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Assistant Secretary for Planning and Evaluation
Office of Disability, Aging and Long-Term Care Policy



SOURCE BOOK ON LONG-TERM CARE DATA

July 1983

Office of the Assistant Secretary for Planning and Evaluation

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The Office of Disability, Aging and Long-Term Care Policy (DALTCP), within ASPE, is responsible for the development, coordination, analysis, research and evaluation of HHS policies and programs which support the independence, health and long-term care of persons with disabilities--children, working aging adults, and older persons. DALTCP is also responsible for policy coordination and research to promote the economic and social well-being of the elderly.

In particular, DALTCP addresses policies concerning: nursing home and community-based services, informal caregiving, the integration of acute and long-term care, Medicare post-acute services and home care, managed care for people with disabilities, long-term rehabilitation services, children's disability, and linkages between employment and health policies. These activities are carried out through policy planning, policy and program analysis, regulatory reviews, formulation of legislative proposals, policy research, evaluation and data planning.

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SOURCE BOOK ON LONG-TERM CARE DATA

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INTRODUCTION

Tables in this volume were prepared in response to a contractual charge from the Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, to analyze existing data sources for answers to as many long-term care questions as data and resources would permit. More than two dozen research papers containing roughly 500 tables were produced as a result of that effort. This volume contains a substantial portion of those tables.

Although data presented here are useful, it is important to note that many crucial limitations affected the reports' contents, including the nature of the volume and the quality and completeness of the data sources available.

Specifically, it is important to consider that this is not a comprehensive set of tables describing all aspects of long-term care. Rather it is the by product of many individual analytical efforts addressing a set of issues constrained principally by the availability of data in which to pursue answers. And, while the project included aggressive efforts to obtain access to all potentially useful data sets, not all efforts at obtaining data sets were successful. Some data which might have proved useful may have been missed or were omitted due to resource and time constraints. For example, the volume contains virtually nothing on manpower available for long-term care although some survey and analytical work has been done in this field, most notably the confidential staffing data on nursing homes collected as part of the 1977 National Nursing Home Survey.

By its nature, the volume also excludes many tables on long-term care which are available from published sources. For example, a large number of tables presenting organizational characteristics of nursing homes and characteristics of nursing home residents are included in NCHS publications but only a small number were inserted into this volume. Likewise, 1980 U.S. Census data were beginning to become available as the project was ending. Some of the more obviously long-term care related tables were sought and included. In addition, some data were obtained on a prepublication basis for use in one or more analyses. But as more 1980 Census publications are released they may contain information which relates to long-term care issues.

Finally, the 'tables-without-text' nature of the volume dictated omission of some of the tables produced by the analytical studies. One criterion for such omissions was that the table could not be effectively interpreted without text to explain variable construction, amputations, extrapolations, etc. Examples are several regression analyses on a variety of topics including nursing home residency and discharge determinants. Another criterion for table omission was that sample sizes were too small to report estimates even though in a working paper tables may have been presented to show patterns in the data. Finally, tables were omitted if a later analysis produced similar data from a more recent data set. The reader is referred to the final report of the project which contains all working papers produced by the project.

Even more severe limitations were imposed by the quality and completeness of data available for analysis. Sample sizes were a constant barrier to adequate pursuit of prevalence rates of dependency and other characteristics and utilization of community and institutional care, especially in the National Health Interview Survey, the National Nursing Home Survey, and a group of community surveys using the OARs instrument (described in the section on data sets). As tables in this volume show, the low prevalence rates of dependent persons in the general population results in very small cell sizes when national probability sample data are presented by age, sex and other traits. Standard errors frequently greatly exceed 100 percent. Utilization patterns of some services are impossible to profile even in samples limited to the aged because those using long-term care services are such a small subsample of the aged population. Virtually no analysis at the state level could be carried out because sample sizes were too small to produce reliable estimates below the national or major regional level. Likewise, analysis of racial differences was generally impossible even at the national level.

Nor were data sets as comprehensive as would have been ideal. For example, the national nursing home survey doesn't cover all types of homes. Board and care homes and related facilities appear to be systematically counted no where. Data are virtually nonexistent with regard to many aspects of home health care, including:

- the extent of private financing;
- agency costs and their determinants (e.g., patient characteristics, ownership type, length of visit);
- numbers of agencies--at present, only Medicare certified agencies can be identified; and,
- patient or user characteristics.

Panel data, essential for outcome analysis, are available for no type of long-term care service, setting or population subgroup.

Financing data on long-term care services at the state and local level are especially lacking. Indeed, no inventory of state or locally funded long-term care programs exists. Even state reporting of Medicaid long-term care recipients and spending leaves out some categories--personal care and adult day care.

It would also be useful to know the extent to which persons who are dependent and need long-term care services also hold substantial equity in their homes which could be converted into cash for various types of services or insurance. But surveys which collect dependency data rigorously defined in terms of personal care, mobility, household activities, etc., have not included home equity data, and vice versa.

Crudeness of measures was a major concern, especially in studying effects of social, policy and organizational characteristics on patients and other individuals. For example, household structure is a grossly inadequate measure of social support, per capita income derived by dividing household income by household size is a grossly inadequate measure of resources available to an elderly individual, and discharge status is not even a rough proxy for health status effects of nursing home staffing or care practices. Income and care received from outside the household are simply ignored in most surveys. And federal spending data under Title XX and the Older Americans Act are classified by service categories so broad that long-term care services cannot reliably be distinguished from non long-term care services.

Self-reported diagnoses must raise major concerns about how validly health status is being measured, especially the prevalence of mental disorders.

For all of these reasons, this initial effort at compiling a data base for long-term care policy falls considerably far short of perfection, and for some purposes, even adequacy. Indeed, perhaps one of its most important contributions may be to point the direction for filling major gaps in the data available for long-term care policy and planning. Having experienced the often frustrating task of trying to find data where it did not exist or was of unacceptable quality, the group of researchers who contributed to this volume may be in the best position to make some suggestions about priorities for data gap filling. Users of the report will want to add to the list, but as a starting point, the following major problems should be addressed in future data collection efforts:

- Larger sample sizes are needed, describing the population most likely to suffer dependency and to use long-term care services;¹
- Panel studies are needed which permit assessment of changes in patients and populations' health and dependency status and utilization through time, both within institutions and in the general population;
- Systematic profiling and costs of the informal and formal community care delivery system and its responsiveness to increased care options should be undertaken;
- More sensitive measures of inputs and outcomes in nursing homes are needed;
- Systematic census and profiling of board and care homes, their residents, staff, client sources, occupancy rates, services, costs, discharge patterns and licensure standards are needed;
- Data are needed on state and local policy variations on long-term care expenditures, rates, recipients, reimbursement policies, eligibility policies, and

¹ One important step in this direction was taken by the National Center for Health Statistics in its decision to collect data for a special home care supplement during both the 1979 and 1980 surveys. Merging these two year's data when the 1980 data become available will substantially reduce standard errors in long-term care prevalence estimates, although some subgroup sample sizes will still be too small for reliable analysis.

quality assurance mechanisms, community care coverage and licensure and other regulations of long-term care providers;

- More extensive data on the mentally retarded and the mentally ill including their use of long-term care services, both formal and informal and the causes of institutionalization among this population are needed;
- Hospital administrative day data are also needed.

Structure and Content of the Report

It is worth noting again that this volume is a compendium of tables available, not an inventory of answers. While an effort was made to group tables into a structure which reflects common policy themes such as size and characteristics of the population, supply of services, utilization, etc., the tables included are those which were available from the research papers produced for this project. As such, no section is exhaustive or even complete on a topic, and the level of detail provided on topics and subtopics varies as a function of what was available. Thus, a quick review of the table of contents will demonstrate that data are considerably more available on institutional than noninstitutional care, formal as compared to informal care, and utilization as compared to demand, costs, and outcomes.

DESCRIPTION OF DATA BASES

1. The 1977 Health Interview Survey (HIS)

This is a nationally representative health-related survey of the civilian noninstitutionalized population. It was administered by the Bureau of the Census (for the National Center for Health Statistics) to 41,277 households containing 111,279 persons, of whom 11,698 were aged 65 years or over. In addition to demographic variables, the 1977 survey contained questions on health status and impairments, illnesses, accidents and injuries. It included questions on ability to perform certain activities of daily living, presence of self-reported medical conditions, hospitalization, and nursing homes stays. Income variables were limited to total income in ten income classes.

2. The 1979 Health Interview Survey (HIS)

Like the 1977 Health Interview Survey, the 1979 HIS was designed to obtain information on the incidence and prevalence of illness and the use of health services among the noninstitutionalized U.S. population. In 1979, 110,530 individuals were included in the sample. Of those 11,730 were aged.

Respondents were questioned on whether or not they needed help or were limited in certain types of activities, what they identified as the condition causing their need for help or their limitation, and other items related to need for and receipt of assistance. Most of these long-term care questions were in a special supplement included in the 1979 version of the survey.

3. The 1977 National Nursing Home Survey

This is a nationally representative survey of all nursing homes in the continental United States. The survey was a two-stage probability sample commencing with the selection of facilities and subsequent selection of residents and discharges. Within the sampled nursing homes, a current resident sample was selected from the list of all patients in the home the night preceding the survey administration. A sample of discharged residents was selected from the population of all residents discharged during the previous year. The sample included 1,451 nursing homes, 7,033 current residents and 5,142 discharged residents. A facility questionnaire was also administered. It contained information on certification status, facility size, type of ownership and total number of inpatient days of care provided by certification. It also included information on admissions policies and provision of services. Detailed expenses and revenues were also reported. The current and discharged resident questionnaires included information on impairments, physical functioning, certain

aspects of behavior, primary and secondary diagnoses, and use of services. Total charges billed for care, primary source of payment and amount paid by primary source were also collected for current and discharged residents.

4. Medicare/Medicaid Automated Certification System (MMACS)

The Medicare/Medicaid Certification System (MMACS) was implemented by the Health Standards and Quality Bureau (HSQB) of the Health Care Financing Administration as an adjunct to the surveying process of health care facilities and services in the United States. Specifically, the centralized MKACS data base contains information on all health care facilities that participate in the Title XVIII Medicare/Title XIX Medicaid programs. Data on uncertified facilities are not available from this data base.

For all long-term care facilities, the MMACS data base contains identifying information such as provider number and location, facility information such as type of facility control, and type of services that could be provided by the staff. Also, the number of full-time equivalent employees for eleven classifications is included in the data base. Similar information is also maintained for Home Health Agencies.

5. National Medical Care Expenditure Survey (NMCES)

This survey of a nationally representative sample was conducted by personal and telephone interviews in 13,500 households with 37,000 people, 5,400 of whom were aged. The sample families were interviewed five times from January 1977 to June 1978. Additional information on diagnosis and cost was obtained from physicians and institutions who provided care to the sampled families. The data were further augmented through interviews with employers and health insurers to obtain information on health insurance benefits and sources of payment for insurance premiums. The survey contained information on disability days, medical conditions, doctor, dental and other medical visits, use of aids, and medications. Detailed questions concerning access to care were included as well as queries on health insurance coverage, covered services and payments. Expenditures for medical care and source of payment were also gathered in detail using a diary methodology. The survey also collects detailed demographic and income information on all respondents.

6. The 1976 Survey of Income and Education (SIE)

In 1974, Congress directed that an expanded Current Population Survey (CPS) or a new survey be conducted to furnish current state-representative data on the total number of school age children living in families with incomes below poverty level. To fulfill this Congressional mandate, the Bureau of the Census, along with agencies of HEW, designed the SIE and administered it between April and July 1976.

The survey included questions on current employment, past work experience, income, school enrollment, disability, health insurance, food stamp reciprocity, housing and assets.

Approximately 158,500 households from 50 states and the District of Columbia were eligible for the SIE interview. The data set contains 151,170 household records, 160,975 family records and 440,815 person records.

7. The Master Facility Inventory (MFI)

The 1978 National Master Facility Inventory (MFI), produced by the National Center for Health Statistics, contains only information on nursing homes. (In previous years other inpatient health facilities were part of the MFI.) This file contains the 1976 MFI information for the state of California, New York, North Carolina and the District of Columbia due to the low response rates of those states in 1978. There are 18,722 nursing homes represented in the 1978 MFI including the 1976 information for the four states mentioned above. For all other states, only those homes that responded to the survey are present on the 1978. The 1978 MFI data base contains the nursing home identification number, facility name, facility type, street address, city, zip, state code, county code, telephone number, ownership type, number of licensed beds, Medicare beds, Medicaid skilled beds, Medicaid intermediate beds, beds set up, number of residents and staffing. Only the data on staffing was confidential.

8. Framingham Functional Disability Survey

This study involved administration of a functional disability assessment questionnaire to 2,600 men and women aged 60 to 90 years old between 1976 and 1978. These persons had participated in a longitudinal study to determine the risk factors for and development of coronary heart disease. The data are useful in providing information on the functional limitations of the noninstitutionalized population.

9. National Survey of the Aged Questionnaire (NSA) 1975

The National Survey of the Aged Questionnaire was administered to a sample of 2,143 noninstitutionalized elderly persons. Its purpose was to describe the population aged 65 and over and to indicate the extent to which the old are sick or well, isolated or surrounded by family, poor or able to manage financially. In addition, it was anticipated that the instrument would measure change in the status of the elderly in the United States. This questionnaire was based on the instrument used by a study in 1962 done by Dr. Ethel Shanas and her colleagues of older persons in three industrial societies: the United States, Great Britain and Denmark. The original instrument was designed to provide information about the life situation of the elderly in three countries. The 1962

survey questionnaire concentrated on the physical well-being, family relationships, and financial status of the elderly. Additional information was included on the 1975 survey in order to assess the effects of several governmental policies such as Medicare, Medicaid, Supplemental Security Income, and special programs in housing, transportation, and community services designed to improve the life of older people.

10. NIMH Survey of State and County Mental Hospitals

The NIMH survey includes only state and county mental hospitals. Published reports include information on the number of additions and resident patients at the end of the year by age and diagnosis. An "addition during the year" includes persons admitted or readmitted as well as returns from extended leave and transfers from other facilities. Resident patients at the end of the year include those persons present in the inpatient service at the end of the year and those away on short leave who are expected to return to the inpatient service. (U.S. DHHS, NIMH, 1981)

11. The 1973 Consumer Expenditure Surveys

This two-wave survey collected detailed information on family expenditures and income from a sample of 10,000 families each in 1972 and 1973. It included dollar expenditures for nursing home care, medical or health services, physician care, homemaker services (including care for elderly persons or invalids in the consumer unit), medical appliances and other health related items. It also contained extensive information on health insurance. Detailed income and demographic questions were also included.

12. Census of Institutions

The census of institutions provides age, sex and race status on the populations of institutions for the years 1950, 1960 and 1970. Data are drawn from U.S. Census Bureau decennial survey of the U.S. population.

13. Older American Resources and Services Instrument (OARS)

These data come from four surveys administered in local areas using the OARS instrument. Three of the surveys were conducted by the U.S. General Accounting office in Cleveland, Kentucky, and Oregon; the other survey was done by the Virginia Center on Aging of Virginia elderly. The three GAO surveys used identical instruments while the Virginia instrument was basically the same. Most differences could be easily reconciled to produce comparable responses. Each of the samples were designed to be self-weighting representative samples of the elderly population in the survey area. Nearly 4,000 respondents were included in the sample.

The OARS instrument involves two components--a functional assessment, and a survey of service utilization. The functional assessment includes the domains of mental health, physical health, activities of daily living (ADL) and instrumental activities of daily living (IADL) dependencies, social resources, and economic resources. The services utilization inventory covers 28 service types ranging from job placement assistance to personal care. Services likely related to long-term health needs include: periodic checking, continuous supervision, case management, homemaker, meal preparation, nursing care, personal care, physical therapy, and multidimensional assessment. Other services such as transportation, escort, or social/recreational, may be used by dependent persons, but may as frequently be used by unimpaired aged.

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* Tables with no cross reference indicated were not used in any other report. References are by volume and chapter as it appears in the Final Report for this project.		

II. SIZE, GROWTH AND DEMOGRAPHIC CHARACTERISTICS OF THE ELDERLY POPULATION

TABLE 1. Proportion of Population Aged 65 Years and Over, 1990-1980			
Year	Total Population	Population Aged 65 Years and Over	Proportion of Population Aged 65 Year and Over
1980	226,546,000	25,550,000	11.28
1970	203,211,920	20,065,502	9.87
1960	179,323,175	16,559,580	9.23
1950	150,697,361	12,269,537	8.14
1940	131,669,275	9,019,314	6.85
1930	122,775,046	6,633,805	5.40
1920	105,710,620	4,933,215	4.67
1910	91,972,266	3,949,524	4.30
1900	75,994,575	3,080,948	4.05
<p>SOURCE: 1900-1970, U.S. Bureau of the Census, <u>Historical Statistics of the United States, Colonial Times to 1970</u>, Bicentennial Edition, Part 1. Washington, D.C., 1975, 1980, U.S. Bureau of the Census, <u>Statistical Abstract of the United States, 1982</u> (103d edition) Washington, D.C., 1982.</p>			

**TABLE 2. Persons 65 Years Old and Over--Characteristics, by Sex: 1960 to 1980
(Institutional Population Excluded)**

Characteristic	1960		1970		1980		1981	
	Male	Female	Male	Female	Male	Female	Male	Female
Total ¹ (million)	7.5	9.0	8.3	11.5	9.8	14.0	10.1	13.6
Percent of total population	8.6	9.9	8.5	11.1	9.3	12.4	9.3	12.6
White ¹ (million)	6.9	8.4	7.6	10.6	8.8	12.6	9.1	13.2
Black ¹ (million)	.5	.6	.7	.9	.8	1.2	.8	1.2
Age: ²								
65-69 years (percent)	3.3	3.7	3.2	3.7	3.6	4.2	3.5	4.2
70-74 years (percent)	2.5	2.8	2.3	3.0	2.7	3.4	2.6	3.5
75-79 years (percent)	1.6	1.9	1.6	2.2	1.6	2.2	1.7	2.6
80 years and over (percent)	1.2	1.6	1.4	2.3	1.5	2.6	1.6	3.1
Median income: ^{1,3}								
Family householders (dollars)	2,831		4,779		4,986		11,320	
Unrelated individuals (dollars)	1,008		2,101		1,777		5,186	
Percent below poverty level: ^{1,4}								
Family householders	29.7	31.5	16.6	23.5	8.3	13.5	8.2	14.0
Unrelated individuals	58.5	69.1	40.0	49.9	25.3	30.4	24.4	32.3
PERCENT DISTRIBUTION								
Marital status: ¹								
Single	7.3	8.5	7.5	7.7	5.1	5.9	4.5	5.7
Married	71.7	36.8	73.1	35.6	77.6	39.7	79.3	39.4
Spouse present	69.0	35.0	69.9	33.9	75.5	38.0	77.0	37.8
Spouse absent	2.7	1.8	3.2	1.7	2.0	1.7	2.3	1.6
Widowed	19.4	53.1	17.1	54.4	13.6	51.0	12.8	51.3
Divorced	1.7	1.5	2.3	2.3	3.7	3.4	3.4	3.6
Family status: ¹								
In families	82.3	67.7	79.2	58.5	83.0	57.0	83.4	56.6
Nonfamily householders	12.8	26.8	14.9	35.2	15.5	41.8	15.2	42.4
Secondary individuals	2.4	3.0	2.4	1.9	1.5	1.1	1.3	.9
Residents of institutions ¹	2.5	2.4	3.6	4.4	(NA)	(NA)	(NA)	(NA)
Years of school completed								
8 years or less	72.5	66.4	61.5	56.1	45.4	41.6	43.0	41.1
1-3 years of high school	10.4	12.8	12.6	13.9	15.5	16.7	16.2	16.5
4 years of high school	7.8	11.6	12.5	18.1	21.4	25.8	21.7	26.4
1-3 years of college	4.9	6.1	5.6	6.7	7.5	8.6	8.1	9.3
4 years or more of college	4.3	3.2	7.9	5.2	10.2	7.3	11.0	6.8
Labor force participation: ⁵								
Employed	30.9	9.9	26.2	10.0	18.6	7.9	17.8	7.7
Unemployed	1.7	.4	1.0	.3	.5	.3	.5	.3
Not in labor force	67.3	89.7	72.8	89.7	80.9	91.8	81.6	92.0
Living arrangements: ¹								
Living in household	97.4	97.0	95.5	95.0	99.9	99.7	100.0	99.9
Living alone	(NA)	(NA)	14.1	33.8	14.7	40.9	14.3	41.4
Spouse present ⁶	73.2	36.9	69.9	33.9	75.5	38.0	77.0	37.8
Living with someone else	(NA)	(NA)	11.5	27.4	9.7	20.8	8.7	20.7
Not in household ⁷	2.6	3.0	4.5	5.0	.1	.3	--	.1

SOURCE: Except as noted, U.S. Bureau of the Census, Current Population Reports, series P-20, No. 372, and earlier reports; series P-23, Nos. 57, 59, and 85; series P-25, No. 917; and series P-60, No. 132 and earlier reports.

