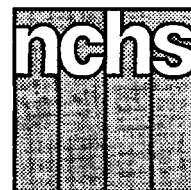


Advance Data



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

Urban and Rural Classification of National Health Provider Inventory Providers: United States, 1991

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Highlights

This report presents information from the National Health Provider Inventory (NHPI) on the numbers of home health care agencies, hospices, nursing homes, and board and care homes classified according to their location. These data are provided to aid in studies of the differential availability

and use of health care. Table 1 compares the total numbers of providers according to an urban-rural continuum. Subsequent tables compare the total numbers of providers in urban and rural locations within Census Divisions (table 2) and within States (tables 3-5).

Previous inventories conducted by the National Center for Health Statistics (NCHS) included health providers such

as hospitals, homes for the blind, deaf, mentally retarded, and emotionally disturbed in addition to nursing homes and board and care homes. The 1991 inventory includes nursing homes, board and care homes, plus two providers, home health care agencies, and hospices, the large majority of whom care for patients in an outpatient setting, the home (1).

Table 1. Number and percent of home health agencies, hospices, nursing homes, and board and care homes by rural-urban continuum codes: United States, 1991

Rural-urban continuum codes for metropolitan and nonmetropolitan counties	Total		Home health care agencies		Hospices		Nursing homes		Board and care homes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	41,492	100.0	6,846	16.5	946	2.3	15,487	37.3	18,213	43.9
Metropolitan counties:										
Central counties of 1 million population or more	14,403	100.0	2,098	14.6	253	1.8	4,791	33.3	7,261	50.4
Fringe counties of 1 million population or more	1,503	100.0	218	14.5	43	2.9	621	41.3	621	41.3
Counties of 250,000 to 1 million population	9,027	100.0	1,409	15.6	176	1.9	3,071	34.0	4,371	48.4
Counties of fewer than 250,000 population	3,615	100.0	613	17.0	106	2.9	1,374	38.0	1,522	42.1
Nonmetropolitan counties:										
Urban population of 20,000 or more, adjacent to a metropolitan area	1,943	100.0	315	16.2	60	3.1	762	39.2	806	41.5
Urban population of 20,000 or more, not adjacent to a metropolitan area	1,345	100.0	245	18.2	66	4.9	539	40.1	495	36.8
Urban population of 2,500 19,000, adjacent to a metropolitan area	4,013	100.0	719	17.9	100	2.5	1,767	44.0	1,427	35.6
Urban population of 2,500 19,000, not adjacent to a metropolitan area	3,663	100.0	781	21.3	107	2.9	1,620	44.2	1,155	31.5
Completely rural or fewer than 2,500 urban population, adjacent to a metropolitan area	702	100.0	139	19.8	6	0.9	338	48.1	219	31.2
Completely rural or fewer than 2,500 urban population, not adjacent to a metropolitan area	1,278	100.0	309	24.2	29	2.3	604	47.3	336	26.3

NOTES: Excludes board and care homes for the mentally retarded. Excludes nonresponding board and care homes. A total of 85 places could not be coded urban/rural.



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



Table 2. Number and percent distribution of home health agencies, hospices, nursing homes, and board and care homes in urban and rural locations by Census Division: United States, 1991

