6,100	*0.4
Osteoarthritis and allied disorders, except spine715	19,700	1.3	26,800	1.8
Other arthropathies and related disorders710-713, 716-719	11,800	0.8	13,300	0.9
Osteoporosis733.0	7,300	0.5	15,100	1.0
Symptoms, signs, and ill-defined conditions780-799	82,900	5.6	63,500	4.3
Injury and poisoning ²800-999	19,700	1.3	54,000	3.6
Supplementary classification ²V01-V82	142,900	9.6	15,900	1.1
Posthospital aftercareV42-46, V52, V53.3-V53.7, V54-58	132,000	8.8	8,700	0.6

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

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

²For data years 1995-1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD-9-CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD-9-CM. The guidelines clearly define the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as post-hospital aftercare.

NOTES: Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 33B. Number and percentage (with standard errors) of nursing home residents by prevalence of diagnoses at time of interview: United States, 2004

Diagnoses and ICD-9-CM code ¹	Prevalence ²			
	Number	(SE)	Percent	(SE)
All residents	1,492,200	(11,168)
Infectious and parasitic diseases001-139	38,300	(2,782)	2.6	(0.19)
Neoplasms140-239	121,100	(4,551)	8.1	(0.30)
Malignant neoplasms140-208, 230-234	108,100	(4,363)	7.2	(0.28)
Endocrine, nutritional, and metabolic diseases and immunity disorders240-279	703,500	(10,719)	47.2	(0.62)
Diabetes mellitus250	361,800	(7,294)	24.2	(0.49)
Diseases of the blood and blood-forming groups280-289	286,000	(7,493)	19.2	(0.48)
Anemias280-285	276,900	(7,351)	18.6	(0.47)
Mental disorders290-319	996,000	(12,300)	66.7	(0.67)
Senile dementia or organic brain syndrome290, 310	91,900	(4,742)	6.2	(0.31)
Mental retardation317-319	27,800	(2,128)	1.9	(0.14)
Other mental disorders291-309, 311-316	951,800	(12,315)	63.8	(0.68)
Diseases of the nervous system and sense organs320-389	627,900	(11,463)	42.1	(0.69)
Alzheimer's disease331.0	231,900	(7,366)	15.5	(0.47)
Parkinson's disease332	93,700	(3,826)	6.3	(0.25)
Multiple sclerosis340	17,200	(1,846)	1.2	(0.12)
Paralytic syndromes342-344	81,100	(3,883)	5.4	(0.26)
Other diseases of the nervous system and sense organs320-330, 331.1-331.9, 333-337, 341, 345-389	311,000	(8,709)	20.8	(0.56)
Diseases of the circulatory system390-459	1,158,700	(12,099)	77.7	(0.54)
Essential hypertension401	790,300	(11,083)	53.0	(0.62)
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	635,000	(10,231)	42.6	(0.59)
Coronary atherosclerosis414.0	79,000	(4,629)	5.3	(0.30)
Cardiac dysrhythmias427	202,400	(5,958)	13.6	(0.38)
Congestive heart failure428.0	281,400	(6,889)	18.9	(0.45)
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	104,900	(4,664)	7.0	(0.31)
Acute, but ill-defined, cerebrovascular disease436	174,400	(5,601)	11.7	(0.36)
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	230,600	(6,956)	15.5	(0.45)
Diseases of the respiratory system460-519	302,100	(6,959)	20.3	(0.44)
Pneumonia, all forms480-486	33,700	(2,696)	2.3	(0.18)
Chronic obstructive pulmonary disease and allied conditions490-496	190,000	(5,790)	12.7	(0.38)
Other diseases of the respiratory system460-478, 487, 500-519	61,100	(3,261)	4.1	(0.22)
Diseases of the digestive system520-579	534,500	(11,029)	35.8	(0.69)
Diseases of the genitourinary system580-629	275,200	(7,310)	18.4	(0.46)
Urinary tract infection580-583, 590, 595, 597, 599.0	84,800	(4,314)	5.7	(0.28)
Diseases of the skin and subcutaneous tissue680-709	86,100	(3,897)	5.8	(0.26)
Decubitus ulcer707.0	21,100	(1,922)	1.4	(0.13)
Diseases of the musculoskeletal system and connective tissue710-739	664,700	(12,171)	44.5	(0.72)
Rheumatoid arthritis, except spine714	18,000	(1,721)	1.2	(0.11)
Osteoarthritis and allied disorders, except spine715	303,000	(8,704)	20.3	(0.55)
Other arthropathies and related disorders710-713, 716-719	178,600	(6,423)	12.0	(0.43)
Osteoporosis733.0	234,000	(7,309)	15.7	(0.47)
Symptoms, signs, and ill-defined conditions780-799	500,400	(10,553)	33.5	(0.67)
Injury and poisoning ³800-999	116,900	(4,704)	7.8	(0.31)
Supplementary classification ³V01-V82	111,700	(6,255)	7.5	(0.41)
Posthospital aftercareV42-V46, V52, V53.3-V53.7, V54-V58	49,000	(3,702)	3.3	(0.25)

¹Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.²In each row, a resident can be counted only once.³For data years 1995-1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD-9-CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD-9-CM. The guidelines clearly define the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as post-hospital aftercare.

NOTES: Numbers may not add to totals because of rounding. Percentages are based on the unrounded numbers. SE means standard error.