1. Resident population as of March. Beginning 1975, excludes institutional population.
2. Estimated total resident population as of July.
3. Income for preceding year.
4. Poverty status based on income in preceding year.
5. Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.
6. For 1960 and 1965, includes a small number of "spouse present" in group quarters.
7. In institutions and other group quarters.

NA Not available.

TABLE 3. Number and Percent Distribution of U.S. Population Aged Over 65 Residing in Urban and Non Urban Areas, by Sex and Race, 1974 and 1970 (In Thousands)						
Population Over 65 Sex and Race	Metropolitan		Non-Metropolitan		All Areas	
	1974	1970	1974	1970	1974	1970
All Races						
Both Sexes	13,106 (9.2)	12,344 (9.0)	7,496 (11.4)	6,891 (11.0)	20,602 (9.9)	19,235 (9.6)
Male	5,281 (7.7)	5,128 (7.8)	3,247 (10.0)	3,079 (10.1)	8,528 (8.5)	8,207 (8.5)
Female	7,825 (10.6)	7,216 (10.1)	4,249 (12.7)	3,812 (11.8)	12,074 (11.3)	11,028 (10.7)
White						
Both Sexes	11,856 (9.7)	6,324 (9.4)	6,898 (11.6)	11,207 (11.2)	18,754 (10.3)	17,532 (10.0)
Male	4,728 (8.0)	2,822 (8.1)	2,999 (10.2)	4,625 (10.3)	7,727 (8.8)	7,447 (8.8)
Female	7,128 (11.4)	3,502 (10.7)	3,899 (12.9)	6,583 (12.1)	11,027 (11.9)	10,085 (11.2)
Black						
Both Sexes	1,101 (6.2)	1,027 (6.3)	571 (9.1)	522 (9.1)	1,672 (7.1)	1,549 (7.0)
Male	480 (5.8)	448 (5.9)	235 (8.4)	234 (8.6)	716 (6.5)	681 (6.6)
Female	621 (6.6)	579 (6.7)	336 (11.1)	288 (9.6)	957 (7.7)	867 (7.4)
SOURCE: U.S. Bureau of the Census, <i>Social and Economic Characteristics of the Metropolitan and Non-Metropolitan Population 1974 and 1970</i> , Current Population Reports Special Studies, Series p-23, No. 55, September 1975. Adapted from Table 1. Data for 1980 not yet available.						

TABLE 4. Expectation of Life at Birth: 1920 to 1979 (In years prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration states only. Beginning 1970, excludes deaths of non-residents of the United States. See also Historical Statistics, Colonial Times to 1970.)									
Year	Total			White			Black and Other		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965	70.2	66.8	73.7	71.0	68.0	75.6	65.3	61.3	69.4
1970	70.9	67.1	74.8	71.7	68.0	75.6	65.3	61.3	69.4
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.7
1972	71.1	67.4	75.1	72.0	68.3	75.9	65.6	61.5	69.9
1973	71.3	67.6	75.3	72.2	68.4	76.1	65.9	61.9	70.1
1974	71.9	68.1	75.8	72.7	68.9	76.6	67.0	62.9	71.3
1975	72.5	68.7	76.5	73.2	69.4	77.2	67.9	63.6	72.3
1976	72.8	69.0	76.7	73.5	69.7	77.3	68.3	64.1	72.6
1977	73.2	69.3	77.1	73.8	70.0	77.7	68.8	64.6	73.1
1978	73.3	69.5	77.2	74.0	70.2	77.8	69.2	65.0	73.6
1979	73.7	69.9	77.6	74.4	70.6	78.2	69.9	65.5	74.2
SOURCE: U.S. National Center for Health Statistics, <i>Vital Statistics of the United States</i> , annual; and unpublished data.									

TABLE 5. Marital Status of the Population, by Sex and Age: 1980
(In thousands of persons 18 years old and over, except percent. As of March. Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces.)

Sex and Age	Total	Single	Married	Widowed	Divorced	Percent Distribution				
						Total	Single	Married	Widowed	Divorced
MALE	74,101	17,434	50,825	1,972	3,871	100.0	23.5	68.6	2.7	5.2
18-19 years	4,042	3,808	232	--	2	100.0	94.2	5.7	--	--
20-24 years	9,807	6,721	2,924	2	154	100.0	68.6	29.8	--	1.6
25-29 years	9,076	2,904	5,650	8	479	100.0	32.4	62.3	.1	5.3
30-34 years	8,270	1,298	6,310	11	651	100.0	15.7	76.3	.1	7.9
35-44 years	12,297	904	10,358	45	989	100.0	7.4	84.2	.4	8.0
45-54 years	10,962	699	9,347	176	740	100.0	6.4	85.3	1.6	6.8
55-64 years	9,870	565	8,414	397	495	100.0	5.7	85.2	4.0	5.0
65-74 years	6,549	357	5,346	557	290	100.0	5.5	81.6	8.5	4.4
75 years and over	3,234	142	2,244	776	71	100.0	4.4	69.4	24.0	2.2
FEMALE	82,054	13,977	51,767	10,479	5,831	100.0	17.0	63.1	12.8	7.1
18-19 years	4,184	3,465	689	3	26	100.0	82.8	16.5	.1	.6
20-24 years	10,246	5,148	4,705	23	370	100.0	50.2	45.9	.2	3.6
25-29 years	9,357	1,947	6,584	33	792	100.0	9.5	78.2	1.2	11.1
30-34 years	8,561	810	6,695	102	954	100.0	9.5	78.2	1.2	11.1
35-44 years	13,042	728	10,612	292	1,411	100.0	5.6	81.4	2.2	10.8
45-54 years	11,670	552	9,222	821	1,074	100.0	4.6	69.9	18.9	6.7
55-64 years	11,304	504	7,413	2,082	735	100.0	4.6	69.9	18.9	6.7
65-74 years	8,549	480	4,282	3,444	342	100.0	5.6	50.1	40.3	4.0
75 years and over	5,411	344	1,264	3,677	126	100.0	6.4	23.4	68.0	2.3

SOURCE: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 365.

-- Represents zero or rounds to zero.

TABLE 6. Characteristics of Widows, by Age Group: 1970 and 1980
(In thousands of persons, except percent. Except as indicated, covers persons 14 years old and over in 1970 and 15 years old and over in 1980.)

Characteristic	1970					1980				
	Total	Under 45 yr.	45-64 yr.	65-74 yr.	75 yr. and over	Total	Under 45 yr.	45-64 yr.	65-74 yr.	75 yr. and over
Total	9,734	392	3,063	3,065	3,214	10,479	453	2,903	3,444	3,677
Percent, by age	100.0	4.0	31.5	31.5	33.0	100.0	4.3	27.7	32.9	35.1
Per 100 widows	475	478	564	501	395	531	686	507	618	474
In labor force ²	2,542	223	1,732	587		2,924	338	1,879	707	
Employed	2,463	(NA)	(NA)	(NA)		2,808	309	1,806	693	
			PERCENT					PERCENT		
White	8,559	3.2	30.5	31.6	34.6	9,060	3.5	26.2	33.3	36.9
Black	1,120	10.4	38.1	30.4	21.2	1,280	9.4	38.0	29.8	22.8
Living Arrangement										
Householder	7,308	12.1	47.0	22.0	18.9	2,518	14.0	29.0	34.2	32.3
Family householder	2,392	12.1	47.0	22.0	18.9	2,518	14.0	45.2	21.8	19.0
Nonfamily householder	4,915	1.1	29.0	38.0	31.9	6,394	.8	22.6	39.0	37.6
Not householder ³	2,426	2.0	21.1	27.6	49.3	1,567	3.2	20.5	25.5	50.7
In families	1,862	2.3	22.1	29.4	46.2	1,410	2.2	18.7	25.8	53.3
Inmates of institutions	362	--	8.0	18.2	73.8	(NA)	(NA)	(NA)	(NA)	(NA)

SOURCE: U.S. Bureau of the Census, Current Population Reports, series P-20, forthcoming report, and unpublished data.

-- Represents zero. NA Not available.

1. Data revised using population controls from the 1970 census.
2. Covers widows 16 years old and over. Source: U.S. Bureau of Labor Statistics.
3. Includes secondary individuals not shown separately.

TABLE 7. Living Arrangements of Elderly Widowed Persons: 1970 to 1980 (Persons 65 years and over. As of March. Noninstitutional population. Based on Current Population Survey)							
Widowed Persons	Householder				Not a Householder		
	Total (1,000)	Percent Family Householder	Percent Nonfamily Householder Living:		Total (1,000)	In Families	Percent Living with No Relatives
			Alone	With Non- Relatives			
1970: Total	5,296	22.3	74.6	3.1	1,984	89.4	10.5
Widow	4,344	22.2	75.0	2.9	1,519	92.2	7.7
Widower	952	22.9	73.0	4.1	465	80.0	19.8
1975: Total	6,117	18.6	78.9	2.5	1,588	92.3	7.7
Widow	5,110	18.8	78.7	2.4	1,407	93.5	6.5
Widower	1,007	17.3	79.4	3.2	181	82.9	17.1
1979: Total	6,886	16.5	81.1	2.4	1,575	90.7	9.3
Widow	5,833	16.7	81.0	2.4	1,277	93.3	6.7
Widower	1,053	15.5	81.8	2.6	298	79.2	20.8
1980: Total	7,011	17.4	80.6	1.9	1,443	91.5	8.5
Widow	5,926	17.3	80.9	1.8	1,194	93.5	6.5
Widower	1,085	18.1	79.0	2.9	249	82.3	17.7

SOURCE: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 365 and earlier issues.

TABLE 8. Persons Living Alone, by Age and Sex: 1960 to 1980						
Sex and Age	Number of Persons (1000)			Percent Distribution		
	1960	1970	1980	1960	1970	1980
BOTH SEXES	7,064	10,851	17,816	100.0	100.0	100.0
14-24 years	234	556	1,670 ¹	3.3	5.1	9.4 ¹
25-44 years	1,212	1,604	4,607	17.2	14.8	25.9
45-64 years	2,720	3,622	4,400	38.5	33.4	24.7
65 years and over	2,898	5,071	7,139	41.0	46.7	40.1
MALE	2,628	3,532	6,793	37.2	32.5	38.1
14-24 years	124	274	919 ¹	1.8	2.5	5.2 ¹
25-44 years	686	933	2,848	9.7	8.6	16.0
45-64 years	965	1,152	1,589	13.7	10.6	8.9
65 years and over	853	1,174	1,437	12.1	10.8	8.1
FEMALE	4,436	7,319	11,022	62.8	67.5	61.9
14-24 years	110	282	751 ¹	1.6	2.6	4.2 ¹
25-44 years	526	671	1,759	7.4	6.2	9.9
45-64 years	1,755	2,470	2,809	24.8	22.8	15.8
65 years and over	2,045	3,897	5,703	28.9	35.9	32.0

SOURCE: U.S. Bureau of the Census. U.S. Census of Population: 1960, Subject Report, PC(2)-4B, and Current Population Reports, series P-20, No. 365 and earlier issues.

Size of Household	1950	1960	1965	1970	1975	1980	1981
TOTAL	43.5	52.6	57.3	62.9	71.1	80.8	82.4
1 person	4.7	6.9	8.6	10.7	13.9	18.3	18.9
Male	1.8	2.3	2.9	3.5	4.9	7.0	7.3
Female	3.0	4.6	5.7	7.2	9.0	11.3	11.7
2 persons	12.5	14.6	16.1	18.1	21.8	25.3	25.8
3 persons	9.8	9.9	10.2	10.9	12.4	14.1	14.6
4 persons	7.7	9.3	9.2	9.9	11.1	12.7	12.8
5 persons	4.4	6.1	6.3	6.5	6.4	6.1	6.1
6 persons	2.2	3.0	3.3	3.5	3.1	2.5	2.5
7 or more	2.1	2.9	3.5	3.2	2.5	1.8	1.6
Percent of total:							
1 person	10.9	13.1	15.0	17.0	19.6	22.7	23.0
2 persons	28.8	27.8	28.1	28.8	30.6	31.4	31.3
3 persons	22.6	18.9	17.9	17.3	17.4	17.5	17.7
4 persons	17.8	17.6	16.1	15.8	15.6	15.7	15.5
5 persons	10.0	11.5	11.0	10.4	9.0	7.5	7.4
6 persons	5.1	5.7	5.8	5.6	4.3	3.1	3.1
7 or more	4.9	5.4	6.1	5.1	3.5	2.2	2.0
SOURCE: U.S. Bureau of the Census, <u>Current Population Reports</u> , series P-20, No. 371 and earlier reports. See also Historical Statistics, Colonial Times to 1970 Series A 335-349.							

Age of Householder (Years)	Percent Distribution				
	1968	1970	1975	1980	1981
14-24	6.3	6.8	8.2	8.1	7.8
25-34	17.5	18.5	21.0	22.9	23.3
35-44	19.7	18.6	16.7	17.3	17.6
45-54	19.8	19.5	18.2	15.7	15.4
55-64	17.1	17.1	15.9	15.5	15.4
65 and over	19.5	19.5	20.1	20.5	20.5
Total Households (in millions)	60.8	63.4	71.1	80.8	82.4
SOURCE: U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-20, No. 371 and earlier reports.					

	1960	1970	1980
Both Sexes	2898 (17.50%)	5071 (25.27%)	7139 (27.77%)
Female	2045 (22.58%)	3897 (33.45%)	5703 (37.17%)
Male	853 (11.37%)	1174 (13.95%)	1437 (13.87%)
SOURCE: U.S. Bureau of the Census. <u>U.S. Census of Population: 1960</u> , Subject Report PC(2)-4B, and current Population Reports, series P-20, No. 365 and earlier.			

TABLE 12. Persons 65-74 and 75 and Over as a Percent of Total Population, by State and Division, 1980			
Division and State	Total Population (in thousands)	Elderly as % of Population	
		65-74	75+
U.S.	226,546	6.98	4.40
New England	12,340	7.26	5.06
Maine	1,125	7.29	5.24
New Hampshire	921	6.73	4.45
Vermont	511	6.65	4.70
Massachusetts	5,737	7.37	5.30
Rhode Island	947	8.02	5.39
Connecticut	3,108	7.08	4.67
Middle Atlantic	36,787	7.52	4.85
New York	17,558	7.36	4.9
New Jersey	7,365	7.21	4.47
Pennsylvania	11,864	7.96	4.95
East North Central	41,682	6.49	4.29
Ohio	10,798	6.55	4.29
Indiana	5,490	6.38	4.10
Illinois	11,427	6.67	4.38
Michigan	9,262	6.01	3.84
Wisconsin	4,706	7.01	4.97
West North Central	17,183	7.28	5.51
Minnesota	4,076	6.62	5.43
Iowa	2,914	7.38	5.94
Missouri	4,917	7.75	5.43
N. Dakota	653	7.20	5.05
S. Dakota	691	7.38	5.93
Nebraska	1,570	7.26	5.86
Kansas	2,364	7.32	5.63
South Atlantic	36,959	7.48	4.34
Delaware	594	6.23	3.87
Maryland	4,217	5.86	3.51
D.C.	638	7.21	4.39
Virginia	5,347	5.95	3.50
W. Virginia	1,950	7.54	4.67
N. Carolina	5,882	6.60	3.67
S. Carolina	3,122	6.09	3.14
Georgia	5,463	6.06	3.40
Florida	9,746	10.87	6.43
East South Central	14,666	7.02	4.27
Kentucky	3,661	6.80	4.40
Tennessee	4,591	7.04	4.25
Alabama	3,894	7.14	4.16
Mississippi	2,521	7.14	4.32
West South Central	23,747	6.70	3.98
Arkansas	2,286	8.40	5.25
Louisiana	4,206	6.06	3.54
Oklahoma	3,025	7.44	4.99
Texas	14,229	5.95	3.68

TABLE 12 (continued)			
Division and State	Total Population (in thousands)	Elderly as % of Population	
		65-74	75+
Mountain	11,373	5.91	3.42
Montana	787	6.61	4.19
Idaho	944	6.14	3.71
Wyoming	470	4.89	2.98
Colorado	2,890	5.16	3.42
New Mexico	1,303	5.76	3.15
Arizona	2,718	7.43	3.86
Utah	1,461	4.65	2.81
Nevada	800	5.75	2.50
Pacific	31,800	6.21	3.96
Washington	4,132	6.36	4.07
Oregon	2,633	7.03	4.52
California	23,668	6.22	3.98
Alaska	402	1.97	0.75
Hawaii	965	5.07	2.80

III. PREVALENCE OF DEPENDENCY

	HIS	NNHS
Proportion of those dependent in eating who are also dependent in:		
Toileting	83.8%	73.8%
Dressing	91.5	95.8
Bathing	95.0	99.3
Mobility	90.9	95.3
Proportion of those dependent in toileting who are also dependent in:		
Dressing	91.4	94.5
Bathing	94.2	98.6
Mobility	93.1	93.9
Proportion of those dependent in dressing who are also dependent in:		
Bathing	85.8	98.8
Mobility	82.9	88.2
Proportion of those dependent in bathing who are also dependent in:		
Mobility	83.9	82.3
SOURCE: 1977 HIS and 1977 NNHS.		