Division	Total		Home health care agencies		Hospices		Nursing homes		Board and care homes	
	Number	Percent distribution	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All locations	41,577	100.0	6,853	16.5	951	2.3	15,511	37.3	18,262	43.9
New England	2,666	100.0	433	16.2	75	2.8	1,188	44.6	970	36.4
Middle Atlantic	4,734	100.0	838	17.7	82	1.7	1,604	33.9	2,210	46.7
East North Central	7,209	100.0	1,062	14.7	182	2.5	3,147	43.7	2,818	39.1
West North Central	4,469	100.0	902	20.2	111	2.5	2,269	50.8	1,187	26.6
South Atlantic	6,819	100.0	1,129	16.6	184	2.7	1,968	28.9	3,538	51.9
East South Central	2,465	100.0	617	25.0	50	2.0	946	38.4	852	34.6
West South Central	3,389	100.0	945	27.9	77	2.3	1,966	58.0	401	11.8
Mountain	2,035	100.0	414	20.3	69	3.4	703	34.5	849	41.7
Pacific	7,791	100.0	513	6.6	121	1.6	1,720	22.1	5,437	69.8
Urban locations	31,836	100.0	4,898	15.4	704	2.2	11,158	35.0	15,076	47.4
New England	2,271	100.0	390	17.2	56	2.5	1,068	47.0	757	33.3
Middle Atlantic	4,269	100.0	776	18.2	76	1.8	1,469	34.4	1,948	45.6
East North Central	5,437	100.0	802	14.8	126	2.3	2,364	43.5	2,145	39.5
West North Central	2,128	100.0	377	17.7	58	2.7	1,004	47.2	689	32.4
South Atlantic	5,244	100.0	854	16.3	144	2.7	1,479	28.2	2,767	52.8
East South Central	1,430	100.0	333	23.3	35	2.4	512	35.8	550	38.5
West South Central	2,202	100.0	637	28.9	61	2.8	1,186	53.9	318	14.4
Mountain	1,445	100.0	263	18.2	40	2.8	457	31.6	685	47.4
Pacific	7,410	100.0	466	6.3	108	1.5	1,619	21.8	5,217	70.4
Rural locations	9,656	100.0	1,948	20.2	242	2.5	4,329	44.8	3,137	32.5
New England	382	100.0	43	11.3	19	5.0	116	30.4	204	53.4
Middle Atlantic	452	100.0	62	13.7	6	1.3	131	29.0	253	56.0
East North Central	1,766	100.0	259	14.7	56	3.2	782	44.3	669	37.9
West North Central	2,334	100.0	524	22.5	53	2.3	1,263	54.1	494	21.2
South Atlantic	1,562	100.0	273	17.5	37	2.4	487	31.2	765	49.0
East South Central	1,027	100.0	282	27.5	15	1.5	431	42.0	299	29.1
West South Central	1,184	100.0	308	26.0	16	1.4	777	65.6	83	7.0
Mountain	587	100.0	151	25.7	29	4.9	244	41.6	163	27.8
Pacific	362	100.0	46	12.7	11	3.0	98	27.1	207	57.2

NOTES: Excludes board and care homes for the mentally retarded. Excludes nonresponding board and care homes. A total of 85 places could not be coded urban/rural.

There were 18,262 board and care homes, 15,511 nursing homes, 6,853 home health care agencies, and 951 hospices in the United States in 1991 (table 2). Of the 31,836 providers in urban locations, 47 percent were board and care homes, 35 percent were nursing homes, 15 percent were home health care agencies, and 2 percent were hospices. In rural locations the distribution differed: 45 percent of the 9,656 providers were nursing homes, 33 percent were board and care homes, 20 percent were home health care agencies, and 3 percent were hospices.

The majority of patients served by the NHPI providers were elderly. Approximately 75 percent of home health care agency and hospice clients, 92 percent of nursing home patients, and 68 percent of board and care home residents were 65 years and over (2,3). These percentages were found to hold

on the divisional level for all providers (4), and on the State level for most nursing homes and board and care homes (tables 6–7).

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Table 3. Number and percent distribution of home health care agencies, hospices, nursing homes, and board and care homes by State: United States, 1991