Table 34. Number of nursing home residents by primary diagnosis at admission by age, sex, and race: United States, 2004

Diagnosis and ICD-9-CM code ¹	Age ¹									
	All residents	Under 65 years	65 years and older				Sex		Race	
			Total	65-74 years	75-84 years	85 years and older	Male	Female	White	Black
All residents	1,492,200	174,900	1,317,300	174,100	468,700	674,500	430,500	1,061,700	1,276,000	186,100
Infectious and parasitic diseases001-139	15,400	*4,200	11,200	*	*4,700	*4,800	*6,000	9,400	11,500	*
Neoplasms140-239	30,300	*4,700	25,700	*4,100	11,100	10,500	12,200	18,100	25,900	*3,900
Malignant neoplasms140-208, 230-234	26,700	*3,500	23,200	*3,900	10,000	9,300	11,100	15,600	22,600	*
Endocrine, nutritional, and metabolic diseases and immunity disorders . . .240-279	81,000	9,700	71,300	12,800	28,400	30,100	20,800	60,200	64,200	15,400
Diabetes mellitus250	57,500	8,000	49,500	10,600	21,100	17,900	16,800	40,700	44,400	12,100
Diseases of the blood and blood-forming groups280-289	9,200	*	8,900	*	*	6,400	*	6,500	7,600	*
Anemias280-285	8,300	*	8,100	*	*	*5,700	*	*5,900	7,000	*
Mental disorders290-319	244,000	32,200	211,800	29,500	72,300	110,000	72,100	171,900	209,700	30,100
Senile dementia or organic brain syndrome290,310	21,000	*	18,800	*	*4,600	12,100	*5,900	15,100	18,200	*
Mental retardation317-319	10,900	*5,300	*5,700	*	*	*	*5,300	5,600	9,200	*
Other mental disorders291-309, 311-316	212,100	24,700	187,400	24,700	65,300	97,400	60,900	151,200	182,300	26,300
Diseases of the nervous system and sense organs320-389	208,700	31,100	177,500	21,300	74,800	81,400	61,800	146,900	188,100	17,200
Alzheimers disease331.0	126,600	*	125,000	9,400	53,900	61,800	27,700	98,900	117,100	8,300
Parkinsons disease332	27,700	*	26,400	*3,900	12,600	9,900	11,900	15,700	27,000	*
Multiple sclerosis340	13,900	8,700	*5,100	*3,400	*	*	*3,900	10,000	12,500	*
Paralytic syndromes342-344	19,300	11,100	8,200	*	*3,100	*	10,200	9,100	13,200	*4,800
Other diseases of the nervous system and sense organs . . .320-330, 331.1-331.9, 333-337, 341, 345-389	21,200	8,400	12,800	*	*4,000	*6,800	8,000	13,100	18,300	*
Diseases of the circulatory system390-459	353,100	27,600	325,500	43,300	106,900	175,200	101,400	251,600	290,800	55,200
Essential hypertension401	54,600	*3,900	50,800	*5,600	14,300	30,900	13,700	40,900	42,900	10,600
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	123,700	*4,300	119,400	9,700	36,000	73,700	29,400	94,400	110,100	12,500
Coronary atherosclerosis414.0	*5,300	*	*5,200	*	*	*3,300	*	*3,800	*5,000	*
Cardiac dysrhythmias427	16,700	*	16,500	*	*4,700	10,800	*3,900	12,800	14,600	*
Congestive heart failure428.0	63,800	*	62,400	*5,400	16,400	40,500	12,700	51,000	55,600	*7,400
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	12,700	*	11,500	*	*4,400	6,400	*	10,100	12,000	*
Acute, but ill-defined, cerebrovascular disease436	86,400	9,200	77,200	12,900	26,200	38,000	26,500	59,800	69,200	15,300
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	21,100	*	19,200	*	7,800	7,900	*6,400	14,700	17,000	*4,000
Diseases of the respiratory system460-519	100,000	11,100	88,900	15,100	34,100	39,700	30,600	69,400	88,000	10,100
Pneumonia, all forms480-486	38,200	*	36,500	*4,500	11,000	21,000	11,900	26,300	33,900	*
Chronic obstructive pulmonary disease and allied conditions490-496	42,200	*3,800	38,400	7,300	17,700	13,300	12,200	29,900	38,300	*
Other diseases of the respiratory system460-478, 487, 500-519	19,600	*5,700	13,900	*3,200	*5,300	*5,400	6,500	13,100	15,800	*
Diseases of the digestive system520-579	46,300	*6,500	39,800	*5,100	15,000	19,700	14,900	31,400	38,500	*6,200
Diseases of the genitourinary system580-629	51,300	*7,000	44,300	9,000	15,000	20,300	18,900	32,500	41,800	*7,700
Urinary tract infection580-583, 590, 595, 597, 599.0	25,300	*	23,500	*3,800	7,000	12,700	*6,500	18,800	22,100	*
Diseases of the skin and subcutaneous tissue680-709	21,000	*3,200	17,800	*	6,900	9,400	*5,200	15,800	18,400	*
Decubitus ulcer707.0	*6,500	*	*5,200	*	*	*	*	*5,400	*5,300	*
Diseases of the musculoskeletal system and connective tissue710-739	67,200	*4,500	62,700	5,700	20,200	36,700	14,000	53,200	60,600	*5,700
Rheumatoid arthritis, except spine714	*4,500	*	*4,200	*	*	*	*	*4,200	*4,100	*
Osteoarthritis and allied disorders, except spine715	19,700	*	19,100	*	*4,600	12,600	*3,200	16,400	17,400	*
Other arthropathies and related disorders710-713, 716-719	11,800	*	10,600	*	*3,700	5,600	*3,200	8,700	10,300	*
Osteoporosis733.0	7,300	*	7,100	*	*	*5,700	*	6,800	6,600	*
Symptoms, signs, and ill-defined conditions780-799	82,900	11,600	71,300	9,500	27,400	34,400	24,700	58,200	67,300	13,000
Injury and poisoning ⁴800-999	19,700	8,000	11,700	*	*4,300	*5,300	8,400	11,300	16,500	*
Supplementary classification ⁴V01-V82	142,900	8,700	134,200	11,300	39,500	83,400	29,800	113,200	132,800	*7,100
Posthospital aftercareV42-46, V52, V53.3-V53.7, V54-58	132,000	*6,800	125,200	9,600	35,600	80,000	25,500	106,500	123,900	*5,400

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Age at time of admission.