Age	Personal Care ¹		Mobility ²		Household Activities ³		Health Services ⁴		Total Dependent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0-64	898,000	0.5	268,300	0.1	966,300	0.5	659,000	0.3	2,791,600	1.5
65-74	370,000	2.5	206,700	1.4	431,500	2.9	90,000	0.6	1,098,200	7.4
75+	710,800	8.5	336,300	4.0	708,200	8.4	107,500	1.3	1,862,800	22.1
Total	1,978,800	0.9	811,300	0.4	2,106,000	1.0	856,500	0.4	5,752,600	2.7
65+	1,080,800	4.6	543,100	2.3	1,139,700	4.9	197,500	0.8	2,961,000	12.7

SOURCE: 1979 HIS.

1. Self-reported or caretaker reported need for human assistance in bathing, dressing, toileting, eating or a combination of these and other activities. (Caretakers were the respondents for 45.2 percent of the individuals aged 65 years and over surveyed who reported dependency in personal care.)
2. Self-reported or caretaker reported need for human assistance in walking or going outside or a combination of these and other activities other than personal care as defined above. (Caretakers were the respondents for 30.8 percent of the individuals surveyed aged 65 years and over who reported dependency in mobility.)
3. Self-reported or caretaker reported need for human assistance in meal preparation, shopping, chores other than yard work, handling money or a combination of these and other activities excluding personal care and mobility as defined above. (Caretakers were the respondents for 21.6 percent of the combined group suffering dependency in household activities or health services administration, defined below.)
4. Self-reported or caretaker reported need for human assistance in administration of a variety of home administered health services (most predominantly injections). Individuals may suffer additional dependencies, excluding personal care, mobility or household activities as defined above. (Caretakers were the respondents for 21.6 percent of the combined group suffering dependency in household activities or health services administration. For persons aged 65 years and over suffering none of the dependencies shown in this table, caretakers were the respondents in 21.7 percent of cases.)

Population Size	Prevalence Rate				
	1%	5%	10%	15%	20%
100,000	100	100	100	100	100
250,000	100	100	90	80	75
500,000	100	85	60	18	40
1,000,000	100	60	42	13	27
1,500,000	90	50	35	11	23
2,000,000	75	45	30	10	20
3,000,000	65	35	24	8.5	16
5,000,000	53	27	19	6.5	12

EXAMPLE: If a rate of dependency is 5% and it corresponds to a population of 2 million the Standard Error would be 45% or 900,000.

SOURCE: Calculated from Vital and Health Statistics, Series 10, No. 136, Current Estimates from the National Health Interview Survey: United States, 1979, DHHS, Pub. No. (PHS) 81-1564, National Center for Health Statistics, Hyattsville, Maryland, April 1981, Figure IX, p. 56.

Dependency	1977 HIS Percent	1979 HIS Percent
No personal care help needed	95.1	95.6
Bathing	1.6	1.3
Dressing	1.5	1.2
Toileting	0.8	1.1
Eating	1.0	0.8
TOTAL	100.0	100.0

SOURCE: 1977 HIS and 1979 HIS.

Age	Eating		Transferring		Bathing		Dressing		Walking	
	Framingham	HIS	Framingham	HIS	Framingham	HIS	Framingham	HIS	Framingham	HIS
65-74	0%	0.4% ³	0%	0.9%	1%	2.0%	1%	1.4%	1%	3.9%
75-84	0%	0.8% ³	2%	2.6%	4%	5.1%	2%	3.3%	7%	8.4%

SOURCE: 1979 HIS and Framingham Disability Study. The Framingham data come from the third wave of the Massachusetts Health Care Panel study, a longitudinal investigation of the health and social needs of the noninstitutionalized elderly. The analyses are based on personal interviews conducted in the fall of 1980 with 825 survivors of the original panel (1,625 respondents, an 85% completion rate of the then-eligible members of the cohort). Members were all over the age of 70.

NOTES:

1. Jette and Branch, 1981.
2. Needs help from another person and/or special equipment.
3. Due to small sample sizes, the reliability of these estimates may be affected. Sample sizes are 58,200 for ages 65-74, and 57,800 for ages 75-84, which represent 29.2 and 29.0 unweighted cases, respectively.

TABLE 18. Number¹ and Percent of Noninstitutionalized Aged Who Are Unmarried, Live Alone or Are Poor by Dependency Level									
	Personal Care Dependent ²			Other Dependencies ³			Independent		
	Number	Percent	% of All Elderly	Number	Percent	% of All Elderly	Number	Percent	% of All Elderly
Unmarried	542,600	50.9	2.3	1,280,800	67.7	5.5	8,593,200	42.3	36.9
Lives Alone	175,200	16.4	0.8	717,500	37.9	3.1	5,928,600	29.2	25.4
Poor	252,700	23.7	1.1	713,900	37.7	3.1	4,405,200	21.7	18.9

SOURCE: 1979 HIS.

NOTES:

1. Percent standard error of many of these estimates is quite large. See Table 21A.
2. Includes those who need assistance in eating, continence, transferring, toileting, bathing and dressing.
3. Includes those who need assistance in walking, going outside, meal preparation, money management, household chores, shopping or administration of home delivered health services. (Help needed with infections was the most frequently reported health services dependency.)

TABLE 19. Numbers¹ of Persons and Rates of Dependency² by Race and Sex for Two Age Groups of the Noninstitutionalized Aged						
Race/Sex	All Dependencies				Total	
	65-74		75+			
	Number	Percent	Number	Percent	Number	Percent
Non-White Female	111,100	13.4	137,100	30.1	248,100	19.3
Non-White Male	72,100	11.1	58,000	19.1	130,700	13.6
White Female	594,500	7.8	1,164,400	24.0	1,758,900	14.1
White Male	318,600	5.5	500,700	17.8	819,300	9.5
TOTAL	1,096,300	7.3	1,860,800	22.1	2,957,100	12.7

SOURCE: 1979 HIS.

NOTES:

1. Percent standard error of many of these estimates is quite large See Table 21A.
2. Includes dependency in personal care (ADL), mobility, household activities and health services.

TABLE 20. Comparison of Metropolitan Residence in 1977 for Non-institutionalized Persons Needing Mobility or Personal Care Assistance and U.S. Civilian Population (Numbers in Millions, Percent of Total in Parentheses)					
	Mobility		Personal Care		U.S. Civilian Population (6/1/77 estimate)
	Needs Help Outside House	Needs Help Inside House	Needs Help Bathing or Dressing	Needs Help Toileting or Eating	
Living in Metropolitan Area	1.194 (68.5)	0.141 (66.8)	0.721 (66.5)	0.398 (60.6)	158.6 (73.3)
Living in Non-Metropolitan Area	0.550 (31.5)	0.070 (33.2)	0.364 (33.5)	0.259 (39.4)	57.8 (26.7)
All Persons	1.745 (100.0)	0.211 (100.0)	1.085 (100.0)	0.657 (100.0)	216.4 (100.0)

SOURCES: Persons need mobility or personal care assistance--date from 1977 Health Interview Survey; U.S. Civilian Population--Current Population Reports Series P-20 No. 336 "Population Characteristics," U.S. Bureau of the Census, April 1979. Totals may not add to 100 percent due to rounding.

See Table for description of hierarchial ordering of respondent by type of dependency.

TABLE 21. Number and Percent of Americans in 1977 Suffering Dependency in Personal Care or Mobility by Community Versus Nursing Home Residency					
	Mobility		Personal Care		Total
	Needs help outside house	Needs help inside house	Needs help bathing or dressing	Needs help toileting or eating	
Lives in Community	1,744,500 (98.1)	211,000 (97.9)	1,084,700 (69.9)	656,900 (49.5)	3,697,100 (75.9)
Lives in Nursing Homes	33,800 (1.9)	4,500 (2.1)	467,400 (30.0)	671,300 (50.5)	1,177,000* (24.1)
TOTAL	1,778,300 (100)	215,500 (100)	1,552,100 (100)	1,328,100 (100)	4,874,100 (100)

SOURCE: Merger of the 1977 Health Interview Survey and the 1977 National Nursing Home Survey. Entries may not equal totals due to rounding.

NOTE: Persons are classified by their most severe dependency, i.e., those who suffer dependency in toileting or eating may also be dependent in any other activity; those dependent in bathing or dressing may also be depending in any other activity except toileting or feeding; those dependent inside the house may also be dependent outside the house but are not dependent in personal care; and those dependent in mobility outside the house are dependent in no other activity included in this table.

* Excludes 125,700 institutionalized persons who suffer no personal care or mobility dependency. (See Table 6 and text).

TABLE 22. Synthetic Estimates of Prevalence Rates for Personal Care and Mobility Dependency

State	Total 1980 Population	Personal Care Assistance		Mobility Assistance		Total	
		Number	Percent	Number	Percent	Number	Percent
Alabama	3,890,061	51,844	1.3	35,869	.9	87,713	2.2
Alaska	400,481	2,079	.5	1,646	.4	3,725	.9
Arizona	2,717,866	34,616	1.3	24,353	.9	58,969	2.2
Arkansas	2,285,513	36,165	1.6	24,406	1.1	60,571	2.7
California	23,668,562	306,802	1.3	211,388	.9	518,190	2.2
Colorado	2,888,834	33,322	1.2	22,932	.8	56,254	2.0
Connecticut	3,107,576	46,303	1.5	31,532	1.0	77,835	2.5
Delaware	595,225	7,590	1.3	5,270	.9	12,860	2.2
D.C.	637,651	8,991	1.4	6,195	1.0	15,186	2.4
Florida	9,739,992	180,372	1.9	122,686	1.3	303,058	3.2
Georgia	5,464,265	63,248	1.2	44,425	.8	107,673	2.0
Hawaii	965,000	9,814	1.0	7,069	.7	16,883	1.7
Idaho	943,935	11,747	1.2	8,012	.9	19,759	2.1
Illinois	11,418,461	158,235	1.4	108,032	1.0	266,267	2.4
Indiana	5,490,179	74,445	1.4	50,688	.9	125,133	2.3
Iowa	2,913,387	50,466	1.7	32,759	1.1	83,225	2.8
Kansas	2,363,208	39,270	1.7	25,768	1.1	65,038	2.8
Kentucky	3,661,433	50,147	1.4	34,209	.9	84,356	2.3
Louisiana	4,203,972	49,236	1.2	34,315	.8	83,551	2.0
Maine	1,124,660	17,679	1.6	11,771	1.1	29,450	2.0
Maryland	4,216,446	50,515	1.2	35,586	.8	86,101	2.0
Massachusetts	5,737,037	91,923	1.6	61,367	1.1	153,290	2.7
Michigan	9,258,344	116,806	1.3	80,601	.9	197,407	2.2
Minnesota	4,077,148	62,737	1.5	41,287	1.0	104,024	2.5
Mississippi	2,520,638	34,225	1.4	23,310	.9	57,535	2.3
Missouri	4,917,444	79,234	1.6	52,928	1.1	132,162	2.7
Montana	786,690	10,834	1.4	7,301	.9	18,135	2.3
Nebraska	1,570,006	26,744	1.7	17,352	1.1	44,096	2.8
Nevada	799,184	7,886	1.0	5,898	.7	13,784	1.7
New Hampshire	920,610	12,932	1.4	8,770	1.0	21,702	2.4
New Jersey	7,364,158	105,297	1.4	72,890	1.0	178,187	2.4
New Mexico	1,299,968	14,288	1.1	10,054	.8	24,342	1.9
New York	17,557,288	266,060	1.5	181,104	1.0	447,164	2.5
North Carolina	5,874,429	72,358	1.2	50,898	.9	123,256	2.1
North Dakota	652,695	10,038	1.5	6,631	1.0	16,669	2.5
Ohio	10,797,419	148,488	1.4	101,558	.9	250,046	2.3
Oklahoma	3,025,266	45,678	1.5	30,751	1.0	76,429	2.5
Oregon	2,632,663	37,562	1.4	25,444	1.0	63,006	2.4
Pennsylvania	11,866,728	183,453	1.6	125,715	1.1	309,168	2.7
Rhode Island	947,154	15,555	1.6	10,459	1.1	26,014	2.7
South Carolina	3,119,208	34,592	1.1	24,636	.8	59,228	1.9
South Dakota	690,178	11,820	1.7	7,656	1.1	19,476	2.8
Tennessee	4,590,750	62,024	1.4	42,845	.9	104,869	2.3
Texas	14,228,383	170,780	1.2	118,236	.8	289,016	2.0
Utah	1,461,037	14,357	1.0	9,910	.7	24,267	1.7
Vermont	511,456	7,461	1.5	4,974	1.0	12,435	2.5

TABLE 22 (continued)							
State	Total 1980 Population	Personal Care Assistance		Mobility Assistance		Total	
		Number	Percent	Number	Percent	Number	Percent
Virginia	5,346,279	63,596	1.2	44,706	.8	108,302	2.0
Washington	4,130,163	54,993	1.3	37,543	.9	92,536	2.2
West Virginia	1,949,644	28,325	1.5	19,407	1.0	47,732	2.5
Wisconsin	4,705,335	70,963	1.5	47,369	1.0	118,332	2.5
Wyoming	470,816	4,999	1.1	3,456	.7	8,455	1.8
TOTAL		3,148,894	1.4	2,153,967	1.0	5,302,861	2.3

NOTE: There is no way to validate synthetic estimates. They are developed by assigning the prevalence rates of the dependent variable (dependency) found in demographic subgroups of a national survey to subgroup data available at the state level. Although efforts were made in the methodology employed for these estimates to adjust for sampling error variations among subgroups, there is no way to validate the implicit assumption that the correlations found in the national data between the classification variables and the dependent variable hold equally for all states. This is especially true for retirement states such as Florida, where the aged population is probably more healthy than in other states. That is, much of the Florida elderly population migrated from other states, possibly reflecting health and economic status characteristics which make them different from those who did not migrate. As alternative data bases are used to develop the national relationships, estimates are likely to vary somewhat. This is reflected in the following two tables which compare estimates produced by reliance first upon a merger of the 1977 National Health Interview Survey and the 1977 National Nursing Home Survey, and secondly, upon states mortality tables. For a more complete discussion of these issues see: Alan Unger and William Weissert, "Data for Long-Term Care Planning: Application of a Synthetic Estimation Technique," Urban Institute Working Paper No. 1466-24, revised May 1983.

TABLE 23. Comparison Between Age and Mortality Based Synthetic Estimates of Prevalence Rates for Personal Care Dependency¹ Aged Only (65 and over)

State	Total 1980 Population	Age-Based Model		Mortality-Based Model	
		Number	Percent	Number	Percent
Alabama	439,938	38,234	8.69	35,647	8.10
Alaska	11,530	834	7.23	811	7.03
Arizona	306,971	25,102	8.18	18,563	6.05
Arkansas	312,331	28,138	9.00	24,564	7.86
California	2,414,725	223,184	9.24	188,815	7.82
Colorado	247,151	23,591	9.55	20,060	8.11
Connecticut	364,864	34,690	9.51	30,243	8.29
Delaware	59,284	5,429	9.16	5,186	8.75
D.C.	77,202	6,698	8.68	6,458	8.70
Florida	1,684,972	144,394	8.57	105,595	6.27
Georgia	516,814	44,480	8.61	40,856	7.91
Hawaii	76,230	6,428	8.43	4,263	5.59
Idaho	93,680	8,565	9.14	6,724	7.18
Illinois	1,161,160	117,494	10.12	115,125	9.13
Indiana	585,425	55,119	9.42	53,671	9.17
Iowa	387,498	40,312	10.40	34,809	8.98
Kansas	306,179	31,010	10.10	26,202	8.56
Kentucky	409,853	37,463	9.14	36,097	8.81
Louisiana	403,939	35,008	8.67	33,935	8.40
Maine	140,918	13,725	9.74	12,397	8.80
Maryland	395,594	35,281	8.92	32,977	8.34
Massachusetts	726,531	71,207	9.80	63,183	8.70
Michigan	912,321	84,051	9.21	80,250	8.80
Minnesota	479,746	48,815	10.18	38,958	8.12
Mississippi	289,352	25,726	8.89	24,154	8.34
Missouri	648,289	61,861	9.54	57,539	8.88
Montana	84,559	8,100	9.58	7,576	8.96
Nebraska	205,576	21,379	10.40	18,348	8.93
Nevada	65,767	4,946	7.52	4,498	6.84
New Hampshire	102,967	9,715	9.44	8,712	8.46
New Jersey	794,666	77,645	9.77	74,554	8.67
New Mexico	115,690	9,883	8.54	7,762	6.71
New York	2,160,558	201,672	9.33	189,865	8.79
North Carolina	602,273	51,499	8.55	44,417	7.37
North Dakota	80,447	7,835	9.74	6,644	8.26
Ohio	1,169,437	109,514	9.36	107,324	9.18
Oklahoma	376,042	35,158	9.08	32,235	8.57
Oregon	303,294	28,340	9.34	23,915	7.89
Pennsylvania	1,531,107	138,675	9.06	136,863	8.94
Rhode Island	126,922	12,047	9.49	10,896	8.59
South Carolina	287,287	23,735	8.26	21,268	7.40
South Dakota	91,014	9,447	10.38	7,828	8.60
Tennessee	517,524	45,825	8.85	40,295	7.79
Texas	1,371,040	122,596	8.94	106,749	7.79
Utah	109,220	9,750	8.92	8,186	7.49
Vermont	58,166	5,718	9.83	5,039	8.67

TABLE 23 (continued)					
State	Total 1980 Population	Age-Based Model		Mortality-Based Model	
		Number	Percent	Number	Percent
Virginia	505,204	44,646	8.84	41,034	8.12
Washington	431,417	40,552	9.40	34,023	7.89
West Virginia	237,868	21,299	8.95	21,210	8.92
Wisconsin	564,228	54,625	9.68	47,428	8.41
Wyoming	37,218	3,452	9.28	3,116	8.37

SOURCE: 1980 Unpublished U.S. Census Data.