State	Total		Home health care agencies		Hospices		Nursing homes		Board and care homes	
	Number	Percent distribution	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	41,577	100.0	6,853	16.5	951	2.3	15,511	37.3	18,262	43.9
Alabama	561	100.0	127	22.6	19	3.4	214	38.1	201	35.8
Alaska	48	100.0	10	20.8	5	10.4	18	37.5	15	31.3
Arizona	417	100.0	71	17.0	9	2.2	120	28.8	217	52.0
Arkansas	446	100.0	133	29.8	11	2.5	225	50.4	77	17.3
California	5,316	100.0	333	6.3	83	1.6	1,178	22.2	3,722	70.0
Colorado	515	100.0	101	19.6	19	3.7	191	37.1	204	39.6
Connecticut	482	100.0	110	22.8	9	1.9	244	50.6	119	24.7
Delaware	141	100.0	19	13.5	3	2.1	47	33.3	72	51.1
District of Columbia	144	100.0	18	12.5	3	2.1	18	12.5	105	72.9
Florida	2,103	100.0	413	19.6	34	1.6	552	26.2	1,104	52.5
Georgia	935	100.0	70	7.5	18	1.9	342	36.6	505	54.0
Hawaii	380	100.0	18	4.7	8	2.1	54	14.2	300	78.9
Idaho	199	100.0	26	13.1	14	7.0	71	35.7	88	44.2
Illinois	1,267	100.0	309	24.4	49	3.9	813	64.2	96	7.6
Indiana	744	100.0	150	20.2	13	1.7	531	71.4	50	6.7
Iowa	767	100.0	155	20.2	25	3.3	459	59.8	128	16.7
Kansas	698	100.0	153	21.9	23	3.3	386	55.3	136	19.5
Kentucky	728	100.0	112	15.4	19	2.6	287	39.4	310	42.6
Louisiana	561	100.0	180	32.1	11	2.0	319	56.9	51	9.1
Maine	403	100.0	35	8.7	15	3.7	138	34.2	215	53.3
Maryland	580	100.0	96	16.6	25	4.3	219	37.8	240	41.4
Massachusetts	1,063	100.0	166	15.6	26	2.4	560	52.7	311	29.3
Michigan	2,497	100.0	196	7.8	57	2.3	495	19.8	1,749	70.0
Minnesota	1,022	100.0	196	19.2	33	3.2	451	44.1	342	33.5
Mississippi	355	100.0	116	32.7	1	0.3	160	45.1	78	22.0
Missouri	1,115	100.0	173	15.5	15	1.3	535	48.0	392	35.2
Montana	225	100.0	49	21.8	12	5.3	98	43.6	66	29.3
Nebraska	395	100.0	75	19.0	6	1.5	229	58.0	85	21.5
Nevada	138	100.0	28	20.3	2	1.4	34	24.6	74	53.6
New Hampshire	295	100.0	60	20.3	13	4.4	87	29.5	135	45.8
New Jersey	762	100.0	111	14.6	19	2.5	319	41.9	313	41.1
New Mexico	250	100.0	45	18.0	3	1.2	68	27.2	134	53.6
New York	1,904	100.0	410	21.5	35	1.8	595	31.3	864	45.4
North Carolina	1,210	100.0	155	12.8	48	4.0	309	25.5	698	57.7
North Dakota	200	100.0	70	35.0	2	1.0	85	42.5	43	21.5
Ohio	1,570	100.0	252	16.1	39	2.5	877	55.9	402	25.6
Oklahoma	532	100.0	75	14.1	13	2.4	389	73.1	55	10.3
Oregon	1,203	100.0	71	5.9	14	1.2	191	15.9	927	77.1
Pennsylvania	2,068	100.0	317	15.3	28	1.4	690	33.4	1,033	50.0
Rhode Island	204	100.0	43	21.1	5	2.5	104	51.0	52	25.5
South Carolina	506	100.0	101	20.0	13	2.6	140	27.7	252	49.8
South Dakota	272	100.0	80	29.4	7	2.6	124	45.6	61	22.4
Tennessee	821	100.0	262	31.9	11	1.3	285	34.7	263	32.0
Texas	1,850	100.0	557	30.1	42	2.3	1,033	55.8	218	11.8
Utah	193	100.0	53	27.5	4	2.1	90	46.6	46	23.8
Vermont	219	100.0	19	8.7	7	3.2	55	25.1	138	63.0
Virginia	788	100.0	193	24.5	28	3.6	227	28.8	340	43.1
Washington	844	100.0	81	9.6	11	1.3	279	33.1	473	56.0
West Virginia	412	100.0	64	15.5	12	2.9	114	27.7	222	53.9
Wisconsin	1,131	100.0	155	13.7	24	2.1	431	38.1	521	46.1
Wyoming	98	100.0	41	41.8	6	6.1	31	31.6	20	20.4

NOTES: Excludes board and care homes for the mentally retarded. Excludes a percentage of nonresponding board and care homes.