²Other race not shown because diagnoses estimates do not meet standard of reliability.

³Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.

⁴For data years 1995–1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD–9–CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD–9–CM. The guidelines clearly define the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as posthospital aftercare.

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

Table 35. Percent distribution of nursing home residents by primary diagnosis at admission by age, sex, and race: United States, 2004

Diagnosis and ICD-9-CM code ¹	All residents	Age ¹					Sex		Race	
		Under 65 years	65 years and older			Male	Female	White	Black	
			Total	65-74 years	75-84 years					85 years and older
All residents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Infectious and parasitic diseases001-139	1.0	*2.4	0.9	*	*1.0	*0.7	*1.4	0.9	0.9	*
Neoplasms140-239	2.0	*2.7	1.9	*2.3	2.4	1.6	2.8	1.7	2.0	*2.1
Malignant neoplasms140-208, 230-234	1.8	*2.0	1.8	*2.3	2.1	1.4	2.6	1.5	1.8	*
Endocrine, nutritional, and metabolic diseases and immunity disorders . . .240-279	5.4	5.5	5.4	7.3	6.1	4.5	4.8	5.7	5.0	8.3
Diabetes mellitus250	3.9	4.6	3.8	6.1	4.5	2.6	3.9	3.8	3.5	6.5
Diseases of the blood and blood-forming groups280-289	0.6	*	0.7	*	*	1.0	*	0.6	0.6	*
Anemias280-285	0.6	*	0.6	*	*	*0.8	*	*0.6	0.5	*
Mental disorders290-319	16.4	18.4	16.1	16.9	15.4	16.3	16.7	16.2	16.4	16.2
Senile dementia or organic brain syndrome290,310	1.4	*	1.4	*	*1.0	1.8	*1.4	1.4	1.4	*
Mental retardation317-319	0.7	*3.0	*0.4	*	*	*	*1.2	0.5	0.7	*
Other mental disorders291-309, 311-316	14.2	14.1	14.2	14.2	13.9	14.4	14.1	14.2	14.3	14.1
Diseases of the nervous system and sense organs320-389	14.0	17.8	13.5	12.3	16.0	12.1	14.4	13.8	14.7	9.3
Alzheimer's disease331.0	8.5	*	9.5	5.4	11.5	9.2	6.4	9.3	9.2	4.5
Parkinson's disease332	1.9	*	2.0	*2.2	2.7	1.5	2.8	1.5	2.1	*
Multiple sclerosis340	0.9	5.0	*0.4	*2.0	*	*	*0.9	0.9	1.0	*
Paralytic syndromes342-344	1.3	6.4	0.6	*	*0.7	*	2.4	0.9	1.0	*2.6
Other diseases of the nervous system and sense organs .320-330, 331.1-331.9, 333-337, 341, 345-389	1.4	4.8	1.0	*	*0.8	*1.0	1.9	1.2	1.4	*
Diseases of the circulatory system390-459	23.7	15.8	24.7	24.9	22.8	26.0	23.6	23.7	22.8	29.7
Essential hypertension401	3.7	*2.2	3.9	*3.2	3.0	4.6	3.2	3.9	3.4	5.7
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	8.3	*2.5	9.1	5.6	7.7	10.9	6.8	8.9	8.6	6.7
Coronary atherosclerosis414.0	*0.4	*	*0.4	*	*	*0.5	*	*0.4	*0.4	*
Cardiac dysrhythmias427	1.1	*	1.3	*	*1.0	1.6	*0.9	1.2	1.1	*
Congestive heart failure428.0	4.3	*	4.7	*3.1	3.5	6.0	3.0	4.8	4.4	*4.0
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	0.9	*	0.9	*	*0.9	1.0	*	0.9	0.9	*
Acute, but ill-defined, cerebrovascular disease436	5.8	5.2	5.9	7.4	5.6	5.6	6.2	5.6	5.4	8.2
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	1.4	*	1.5	*	1.7	1.2	*1.5	1.4	1.3	*2.2
Diseases of the respiratory system460-519	6.7	6.4	6.7	8.6	7.3	5.9	7.1	6.5	6.9	5.4
Pneumonia, all forms480-486	2.6	*	2.8	*2.6	2.4	3.1	2.8	2.5	2.7	*
Chronic obstructive pulmonary disease and allied conditions490-496	2.8	*2.2	2.9	4.2	3.8	2.0	2.8	2.8	3.0	*
Other diseases of the respiratory system460-478, 487, 500-519	1.3	*3.2	1.1	*1.9	*1.1	*0.8	1.5	1.2	1.2	*
Diseases of the digestive system520-579	3.1	*3.7	3.0	*2.9	3.2	2.9	3.5	3.0	3.0	*3.3
Diseases of the genitourinary system580-629	3.4	*4.0	3.4	5.2	3.2	3.0	4.4	3.1	3.3	*4.2
Urinary tract infection580-583, 590, 595, 597, 599.0	1.7	*	1.8	*2.2	1.5	1.9	*1.5	1.8	1.7	*
Diseases of the skin and subcutaneous tissue680-709	1.4	*1.8	1.4	*	1.5	1.4	*1.2	1.5	1.4	*
Decubitus ulcer707.0	*0.4	*	*0.4	*	*	*	*	*0.5	*0.4	*
Diseases of the musculoskeletal system and connective tissue710-739	4.5	*2.6	4.8	3.3	4.3	5.4	3.3	5.0	4.8	*3.1
Rheumatoid arthritis, except spine714	*0.3	*	*0.3	*	*	*	*	*0.4	*0.3	*
Osteoarthritis and allied disorders, except spine715	1.3	*	1.5	*	*1.0	1.9	*0.8	1.5	1.4	*
Other arthropathies and related disorders710-713, 716-719	0.8	*	0.8	*	*0.8	0.8	*0.7	0.8	0.8	*
Osteoporosis733.0	0.5	*	0.5	*	*	*0.8	*	0.6	0.5	*
Symptoms, signs, and ill-defined conditions780-799	5.6	6.6	5.4	5.4	5.8	5.1	5.7	5.5	5.3	7.0
Injury and poisoning ⁴800-999	1.3	4.6	0.9	*	*0.9	*0.8	1.9	1.1	1.3	*
Supplementary classification ⁴V01-V82	9.6	5.0	10.2	6.5	8.4	12.4	6.9	10.7	10.4	*3.8
Posthospital aftercareV42-46, V52, V53.3-V53.7, V54-58	8.8	*3.9	9.5	5.5	7.6	11.9	5.9	10.0	9.7	*2.9

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Age's age at time of interview.