1. See notes from previous table.

TABLE 24. Comparison Between Age and Mortality Based Synthetic Estimates of Prevalence Rates for Mobility Dependency¹ Aged Only (65 and over)

State	Total 1980 Population	Age-Based Model		Mortality-Based Model	
		Number	Percent	Number	Percent
Alabama	439,938	23,312	5.30	22,412	5.09
Alaska	11,530	535	4.64	537	4.66
Arizona	306,971	15,591	5.08	12,803	4.17
Arkansas	312,331	16,985	5.44	15,496	4.96
California	2,414,725	133,539	5.53	1,118,015	4.89
Colorado	247,151	13,981	5.66	12,245	4.95
Connecticut	364,864	20,570	5.64	18,602	5.10
Delaware	59,284	3,254	5.49	3,184	5.37
D.C.	77,202	4,033	5.22	4,038	5.44
Florida	1,684,972	88,644	5.26	72,070	4.28
Georgia	516,814	27,173	5.26	26,195	5.07
Hawaii	76,230	3,947	5.18	2,933	3.85
Idaho	93,680	5,136	5.48	4,326	4.62
Illinois	1,161,160	70,174	6.04	69,087	5.48
Indiana	585,425	32,828	5.61	32,218	5.50
Iowa	387,498	23,368	6.03	20,673	5.33
Kansas	306,179	18,112	5.92	15,711	5.13
Kentucky	709,853	22,523	5.50	22,059	5.38
Louisiana	403,939	21,373	5.29	21,352	5.28
Maine	140,918	8,103	5.75	7,492	5.32
Maryland	395,594	21,327	5.39	20,728	5.24
Massachusetts	726,531	36,442	5.02	38,334	5.28
Michigan	912,321	50,333	5.52	48,738	5.34
Minnesota	479,746	28,468	5.93	23,918	4.99
Mississippi	289,352	15,587	5.39	15,150	5.24
Missouri	648,289	36,757	5.67	34,819	5.37
Montana	84,559	7,789	5.66	4,460	5.27
Nebraska	205,576	12,396	6.03	10,901	5.30
Nevada	65,767	3,141	4.78	2,957	4.50
New Hampshire	102,967	5,783	5.62	5,323	5.17
New Jersey	794,666	46,785	5.89	45,340	5.27
New Mexico	115,690	6,048	5.23	5,085	4.40
New York	2,160,558	120,515	5.58	115,275	5.33
North Carolina	602,273	31,519	5.23	29,108	4.83
North Dakota	80,447	4,622	5.75	4,019	5.00
Ohio	1,169,437	65,289	5.58	64,555	5.52
Oklahoma	376,042	21,011	5.59	19,694	5.23
Oregon	303,294	16,894	5.57	14,908	4.92
Pennsylvania	1,531,107	83,496	5.45	83,076	5.42
Rhode Island	126,922	7,160	5.64	6,688	5.27
South Carolina	287,287	14,667	5.11	14,107	4.91
South Dakota	91,014	5,481	6.0	4,723	5.19
Tennessee	517,524	27,792	5.37	25,786	4.98
Texas	1,371,040	74,153	5.41	67,716	4.94
Utah	109,220	5,899	5.40	5,136	4.70
Vermont	58,166	3,367	5.79	3,064	5.27

TABLE 24 (continued)					
State	Total 1980 Population	Age-Based Model		Mortality-Based Model	
		Number	Percent	Number	Percent
Virginia	505,204	27,054	5.35	25,965	5.14
Washington	431,417	24,085	5.58	21,091	4.89
West Virginia	237,868	12,875	5.41	12,875	5.41
Wisconsin	564,228	32,290	5.72	28,951	5.13
Wyoming	37,218	2,060	5.53	1,901	5.11

SOURCE: 1980 Unpublished U.S. Census Data.

1. See notes from previous table.

IV. ECONOMIC STATUS OF THE ELDERLY AND IMPAIRED

TABLE 25. Distribution of Income by Family Characteristics for Families with Head Aged 65 and Over (1976 data)				
Family Characteristics	Income Class (1976 dollars)			
	Up to \$5,000	\$5,000-10,000	\$10,000-15,000	\$15,000 or above
HEAD AGED 65-74				
Single Person Household				
Percent of families	64.5	25.8	5.8	3.9
Mean Income	\$2,959	\$6,901	\$12,079	\$23,338
Mean Wages	\$155	\$1189	\$2758	\$6,234
Wage as % of income	5.3	17.2	22.8	26.7
Two Person Household				
Percent of families	18.8	40.8	19.2	21.2
Mean Income	\$3,675	\$7,296	\$12,334	\$26,404
Mean Wages	\$207	\$949	\$3,339	\$9,395
Wage as % of income	5.6	13.0	27.1	35.6
HEAD AGED 75 OR ABOVE				
Single Person Household				
Percent of families	76.5	17.3	3.2	3.0
Mean Income	\$2,830	\$6,820	\$12,025	\$25,962
Mean Wages	\$34	\$263	\$888	\$3,333
Wage as % of income	1.2	3.9	7.4	12.8
Two Person Household				
Percent of families	29.1	44.3	13.5	13.1
Mean Income	\$3,652	\$7,000	\$12,027	\$27,560
Mean Wages	\$63	\$381	\$1,047	\$3,915
Wage as % of income	1.7	5.4	8.7	14.2
SOURCE: Survey of Income and Education.				

TABLE 26. Distribution of Income for Elderly Couples and Individuals by Age of Head (1976 Data)					
Income Level	Age of Head				
	65-69	70-74	75-79	80-84	85 and Above
\$2500 and less	11.7%	12.3%	16.7%	22.1%	29.1%
\$2501 - 5000	24.4	32.5	37.1	39.5	41.0
\$5001 - 10,000	33.3	34.5	29.6	27.1	20.3
\$10,000 - 15,000	15.0	10.5	8.6	5.3	4.8
\$15,001 and above	15.5	10.3	8.0	5.9	4.7
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%
SOURCE: Survey of Income and Education.					

TABLE 27. Percentage of Homeowners by Income and Family Characteristics (1976 data)				
Family Characteristics	Income Class			
	Up to \$5,000	\$5,000-10,000	\$10,000-15,000	\$15,000 or above
Head Aged 65-74				
Single Person Household	54.8	64.0	70.1	63.1
Two Person Household	76.5	83.7	85.2	85.2
Head Aged 75 and Above				
Single Person Household	56.7	63.8	60.7	73.1
Two Person Household	76.6	80.7	83.9	80.0
SOURCE: Survey of Income and Education.				

TABLE 28. Average Interest and Dividend Income by Income and Family Characteristics (1976 data)				
Family Characteristics	Income Class			
	Up to \$5,000	\$5,000-10,000	\$10,000-15,000	\$15,000 or above
Head Aged 65-74				
Single Person Household	\$278	\$1515	\$3636	\$9,317
Two Person Household	235	866	1,907	6,783
Head Aged 75 and Above				
Single Person Household	317	2,227	4,635	12,791
Two Person Household	255	1,043	3,286	10,094
SOURCE: Survey of Income and Education.				

TABLE 29. Mean Resources of Elderly by Age and Family Size Using Alternative Definitions of Resources (1976 data)						
Resource Definition	Age of Head					
	65-69	70-74	75-79	80-84	85%	All Elderly
Elderly Persons Living Alone						
Income Minus Earnings	4052	4509	4277	3895	3950	4191
Income Minus Earnings Plus Food Stamps	4072	4523	4292	3909	3969	4207
Income Minus Earnings Plus Food Stamps and Partial 10 year annuity*	4959	5620	5309	4791	5159	5204
Income Minus Earnings Plus Food Stamps and full 10 year annuity*	6324	6993	6594	6001	6272	6508
Elderly Couple						
Income Minus Earnings	7075	8051	7831	8028	6671	7438
Income Minus Earnings Plus Food Stamps	7090	8065	7846	8042	6681	7452
Income Minus Earnings Plus Food Stamps and partial 10 year annuity*	8855	10117	9743	10377	8245	9323
Income Minus Earnings Plus Food Stamps and Full 10 year annuity*	11676	12847	12230	12742	10438	11986
SOURCE: Survey of Income and Education.						
* Partial annuity is based on all assets other than the home. Full annuity includes net worth of home in calculations.						

TABLE 30. Distribution of Resources Among Nonworking Individuals Living Alone by Age Using Alternative Definitions of Resources (1976 Data)			
Resource Level	Income	Income Minus Earnings Plus Food Stamps and Partial 10 Year Annuity*	Income Minus Earnings Plus Food Stamps and Full 5 Year Annuity*
Individuals Aged 65 through 74			
\$2,500 or less	27.6%	24.2%	16.8%
\$2,501 to \$5,000	44.4	41.9	28.9
\$5,001 to \$10,000	21.4	22.0	24.5
\$10,001 to \$15,000	4.4	7.0	12.9
\$15,000 and above	2.2	4.9	16.9
TOTAL	100.0	100.0	100.0
Individuals Aged 75 and Above			
\$2,500 or less	32.8%	28.9%	19.4%
\$2,501 to \$5,000	47.2	44.4	30.6
\$5,001 to \$10,000	15.7	17.8	25.6
\$10,001 to \$15,000	2.5	5.4	11.2
\$15,000 and above	1.8	3.6	13.2
TOTAL	100.0	100.0	100.0
SOURCE: Survey of Income and Education.			
* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations.			

TABLE 31. Percentage of Income Available for Discretionary Purposes by Age and Household Characteristics					
Family Characteristics	Income Class (1976 Dollars)*				
	Up to \$2,500	\$2,500-5,000	\$5,000-10,000	\$10,000-15,000	\$15,000 or Above
Head Aged 65-74					
Single Person Household	1%	33%	52%	69%	77%
Two Person Household	0	23	52	64	75
Head Aged 75 and Above					
Single Person Household	9	30	57	68	83
Two Person Household	0	32	55	68	77
SOURCE: Survey of Consumer Expenditures.					
* Information is based on 1973 data but expressed in 1976 dollars. The inflator used is median income of persons 65 and over.					

TABLE 32. Average Income of Families with Impaired Persons by Definition of Impairment and Relationship of Impaired Persons to Family Head (1976 Data)			
Relationship of Impaired Person to Family Head	Definition of Impairment		
	Needs Help With Personal Care	Has Problems With Mobility	Has Either Personal Care or Mobility Problems
Head	\$9,420	\$9,449	\$9,537
Wife	10,789	11,294	11,310
Child	13,273	13,363	13,181
Other Relative	13,574	13,921	13,566
Primary Individual	3,972	3,834	3,885
ALL PERSONS	10,531	9,983	10,073

SOURCE: Survey of Income and Education

TABLE 33. Distribution of Resources and Average Resources by Alternative Definitions for All Families With Impaired Members (1976 Data)				
Family Resource Level	Income	Income Minus Earnings of Impaired Person	Income Minus Earnings Plus Food Stamps and Partial Annuity*	Income Minus Earnings Plus Food Stamps and Full Annuity*
\$2,500 and less	13.1%	15.3%	12.8%	9.8%
\$2,501 to \$5,000	23.3	23.9	23.4	19.3
\$5,001 to \$7,500	16.1	16.1	16.1	14.7
\$7,501 to \$10,000	11.4	11.1	11.5	11.9
\$10,001 to \$15,000	14.8	14.4	15.1	16.8
\$15,001 and above	21.3	19.2	21.2	27.5
TOTAL	100.0	100.0	100.0	100.0
AVERAGE	\$10,073	\$9,447	\$10,340	\$12,112

SOURCE: Survey of Income and Education.

* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations. Annuities are assured to have a 10-year term.

TABLE 34. Average Family Resource Levels and Family Size by Age and Relationship to Head of Impaired Persons (1976 Data)					
Relationship to Head and Age of Impaired Person	Income	Income Minus Impaired Person Earnings	Income Minus Earnings Plus Food Stamps and Partial Annuity*	Income Minus Earnings Plus Food Stamps and Full Annuity*	Average Family Size
Head or Spouse	\$10,223	\$9,247	\$10,211	\$12,105	2.8
Age 44 and under	10,582	8,234	8,722	9,931	4.2
45 to 64	11,965	10,370	11,132	13,172	3.0
65 to 74	9,072	8,718	9,784	11,724	2.4
75 and above	8,726	8,606	9,954	11,891	2.3
Child	13,181	12,783	13,566	15,429	4.4
Other Relative	13,565	13,316	14,312	16,479	3.2
64 and under	10,274	9,574	10,184	11,733	3.1
65 and above	14,655	14,558	15,682	18,055	3.3
Primary Individual	3,885	3,557	4,246	5,247	1.0
64 and under	3,929	2,957	3,244	4,046	1.0
65 and above	3,872	3,757	4,578	5,645	1.0
All Persons	10,072	9,448	10,339	12,110	2.8

SOURCE: Survey of Income and Education.

* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations. Annuities are assured to have a 10-year term.

TABLE 35. Distribution of Resources by Alternative Definitions of Resources When Impaired Person is Head or Spouse Under Age 65 (1976 Data)				
Family Resource Level	Income	Income Minus Earnings of Impaired Person	Income Minus Earnings Plus Food Stamps and Partial Annuity*	Income Minus Earnings Plus Food Stamps and Full Annuity*
\$2,500 and less	5.0%	10.4%	8.1%	5.6%
\$2,501 - \$5,000	19.0	21.4	20.5	17.2
\$5,001 - \$7,500	13.5	14.5	15.9	14.3
\$7,501 - \$10,000	15.1	14.6	14.0	13.1
\$10,000 - \$15,000	19.5	18.3	19.4	20.4
\$15,001 and above	27.8	20.6	22.0	29.4
TOTAL	100.0	100.0	100.0	100.0

SOURCE: Survey of Income and Education.

* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations. Annuities are assured to have a 10-year term.

TABLE 36. Distribution of Resources by Alternative Definitions of Resources When Impaired Person is Head or Spouse Aged 65 or Over (1976 Data)				
Family Resource Level	Income	Income Minus Earnings of Impaired Person	Income Minus Earnings Plus Food Stamps and Partial Annuity*	Income Minus Earnings Plus Food Stamps and Full Annuity*
\$2,500 and less	3.3%	3.7%	3.0%	2.2%
\$2,501 - \$5,000	28.0	18.8	25.8	17.4
\$5,001 - \$7,500	27.1	27.4	25.4	19.6
\$7,501 - \$10,000	14.8	14.7	15.5	17.1
\$10,000 - \$15,000	13.9	13.6	14.9	19.6
\$15,001 and above	12.9	12.4	15.5	24.1
TOTAL	100.0	100.0	100.0	100.0

SOURCE: Survey of Income and Education.

* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations. Annuities are assured to have a 10-year term.

TABLE 37. Distribution of Resources by Alternative Definitions of Resources When Impaired Person is Child or "Other" Relative¹ of Household Head (1976 Data)				
Family Resource Level	Income	Income Minus Earnings of Impaired Person	Income Minus Earnings Plus Food Stamps and Partial Annuity²	Income Minus Earnings Plus Food Stamps and Full Annuity²
\$2,500 and less	9.2%	10.1%	8.0%	5.8%
\$2,501 - \$5,000	12.4	12.3	12.2	10.9
\$5,001 - \$7,500	14.3	14.3	14.5	12.3
\$7,501 - \$10,000	10.8	11.0	11.4	10.3
\$10,000 - \$15,000	19.2	19.1	18.7	18.9
\$15,001 and above	34.2	33.3	35.3	41.9
TOTAL	100.0	100.0	100.0	100.0

SOURCE: Survey of Income and Education.

1. "Other" relative means a relative other than wife or child. In most cases this will be a parent of the head or spouse.
2. Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations. Annuities are assured to have a 10-year term.

TABLE 38. Distribution of Resources by Alternative Definitions of Resources When Impaired Person Lives Alone (1976 Data)				
Family Resource Level	Income	Income Minus Earnings of Impaired Person	Income Minus Earnings Plus Food Stamps and Partial Annuity*	Income Minus Earnings Plus Food Stamps and Full Annuity*
\$2,500 and less	41.0%	44.4%	38.7%	31.0%
\$2,501 - \$5,000	41.6	41.3	43.6	38.8
\$5,001 - \$7,500	8.4	7.1	7.5	13.7
\$7,501 - \$10,000	3.8	2.9	3.7	6.9
\$10,000 - \$15,000	3.1	2.6	3.7	5.3
\$15,001 and above	2.0	1.7	2.7	4.3
TOTAL	100.0	100.0	100.0	100.0

SOURCE: Survey of Income and Education.

* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations. Annuities are assured to have a 10-year term.

TABLE 39. Distribution of Resources Among Nonworking Elderly Couples by Age Using Alternative Definitions of Resources (1976 Data)			
Resource Level	Income	Income Minus Earnings Plus Food Stamps and Partial 10 Year Annuity*	Income Minus Earnings Plus Food Stamps and Full 5 Year Annuity*
Couples with Head Aged 65 through 74			
\$2,500 or less	2.6%	1.9%	1.9%
\$2,501 to \$5,000	24.7	22.3	11.4
\$5,001 to \$10,000	48.4	44.2	24.0
\$10,000 to \$15,000	14.4	15.9	22.2
\$15,000 and above	9.9	15.8	41.2
TOTAL	100.0	100.0	100.0
Couples with Head Aged 75 and Above			
\$2,500 or less	3.4	3.1	1.7
\$2,501 to \$5,000	29.8	26.3	13.4
\$5,001 to \$10,000	46.4	43.8	27.6
\$10,000 to \$15,000	12.0	12.6	22.1
\$15,000 and above	8.3	14.2	35.1
TOTAL	100.0	100.0	100.0

SOURCE: Survey of Income and Education.

* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations.

TABLE 40. Distribution of Income for Elderly Couples and Individuals Without Earnings by Age of Head (1976 Data)					
Income Level	Age of Head				
	65-69	70-74	75-79	80-84	85 and Above
\$2500 and less	18.5%	15.5%	19.5%	24.5%	31.1%
\$2501 - 5000	33.2	38.3	41.2	41.3	41.9
\$5001 - 10,000	33.4	32.7	27.9	25.9	20.0
\$10,000 - 15,000	9.3	8.2	7.1	4.4	3.8
\$15,001 and above	5.7	5.4	4.4	3.9	3.1
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%

SOURCE: Survey of Income and Education.

TABLE 41. Mean Resources of Elderly by Age and Family Size for Two Combined Definitions of Resources* (1976 Data)		
Family Characteristics	Alternative 1 Using Only Nonearners	Alternative 2 Using Income Minus Earnings
Head Aged 65-74		
Single Person Household	\$6,882	\$6,649
Two Person Household	5,748	3,875
Head Aged 75 and Above		
Single Person Household	6,439	6,176
Two Person Household	4,627	4,690

SOURCE: Survey of Income and Education and Survey of Consumer Expenditures.

* These definitions use 10 year annuities. For the single person households the full annuity is used and no adjustments are made for necessary expenditures. For couples, the partial 10 year annuity is used and necessities are subtracted from the measure. See the test for additional details.