Table 4. Number and percent of home health agencies, hospices, nursing homes, and board and care homes in urban areas: United States, 1991

State	Total		Home health care agencies		Hospices		Nursing homes		Board and care homes	
	Number	Percent distribution	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	31,836	100.0	4,898	15.4	704	2.2	11,158	35.0	15,076	47.4
Alabama	386	100.0	72	18.7	14	3.6	141	36.5	159	41.2
Alaska	27	100.0	6	22.2	2	7.4	9	33.3	10	37.0
Arizona	411	100.0	70	17.0	9	2.2	117	28.5	215	52.3
Arkansas	200	100.0	39	19.5	6	3.0	104	52.0	51	25.5
California	5,187	100.0	320	6.2	75	1.4	1,151	22.2	3,641	70.2
Colorado	374	100.0	69	18.4	10	2.7	129	34.5	166	44.4
Connecticut	480	100.0	110	22.9	9	1.9	244	50.8	117	24.4
Delaware	104	100.0	12	11.5	2	1.9	33	31.7	57	54.8
District of Columbia	144	100.0	18	12.5	3	2.1	18	12.5	105	72.9
Florida	1,963	100.0	377	19.2	33	1.7	515	26.2	1,038	52.9
Georgia	582	100.0	41	7.0	16	2.7	186	32.0	339	58.2
Hawaii	377	100.0	18	4.8	8	2.1	54	14.3	297	78.8
Idaho	111	100.0	15	13.5	8	7.2	31	27.9	57	51.4
Illinois	962	100.0	250	26	39	4.1	593	61.6	80	8.3
Indiana	527	100.0	103	19.5	12	2.3	373	70.8	39	7.4
Iowa	298	100.0	56	18.8	9	3.0	177	59.4	56	18.8
Kansas	351	100.0	74	21.1	14	4.0	159	45.3	104	29.6
Kentucky	328	100.0	48	14.6	11	3.4	125	38.1	144	43.9
Louisiana	412	100.0	134	32.5	9	2.2	223	54.1	46	11.2
Maine	275	100.0	25	9.1	9	3.3	89	32.4	152	55.3
Maryland	532	100.0	84	15.8	23	4.3	199	37.4	226	42.5
Massachusetts	1,053	100.0	164	15.6	24	2.3	557	52.9	308	29.2
Michigan	1,810	100.0	135	7.5	27	1.5	378	20.9	1,270	70.2
Minnesota	578	100.0	98	17.0	13	2.2	242	41.9	225	38.9
Mississippi	172	100.0	42	24.4	1	0.6	68	39.5	61	35.5
Missouri	615	100.0	95	15.4	11	1.8	291	47.3	218	35.4
Montana	88	100.0	12	13.6	4	4.5	30	34.1	42	47.7
Nebraska	175	100.0	31	17.7	5	2.9	85	48.6	54	30.9
Nevada	117	100.0	21	17.9	2	1.7	25	21.4	69	59.0
New Hampshire	217	100.0	45	20.7	9	4.1	66	30.4	97	44.7
New Jersey	750	100.0	111	14.8	19	2.5	315	42.0	305	40.7
New Mexico	168	100.0	30	17.9	3	1.8	47	28.0	88	52.4
New York	1,751	100.0	383	21.9	33	1.9	555	31.7	780	44.5
North Carolina	786	100.0	95	12.1	28	3.6	208	26.5	455	57.9
North Dakota	49	100.0	13	26.5	2	4.1	20	40.8	14	28.6
Ohio	1,367	100.0	214	15.7	31	2.3	750	54.9	372	27.2
Oklahoma	277	100.0	43	15.5	11	4.0	197	71.1	26	9.4
Oregon	1,056	100.0	49	4.6	13	1.2	163	15.4	831	78.7
Pennsylvania	1,768	100.0	282	16.0	24	1.4	599	33.9	863	48.8
Rhode Island	199	100.0	43	21.6	5	2.5	101	50.8	50	25.1
South Carolina	377	100.0	67	17.8	9	2.4	102	27.1	199	52.8
South Dakota	62	100.0	10	16.1	4	6.5	30	48.4	18	29.0
Tennessee	544	100.0	171	31.4	9	1.7	178	32.7	186	34.2
Texas	1,313	100.0	421	32.1	35	2.7	662	50.4	195	14.9
Utah	146	100.0	32	21.9	2	1.4	70	47.9	42	28.8
Vermont	47	100.0	3	6.4	11	23.4	33	70.2	-	-
Virginia	547	100.0	126	23.0	21	3.8	159	29.1	241	44.1
Washington	763	100.0	73	9.6	10	1.3	242	31.7	438	57.4
West Virginia	209	100.0	34	16.3	9	4.3	59	28.2	107	51.2
Wisconsin	771	100.0	100	13.0	17	2.2	270	35.0	384	49.8
Wyoming	30	100.0	14	46.7	2	6.7	8	26.7	6	20.0

NOTES: Excludes board and care homes for the mentally retarded. Excludes nonresponding board and care homes. A total of 85 places could not be coded urban/rural.