²Other race not shown because diagnoses estimates do not meet standard of reliability.

³Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.

⁴For data years 1995–1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD–9–CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD–9–CM. The guidelines clearly define the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as posthospital aftercare.

NOTE: Percents are based on the unrounded numbers.

Table 36. Number of nursing home residents by primary diagnosis at time of interview by age, sex, and race: United States, 2004

Diagnosis and ICD-9-CM code ¹	All residents	Age ¹					Sex		Race ²	
		Under 65 years	65 years and over				Male	Female	White	Black
			Total	65-74 years	75-84 years	85 years and over				
All residents	1,492,200	174,900	1,317,300	174,100	468,700	674,500	430,500	1,061,700	1,276,000	186,100
Infectious and parasitic diseases001-139	8,400	*	*5,400	*	*	*	*	*5,500	*7,100	*
Neoplasms140-239	33,800	*4,600	29,200	*6,000	11,500	11,600	12,600	21,100	29,200	*
Malignant neoplasms140-208, 230-234	29,700	*3,600	26,100	*4,900	10,600	10,600	12,000	17,700	25,800	*
Endocrine, nutritional, and metabolic diseases and immunity disorders . .240-279	109,900	13,300	96,500	18,600	38,600	39,400	30,600	79,300	87,900	19,700
Diabetes mellitus250	87,600	10,900	76,700	16,600	32,300	27,800	26,700	60,900	67,900	17,600
Diseases of the blood and blood-forming groups280-289	11,400	*	10,500	*	*	*6,000	*4,000	7,500	10,400	*
Anemias280-285	11,000	*	10,100	*	*	*5,900	*4,000	7,000	9,900	*
Mental disorders290-319	327,100	36,500	290,600	34,900	96,700	159,000	87,400	239,700	286,500	35,700
Senile dementia or organic brain syndrome290,310	28,000	*	25,700	*	*5,600	17,200	*6,800	21,300	24,300	*
Mental retardation317-319	11,400	*4,900	6,500	*	*	*	*5,400	6,000	10,000	*
Other mental disorders291-309, 311-316	287,700	29,200	258,500	29,600	87,900	141,000	75,200	212,500	252,200	31,300
Diseases of the nervous system and sense organs320-389	246,200	32,100	214,100	24,400	85,300	104,500	70,200	176,000	223,300	19,500
Alzheimer's disease331.0	156,000	*	153,700	11,300	61,500	80,900	31,900	124,100	144,200	10,500
Parkinson's disease332	34,700	*	33,300	*5,000	14,300	14,000	14,200	20,500	33,700	*
Multiple sclerosis340	13,200	8,600	*4,600	*3,500	*	*	*3,900	9,300	11,900	*
Paralytic syndromes342-344	23,100	12,400	10,600	*2,900	*4,600	*	12,000	11,000	17,100	*4,600
Other diseases of the nervous system and sense organs320-330, 331.1-331.9, 333-337, 341, 345-389	19,200	7,400	11,800	*	*4,100	*6,000	8,200	11,100	16,400	*
Diseases of the circulatory system390-459	373,000	27,600	345,400	39,800	116,800	188,800	104,800	268,200	307,200	58,900
Essential hypertension401	88,800	*5,900	83,000	9,600	25,800	47,600	23,800	65,100	69,500	18,600
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	141,700	*4,900	136,800	9,600	42,800	84,500	34,000	107,700	124,200	15,400
Coronary atherosclerosis414.0	9,700	*	9,300	*	*	*5,600	*	8,000	7,900	*
Cardiac dysrhythmias427	23,800	*	23,800	*	7,200	15,000	*6,100	17,700	21,100	*
Congestive heart failure428.0	70,000	*	68,200	*5,200	19,800	43,300	13,800	56,200	61,400	*7,900
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	11,700	*	10,600	*	*4,100	6,400	*	9,500	10,800	*
Acute, but ill-defined, cerebrovascular disease436	72,100	8,000	64,100	11,600	22,900	29,600	23,000	49,100	57,500	12,700
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	21,100	*	19,200	*	7,600	9,800	*6,100	15,000	16,500	*4,200
Diseases of the respiratory system460-519	74,200	7,700	66,400	11,300	26,100	29,000	22,800	51,400	66,200	*6,500
Pneumonia, all forms480-486	10,300	*	9,600	*	*	*6,100	*3,600	6,600	9,100	*
Chronic obstructive pulmonary disease and allied conditions490-496	53,000	*3,800	49,300	8,900	20,900	19,500	15,400	37,600	48,300	*3,800
Other diseases of the respiratory system460-478, 487, 500-519	10,800	*3,200	7,600	*	*3,200	*3,400	*3,700	7,100	8,800	*
Diseases of the digestive system520-579	29,800	*4,700	25,100	*4,100	9,500	11,500	10,600	19,200	23,100	*5,300
Diseases of the genitourinary system580-629	36,800	7,900	28,900	*7,200	10,700	11,000	16,500	20,200	29,400	*6,100
Urinary tract infection580-583, 590, 595, 597, 599.0	9,900	*	8,600	*	*	*4,500	*	6,800	8,800	*
Diseases of the skin and subcutaneous tissue680-709	14,900	*2,600	12,300	*	*5,200	*5,700	*5,300	9,600	12,600	*
Decubitus ulcer707.0	*5,100	*	*4,300	*	*	*	*	*3,400	*3,900	*
Diseases of the musculoskeletal system and connective tissue710-739	77,600	*5,000	72,600	7,200	22,000	43,400	14,800	62,800	68,600	*7,600
Rheumatoid arthritis, except spine714	*6,100	*	*5,300	*	*	*	*	*4,800	*5,000	*
Osteoarthritis and allied disorders, except spine715	26,800	*	25,900	*	*5,900	17,500	*4,200	22,600	23,600	*
Other arthropathies and related disorders710-713, 716-719	13,300	*	12,400	*	*4,100	6,500	*3,400	9,900	11,600	*
Osteoporosis733.0	15,100	*	14,600	*	*3,300	10,300	*	14,800	13,900	*
Symptoms, signs, and ill-defined conditions780-799	63,500	11,900	51,600	9,800	16,900	24,900	18,800	44,700	50,200	10,200
Injury and poisoning ⁴800-999	54,000	11,100	42,900	*3,500	13,900	25,500	17,000	36,900	49,300	*3,200
Supplementary classification ⁴V01-V82	15,900	*	13,500	*	5,200	6,300	*5,800	10,100	13,100	*
Posthospital aftercareV42-46, V52, V53.3-V53.7, V54-58	8,700	*	7,900	*	*3,200	*3,800	*2,400	6,300	7,800	*