TABLE 42. Mean Resources of Nonworking Elderly by Family by Family Size and Selected Characteristics Using Alternative Definitions of Resources (1976 data)						
Resource Definition	Homeownership Status		Race		Sex	
	Own	Rent	White	Other	Male	Female
Elderly Persons Living Alone						
Income	\$4,543	\$3,976	\$4,403	\$2,740	\$4,863	\$4,134
Income Plus Food Stamps and Partial 10-Year Annuity*	5,774	4,630	5,542	3,015	5,761	5,128
Income Plus Food Stamps and Full 10-Year Annuity*	7,975	4,630	6,782	3,461	6,984	6,405
Income Plus Food Stamps and Full 5-Year Annuity*	11,268	5,548	9,198	4,096	9,116	8,705
Elderly Couples						
Income	8,459	7,633	8,430	5,127	8,261	--**
Income Plus Food Stamps and Partial 10-Year Annuity*	10,631	9,295	10,407	5,387	10,150	--
Income Plus Food Stamps and Full 10-Year Annuity*	13,546	9,295	13,007	6,377	12,667	
Income Plus Food Stamps and Full 5-Year Annuity*	18,537	13,142	17,658	7,350	17,130	--
SOURCE: Survey of Income and Education						
* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations.						
** The SIE automatically considers a male to be family head, if present.						

TABLE 43. Mean Resources of Nonworking Elderly by Age and Family Size Using Alternative Definitions of Resources (1976 Data)					
Income Level	Age of Head				
	65-69	70-74	75-79	80-84	85 and Above
Elderly Persons Living Alone					
Income	4,468	4,583	4,226	3,839	3,803
Income Plus Food Stamps and Partial 10 Year Annuity*	5,409	5,666	5,181	4,672	4,888
Income Plus Food Stamps and Full 10 Year Annuity*	6,716	7,025	6,443	5,842	5,995
Income Plus Food Stamps and Full 5 Year Annuity*	8,951	9,516	8,681	7,842	8,314
Income Plus Food Stamps and Full Value of Assets	44,199	45,003	41,504	39,724	42,689
Elderly Couples					
Income	8,612	8,657	7,938	7,905	6,416
Income Plus Food Stamps and Partial 10 Year Annuity*	10,317	10,756	9,742	10,093	7,723
Income Plus Food Stamps and Full 10 Year Annuity*	12,930	13,442	12,114	12,388	9,939
Income Plus Food Stamps and Full 5 Year Annuity*	17,183	18,328	16,352	17,141	13,351
Income Plus Food Stamps and Full Value of Assets	56,694	67,749	58,098	58,808	48,085
SOURCE: Survey of Income and Education.					
* Partial annuity is based on all assets except the home. Full annuity includes net worth of home in calculations.					

TABLE 44. Persons With and Without Health Insurance: Percent Distribution by Age (NMCES: Household Data, 1977)				
Age	Population in Thousands	Total	Percent Distribution	
			Without Insurance Coverage	With Insurance Coverage
All ages	211,513	100.00	12.6	87.4
1 - 64	189,443	100.00	13.5	86.6
65 and Over	22,070	100.00	4.3	95.7

SOURCE: National Center for Health Services Research.

TABLE 45. Uninsured Persons, Family Setting, and Insurance Coverage of Other Family Members: Percent Distribution by Type of Coverage (NMCES: Household Data, 1977)								
Age	Type of Coverage in Families of Uninsured Persons							Unrelated Individual Without Insurance
	Population in Thousands	Medicare Only or With Private or Other Insurance	Medicaid Only or With Private or Other Insurance	Both Medicare and Medicaid or Both With Private or Other Insurance	Private Insurance Only or Private With Other Insurance Excluding Medicare and Medicaid	Other Public Insurance Only	No Insurance	
All Persons	26,560	7.2	5.9	2.3	28.1	1.0*	43.2	12.2
1 - 64	25,605	6.9	5.9	2.4	28.2	1.0*	44.0	11.6
65 and Over	955	16.3	4.8	0.7*	26.6	0.5*	22.8	28.2

SOURCE: National Center for Health Services Research.

* Relative Standard error equal to or greater than 30 percent

V. LONG-TERM CARE INSTITUTIONS AND USE OF LONG-TERM CARE INSTITUTIONS

TABLE 46. Number of Persons and Percent of U.S. Population Residing in Long-Term Care Institutions as Reported by Census of Population						
	1950		1960		1970	
	Persons	Percent of Population	Persons	Percent of Population	Persons	Percent of Population
All Ages						
All LTC Institutions	1,161,974	0.76	1,406,266	0.78	1,670,167	0.82
Nursing Homes	296,783	0.20	469,717	0.26	927,514	0.46
With Nursing Care	N/A	N/A	200,609	0.11	298,881	0.15
Not Known to have Nursing Care	N/A	N/A	269,108	0.15	628,633	0.31
Mental Institutions ¹	747,817	0.50	804,773	0.44	635,882	0.31
TB & Chronic Diseases	96,375	0.06	107,485	0.06	84,032	0.04
Physically Handicapped	20,999	0.01	5,486	0.003	6,879	0.003
Blind & Deaf	N/A	N/A	18,805	0.01	15,860	0.008
Under 65						
All LTC Institutions	783,459	0.56	798,349	0.49	710,330	0.38
Nursing Homes	79,247	0.06	81,764	0.05	131,707	0.07
With Nursing Care	N/A	N/A	27,830	0.02	41,573	0.02
Not Known to have Nursing Care	N/A	N/A	53,934	0.03	90,134	0.05
Mental Institutions	602,287	0.44	622,171	0.37	512,112	0.28
TB & Chronic Disease	80,926	0.06	70,123	0.04	43,772	0.02
Physically Handicapped	N/A	N/A	N/A	N/A	N/A	N/A
Blind & Deaf	N/A	N/A	N/A	N/A	N/A	N/A
65 & Over						
All LTC Institutions	378,515	3.05	607,917	3.64	959,837	4.78
Nursing Homes	217,536	1.77	387,953	2.32	795,807	3.96
With Nursing Care	N/A	N/A	172,779	1.03	257,308	1.28
Not Know to have Nursing Care	N/A	N/A	215,174	1.29	538,499	2.68
Mental Institutions	145,530	1.19	182,602	1.09	123,770	0.62
TB & Chronic Disease	15,449	0.13	37,362	0.22	40,260	0.20
Physically Handicapped	N/A	N/A	N/A	N/A	N/A	N/A
Blind & Deaf	N/A	N/A	N/A	N/A	N/A	N/A
SOURCE: U.S. Bureau of the Census, U.S. Census of Population: 1950. Vol. IV, <u>Special Reports</u> , Part 2, Chapter C, Institutional Population. U.S. Government Printing Office, Washington, D.C., 1953.						
U.S. Bureau of the Census, U.S. Census of Population: 1960. <u>Subject Reports</u> : Final Report PC(2)-8A: Inmates of Institutions, U.S. Government Printing Office, Washington, D.C., 1963.						
U.S. Bureau of the Census, U.S. Census of Population: 1970. <u>Subject Reports</u> : Final Report PC(2)-4E: Persons in Institutions and Other Group Quarters, U.S. Government Printing Office, Washington, D.C., 1973.						
1. Includes mental hospitals, facilities for mentally impaired and residential treatment centers.						

TABLE 47. Percent of the Elderly in Institutions by Age Cohort, 1950-1970			
Age Group	1950	1960	1970
65-69	1.8%	1.8%	1.7%
70-74	2.6%	2.6%	2.7%
75-79	4.3%	4.3%	5.1%
80-84	6.6%	7.8%	10.2%
85+	11.7%	12.6%	17.9%

SOURCE: U.S. Bureau of the Census, U.S. Census of Population: 1950. Vol. IV, Special Reports, Part 2, Chapter C, Institutional Population. U.S. Government Printing Office, Washington, D.C., 1953.

U.S. Bureau of the Census, U.S. Census of Population: 1960. Subject Reports: Final Report PC(2)-8A: Inmates of Institutions, U.S. Government Printing Office, Washington, D.C., 1963.

U.S. Bureau of the Census, U.S. Census of Population: 1970. Subject Reports" Final Report PC(2)-4E: Persons in Institutions and Other Group Quarters. U.S. Government Printing Office, Washington, D.C., 1973.

**TABLE 48. Components of Institutional Population Growth
Persons 65 and Over, 1950-1970**

Factor	1950-1960		1960-1970	
	Average Annual Growth Rate	Percent of Institutional Growth Attributable to this Factor	Average Annual Growth Rate	Percent of Institutional Growth Attributable to this Factor
Growth of Population 65 and over	3.00%	64.2%	1.86%	41.1%
Increase in Rate of Institutionalization	1.67	35.8	2.67	58.9
Change in Age Composition of Population 65 and Over	0.39	8.4	.91	20.1
Change in Age Adjusted Rate of Institutionalization	1.28	27.4	1.76	38.8
Total Institutional Population				
Persons 65 and Over	4.67%	100.0%	4.53%	100.0%

SOURCE: Calculated from data in the 1950, 1960, and 1970 Censuses of Institutions.

U.S. Bureau of the Census, U.S. Census of Population: 1950. Vol. IV Special Reports, Part 2 Chapter C, "Institutional Population." U.S. Government Printing Office. Washington, D.C., 1953.

U.S. Bureau of the Census, U.S. Census of Population: 1960. Subject Reports: Final Report PC(2)-8A, "Inmates of Institutions," U.S. Government Printing Office. Washington, D.C., 1963.

U.S. Bureau of the Census, U.S. Census of Population: 1970. Subject Reports: Final Report PC(2)-4E, "Persons in Institutions and Other Group Quarters." U.S. Government Printing Office, Washington, D.C., 1973.

1. The increase in the rate of institutionalization due to the change in the age composition of the population 65 and over is computed as:

$$\%_{\text{age composition}} = \frac{1}{10} \ln \left(\frac{U^{t_2}}{U^{t_1}} \right)$$

where

$$U^{t_k} = \sum_{i=1}^n u_i * P_i^{t_k}$$

and u_i is the utilization rate for persons in the i th age interval (e.g., 65-69) in the base year (1950 or 1960).

$P_i^{t_k}$ is the proportion of the 65+ population that is in the i th age interval in year t_k .

2. The increase in the rate of institutionalization due to the change in the age adjusted rate of institutionalization is computed as the difference in average annual growth in the rate of institutionalization for persons 65 and over and the average annual growth in the rate of institutionalization due to the change in the age composition of the population 65 and over.

TABLE 49. Proportion of Aged Recipients in Nonmedical Facilities to Total SSI Recipients, by State December 1979			
	SSI DCF	SSI Recipients in Nonmedical Facilities per Elderly	Rank
California	58,483	24.22	2
Delaware	395	6.69	9
District of Columbia	716	9.68	7
Hawaii	1,469	19.33	3
Iowa	86	.22	15
Maine	2,573	18.25	5
Massachusetts	4,674	6.43	10
Michigan	16,915	18.55	4
Montana	662	7.79	8
Nevada	233	3.53	12
New Jersey	4,740	5.51	11
New York	28,306	13.10	6
Pennsylvania	908	0.59	14
Vermont	1,534	26.45	1
Wisconsin	1,503	2.66	13
TOTAL	123,197	4.82	
SOURCE: Data provided by Division of Supplemental Security Studies, Office of Research, Demonstration and Statistics, Social Security Administration.			

TABLE 50. Utilization of Facilities for the Mentally Impaired by Age						
	1950		1960		1970	
	Number	Percent of Population	Number	Percent of Population	Number	Percent of Population
All Ages						
Total Mental Hospitals	613,628	0.41%	624,724	0.34%	424,091	0.21%
Federal	59,847	0.04%	63,226	0.03%	42,953	0.02%
State, County, City	537,413	0.36%	541,625	0.30%	349,514	0.17%
Private	16,368	0.01%	19,873	0.01%	31,624	0.02%
Residential Treatment Centers	N/A	N/A	5,322	0.003%	9,799	0.005%
Facilities for Mentally Handicapped	134,189	0.9%	174,727	0.10%	201,992	0.10%
Total	747,817		804,733		635,882	
Persons Under 65						
Total Mental Hospitals	472,282	0.34%	447,437	0.27%	311,246	0.17%
Federal	57,173	0.04%	50,707	0.03%	33,145	0.02%
State, County, City	405,591	0.29%	385,564	0.23%	254,592	0.14%
Private	9,518	0.01%	11,166	0.01%	23,509	0.01%
Residential Treatment Centers	N/A	N/A	4,769	0.003%	9,601	0.005%
Facilities for Mentally Handicapped	130,005	0.09%	169,965	0.10%	191,265	0.10%
Total			622,171		512,112	
Persons 65 and Over						
Total Mental Hospitals	141,346	1.15%	177,287	1.06%	112,845	0.56%
Federal	2,674	0.02%	12,519	0.07%	9,808	0.05%
State, County, City	131,822	1.07%	156,061	0.93%	94,922	0.47%
Private	6,850	0.06%	8,707	0.05%	8,115	0.04%
Residential Treatment Centers	N/A	N/A	553	0.003%	198	0.001%
Facilities for Mentally Handicapped	4,184	0.03%	4,762	0.03%	10,727	0.05%
Total			182,602		123,770	
SOURCE: U.S. Bureau of the Census, U.S. Census of Population: 1950. Vol. IV, <u>Special Reports</u> , Part 2, Chapter C, Institutional Population. U.S. Government Printing Office, Washington, D.C., 1963.						
U.S. Bureau of the Census, U.S. Census of Population: 1960. <u>Subject Reports</u> : Final Report PC(2)-8A: Inmates of Institutions, U.S. Government Printing Office, Washington, D.C., 1963.						
U.S. Bureau of the Census, U.S. Census of Population: 1970. <u>Subject Reports</u> : Final Report PC(2)-4E: Persons in Institutions and Other Group Quarters, U.S. Government Printing Office, Washington, D.C., 1973.						

TABLE 51. Number and Percent Change in Inpatient Days of Care in Mental Health Facilities, United States 1971, 1973, 1975				
Type of Hospital	Patient Days (in 000's)			% Change 1971-1975
	1971	1973	1975	
Total	153,105	125,906	104,908	-31.5
Psychiatric Hospital Total	132,784	104,648	82,009	-38.2
State & County Hospital	119,200	92,210	70,584	-40.8
Private Hospitals	4,220	4,108	4,401	+4.3
VA Hospitals	9,364	8,331	7,024	-25.0
General Hospital Psychiatric Units				
VA Hospitals	4,913	4,654	4,701	-4.3
Other	6,826	6,990	8,349	+22.3
Residential Treatment Center	6,356	6,338	5,900	-7.2
Community Mental Health Centers	2,225	3,276	3,948	+77.4
SOURCE: Howard H. Goldman, Carl A. Taube, and Daniel A. Regier, "The Present and the Future Role of the State Mental Hospital: Summary". Paper presented at Annual Meeting of American Psychiatric Association, San Francisco, California, May 1980.				

VI. DETERMINANTS OF NURSING HOME USE

TABLE 52. All Ages: Number and Percent of White and Non-White Persons Aged 65 and Over or Under 65 Who Live in Nursing Homes			
	Lives in Nursing Home		
	Number	Percent of Nursing Home Population	Percent of All Americans
AGE			
Under 65	177,100	13.6	0.1
65 and Over	1,125,200	86.4	4.8
RACE			
White	1,200,000	92.2	0.5
Non-White	102,200	7.8	0.4
TOTAL	1,302,100	100.0	0.5
SOURCE: Merger of 1977 HIS and 1977 NNHS.			

TABLE 53. Rates of Nursing Home Residency by Type of Dependency Among the Aged				
Age	Personal Care		Mobility	Other or No Dependency
	Toileting/Feeding	Bathing/Dressing		
65-79	49.0	29.1	2.9	0.2
80+	71.3	45.9	2.3	1.3
SOURCE: Merger of 1977 HIS and 1977 NNHS.				

TABLE 54. Elderly Only: Institutionalization Rates by Demographic Characteristics, Dependency, Diagnostic Group and Climate (1977)	
Lives in Nursing Home	Percent
AGE	
65 - 74	1.5
75+	10.2
MARITAL STATUS	
Married	1.1
Unmarried	8.9
POVERTY STATUS	
Above Poverty Level	2.4
Below Poverty Level	14.6
DEPENDENCY	
No human ADL or mobility help needed	0.4
Human help needed in mobility	2.6
Human help needed bathing/dressing	37.8
Human help needed toileting/eating	62.0
DIAGNOSTIC GROUPS	
Mental	65.6
Cancer, digestive, metabolic, blood, genitouninary	22.4
Injury	21.0
Circulatory	18.4
Skeletal	13.5
Nervous	6.5
Respiratory	5.3
Other	0.2
CLIMATE	
Warm	4.2
Mild	4.3
Cool	5.0
Cold	8.2
ALL ELDERLY	4.8
SOURCE: Merger of 1977 HIS and 1977 NNHS.	

TABLE 55. Elderly Only: Institutionalization Rates of Persons with High Risk Characteristics			
	65-74	75+	Total
All Elderly			
Married	0.4%	2.9%	1.1%
Unmarried	3.2%	14.5%	8.9%
Total	1.5%	10.2%	4.8%
One or More High Risk Diagnoses¹			
Married	1.3%	7.3%	3.2%
Unmarried	9.5%	32.1%	22.8%
Total	4.4%	23.6%	13.0%
Poverty²			
Married	2.3%	7.7%	4.3%
Unmarried	8.5%	28.3%	19.5%
Total	6.0%	23.3%	14.6%
Bathing/Dressing Dependent			
Married	6.3%	16.4%	11.9%
Unmarried	46.2%	48.7%	48.2%
Total	27.3%	41.7%	37.8%
Toileting/Feeding Dependent			
Married	23.4%	39.2%	32.6%
Unmarried	53.9%	77.0%	73.8%
Total	40.0%	69.2%	62.0%
Unmarried, High Risk Diagnoses and In Poverty			
Married	73.4%	72.7%	72.9%
Unmarried	88.4%	91.4%	91.0%
Total	77.4%	83.5%	83.0%
SOURCE: Merger of 1977 HIS and NNHS.			
<ol style="list-style-type: none"> 1. Includes mental, digestive, metabolic, blood, genitourinary, circulatory and skeletal disorders, cancer and injuries. 2. Nursing home residents were classified as poor if their charges for care were paid by Medicaid, general welfare or a charitable organization. For persons in the community, the definition of poverty is based on that developed by the U.S. Bureau of the Census. Families and individuals are classified as being above or below the poverty level. This index provides a range of income cutoffs adjusted to take into account such factors as family size, sex and age of the family head, the number of children, and farm-nonfarm residence. The cutoff levels are updated annually to reflect changes in the CPI. For a detailed explanation see <u>Current Population Reports</u>, Series, P-23, No. 28, "Revision in Poverty Statistics," 1959 to 1968. 			