Table 5. Number and percent of home health agencies, hospices, nursing homes, and board and care homes in rural areas: United States, 1991

State	Total		Home health care agencies		Hospices		Nursing homes		Board and care homes	
	Number	Percent distribution	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	9,656	100.0	1,948	20.2	242	2.5	4,329	44.8	3,137	32.5
Alabama	167	100.0	53	31.7	5	3.0	70	41.9	39	23.4
Alaska	17	100.0	3	17.6	1	5.9	9	52.9	4	23.5
Arizona	5	100.0	1	20.0	2	40.0	2	40.0	-	-
Arkansas	246	100.0	94	38.2	5	2.0	121	49.2	26	10.6
California	124	100.0	13	10.5	8	6.5	25	20.2	78	62.9
Colorado	140	100.0	32	22.9	9	6.4	62	44.3	37	26.4
Connecticut . . . . .	...	...	...	...	...	...	...	...	...	...
Delaware	36	100.0	7	19.4	1	2.8	13	36.1	15	41.7
District of Columbia . . . . .	...	...	...	...	...	...	...	...	...	...
Florida	137	100.0	36	26.3	1	0.7	37	27.0	63	46.0
Georgia	351	100.0	28	8.0	2	0.6	155	44.2	166	47.3
Hawaii . . . . .	...	...	...	...	...	...	...	...	...	...
Idaho	88	100.0	11	12.5	6	6.8	40	45.5	31	35.2
Illinois	305	100.0	59	19.3	10	3.3	220	72.1	16	5.2
Indiana	217	100.0	47	21.7	1	0.5	158	72.8	11	5.1
Iowa	466	100.0	99	21.2	16	3.4	281	60.3	70	15.0
Kansas	345	100.0	78	22.6	9	2.6	227	65.8	31	9.0
Kentucky	400	100.0	64	16.0	8	2.0	162	40.5	166	41.5
Louisiana	149	100.0	46	30.9	2	1.3	96	64.4	5	3.4
Maine	126	100.0	10	7.9	6	4.8	49	38.9	61	48.4
Maryland	47	100.0	12	25.5	2	4.3	20	42.6	13	27.7
Massachusetts . . . . .	...	...	...	...	...	...	...	...	...	...
Michigan	682	100.0	60	8.8	30	4.4	117	17.2	475	69.6
Minnesota	444	100.0	98	22.1	20	4.5	209	47.1	117	26.4
Mississippi	183	100.0	74	40.4	92	50.3	17	9.3	-	-
Missouri	498	100.0	78	15.7	4	0.8	243	48.8	173	34.7
Montana	137	100.0	37	27.0	8	5.8	68	49.6	24	17.5
Nebraska	220	100.0	44	20.0	1	0.5	144	65.5	31	14.1
Nevada	21	100.0	7	33.3	9	42.9	5	23.8	-	-
New Hampshire	78	100.0	15	19.2	4	5.1	21	26.9	38	48.7
New Jersey . . . . .	...	...	...	...	...	...	...	...	...	...
New Mexico	82	100.0	15	18.3	21	25.6	46	56.1	-	-
New York	153	100.0	27	17.6	2	1.3	40	26.1	84	54.9
North Carolina	424	100.0	60	14.2	20	4.7	101	23.8	243	57.3
North Dakota	151	100.0	57	37.7	65	43.0	29	19.2	-	-
Ohio	203	100.0	38	18.7	8	3.9	127	62.6	30	14.8
Oklahoma	255	100.0	32	12.5	2	0.8	192	75.3	29	11.4
Oregon	144	100.0	22	15.3	1	0.7	28	19.4	93	64.6
Pennsylvania	299	100.0	35	11.7	4	1.3	91	30.4	169	56.5
Rhode Island . . . . .	...	...	...	...	...	...	...	...	...	...
South Carolina	125	100.0	33	26.4	3	2.4	38	30.4	51	40.8
South Dakota	210	100.0	70	33.3	3	1.4	94	44.8	43	20.5
Tennessee	277	100.0	91	32.9	2	0.7	107	38.6	77	27.8
Texas	534	100.0	136	25.5	7	1.3	368	68.9	23	4.3
Utah	46	100.0	21	45.7	2	4.3	19	41.3	4	8.7
Vermont	172	100.0	16	9.3	7	4.1	44	25.6	105	61.0
Virginia	239	100.0	67	28.0	5	2.1	68	28.5	99	41.4
Washington	77	100.0	8	10.4	1	1.3	36	46.8	32	41.6
West Virginia	203	100.0	30	14.8	3	1.5	55	27.1	115	56.7
Wisconsin	359	100.0	55	15.3	7	1.9	160	44.6	137	38.2
Wyoming	68	100.0	27	39.7	4	5.9	23	33.8	14	20.6