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Age at time of interview.

²Other race not shown because diagnoses estimates do not meet standard of reliability.

³Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.

⁴For data years 1995–1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD–9–CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD–9–CM. The guidelines clearly define the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as posthospital aftercare.

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

Table 37. Percent distribution of nursing home residents by primary diagnosis at time of interview by age, sex, and race: United States, 2004

Diagnosis and ICD-9-CM code ¹	Age ¹									
	All residents	Under 65 years	65 years and over				Sex		Race	
			Total	65-74 years	75-84 years	85 years and over	Male	Female	White	Black
All residents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Infectious and parasitic diseases001-139	0.6	*	*0.4	*	*	*	*	*0.5	*0.6	*
Neoplasms140-239	2.3	*2.6	2.2	*3.4	2.5	1.7	2.9	2.0	2.3	*
Malignant neoplasms140-208, 230-234	2.0	*2.1	2.0	*2.8	2.3	1.6	2.8	1.7	2.0	*
Endocrine, nutritional, and metabolic diseases and immunity disorders . .240-279	7.4	7.6	7.3	10.7	8.2	5.8	7.1	7.5	6.9	10.6
Diabetes mellitus250	5.9	6.2	5.8	9.5	6.9	4.1	6.2	5.7	5.3	9.4
Diseases of the blood and blood-forming groups280-289	0.8	*	0.8	*	*	*0.9	*0.9	0.7	0.8	*
Anemias280-285	0.7	*	0.8	*	*	*0.9	*0.9	0.7	0.8	*
Mental disorders290-319	21.9	20.9	22.1	20.0	20.6	23.6	20.3	22.6	22.5	19.2
Senile dementia or organic brain syndrome290,310	1.9	*	1.9	*	*1.2	2.5	*1.6	2.0	1.9	*
Mental retardation317-319	0.8	*2.8	0.5	*	*	*	*1.3	0.6	0.8	*
Other mental disorders291-309, 311-316	19.3	16.7	19.6	17.0	18.7	20.9	17.5	20.0	19.8	16.8
Diseases of the nervous system and sense organs320-389	16.5	18.4	16.3	14.0	18.2	15.5	16.3	16.6	17.5	10.5
Alzheimer's disease331.0	10.5	*	11.7	6.5	13.1	12.0	7.4	11.7	11.3	5.6
Parkinson's disease332	2.3	*	2.5	*2.9	3.1	2.1	3.3	1.9	2.6	*
Multiple sclerosis340	0.9	4.9	*0.4	*2.0	*	*	*0.9	0.9	0.9	*
Paralytic syndromes342-344	1.5	7.1	0.8	*1.7	*1.0	*	2.8	1.0	1.3	*2.5
Other diseases of the nervous system and sense organs320-330, 331.1-331.9, 333-337, 341, 345-389	1.3	4.2	0.9	*	*0.9	*0.9	1.9	1.0	1.3	*
Diseases of the circulatory system390-459	25.0	15.8	26.2	22.9	24.9	28.0	24.3	25.3	24.1	31.6
Essential hypertension401	6.0	*3.4	6.3	5.5	5.5	7.0	5.5	6.1	5.4	10.0
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	9.5	*2.8	10.4	5.5	9.1	12.5	7.9	10.1	9.7	8.3
Coronary atherosclerosis414.0	0.7	*	0.7	*	*	*0.8	*	0.8	0.6	*
Cardiac dysrhythmias427	1.6	*	1.8	*	1.5	2.2	*1.4	1.7	1.7	*
Congestive heart failure428.0	4.7	*	5.2	*3.0	4.2	6.4	3.2	5.3	4.8	*4.2
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	0.8	*	0.8	*	*0.9	0.9	*	0.9	0.8	*
Acute, but ill-defined, cerebrovascular disease436	4.8	4.6	4.9	6.7	4.9	4.4	5.3	4.6	4.5	6.8
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	1.4	*	1.5	*	1.6	1.5	*1.4	1.4	1.3	*2.3
Diseases of the respiratory system460-519	5.0	4.4	5.0	6.5	5.6	4.3	5.3	4.8	5.2	*3.5
Pneumonia, all forms480-486	0.7	*	0.7	*	*	*0.9	*0.8	0.6	0.7	*
Chronic obstructive pulmonary disease and allied conditions490-496	3.6	*2.2	3.7	5.1	4.5	2.9	3.6	3.5	3.8	*2.1
Other diseases of the respiratory system460-478, 487, 500-519	0.7	*1.8	0.6	*	*0.7	*0.5	*0.9	0.7	0.7	*
Diseases of the digestive system520-579	2.0	*2.7	1.9	*2.4	2.0	1.7	2.5	1.8	1.8	*2.9
Diseases of the genitourinary system580-629	2.5	4.5	2.2	*4.1	2.3	1.6	3.8	1.9	2.3	*3.3
Urinary tract infection580-583, 590, 595, 597, 599.0	0.7	*	0.7	*	*	*0.7	*	0.6	0.7	*
Diseases of the skin and subcutaneous tissue680-709	1.0	*1.5	0.9	*	*1.1	*0.8	*1.2	0.9	1.0	*
Decubitus ulcer707.0	*0.3	*	*0.3	*	*	*	*	*0.3	*0.3	*
Diseases of the musculoskeletal system and connective tissue710-739	5.2	*2.9	5.5	4.1	4.7	6.4	3.4	5.9	5.4	*4.1
Rheumatoid arthritis, except spine714	*0.4	*	*0.4	*	*	*	*	*0.4	*0.4	*
Osteoarthritis and allied disorders, except spine715	1.8	*	2.0	*	*1.3	2.6	*1.0	2.1	1.9	*
Other arthropathies and related disorders710-713, 716-719	0.9	*	0.9	*	*0.9	1.0	*0.8	0.9	0.9	*
Osteoporosis733.0	1.0	*	1.1	*	*0.7	1.5	*	1.4	1.1	*
Symptoms, signs, and ill-defined conditions780-799	4.3	6.8	3.9	5.6	3.6	3.7	4.4	4.2	3.9	5.5
Injury and poisoning ⁴800-999	3.6	6.3	3.3	*2.0	2.9	3.8	4.0	3.5	3.9	*1.7
Supplementary classification ⁴V01-V82	1.1	*	1.0	*	1.1	0.9	*1.3	0.9	1.0	*
Posthospital aftercareV42-46, V52, V53.3-V53.7, V54-58	0.6	*	0.6	*	*0.7	*0.6	*0.6	0.6	0.6	*