VII. CHARACTERISTICS OF NURSING HOME USERS

TABLE 57. Age, Sex, Race and Marital Status of Nursing Home Residents, 1977		
Resident Characteristics	Number	Percent
Age		
Under 45 years	32,900	2.52
45-54	43,500	3.33
55-64	100,800	7.74
65-69	81,700	6.27
70-74	129,700	9.95
75-79	197,200	15.29
80-84	265,500	20.37
85-89	263,700	20.24
90-94	141,300	10.84
95 years and over	44,900	3.45
Median Age in Years	81	
Total Number of Residents	1,303,100	100.0
Sex		
Male	375,300	28.80
Female	927,800	71.20
Race or Ethnicity		
White (not Hispanic)	1,200,900	92.16
Black (not Hispanic)	81,400	6.25
Hispanic	14,400	1.11
Marital Status		
Married	155,400	11.93
Widowed	810,700	62.21
Divorced or Separated	87,500	6.71
Never Married	249,500	19.15
SOURCE: National Nursing Home Survey, 1977.		

TABLE 58. Number and Percent of Residents of Nursing Homes in 1977 and Discharges in 1976, by Primary Source of Payment, According to Selected Characteristics: United States

Resident Characteristic	Primary Source of Payment for Residents in 1977													
	Number							Percent						
	All Sources	Own Income or Family Support	Medicare	Medicaid		Other Government Assistance or Welfare	All Other Sources	All Sources	Own Income or Family Support	Medicare	Medicaid		Other Government Assistance or Welfare	All Other Sources
				Skilled	Inter-mediate						Skilled	Inter-mediate		
All residents	1,303,100	500,900	26,200	260,700	362,600	83,400	69,200	100.0	38.4	2.0	20.0	27.8	6.4	5.3
DEMOGRAPHIC CHARACTERISTICS														
Age														
Under 45 years	32,900	5,600	--	8,900	9,400	5,400	--	100.0	17.1	--	27.1	28.8	16.3	--
45-54 years	43,500	10,200	--	6,600	14,700	7,300	--	100.0	23.5	--	15.3	33.7	16.8	--
55-64 years	100,800	30,600	--	17,200	35,600	9,800	7,200	100.0	30.4	--	17.1	35.4	9.7	7.2
65-69 years	81,700	22,500	--	16,800	29,100	--	6,300	100.0	27.6	--	20.5	35.6	--	7.7
70-74 years	129,700	48,300	--	23,200	36,800	10,100	5,200	100.0	37.3	--	17.9	29.9	7.8	4.0
75-79 years	199,200	80,400	5,900	41,200	53,200	10,700	7,900	100.0	40.4	2.9	20.7	26.7	5.4	4.0
80-84 years	265,500	121,500	6,000	47,100	62,600	12,300	16,000	100.0	45.7	2.3	17.7	23.6	4.6	6.0
85-89 years	263,700	115,100	--	53,900	68,000	11,700	10,000	100.0	43.7	--	20.4	25.8	4.4	3.8
90-94 years	141,300	50,000	--	32,300	39,600	9,800	8,100	100.0	35.3	--	22.8	28.0	6.9	5.7
95 years and over	44,900	16,600	--	13,500	11,400	--	--	100.0	37.0	--	30.0	25.5	--	--
Sex														
Male	375,300	145,800	7,900	63,400	96,100	30,000	30,100	100.0	38.8	2.1	16.9	26.1	8.0	8.0
Female	927,800	355,200	18,300	197,300	264,500	53,500	39,100	100.0	38.3	2.0	21.3	28.5	5.8	4.2
Race or ethnicity														
White (not Hispanic)	1,200,900	486,600	24,200	233,500	320,000	73,200	63,300	100.0	40.5	2.0	19.4	26.7	6.1	5.3
Black (not Hispanic)	81,400	10,700	--	21,000	38,200	5,800	--	100.0	13.1	--	25.8	46.9	7.1	--
Hispanic	14,400	--	--	--	--	--	--	100.0	--	--	--	--	--	--
American Indian or Alaska native	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Asian or Pacific Islander	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Marital status														
Married	155,400	77,200	--	23,100	30,100	10,000	10,500	100.0	49.7	--	14.9	19.4	6.5	6.8
Widowed*	810,700	325,500	18,600	171,300	219,000	42,900	33,400	100.0	40.1	2.3	21.1	27.0	5.3	4.1
Divorced or separated	87,500	24,200	--	19,200	27,500	8,700	7,100	100.0	27.6	--	22.0	31.4	10.0	8.1
Never married	249,500	74,100	--	47,000	86,000	21,700	18,200	100.0	29.7	--	18.8	34.5	8.7	7.3

TABLE 58 (continued)														
Resident Characteristic	Primary Source of Payment for Residents in 1977													
	Number							Percent						
	All Sources	Own Income or Family Support	Medicare	Medicaid		Other Government Assistance or Welfare	All Other Sources	All Sources	Own Income or Family Support	Medicare	Medicaid		Other Government Assistance or Welfare	All Other Sources
				Skilled	Inter- mediate						Skilled	Inter- mediate		
LENGTH OF STAY SINCE ADMISSION														
Less than 3 months	189,300	76,200	22,400	24,000	31,200	13,100	22,400	100.0	40.2	11.8	12.7	16.5	6.9	11.8
3 months to less than 6	122,100	52,600	--	25,000	26,700	7,500	7,400	100.0	43.1	--	20.5	23.5	6.1	6.0
6 months to less than 12	163,100	71,600	--	33,900	42,300	9,300	5,900	100.0	43.9	--	20.8	25.9	5.7	3.6
1 year to less than 3	427,800	176,200	--	90,400	124,200	26,100	10,000	100.0	41.2	--	21.1	29.0	6.1	2.3
3 years to less than 5	192,900	67,100	--	45,500	59,700	11,600	8,200	100.0	34.8	--	23.6	31.0	6.0	4.3
5 years or more	207,900	57,200	--	41,900	76,500	15,900	15,400	100.0	27.5	--	20.1	36.8	7.6	7.4
SOURCE: "The National Nursing Home Survey: 1977 Summary for the United States," <i>Vital and Health Statistics</i> , data from the National Nursing Home Survey, Series 13, No. 43, Table 40.														

TABLE 59. Number and Percent of Nursing Home Residents, by Selected Health Diagnoses and Conditions Statuses: United States, 1977		
Health Status¹	Residents	
	Number	Percent
Total	1,303,100	100.0
PRIMARY DIAGNOSIS AT LAST EXAMINATION		
Diseases of the circulatory system		
Total	516,800	39.7
Congestive heart failure	52,800	4.1
Arteriosclerosis	264,400	20.3
Hypertension	47,700	3.7
Stroke	103,500	7.9
Heart attack, ischemic heart disease	22,500	1.7
Other	25,800	2.0
Mental disorders and senility without psychosis		
Total	266,100	20.4
Senile psychosis	21,200	1.6
Other psychosis	57,400	4.4
Chronic brain syndrome	96,400	7.4
Senility without psychosis	26,600	2.0
Mental retardation	42,400	3.3
Alcoholism	6,800	.5
Other mental disorders	15,300	1.2
Other diagnoses²		
Total	429,700	33.0
Diseases of the musculoskeletal system and connective tissues:		
Arthritis and rheumatism	56,200	4.3
Diseases of the nervous system and sense organs:		
Blindness	5,100	.4
Multiple sclerosis	7,300	.6
Epilepsy	6,800	.5
Parkinson's disease	23,300	1.8
Accidents, poisonings, and violence:		
Hip fracture	29,300	2.2
Other bone fracture	10,600	.8
Endocrine, nutritional, and metabolic diseases:		
Diabetes	71,700	5.5
Neoplasma:		
Cancer	28,900	2.2
Diseases of the respiratory system:		
Emphysema	8,000	.6
Pneumonia	--	--
Other respiratory diseases	18,500	1.4
Diseases of the digestive system:		
Ulcers	8,600	.7
Diseases of the blood and blood-forming organs:		
Anemia	7,300	.6
Diagnosis unknown³		
Total	90,500	6.9
CHRONIC CONDITIONS OR IMPAIRMENTS⁴		
Diseases of the circulatory system		
Arteriosclerosis	620,200	47.6
Hypertension	272,900	20.9
Stroke	214,000	16.4
Paralysis or palsy, other than arthritis, related to stroke	80,800	6.2
Heart trouble	449,000	34.5

TABLE 59 (continued)		
Health Status ¹	Residents	
	Number	Percent
Mental disorders and senility without psychosis		
Mental illness	148,300	11.4
Chronic brain syndrome	324,700	24.9
Senility	416,400	32.0
Mental retardation	79,800	6.1
Alcoholism	36,900	2.8
Drug addiction	--	--
Insomnia	125,500	9.6
Other chronic conditions or impairments		
Diseases of the musculoskeletal system and connective tissues:		
Arthritis and rheumatism	320,500	24.8
Chronic back/spine problems, excluding stiffness and deformity	60,500	4.6
Permanent stiffness or deformity of back, arms, legs, or extremities, including feet, toes, hands, or fingers	181,500	13.9
Missing arms, legs, or extremities, including feet, toes, hands, or fingers	32,400	2.5
Diseases of the nervous system and sense organs:		
Blindness	72,200	5.5
Glaucoma	34,000	2.6
Cataracts	80,000	6.1
Deafness	90,400	6.9
Parkinson's disease	58,000	4.5
Paralysis or palsy, other than arthritis, unrelated to stroke	46,500	3.6
Accidents, poisonings, and violence:		
Hip fracture	108,800	8.3
Other bone fracture	46,300	3.6
Endocrine, nutritional, and metabolic diseases:		
Diabetes	189,600	14.5
Neoplasms:		
Cancer	63,600	4.9
Diseases of the respiratory system:		
Chronic respiratory disease	86,500	6.6
Diseases of the digestive system:		
Constipation	313,200	24.0
Diseases of the blood and blood-forming organs:		
Anemia	70,600	5.4
Diseases of the skin and subcutaneous tissue:		
Bedsores	35,100	2.7
Conditions other than above:		
Edema	233,500	17.9
Kidney trouble	131,700	10.1
None of these conditions		
Total	13,000	1.0
<p>SOURCE: "The National Nursing Home Survey: 1977 Summary for the United States," <u>Vital and Health Statistics</u>, data from the National Nursing Home Survey, Series 13, No. 14, Table 20.</p> <p>1. Disease group categories based on <i>Eighth Revision International Classification of Diseases, Adapted for Use in the United States</i> (ICDA).</p> <p>2. Only diagnoses of sufficient magnitude are noted.</p> <p>3. Includes residents who received no physician visits while in facility.</p> <p>4. Figures may not add to total because resident may have had more than 1 reported condition or impairment.</p>		

TABLE 60. Number of Percent Distribution of Nursing Home Residents by Dependency in Activities of Daily Living and Index of Dependency in Activities of Daily Living, According to Selected Other Resident Characteristics: United States, 1977

Resident Characteristic	All Residents	Dependency in Activities of Daily Living						Index of Dependency in Activities of Daily Living ¹							
		Requires Assistance in Bathing	Requires Assistance in Dressing	Requires Assistance in Using Toilet Room	Mobility--Walks Only with Assistance or is Chairfast or Bedfast	Continen--Difficulty with Bowel and/or Bladder Control	Requires Assistance in Eating	Not Dependent in Bathing, Dressing, Using Toilet Room, Mobility, Continen--ce, or Eating	Dependent in Only 1 Activity	Dependent in Bathing and 1 Additional Activity	Dependent in Bathing, Dressing, and 1 Additional Activity	Dependent in Bathing, Dressing, Using Toilet Room, and 1 Additional Activity	Dependent in Bathing, Dressing, Using Toilet Room, Mobility, and 1 Additional Activity	Dependent in all 6 Activities	Other ²
NUMBER															
Total	1,303,100	1,124,600	904,900	684,700	861,700	589,800	424,900	124,500	161,000	158,000	110,400	125,000	203,600	303,300	116,400
DEMOGRAPHIC CHARACTERISTIC															
Age															
Under 65 years	177,100	127,300	97,700	67,700	82,200	56,600	46,400	41,500	27,600	22,800	12,800	11,800	22,600	27,700	10,400
65-74 years	211,400	171,600	129,500	99,200	120,100	79,400	57,200	29,500	34,900	28,300	14,300	20,900	32,100	37,300	14,100
75-84 years	464,700	413,200	336,700	252,200	310,600	219,000	157,200	33,600	57,300	54,500	44,800	48,700	70,900	112,800	42,000
85 years and over	449,900	412,600	341,000	265,600	348,800	234,800	164,100	19,800	41,200	53,400	38,600	43,600	78,000	125,400	49,900
Sex															
Male	375,300	303,200	233,500	166,600	222,500	155,700	104,500	50,800	56,600	51,600	27,500	27,700	52,400	71,800	36,900
Female	927,800	821,400	671,400	518,100	639,100	434,000	320,400	73,700	104,400	107,300	83,000	97,400	151,200	231,400	79,400
Race or ethnicity															
White (not Hispanic) ³	1,200,900	1,038,900	831,700	628,700	793,000	542,400	389,700	114,100	151,300	145,400	102,000	115,800	184,500	280,300	107,400
Black (not Hispanic)	81,400	69,800	60,200	45,400	54,600	39,500	27,600	7,600	7,300	10,400	7,100	8,000	15,500	18,600	6,900
Hispanic, American Indian, Alaska native, Asian or Pacific Islander	20,800	16,000	13,100	10,600	14,100	7,900	7,600	--	--	--	--	--	--	--	--
Marital status															
Married	155,400	138,500	121,300	101,200	113,000	87,800	86,100	12,000	13,400	11,400	10,400	14,700	30,200	47,800	15,400
Widowed ³	810,700	725,400	501,100	451,900	579,100	385,000	275,800	52,200	91,300	97,100	75,500	82,700	135,200	200,800	75,900
Divorced or separated	87,500	64,200	47,000	32,900	46,100	28,000	21,200	18,400	14,100	12,400	6,300	6,300	11,400	13,200	5,400
Never married	249,500	196,400	145,600	96,700	123,500	89,000	61,800	41,800	42,200	36,000	18,200	21,400	26,800	41,500	19,700
PERCENT DISTRIBUTION															
Total	100.0	86.3	69.4	52.5	66.1	45.3	32.6	9.6	12.4	12.2	8.5	9.6	15.6	23.3	8.9
DEMOGRAPHIC CHARACTERISTICS															
Age															
Under 65 years	100.0	71.9	55.2	38.2	46.4	32.0	26.2	23.4	15.6	12.9	7.2	6.7	12.8	15.7	5.8
65-74 years	100.0	81.2	61.2	46.9	56.8	37.6	27.1	14.0	16.5	13.4	6.7	9.9	15.2	17.6	6.7
75-84 years	100.0	88.9	72.5	54.3	66.8	47.1	33.8	7.2	12.3	11.7	9.6	10.5	15.3	24.3	9.0
85 years and over	100.0	91.7	75.8	59.0	77.5	52.2	36.5	4.4	9.2	11.9	8.6	9.7	17.3	27.9	11.1
Sex															
Male	100.0	80.8	62.2	44.4	59.3	41.5	27.8	13.5	15.1	13.8	7.3	7.4	14.0	19.1	9.8
Female	100.0	88.5	72.4	55.8	68.9	46.8	34.5	7.9	11.3	11.6	8.9	10.5	16.3	24.9	8.6
Race or ethnicity															
White (not Hispanic) ³	100.0	86.5	69.3	52.3	66.0	45.2	32.4	9.5	12.6	12.1	8.5	9.6	15.4	23.3	8.9
Black (not Hispanic)	100.0	85.7	73.9	55.7	67.0	48.5	34.0	9.3	9.0	12.8	8.7	9.8	19.1	22.9	8.5
Hispanic, American Indian, Alaska native, Asian or Pacific Islander	100.0	76.7	62.9	51.1	67.7	38.0	36.5	--	--	--	--	--	--	--	--

TABLE 60 (continued)

Resident Characteristic	All Residents	Dependency in Activities of Daily Living						Index of Dependency in Activities of Daily Living ¹							
		Requires Assistance in Bathing	Requires Assistance in Dressing	Requires Assistance in Using Toilet Room	Mobility--Walks Only with Assistance or is Chairfast or Bedfast	Continenence --Difficulty with Bowel and/or Bladder Control	Requires Assistance in Eating	Not Dependent in Bathing, Dressing, Using Toilet Room, Mobility, Continenence, or Eating	Dependent in Only 1 Activity	Dependent in Bathing and 1 Additional Activity	Dependent in Bathing, Dressing, and 1 Additional Activity	Dependent in Bathing, Dressing, Using Toilet Room, and 1 Additional Activity	Dependent in Bathing, Dressing, Using Toilet Room, Mobility, and 1 Additional Activity	Dependent in all 6 Activities	Other ²
Marital status															
Married	100.0	89.2	78.1	65.1	72.7	56.5	42.5	7.8	8.6	7.4	6.7	9.5	19.4	30.8	9.9
Widowed ³	100.0	89.5	72.9	55.7	71.4	47.5	34.0	6.4	11.3	12.0	9.3	10.2	16.7	24.8	9.4
Divorced or separated	100.0	73.4	53.7	37.6	52.6	32.0	24.2	21.0	16.2	14.2	7.2	7.2	13.0	15.1	6.1
Never married	100.0	78.7	58.3	39.5	49.5	35.7	24.8	16.8	16.9	15.2	7.3	8.6	10.7	16.6	7.9

SOURCE: "The National Nursing Home Survey: 1977 Summary for the United States," *Vital and Health Statistics*, data from the National Nursing Home Survey, Series 13, No. 43, Table 23.

1. Unknowns were considered not dependent for the purpose of this index.
2. Includes residents who were dependent in at least two functions but were not classified into any of these categories.
3. Includes a small number of unknowns.

TABLE 61. Percentage of Nursing Home Residents by Age Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
45 or younger	7.9%	1.6%	1.8%	0.0%	0.0%
45 - 64	25.5	8.1	12.4	2.0	1.0
65+ ^b	66.6	90.3	85.5	98.1	99.0
65 - 74	20.4	16.7	17.3	8.0	9.8
75 - 84	27.3	37.7	35.9	42.2	38.3
85+	18.9	35.9	32.6	47.9	50.9
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

b. Subtotal, not included in calculation of total.

TABLE 62. Percentage of Nursing Home Residents by Marital Status Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Married	9.7	12.5	11.3	17.6	12.3
Ever Married	52.4	74.0	67.1	71.2	77.2
Never Married	37.9	13.6	21.6	11.2	10.5
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 63. Percentage of Nursing Home Residents by Race Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
White	90.5	93.5	90.0	93.1	93.1
Black	7.9	5.0	7.8	6.9	5.9
Other	1.5	1.5	2.2	0.0	1.0
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 64. Percentage of Nursing Home Residents By Sex Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Male	31.3	29.7	29.3	23.7	21.6
Female	68.7	70.3	70.7	76.3	78.4
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 65. Percentage of Nursing Home Residents by Need for Help of Another Person in Activities of Daily Living, Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
No Help	13.1	10.8	6.1	4.8	3.2
Mobility	4.6	3.0	2.3	1.5	2.0
Bath/Dress	37.1	40.8	30.2	39.9	30.2
Toilet/Eat	45.1	45.4	61.4	53.9	64.6
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded. Persons are assigned to the assistance category representing the most severe dependence. Dependencies are ordered for severity, as indicated in the above table, from no help to toileting/eating.