NOTES: Excludes board and care homes for the mentally retarded. Excludes nonresponding board and care homes. A total of 85 places could not be coded urban/rural.

Table 6. Number of residents 65 years of age and over in board and care homes: United States, 1991

State	Residents	Residents	Residents	Percent of all residents 65 years of age and over
		with reported age	65 years of age and over	
Number				
United States	302,820	267,514	182,469	68.2
Alabama	2,645	2,351	1,328	56.5
Alaska	149	146	15	10.3
Arizona	3,692	3,150	2,291	72.7
Arkansas	1,815	1,681	1,051	62.5
California	54,722	48,448	35,384	73.0
Colorado	3,698	3,421	2,569	75.1
Connecticut	2,298	1,981	1,330	67.1
Delaware	500	304	175	57.6
District of Columbia	1,408	1,082	414	38.3
Florida	27,529	22,617	17,953	79.4
Georgia	4,532	3,976	2,728	68.6
Hawaii	2,267	1,289	849	65.9
Idaho	1,429	1,135	835	73.6
Illinois	3,064	2,984	1,685	56.5
Indiana	1,396	1,289	603	46.8
Iowa	4,340	3,861	1,637	42.4
Kansas	810	754	245	32.5
Kentucky	3,442	3,018	1,846	61.2
Louisiana	697	641	67	10.5
Maine	2,768	2,541	1,834	72.2
Maryland	2,373	2,233	1,318	59.0
Massachusetts	5,767	5,538	3,023	54.6
Michigan	18,190	16,331	10,579	64.8
Minnesota	5,017	4,502	1,178	26.2
Mississippi	1,131	930	554	59.6
Missouri	7,556	6,887	4,237	61.5
Montana	1,101	961	793	82.5
Nebraska	2,005	1,942	1,349	69.5
Nevada	812	612	400	65.4
New Hampshire	1,329	1,204	891	74.0
New Jersey	8,174	6,938	4,186	60.3
New Mexico	1,501	1,412	520	36.8
New York	27,544	25,145	16,660	66.3
North Carolina	15,321	13,589	10,099	74.3
North Dakota	910	793	683	86.1
Ohio	4,234	3,800	1,908	50.2
Oklahoma	1,435	1,349	557	41.3
Oregon	6,886	5,717	4,814	84.2
Pennsylvania	23,811	21,210	16,271	76.7
Rhode Island	920	574	308	53.7
South Carolina	4,810	4,146	2,704	65.2
South Dakota	331	305	175	57.4
Tennessee	3,799	3,440	2,507	72.9
Texas	3,899	3,425	2,158	63.0
Utah	1,250	962	816	84.8
Vermont	1,830	1,679	1,285	76.5
Virginia	10,296	9,556	6,810	71.3
Washington	8,489	7,374	5,233	71.0
West Virginia	1,996	1,819	1,428	78.5
Wisconsin	6,464	6,110	3,913	64.0
Wyoming	438	362	273	75.4

NOTES: Excludes board and care homes for the mentally retarded. Excludes nonresponding board and care homes.