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Age at time of interview.

²Other race not shown because diagnoses estimates do not meet standard of reliability.

³Based on the *International Classification of Diseases, 9th Revision, Clinical Modification*.

⁴For data years 1995–1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD–9–CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD–9–CM. The guidelines clearly defined the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as posthospital aftercare.

NOTE: Percents are based on the unrounded numbers.

Table 38. Number and percent distribution of nursing home residents by length of time since admission (in days) according to primary diagnosis at time of admission and mean and median length of time since admission (in days): United States, 2004

Diagnosis and ICD-9-CM code ¹	Length of time since admission (in days)							Mean length of time in days	Median length of time in days
	All residents	Total	Less than 6 months	6 months to less than 1 year	1 year to less than 3 years	3 years or more			
	Number	Percent distribution							
Total	1,492,200	100.0	29.8	14.3	30.3	25.6	835	463	
Infectious and parasitic diseases001-139	15,400	100.0	*45.1	*	*	*	572	188	
Neoplasms140-239	30,300	100.0	54.8	*	20.0	*14.4	484	142	
Malignant neoplasms140-208, 230-234	26,700	100.0	56.3	*	1492200.0	*	456	140	
Endocrine, nutritional, and metabolic diseases and immunity disorders . .240-279	81,000	100.0	21.6	16.4	34.4	27.7	810	515	
Diabetes mellitus250	57,500	100.0	18.6	16.5	36.1	28.8	819	584	
Diseases of the blood and blood-forming groups280-289	9,200	100.0	*	*	*31.9	*	579	308	
Anemias280-285	8,300	100.0	*	*	*	*	617	338	
Mental disorders290-319	244,000	100.0	20.3	13.0	32.7	34.0	1,143	692	
Senile dementia or organic brain syndrome290,310	21,000	100.0	*16.8	*	36.4	37.2	1,290	818	
Mental retardation317-319	10,900	100.0	*	*	*23.1	62.7	3,233	2,059	
Other mental disorders291-309, 311-316	212,100	100.0	21.4	13.6	32.8	32.2	1,021	645	
Diseases of the nervous system and sense organs320-389	208,700	100.0	18.7	13.9	33.2	34.3	1,094	659	
Alzheimer's disease331.0	126,600	100.0	17.9	14.3	36.5	31.4	944	639	
Parkinson's disease332	27,700	100.0	*18.6	*18.3	41.0	22.1	797	528	
Multiple sclerosis340	13,900	100.0	*	*	*	*49.0	1,634	996	
Paralytic syndromes342-344	19,300	100.0	*22.5	*	*22.9	45.2	1,655	814	
Other diseases of the nervous system and sense organs320-330, 331.1-331.9, 333-337, 341, 345-389	21,200	100.0	*18.9	*	*21.7	47.8	1,514	994	
Diseases of the circulatory system390-459	353,100	100.0	29.1	13.9	31.8	25.2	805	481	
Essential hypertension401	54,600	100.0	21.6	14.6	33.2	30.6	920	614	
Heart disease391-392.0, 393-398, 402, 404, 410-416, 420-429	123,700	100.0	33.7	15.3	30.6	20.4	672	377	
Coronary atherosclerosis414.0	*5,300	*100.0	*	*	*	*	*790	*483	
Cardiac dysrhythmias427	16,700	100.0	*32.3	*	*29.9	*	611	337	
Congestive heart failure428.0	63,800	100.0	35.7	14.4	32.1	17.9	598	359	
Other heart disease391-392.0, 393-398, 415-416, 420-426, 428.1-429	12,700	100.0	*29.5	*	*31.3	*	1,045	445	
Acute, but ill-defined, cerebrovascular disease436	86,400	100.0	26.7	12.2	32.5	28.6	916	578	
Other diseases of the circulatory system390, 392.9, 403, 405, 417, 440-459	21,100	100.0	43.6	*	*23.2	*20.8	645	263	
Diseases of the respiratory system460-519	100,000	100.0	37.3	19.3	26.1	17.3	577	282	
Pneumonia, all forms480-486	38,200	100.0	40.5	23.2	23.7	*12.6	476	227	
Chronic obstructive pulmonary disease and allied conditions490-496	42,200	100.0	33.4	*16.4	30.1	20.1	661	365	
Other diseases of the respiratory system460-478, 487, 500-519	19,600	100.0	39.5	*	*22	*	592	248	
Diseases of the digestive system520-579	46,300	100.0	36.1	*13.7	29.6	20.7	669	375	
Diseases of the genitourinary system580-629	51,300	100.0	42.6	17.1	26.7	*13.7	529	255	
Urinary tract infection580-583, 590, 595, 597, 599.0	25,300	100.0	42.2	*16.3	*23.6	*17.9	620	253	
Diseases of the skin and subcutaneous tissue680-709	21,000	100.0	40.7	*	*32.3	*	562	313	
Decubitus ulcer707.0	*6,500	100.0	*	*	*	*	*599	*332	
Diseases of the musculoskeletal system and connective tissue710-739	67,200	100.0	34.5	10.8	26.4	28.2	839	476	
Rheumatoid arthritis, except spine714	*4,500	100.0	*	*	*	*	*1,219	*744	
Osteoarthritis and allied disorders, except spine715	19,700	100.0	*27.3	*	*31.6	*33.5	963	689	
Other arthropathies and related disorders710-713, 716-719	11,800	100.0	42.3	*	*	*	746	329	
Osteoporosis733.0	7,300	100.0	*	*	*	*	1,044	836	
Symptoms, signs, and ill-defined conditions780-799	82,900	100.0	37.2	15.8	29.2	17.9	659	326	
Injury and poisoning ²800-999	19,700	100.0	37.2	*	*22.3	*32.3	1,132	442	
Supplementary classification ²V01-V82	142,900	100.0	39.8	15.0	27.0	18.2	595	295	
Posthospital aftercareV42-46, V52, V53.3-V53.7, V54-58	132,000	100.0	40.3	15.1	26.8	17.7	594	288	