TABLE 66. Percentages of Nursing Home Residents by Need for Assistance in Activities of Daily Living Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
No Help	2.9	1.8	1.4	.5	1.2
Mobility	14.8	11.4	6.9	4.5	4.0
Bath/Dress	36.4	39.7	28.9	41.2	28.8
Toilet/Eat	46.0	47.1	62.8	53.9	66.0
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive.

TABLE 67. Percentage of Nursing Home Residents by Ability to Communicate Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Verbal	77.6	92.7	80.2	84.0	85.7
Nonverbal	14.8	5.5	13.2	8.5	9.4
No Communication	7.6	1.8	6.6	7.5	4.8
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 68. Percentage of Nursing Home Residents by Predicted Date of Discharge Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Within 3 months	1.3	4.0	1.2	1.3	1.1
4 - 6 months	0.4	0.9	0.2	0.0	0.5
More than 6 months	98.3	95.1	98.7	98.7	98.3
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 69. Percentage of Nursing Home Residents by Prior Residence Within Diagnostic Category ^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Private Home	28.6	41.5	35.2	50.9	44.3
Retirement Home	2.1	1.6	2.2	1.1	1.8
Health Facility	64.8	51.9	56.2	43.1	48.7
Other	4.5	5.0	6.3	5.0	5.1
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 70. Percentage of Nursing Home Residents by Discharge Destination Within Diagnostic Category ^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Private Home	14.4	33.1	17.0	14.5	9.7
Retirement Home	0.7	1.8	1.0	0.0	1.2
Health Facility	55.2	38.8	48.8	55.6	50.1
Death	25.8	23.0	29.7	26.7	37.1
Other	3.9	3.4	3.5	3.2	1.9
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

Other Diagnosis	Percent of Persons with Mental Disorder as Primary Diagnosis
Circulatory	45.4%
Paralysis or Stroke	8.6
Musculoskeletal	24.5
Blind or Deaf	13.0
Cancer	2.0
Other	21.3
None	30.8

SOURCE: National Center for Health Statistics, U.S. Department of Health, Education & Welfare, The National Nursing Home Survey: 1977 Summary for the United States, Hyattsville, Maryland, July, 1979.

	1963	1969	1977
Persons with a Mental Diagnosis	221,721	426,712	775,800
Total Nursing Home Residents	505,242	815,130	1,302,100
Percent of Total Residents who have a Mental Diagnosis	43.9%	52.3%	59.6%
Average Annual Growth Rate - Persons with a Mental Diagnosis		10.9%	6.6%
Average Annual Growth Rate - Total Nursing Home Residents		8.0%	5.2%

SOURCE: U.S. Department of Health, Education and Welfare, National Center for Health Statistics, Vital and Health Statistics, Series 12 Number 2, "Characteristics of Residents in Institutions for the Aged and Chronically Ill, April-June 1963," U.S. Government Printing Office, Washington, D.C., 1965.

U.S. Department of Health, Education and Welfare, National Center for Health Statistics, Vital and Health Statistics, Series 12 Number 19, "Characteristics of Residents in Nursing and Personal Care Homes, June-August 1969," U.S. Government Printing Office, Washington, D.C., 1973.

U.S. Department of Health, Education and Welfare, National Center for Health Statistics, Vital and Health Statistics, Series 13 Number 51, "Characteristics of Nursing Home Residents, Health Status, and Care Received: National Nursing Home Survey, United States, May-December 1977," U.S. Government Printing Office, Washington, D.C., 1981.

	Certified Facilities		Non-Certified		All Facilities	
	Mental Only	Mental Plus Other Diagnosis	Mental Only	Mental Plus Other Diagnosis	Mental Only	Mental Plus Other Diagnosis
Medicaid	60.4	60.5	--	--	47.9	55.0
Public Assistance or Other Gov't	11.7	7.5	44.6	27.7	18.3	8.8
VA	2.8	1.4	2.3	6.4	2.7	1.5
Private	23.3	28.5	47.3	55.0	28.1	31.5
Other	1.8	2.2	5.8	10.9	3.0	3.2
	100.0	100.0	100.0	100.0	100.0	100.0

SOURCE: National Center for Health Statistics, U.S. Department of Health, Education and Welfare, The National Nursing Home Survey: 1977 Summary for the United States, Hyattsville, Maryland, July 1979.

TABLE 74. Percentage of Nursing Home Residents by Type of Behavioral Problem^a Within Diagnostic Category^b					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
Depressed	43.2	30.5	40.0	27.5	36.6
Agitated	47.9	22.0	43.1	38.4	37.9
Abusive	26.6	9.2	25.2	20.6	16.9
Wandering	20.6	2.8	15.5	27.1	16.0
Other	12.3	6.3	12.1	4.9	8.0
No Behavior Problem	18.5	48.6	22.3	27.7	27.2
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Residents may be included in more than one behavioral category. Persons without diagnoses (numbering 57,000) have been excluded.

b. Diagnostic categories are mutually exclusive.

TABLE 75. Percentage of Nursing Home Residents Receiving Medication for Mental Impairments Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
No Treatment	40.8	100.0	48.9	66.7	65.1
Treatment	59.2	0.0	51.1	33.3	34.9
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

TABLE 76. Percentage of Nursing Home Residents Receiving Tranquilizers Within Diagnostic Category^a					
	Chronic Mental	Chronic Physical	Physical and Mental	Senile	Physical and Senile
No Tranquilizers	53.8	70.2	60.0	65.9	64.7
Tranquilizers	46.2	29.8	40.0	34.1	35.3
TOTAL	100.0	100.0	100.0	100.0	100.0
Number of Residents	232,000	514,000	263,000	27,000	210,000

SOURCE: National Nursing Home Survey 1977, Current Resident File.

NOTE: Nursing home residents are classified into mutually exclusive diagnostic categories as follows:

1. Chronic mental - persons with a mental condition (other than senility*) as the primary diagnosis.
2. Chronic physical - persons with a physical condition as the primary diagnosis and no secondary mental diagnosis.
3. Physical and mental - persons with a physical condition as the primary diagnosis and a secondary mental diagnosis other than senility.
4. Senile - persons with senility as the primary diagnosis.
5. Physical and senile - persons with a physical condition as the primary diagnosis and a secondary diagnosis of senility.

* Chronic brain syndrome is treated as senility.

a. Diagnostic categories are mutually exclusive. Persons without diagnoses (numbering 57,000) have been excluded.

**TABLE 77. Percentages of New Patients¹ Having Selected Conditions by Home's Ownership Type and Patient Payment Source
(1977 National Nursing Home Survey Current and Discharged Resident Data)**

	All Patients				Private Patients			
	Profit Chain	Profit Independence	Non-Profit	Government	Profit Chain	Profit Independence	Non-Profit	Government
Incontinence								
Bowel	30.3	37.1	27.5	36.0	28.6	37.9	29.6	41.1
Bladder	38.9	42.7	33.2	42.7	35.0	46.0	32.8	59.8
Bowel and Bladder	43.9	47.7	36.7	47.7	41.6	50.7	38.6	59.8
Bedfast	14.7	12.1	10.1	18.7	10.4	12.7	9.5	5.9
Chairfast	30.0	32.9	25.2	26.2	30.2	32.8	21.7	48.7
Oxygen Therapy	4.7	6.3	4.8	5.2	2.7	6.0	5.3	2.9
Special Diet	40.7	45.4	44.8	50.0	38.1	43.2	42.4	42.9
Number of Patients	72,009	74,247	42,703	15,018	27,879	32,875	19,101	3,782
	Medicare Patients				Medicaid Patients ²			
	Profit Chain	Profit Independence	Non-Profit	Government	Profit Chain	Profit Independence	Non-Profit	Government
Incontinence								
Bowel	27.5	29.9	18.4	48.1	30.7	36.2	30.7	28.1
Bladder	35.7	36.7	20.9	52.8	41.6	40.0	36.4	28.1
Bowel and Bladder	42.9	43.4	21.9	61.1	44.4	45.3	38.9	35.2
Bedfast	22.8	15.2	13.1	29.7	16.9	11.0	8.3	21.1
Chairfast	34.7	24.7	17.4	24.0	24.9	31.3	33.5	14.5
Oxygen Therapy	7.3	10.6	7.4	2.4	5.3	6.5	3.1	5.8
Special Diet	37.7	39.7	55.8	75.4	47.8	51.9	43.9	40.4
Number of Patients	9,021	5,301	8,339	3,187	27,750	29,560	11,747	6,844
	Medicaid/Private Patients ³				Medicaid Only Patients ³			
	Profit Chain	Profit Independence	Non-Profit	Government	Profit Chain	Profit Independence	Non-Profit	Government
Incontinence								
Bowel	34.9	41.6	28.6	10.7	25.0	27.4	31.2	34.3
Bladder	47.0	45.6	30.5	21.0	35.8	28.3	36.5	29.5
Bowel and Bladder	50.1	52.9	31.8	22.1	37.9	31.1	41.2	40.6
Bedfast	20.8	10.5	7.2	12.7	12.7	11.5	7.2	21.7
Chairfast	22.0	37.2	31.3	4.6	27.1	20.3	31.3	21.8
Oxygen Therapy	5.9	7.2	1.7	9.9	4.7	5.8	4.8	5.0
Special Diet	53.4	53.1	51.6	36.9	40.3	46.4	30.5	38.1
Number of Patients	15,366	17,160	6,113	1,919	11,430	11,418	4,462	4,146

SOURCE: 1977 National Nursing Home Survey, tabulated data.

1. New Patients are defined as those with stays less than 60 days.
2. Includes patients with any support from Medicaid or other government or welfare.
3. Excludes patients with Medicare support.

**TABLE 78. Percentages of New Patients Having Selected Conditions by Home's Per Diem Health Labor Cost and Patient Payment Source
(1977 National Nursing Home Survey Current and Discharged Resident Data)**

	All Patients				Private Patients				Medicare Patients			
	Less than \$5.76 ²	\$5.76-7.15	\$7.15-9.20	More than \$9.20	Less than \$5.76 ²	\$5.76-7.15	\$7.15-9.20	More than \$9.20	Less than \$5.76 ²	\$5.76-7.15	\$7.15-9.20	More than \$9.20
Incontinence												
Bowel	27.7	32.3	43.5	26.7	25.6	34.9	37.8	30.8	63.5	27.4	46.1	16.5
Bladder	37.7	41.0	44.3	34.2	34.3	44.6	42.5	36.7	63.5	35.9	41.8	27.3
Bowel and Bladder	39.9	44.1	50.6	40.1	37.1	47.8	47.3	45.7	63.5	39.0	52.2	30.3
Bedfast	13.7	13.3	14.1	11.0	11.9	9.6	13.1	7.8	11.6	32.9	13.7	16.3
Chairfast	26.7	31.1	36.0	26.2	22.3	29.5	33.8	31.0	53.3	29.8	37.8	21.2
Oxygen Therapy	4.1	6.0	7.2	4.3	2.9	6.2	5.4	3.8	15.8	6.8	10.0	6.6
Special Diet	37.3	42.0	44.8	47.8	39.10	36.6	39.7	48.7	63.6	46.5	29.5	51.4
Number of Patients	30,044	40,106	45,366	64,177	13,025	17,309	21,298	24,236	1,071	2,719	4,297	15,335
	Medicaid Patients ³				Medicaid/Private Patients ⁴				Medicaid Only Patients ⁴			
	Less than \$5.76 ²	\$5.76-7.15	\$7.15-9.20	More than \$9.20	Less than \$5.76 ²	\$5.76-7.15	\$7.15-9.20	More than \$9.20	Less than \$5.76 ²	\$5.76-7.15	\$7.15-9.20	More than \$9.20
Incontinence												
Bowel	30.1	31.9	48.3	24.9	34.4	35.3	54.8	21.3	19.0	26.7	36.3	28.0
Bladder	40.1	37.9	45.2	32.5	49.6	45.2	45.8	27.6	19.2	26.0	41.3	34.5
Bowel and Bladder	42.4	41.5	53.0	36.9	52.1	48.0	57.0	30.9	21.3	31.2	44.9	40.8
Bedfast	15.6	14.8	16.5	10.3	16.9	16.7	14.1	10.0	9.7	11.7	19.8	9.6
Chairfast	21.8	31.5	33.9	23.1	23.7	32.1	40.1	21.0	19.0	28.5	22.1	22.0
Oxygen Therapy	3.4	6.6	8.4	3.3	3.8	6.1	11.4	1.0	2.2	7.8	5.8	5.3
Special Diet	35.3	47.9	58.6	48.2	40.8	52.8	58.7	53.9	26.2	41.2	54.0	40.5
Number of Patients	12,927	16,913	15,804	18,727	8,416	10,469	8,306	7,784	4,315	6,145	6,498	8,942

SOURCE: 1977 National Nursing Home Survey, tabulated data.

1. New Patients are defined as those with stays less than 60 days.
2. Intervals are defined by quartile (25th percentile, 50th percentile, etc.) values for all certified facilities.
3. Includes patients with any support from Medicaid or other government assistance or welfare.
4. Excludes patients with Medicare support.

**TABLE 79. Percentages of New Patients Having Selected Conditions by Home's Size and Patient Payment Source
(1977 National Nursing Home Survey Current and Discharged Resident Data)**

	All Patients				Private Patients				Medicare Patients			
	Less than 70 Beds ²	70-108 Beds	108-164 Beds	More than 164 Beds	Less than 70 Beds ²	70-108 Beds	108-164 Beds	More than 164 Beds	Less than 70 Beds ²	70-108 Beds	108-164 Beds	More than 164 Beds
Incontinence												
Bowel	31.2	30.7	34.3	34.2	32.0	29.6	35.5	35.1	26.9	18.4	25.9	42.9
Bladder	37.6	35.6	43.6	40.4	31.7	37.8	41.4	48.6	39.5	24.6	34.0	37.7
Bowel and Bladder	41.7	40.1	46.8	47.7	38.1	41.0	46.3	52.5	40.3	26.2	39.7	52.1
Bedfast	14.1	10.9	13.0	14.8	12.9	6.5	11.8	13.3	18.4	18.5	17.2	22.2
Chairfast	28.7	27.1	34.2	28.5	27.3	29.7	32.7	29.6	28.3	15.8	28.0	34.2
Oxygen Therapy	6.5	4.4	6.1	4.2	6.0	2.9	6.4	2.9	5.6	6.0	10.5	7.7
Special Diet	42.4	40.6	47.6	45.0	40.2	36.7	43.9	44.5	47.3	50.8	49.5	45.8
Number of Patients	46,464	54,885	56,579	46,056	17,029	23,022	25,838	17,749	5,874	7,810	6,491	5,673
	Medicaid Patients ³				Medicaid/Private Patients ⁴				Medicaid Only Patients ⁴			
	Less than 70 Beds ²	70-108 Beds	108-164 Beds	More than 164 Beds	Less than 70 Beds ²	70-108 Beds	108-164 Beds	More than 164 Beds	Less than 70 Beds ²	70-108 Beds	108-164 Beds	More than 164 Beds
Incontinence												
Bowel	33.9	33.6	32.1	30.7	36.1	41.5	28.7	36.0	28.8	24.1	33.5	25.7
Bladder	42.2	35.1	44.7	33.5	44.4	42.1	41.6	42.8	34.9	24.0	47.1	24.5
Bowel and Bladder	45.3	41.3	45.5	39.9	49.1	49.5	42.6	47.4	36.5	28.3	47.5	33.1
Bedfast	14.0	12.8	12.9	14.9	13.7	14.7	12.4	15.4	13.5	11.3	11.0	14.8
Chairfast	30.5	23.1	34.4	23.0	29.9	26.6	29.4	30.3	25.7	18.4	39.3	15.8
Oxygen Therapy	6.2	6.5	4.3	5.0	8.2	7.9	4.3	3.3	4.6	4.7	4.3	6.8
Special Diet	47.5	45.4	53.7	45.7	46.5	50.0	63.1	49.0	43.3	38.7	40.2	41.5
Number of Patients	18,953	19,390	19,301	18,258	10,364	10,777	10,301	9,118	6,942	7,945	7,912	8,657

SOURCE: 1977 National Nursing Home Survey, tabulated data.

1. New Patients are defined as those with stays less than 60 days.
2. Intervals are defined by quartile (25th percentile, 50th percentile, etc.) values for all certified facilities.
3. Includes patients with any support from Medicaid or other government assistance or welfare.
4. Excludes patients with Medicare support.

**TABLE 80. Percentages of New Patients Having Selected Conditions by Home's Occupancy Rate and Patient Payment Source
(1977 National Nursing Home Survey Current and Discharged Resident Data)**

	All Patients				Private Patients				Medicare Patients			
	Less than 90 Percent ²	90-95.2 Percent	95.2-98.3 Percent	More than 98.3 Percent	Less than 90 Percent ²	90-95.2 Percent	95.2-98.3 Percent	More than 98.3 Percent	Less than 90 Percent ²	90-95.2 Percent	95.2-98.3 Percent	More than 98.3 Percent
Incontinence												
Bowel	29.1	30.8	37.2	38.0	29.2	32.9	38.3	34.5	30.0	20.7	34.4	40.5
Bladder	39.9	34.6	42.9	42.9	41.3	33.8	43.1	42.8	38.7	24.9	34.3	46.5
Bowel and Bladder	43.3	40.3	48.3	47.6	44.7	43.3	48.0	46.3	44.6	28.4	38.2	57.7
Bedfast	13.9	11.5	14.2	12.9	9.7	8.9	15.6	10.0	18.2	15.3	20.0	35.9
Chairfast	28.8	28.7	32.8	29.8	31.0	33.3	26.1	28.8	28.9	21.0	32.4	27.2
Oxygen Therapy	3.8	4.9	9.0	4.4	2.7	4.7	6.3	6.4	6.6	7.8	16.1	0.0
Special Diet	44.4	40.6	47.7	44.4	44.7	39.2	42.4	35.7	51.0	44.1	48.0	58.8
Number of Patients	68,902	62,777	43,150	29,154	29,268	22,033	18,949	13,388	9,645	10,870	2,685	2,648
	Medicaid Patients ³				Medicaid/Private Patients ⁴				Medicaid Only Patients ⁴			
	Less than 90 Percent ²	90-95.2 Percent	95.2-98.3 Percent	More than 98.3 Percent	Less than 90 Percent ²	90-95.2 Percent	95.2-98.3 Percent	More than 98.3 Percent	Less than 90 Percent ²	90-95.2 Percent	95.2-98.3 Percent	More than 98.3 Percent
Incontinence												
Bowel	27.1	34.4	34.6	37.4	25.2	39.0	37.4	44.3	28.7	26.6	32.4	22.5
Bladder	35.6	39.4	44.0	35.6	34.4	47.2	46.1	41.2	37.4	28.3	35.8	22.4
Bowel and Bladder	38.7	43.6	49.0	40.0	40.7	50.1	51.1	44.7	37.9	33.8	42.2	28.9
Bedfast	17.2	13.2	12.6	8.1	14.8	15.3	14.7	8.0	18.3	10.3	8.5	8.5
Chairfast	24.4	23.7	36.5	28.6	18.8	26.3	37.4	36.0	30.1	18.3	33.0	11.6
Oxygen Therapy	4.2	4.2	10.9	3.9	4.9	2.7	12.0	2.6	3.9	2.9	11.0	6.4
Special Diet	44.3	44.3	54.1	51.2	44.6	56.4	53.2	55.2	43.2	31.8	51.6	43.0
Number of Patients	23,315	23,555	19,409	9,623	10,612	12,292	12,077	5,578	11,545	10,602	5,742	3,568

SOURCE: 1977 National Nursing Home Survey, tabulated data.