Table 7. Number of residents 65 years of age and over in nursing homes: United States, 1991

State	Residents	Residents	Residents	Percent of all residents 65 years of age and over
		with reported age	65 years of age and over	
Number				
United States	1,478,903	1,287,279	1,188,308	92.3
Alabama	21,675	19,435	17,972	92.5
Alaska	808	657	517	78.7
Arizona	12,103	10,806	9,931	91.9
Arkansas	20,298	17,298	15,650	90.5
California	98,885	89,420	79,398	88.8
Colorado	15,871	14,316	13,017	90.9
Connecticut	27,921	22,366	20,651	92.3
Delaware	4,308	3,660	3,378	92.3
District of Columbia	2,881	2,408	2,246	93.3
Florida	59,878	52,276	49,628	94.9
Georgia	34,728	31,324	28,407	90.7
Hawaii	2,840	2,721	2,504	92.0
Idaho	4,871	4,408	3,997	90.7
Illinois	87,540	74,418	66,207	89.0
Indiana	46,231	40,765	37,140	91.1
Iowa	33,214	29,965	28,524	95.2
Kansas	25,304	22,116	20,495	92.7
Kentucky	24,966	22,020	20,283	92.1
Louisiana	32,367	26,863	23,934	89.1
Maine	9,241	8,610	8,229	95.6
Maryland	25,977	20,745	19,081	92.0
Massachusetts	48,276	42,620	39,848	93.5
Michigan	46,198	40,067	36,543	91.5
Minnesota	43,298	36,095	34,054	94.3
Mississippi	14,819	11,145	10,355	92.9
Missouri	45,745	38,302	35,666	93.1
Montana	6,297	5,922	5,480	92.5
Nebraska	17,779	16,752	15,738	93.9
Nevada	3,043	2,765	2,434	88.0
New Hampshire	7,523	7,202	6,846	95.1
New Jersey	40,068	34,619	32,325	93.4
New Mexico	5,834	5,003	4,602	92.0
New York	99,372	88,233	83,060	94.1
North Carolina	28,546	24,827	22,907	92.3
North Dakota	6,784	5,965	5,688	95.4
Ohio	77,676	68,252	62,560	91.7
Oklahoma	27,456	24,994	23,206	92.8
Oregon	13,392	11,262	10,473	93.0
Pennsylvania	83,107	71,095	66,824	94.0
Rhode Island	9,440	8,524	8,226	96.5
South Carolina	13,089	11,907	11,026	92.6
South Dakota	8,192	7,378	7,064	95.7
Tennessee	32,304	28,277	26,211	92.7
Texas	90,405	77,246	71,875	93.0
Utah	5,544	5,037	4,357	86.5
Vermont	3,591	3,137	2,963	94.5
Virginia	25,775	22,567	20,852	92.4
Washington	24,525	20,985	19,321	92.1
West Virginia	9,809	8,236	7,761	94.2
Wisconsin	46,898	40,150	36,772	91.6
Wyoming	2,211	2,118	1,982	93.6

Technical notes

Creating a mailing list

The 1991 NHPI was a mail survey conducted by NCHS. The inventory's mailing list of home health care agencies and hospices contained 14,089 addresses; the mailing list of nursing homes and board and care homes (including those for the mentally retarded) contained 73,106. Both the agency and facility lists were constructed using NCHS's Agency Reporting System, which is an ongoing system designed to update periodically the NHPI listings (5).

Mail survey

The Bureau of Census under an interagency agreement with NCHS served as the data collection and data-processing agent. Three questionnaire mailouts plus a field followup were used to complete the inventory. At the end of the mail survey, refusals, postmaster returns, and nonresponses were contacted by telephone. Also contacted were places who did not respond to questionnaire items considered critical for selecting samples for the Long-Term Care Component of the National Health Care Survey (6).

Because of the large number (17,156) of nonresponding board and care homes, resource constraints made it possible to follow up only one-half of these nonrespondents. As a result, nonresponding board and care homes will not be included in the data presented in this report.