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

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

²For data years 1995–1999 of the National Nursing Home Survey (NNHS), the Injury and Poisoning Chapter of the ICD–9–CM classified fractures in 800 codes as a primary diagnostic condition. Effective October 1999, New Long Term Care coding guidelines were issued by the Cooperating Parties of Coding Clinic for ICD–9–CM. The guidelines clearly define the assignment of the resident's reason for being admitted to LTC facilities. As a result, fractures are now classified in the Supplementary Classification Chapter in V Codes as posthospital aftercare.

NOTES: Numbers may not add to totals because of rounding. Percents and length of service are based on the unrounded numbers.

Table 39. Number and percent distribution of nursing home residents by number of medications taken and selected resident characteristics: United States, 2004

Characteristic	Medications ^{1,2}							
	All residents		1–4 medications		5–8 medications		9 or more medications	
	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution	Number	Percent distribution
All residents	1,492,200	100.0	195,200	13.1	552,900	37.1	715,000	47.9
Age ³								
Under 65 years	174,900	100.0	21,700	12.4	63,100	36.1	85,100	48.7
65 years and over	1,317,300	100.0	173,500	13.2	489,800	37.2	629,900	47.8
65 to 74 years	174,100	100.0	17,800	10.3	61,200	35.1	92,500	53.1
75 to 84 years	468,700	100.0	52,500	11.2	163,300	34.8	243,500	51.9
85 years and over	674,500	100.0	103,200	15.3	265,300	39.3	294,000	43.6
Sex								
Male	430,500	100.0	56,700	13.2	160,200	37.2	202,800	47.1
Female	1,061,700	100.0	138,500	13.0	392,700	37.0	512,200	48.2
Race								
White	1,276,000	100.0	167,100	13.1	464,700	36.4	620,800	48.7
Black	186,100	100.0	23,100	12.4	73,100	39.3	84,800	45.6
Other ⁴	30,100	100.0	*5,000	*16.5	15,100	50.3	9,400	31.2
Hispanic or Latino origin								
Hispanic or Latino	57,200	100.0	*7,200	*12.6	24,500	42.9	24,900	43.5
Not Hispanic or Latino	1,427,400	100.0	186,300	13.1	526,100	36.9	687,100	48.1

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Medications include only those medicines taken the day before interview. Medications include those prescribed by a physician, over-the-counter drugs, nutritional, herbal, vitamin, and mineral supplements, and unknowns.

²Residents with no medications and residents for whom medications are unknown are not shown because estimates do not meet standard of reliability.

³Age at time of interview.

⁴Other race includes Asian, Native Hawaiian or other Pacific Islander, American Indian or Alaska Native, and multiple races. Persons of Hispanic origin may be of any race. Starting with data year 1999, race-specific estimates have been tabulated according to the 1997 Standards for Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. However, only a small number of records had multiple races. However, only a small number of records had multiple races.

NOTES:

Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 40. Number and percent distribution of nursing home residents by pneumococcal vaccination status according to age, sex, and race: United States, 2004

Pneumococcal vaccination status	Age ¹										
	All residents	Under 65 years	65 years and over				Sex		Race		
			Total	65-74 years	75-84 years	85 years and over	Male	Female	White	Black	Other ²
	Number										
All residents	1,492,200	174,900	1,317,300	174,100	468,700	674,500	430,500	1,061,700	1,276,000	186,100	30,100
Vaccinated	678,000	66,300	611,700	72,900	208,400	330,300	182,600	495,300	599,500	63,200	15,300
At facility	499,700	54,900	444,900	58,000	149,200	237,700	134,300	365,400	434,100	54,300	11,400
Before admitted to facility	178,200	11,500	166,800	14,900	59,200	92,600	48,300	129,900	165,400	8,900	*4,000
Not vaccinated	549,400	74,900	474,500	68,500	175,800	230,200	168,500	380,900	461,100	79,300	9,000
No record	131,800	19,800	112,000	16,300	41,400	54,300	39,400	92,400	105,100	23,800	*
Medically contraindicated	*4,000	*	*3,400	*	*	*	*	*3,000	*3,500	*	*
Refused	84,000	10,700	73,300	9,900	25,600	37,800	25,200	58,900	76,900	*6,700	*
Other reason	76,800	10,900	65,900	9,000	26,100	30,800	26,200	50,600	65,000	11,000	*
Unknown reason	252,800	32,900	219,900	33,100	81,600	105,200	76,800	176,000	210,600	37,400	*4,800
Unknown if vaccinated	264,800	33,700	231,100	32,700	84,500	113,900	79,300	185,500	215,300	43,600	*5,800
	Percent distribution										
All residents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vaccinated	45.4	37.9	46.4	41.9	44.5	49.0	42.4	46.7	47.0	34.0	50.7
At facility	33.5	31.3	33.8	33.3	31.8	35.3	31.2	34.4	34.0	29.2	37.8
Before admitted to facility	11.9	6.5	12.7	8.6	12.6	13.7	11.2	12.2	13.0	4.8	*12.9
Not vaccinated	36.8	42.8	36.0	39.3	37.5	34.1	39.1	35.9	36.1	42.6	29.9
No record	8.8	11.3	8.5	9.3	8.8	8.0	9.2	8.7	8.2	12.8	*
Medically contraindicated	*0.3	*	*0.3	*	*	*	*	*0.3	*0.3	*	*
Refused	5.6	6.1	5.6	5.7	5.5	5.6	5.8	5.5	6.0	*3.6	*
Other reason	5.1	6.2	5.0	5.2	5.6	4.6	6.1	4.8	5.1	5.9	*
Unknown reason	16.9	18.8	16.7	19.0	17.4	15.6	17.8	16.6	16.5	20.1	*16.0
Unknown if vaccinated	17.7	19.3	17.5	18.8	18.1	16.9	18.4	17.5	16.9	23.5	*19.4

* Estimate does not meet standard of reliability or precision because the sample size is less than 30. Estimates accompanied by an asterisk (*) indicate that the sample size is between 30 and 59, or the sample size is greater than 59, but has a relative standard error of 30 percent or more.

¹Age at time of interview.

²Other race includes Asian, Native Hawaiian or other Pacific Islander, American Indian or Alaska Native and multiple races. Persons of Hispanic origin may be of any race. Starting with data year 1999, race-specific estimates have been tabulated according to the 1997 Standards for Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. However, only a small number of records had multiple races.

NOTES: Numbers may not add to totals because of rounding. Percents are based on the unrounded numbers.

Table 41. Number and percent distribution of nursing home residents by influenza vaccination status according to age, sex, and race: United States, 2004

Influenza vaccination status	Age ¹										
	All residents	Under 65 years	65 years and over			Sex		Race			Other ²
			Total	65–74 years	75–84 years	85 years and over	Male	Female	White	Black	
	Number										
All residents	1,492,200	174,900	1,317,300	174,100	468,700	674,500	430,500	1,061,700	1,276,000	186,100	30,100
Vaccinated	939,100	99,800	839,300	102,500	290,900	445,900	255,300	683,700	816,400	102,400	20,200
At facility	871,300	95,500	775,900	94,700	265,900	415,300	235,200	636,100	754,900	98,300	18,100
Before admitted to facility	67,700	*4,300	63,400	7,800	25,000	30,600	20,100	47,600	61,500	*4,200	*
Not vaccinated	444,900	61,300	383,600	56,900	145,300	181,400	140,700	304,200	373,600	63,500	7,800
No record	40,000	*5,400	34,600	*6,700	12,600	15,300	12,300	27,700	33,100	*6,600	*
Medically contraindicated	7,500	*	7,500	*	*	*4,500	*	6,400	6,800	*	*
Refused	79,400	10,900	68,500	10,200	24,300	34,100	23,600	55,800	69,500	8,800	*
Other reason	66,400	9,700	56,700	8,800	19,800	28,000	22,900	43,500	51,500	13,300	*
Unknown reason	80,400	12,800	67,600	11,200	23,300	33,100	24,000	56,400	62,600	16,100	*
Not in facility during recent flu season	171,200	22,500	148,700	19,500	62,800	66,400	56,800	114,400	150,200	17,900	*3,100
Unknown if vaccinated	108,200	13,800	94,400	14,700	32,500	47,200	34,500	73,800	85,900	20,200	*
	Percent distribution										
All residents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vaccinated	62.9	57.0	63.7	58.9	62.0	66.1	59.3	64.4	64.0	55.0	67.1
At facility	58.4	54.5	58.9	54.4	56.7	61.6	54.6	59.9	59.2	52.8	60.1
Before admitted to facility	4.5	*2.5	4.8	4.5	5.3	4.5	4.7	4.5	4.8	*2.2	*
Not vaccinated	29.8	35.0	29.1	32.7	31.0	26.9	32.7	28.7	29.3	34.1	26.0
No record	2.7	*3.1	2.6	*3.8	2.7	2.3	2.9	2.6	2.6	*3.5	*
Medically contraindicated	0.5	*	0.6	*	*	*0.7	*	0.6	0.5	*	*
Refused	5.3	6.2	5.2	5.8	5.2	5.1	5.5	5.3	5.4	4.7	*
Other reason	4.4	5.5	4.3	5.1	4.2	4.2	5.3	4.1	4.0	7.2	*
Unknown reason	5.4	7.3	5.1	6.4	5.0	4.9	5.6	5.3	4.9	8.6	*
Not in facility during recent flu season	11.5	12.9	11.3	11.2	13.4	9.9	13.2	10.8	11.8	9.6	*10.3
Unknown if vaccinated	7.3	8.0	7.2	8.5	7.0	7.0	8.0	6.9	6.7	10.9	*

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