Results of mail survey

Home health care agencies and hospices

Of the 14,089 agencies to which questionnaires were mailed, 7,804 responded and classified as home health agencies or hospices. Of the remaining 6,285, 116 agencies were nonrespondents, and 6,169 agencies were out of scope or not in operation (questionnaires were returned by the post office and/or field interviewers were unable to locate by telephone). The

overall agency response rate was 98.5 percent. The numerator is 7,804, the number of responding agencies. The denominator is 7,920, the number of responding agencies plus 116 refusing agencies and nonresponding agencies.

Nursing homes and board and care homes

The facility response rate, excluding those board and care places not in the followup, was 99 percent (there were 262 refusals). If the 8,578 were counted in the calculation as in business and nonresponses, the response rate for facilities would be 84 percent. Because some of these 8,578 agencies were either out of scope or out of business, the response rate was probably somewhat higher than 84 percent.

Classification system

Home health care agencies and hospices

NCHS classified the 7,804 agencies using the questionnaire item "type of client." The client data were used because they allowed for the classification of the largest numbers of agencies into either the home health care agency category (6,797) or hospice category (943), with only 64 agencies remaining in the category of agencies providing both home health and hospice care. Based upon additional information in an agency's record, 56 of the agencies providing both home health and hospice care are included with home health agencies, and 8 are included with hospices.

Nursing homes and board and care homes

Excluding the 8,578 nonresponding board and care homes and the 262 facilities that refused to participate, each of the remaining facilities was classified as either a nursing home (15,511) or a board and care home (31,431). For purposes of this survey, no facilities for the mentally retarded were classified as nursing homes. However, if a facility was primarily a nursing home and happened to be certified as an intermediate care facility for the mentally retarded (ICF-MR), it would

have been classified as a nursing home. As a result this file contains 24 nursing homes that were also ICF-MR's, and 11,204 board and care homes that were not ICF-MR facilities for the mentally retarded. The classification system used to separate nursing homes from board and care homes relied heavily on criteria such as the respondent's categorization of the home, the home's certification, the number of beds set up and staffed for use, the employment of registered nurses or licensed practical nurses, the services provided, and the number of mentally retarded patients.

Note that a more detailed technical notes section for the 1991 NHPI is included in other reports (1,3).

Definitions

Home health care agency—An agency providing health services to individuals in their homes for the purpose of (a) promoting, maintaining, or restoring health; or (b) maximizing the level of independence, while minimizing the effects of disability and illness (including terminal illness).

Hospice—An agency providing specialized services for terminally ill people and their families, including medical services, social and emotional support for patients and families, volunteer support, and bereavement services for families following the death of the patient.

Nursing homes—A nursing home is a facility with three beds or more that is either licensed as a nursing home, certified as a nursing facility under Medicare or Medicaid, identified as a nursing care unit of a retirement center, or determined to provide nursing or medical care.

Board and care homes—This generic term describes a residential setting that provides either routine general protective oversight or assistance with activities necessary for independent living to physically limited persons (excludes those for the mentally retarded).

Rural-urban continuum codes for metropolitan and nonmetropolitan counties—These codes are based on the 1990 census. Rural counties included nonmetropolitan counties that had an

urban population fewer than 2,500. Urban counties included counties not considered rural. Nonmetropolitan counties are those counties that are not considered metropolitan. Metropolitan areas, as defined by the Office of Management and Budget, include core counties containing a city of 50,000 or more people and a total area population of at least 100,000. Additional contiguous counties are included in metropolitan areas if they are economically and socially integrated with the core county (7).

Geographic divisions—The U.S. Bureau of the Census groups the 50 States plus the District of Columbia into the following divisions:

<i>Division</i>	<i>States included</i>		
New England	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	South Atlantic	Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia
Middle Atlantic	New Jersey, New York, Pennsylvania	East South Central	Alabama, Kentucky, Mississippi, Tennessee
East North Central	Illinois, Indiana, Michigan, Ohio, Wisconsin	West South Central	Arkansas, Louisiana, Oklahoma, Texas
West North Central	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	Mountain	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming
		Pacific	Alaska, California, Hawaii, Oregon, Washington

Symbols

- - - Data not available
 - . . . Category not applicable
 - Quantity zero
 - * Figure does not meet standard of reliability or precision (more than 30-percent relative standard error in numerator of percent or rate)
 - *- Figure does not meet standard of reliability and quantity zero
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