1. New Patients are defined as those with stays less than 60 days.
2. Intervals are defined by quartile (25th percentile, 50th percentile, etc.) values for all certified facilities.
3. Includes patients with any support from Medicaid or other government assistance or welfare.
4. Excludes patients with Medicare support.

TABLE 81. Percentages of New Patients Having Selected Conditions by Home's Percentage of Days for Medicaid and Patient Payment Source (1977 National Nursing Home Survey Current and Discharged Resident Data)

	All Patients				Private Patients				Medicare Patients			
	Less than 55 Percent ²	55-73 Percent	73-87 Percent	More than 87 Percent	Less than 55 Percent ²	55-73 Percent	73-87 Percent	More than 87 Percent	Less than 55 Percent ²	55-73 Percent	73-87 Percent	More than 87 Percent
Incontinence												
Bowel	30.6	36.2	31.3	32.9	32.5	36.8	31.5	27.7	25.8	24.4	31.2	52.3
Bladder	38.7	38.4	40.2	42.5	38.8	41.2	39.8	42.9	40.1	16.9	36.2	62.1
Bowel and Bladder	43.1	45.1	43.2	45.8	43.9	47.8	43.6	49.6	42.0	27.8	41.4	63.0
Bedfast	11.9	14.5	13.4	13.0	11.5	10.6	10.4	9.4	19.8	19.4	19.9	10.3
Chairfast	29.8	28.0	31.6	30.8	28.2	29.4	33.5	35.9	30.3	14.2	24.3	51.2
Oxygen Therapy	5.5	5.5	5.1	4.7	5.0	4.7	2.9	6.4	9.0	5.3	12.4	2.1
Special Diet	40.3	48.0	43.6	46.9	39.2	43.8	44.6	37.1	45.9	48.0	52.3	66.4
Number of Patients	80,387	58,523	41,243	23,827	38,679	22,073	16,346	6,539	13,126	9,200	1,577	1,946
	Medicaid Patients ³				Medicaid/Private Patients ⁴				Medicaid Only Patients ⁴			
	Less than 55 Percent ²	55-73 Percent	73-87 Percent	More than 87 Percent	Less than 55 Percent ²	55-73 Percent	73-87 Percent	More than 87 Percent	Less than 55 Percent ²	55-73 Percent	73-87 Percent	More than 87 Percent
Incontinence												
Bowel	31.0	36.8	31.2	30.3	33.4	38.7	35.2	34.2	28.8	29.1	28.2	23.7
Bladder	34.8	42.6	39.9	38.3	38.5	46.2	43.7	41.1	28.9	33.1	34.7	34.2
Bowel and Bladder	40.7	47.0	42.6	41.0	44.6	52.5	46.8	42.5	34.8	35.3	37.2	39.3
Bedfast	8.3	15.0	17.3	14.7	9.5	12.4	19.7	15.2	5.1	17.8	15.7	15.0
Chairfast	29.5	28.4	26.7	25.8	31.1	28.4	27.3	29.5	27.3	23.2	25.5	19.2
Oxygen Therapy	3.7	6.6	7.1	4.1	2.6	9.9	5.4	5.0	4.4	2.5	9.8	2.7
Special Diet	42.3	56.1	43.0	52.1	40.2	62.9	49.3	54.4	43.3	43.8	32.3	46.3
Number of Patients	21,653	21,847	19,546	12,855	10,153	12,619	10,111	7,676	10,260	7,763	8,651	4,782

SOURCE: 1977 National Nursing Home Survey, tabulated data.

1. New Patients are defined as those with stays less than 60 days.
2. Intervals are defined by quartile (25th percentile, 50th percentile, etc.) values for all certified facilities.
3. Includes patients with any support from Medicaid or other government assistance or welfare.
4. Excludes patients with Medicare support.

TABLE 82. Percentage of New Nursing Home Patients¹ Having Selected Conditions by Patient Payment Source (1977 National Nursing Home Survey of Current and Discharged Resident Data)

	All Patients	Private Pay Only	Medicare Only	Medicaid ²	Medicaid/ ³ Private	Medicaid Only
Incontinence						
Bowel	32.6	33.1	27.6	32.6	35.7	28.0
Bladder	39.4	40.0	33.2	38.9	42.7	32.3
Bowel or Bladder	44.0	45.3	38.5	43.0	47.2	36.3
Bedfast	13.1	10.9	19.0	13.6	14.0	12.7
Chairfast	29.8	30.1	25.8	27.8	29.0	24.6
Oxygen Therapy	5.3	4.6	7.4	5.5	6.0	5.2
Special Diet	44.0	41.3	48.6	48.1	52.2	40.9
Number of Patients	203,935	83,630	25,848	75,898	40,559	31,456

SOURCE: 1977 National Nursing Home Survey, tabulated data.

1. New Patients are defined as those with stays less than 60 days.
2. Includes patients with support from Medicaid or other government assistance or welfare.
3. Excludes patients with Medicare support.

Diagnosis	Charges Paid By:		
	Private Patients		Medicaid
	No Medicare	Some Medicare	
Circulatory	38.0	23.5	37.2
Stroke	12.3	16.0	13.2
Fracture	9.6	17.7	8.3
Mental	7.8	3.8	10.7
Cancer	7.1	13.1	6.3
Diabetes	4.7	1.7#	5.2
Respiratory	3.2	4.5	4.1
Other	17.3	19.8	15.0
All Diagnoses	100.0	100.0	100.0
Number of Persons	296,763	184,309	382,751

SOURCE: Discharged Resident File, 1977 National Nursing Home Survey (missing cases excluded item by item).

NOTES: * All between-column differences are statistically significant at $p = .05$ or less.
Due to small cell sizes, this estimate may be unreliable. Cell size = 3,173, which represents 14.6 unweighted cases.

1. The "Other" category is excluded from this table due to small cell size.

	Number	Percent
Discharged to Community		
Private Residence	229,403	25.5
Rented Room or Retirement Home	16,357	1.8
Domiciliary Care Facility	5,944*	0.7
Other Community Arrangements	2,410*	0.3
Subtotal	254,114	28.3
Discharge to Non-Community Settings		
Deceased ¹	332,975	37.0
Short-term Hospital	223,205	24.8
Skilled Nursing Facility	36,530	4.1
Intermediate Care Facility	32,243	3.6
Mental or Long-Term Hospital	9,745	1.1
Other or Unknown Facility	10,051	1.1
Subtotal	644,749	71.7
TOTAL²	898,863	100.0

SOURCE: Discharged Resident File (consists of all discharges, both living and dead, from nursing homes in 1976) 1977 National Nursing Home Survey (missing cases excluded item by item).

NOTES: * Due to small cell sizes, these estimates may be unreliable. For "Domiciliary Care Facilities" the population estimate = 5,944, which represents approximately 27 unweighted sample cases. For "Other Community Arrangements" cell size = 2,410, which represents 11.1 unweighted cases.

1. Includes those who were dead at discharge or were discharged to other facilities but died shortly thereafter.
2. Excludes 19,689 patients aged 65 and over who resided in certified facilities, but for whom discharge status was unknown.

TABLE 85. Number and Community Discharge Rates of Nursing Home Patients Aged 65 and Over Discharged in 1976		
	Number¹ of Discharges	Percent Discharged to Community
Age²		
65-79 years	371,902	36.4
80+ years	526,946	22.5
Marital Status		
Married	201,389	41.2
Not Married ³	673,377	24.8
Primary Diagnosis		
Circulatory	303,907	25.2
Stroke	119,481	23.0
Fracture	93,475	50.3
Mental	72,681	8.6
Cancer	71,685	16.5
Diabetes	37,976	29.3
Respiratory	36,080	36.4
Other	151,928	37.7
ADL Dependency		
Not Severe	224,363	53.8
Severe ⁴	674,485	19.8
Charges Paid By⁵		
Private Patients		
No Medicare	296,752	29.2
Some Medicare	184,304	49.7
Medicaid	382,740	16.2
Other	35,070	39.6
All Discharges		28.3
<p>SOURCE: Discharged Resident File, 1977 National Nursing Home Survey (missing cases excluded item by item).</p> <p>NOTES: Due to large sample size, all values are statistically significantly different from the mean (28.3) at the .05 level or less.</p> <ol style="list-style-type: none"> Total cases may vary due to missing cases and rounding. 136,088 persons under age 65 who were discharged in 1976 are excluded from this table. 3,118 uncertified facilities with 79,624 persons are also excluded. Includes widowed, divorced, separated and never married. Includes patients who are bedfast, chairfast, incontinent of bowel, bladder or both; received a mechanical feeding, used a posey belt, cuffs or a similar device; or within seven days prior to discharge received a full bed-bath. Source of payment for care during entire nursing home stay. "Medicaid" includes Medicaid-skilled, Medicaid-intermediate, other government assistance or welfare, or religious organizations. "Medicare" includes Medicare patients who did not receive any support from sources grouped under "Medicaid." "No Medicare" includes patients who used their own income or initial payment/life care funds, but at no time received support from "Medicaid" or "Medicare" sources. "Other" includes patients not grouped under "Medicaid." 		

TABLE 86. Community Discharge Rates from Nursing Homes by Age Group, 1977				
Characteristics	Age 65-79		Age 80+	
	Number of Discharges	Percent Discharged to Community	Number of Discharges	Percent Discharged to Community
Marital Status				
Married	112,742	44.0	88,655	37.6
Not Married	250,589	33.5	422,806	19.6
Primary Diagnosis				
Circulatory	101,852	37.5	202,065	19.0
Stroke	57,768	23.5	61,716	22.6
Fracture	37,195	59.3	56,281	44.3
Mental	29,819	13.9	42,863	4.9
Cancer	34,454	22.5	37,231	10.9
Diabetes	18,961	29.2*	19,015	29.4*
Respiratory	18,594	46.4	17,486	25.8
Other	70,399	48.9	81,532	28.1
ADL Dependency				
Not Severe	105,985	60.7	118,390	47.7
Severe	265,929	26.8	408,572	15.2
Charges Paid By:				
Private Patients				
No Medicare	108,173	34.6	188,590	26.1
Some Medicare	88,377	59.2	95,932	40.9
Medicaid	155,612	22.9	227,139	11.6
Other	19,761	51.1	15,309	24.9
All Discharges		36.4		22.5
SOURCE: Discharged Resident File, 1977 National Nursing Home Survey (missing cases excluded item by item).				
NOTES: * Not significant at p=.05; all other differences significant at p=.05 or less.				

TABLE 87. Community Discharge Rates from Nursing Homes by Marital Status and Other Characteristics				
Characteristics	Married		Not Married	
	Number of Discharges	Percent Discharged to Community¹	Number of Discharges	Percent Discharged to Community
Age				
65-79 years	112,742	44.0	250,589	33.5
80+ years	88,655	37.6	422,806	19.6
Primary Diagnosis				
Circulatory	57,208	40.8	237,426	22.1
Stroke	41,825	37.8	76,166	15.3
Fracture	16,148	71.5	75,235	45.8
Mental	16,378	13.7	53,908	6.7
Cancer	22,365	29.8	47,381	10.8
Diabetes	7,512	57.6	29,953	22.3
Respiratory	6,161#	36.6	28,615	35.0
Other	31,463	50.7	116,050	34.6
ADL Dependency				
Not Severe	46,218	70.5	170,619	50.2
Severe	155,174	32.4	502,775	16.1
Charges Paid By:				
Private Patients				
No Medicare	72,310	37.6	220,307	26.6
Some Medicare	58,308	59.1	119,552	46.2
Medicaid	56,900	22.5	313,960	15.3
Other	13,880	61.3	19,588	25.1
All Discharges		41.2		24.8
SOURCE: Discharged Resident File, 1977 National Nursing Home Survey (missing cases excluded item by item).				
NOTES: All between column differences significant at p = .05 or less.				
# Due to small cell sizes, these estimates may be unreliable. Cell size = 6,161, which represents 28.3 unweighted cases.				
1. Includes private residences, rented rooms or retirement homes, domiciliary care facilities and other community arrangements. See earlier tables for distribution of community discharges among these settings. Most are to private residences.				

TABLE 88. Community Discharge Rates by Dependency Status				
Characteristics	ADL Dependency-Not Severe		ADL Dependency-Severe	
	Number of Discharges	Percent Discharged to Community	Number of Discharges	Percent Discharged to Community
Age				
65-79 years	105,985	60.7	265,929	26.8
80+ years	118,390	47.7	408,572	15.2
Marital Status				
Married	46,218	70.5	155,174	32.4
Not Married	170,619	50.2	502,775	16.1
Primary Diagnosis				
Circulatory	77,575	50.5	226,338	16.5
Stroke	24,005	46.6	95,478	17.1
Fracture	25,363	80.3	68,112	39.1
Mental	20,226	21.4	52,456	3.6
Cancer	7,392	49.7	64,292	12.6
Diabetes	9,767	48.6	28,209	22.6
Respiratory	11,673	59.2	24,407	25.5
Other	43,397	65.6	108,533	26.6
Charges Paid By:				
Private Patients				
Self	76,207	53.0	220,553	21.0
Medicare	52,938	80.5	131,370	37.2
Medicaid	85,544	36.4	297,205	10.4
Other	9,687	68.6	25,383	28.6
All Discharges		53.8		19.8
SOURCE: Discharged Resident File, 1977 National Nursing Home Survey (missing cases excluded item by item).				
NOTES: See notes on previous table.				

TABLE 89. Community Discharge Rates by Source of Payment¹						
	Private Pay Patients				Medicaid	
	No Medicare		Some Medicare		Number of Discharges	Percent Discharged to Community
	Number of Discharges	Percent Discharged to Community	Number of Discharges	Percent Discharged to Community		
Age						
65-79 years	108,173	34.6	88,377	59.2	155,612	22.9
80+ years	188,590	26.1	95,932	40.9	227,139	11.6
Marital Status						
Married	72,310	37.6	58,308	59.1	56,900	22.5
Not married	220,307	26.6	119,552	46.2	313,960	15.3
Primary Diagnosis						
Circulatory	110,735	26.3	43,316	56.7	140,290	14.9
Stroke	35,860	25.1	29,322	40.9	50,689	11.0
Fracture	27,659	43.7	32,657	69.5	30,059	34.6
Mental	22,867	12.4	6,982	15.7	40,276	4.7
Cancer	20,903	16.8	24,292	24.3	24,210	9.9
Diabetes	13,704	50.0	2,976#	58.2	20,190	11.3
Respiratory	9,470	32.2	8,296	42.3	15,626	26.0
Other	49,511	36.0	35,157	56.4	57,438	23.8
ADL Dependency						
Not Severe	76,207	53.0	52,938	80.5	85,544	36.4
Severe	220,553	21.0	131,370	37.2	297,205	10.4
All Discharges		29.2		49.7		16.2
SOURCE: Discharged Resident File, 1977 National Nursing Home Survey (missing cases excluded item by item).						
NOTES: # Due to small cell sizes, these estimates may be unreliable. Cell size = 2,976, which represents 13.7 unweighted cases.						
1. The "Paid by Other" category is excluded from this table due to unreliable cell sizes.						

TABLE 90. Length of Nursing Home Stay by Marital Status, Age, and Source of Payment						
Length of Stay	Characteristics				Primary Source of Payment	
	Currently		Age			
	Married (%)	Unmarried (%)	Under 79 (%)	79+ (%)	Own (%)	Other (%)
1 Day	1.4	1.4	1.2	1.6	1.5	1.4
2 - 7 Days	12.6	5.8	9.7	5.9	7.8	7.2
8 - 30 Days	29.6	22.5	26.3	22.5	22.6	24.7
31 - 90 Days	23.4	18.4	22.4	17.3	20.5	18.7
Over 90 Days	33.0	51.9	40.5	52.7	47.6	47.9
	100.0	100.0	100.0	100.0	100.0	100.0

SOURCE: 1977 National Nursing Home Survey, Discharged Resident File.
NOTE: Includes residents discharged to community and not discharged to the community. Includes those discharged due to death.

TABLE 91. Nursing Home Length of Stay by Primary Diagnosis, 1977											
Length of Stay	Circulatory Problem	Arterio-sclerosis	Arthritis	Stroke	Diabetes	Mental Problem	Fracture	Respiratory Problem	Cancer	Nervous	Other
1 day	2.2	0.5	0.7	3.5	0.3	0.3	1.6	0.7	2.0	4.3	0.6
2-7 days	6.6	5.7	4.2	7.5	5.6	5.1	6.2	15.6	11.1	8.2	10.2
8-30 days	27.7	12.7	38.6	24.3	20.7	10.6	23.6	24.6	39.8	14.9	26.8
31-90 days	17.0	15.2	11.9	21.1	12.4	15.0	30.3	21.7	20.3	16.9	24.7
91+ days	46.6	59.8	44.5	43.7	61.1	69.0	38.2	37.3	26.8	55.7	37.7
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

SOURCE: Discharged Resident File, National Nursing Home Survey 1977.

TABLE 92. Proportion of Nursing Home Admissions Having a Length of Stay of Less Than 3 Months, 3 or More Months, and 6 or More Months, by Additional Length of Stay														
Length of Stay	Additional Length of Stay (in months)													
	0	1	2	3	4	5	6	7	8	9	10	11	12+	
Less than 3 Months	56.0	22.8	11.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0%
3 or More Months	0.0	0.0	0.0	0.0	9.1	6.8	6.0	4.6	3.6	4.2	3.3	2.8	59.5	100.0%
6 or More Months	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	4.7	5.4	4.2	3.6	76.3	100.0%

SOURCE: Discharged Resident File, National Nursing Home Survey 1977.

VIII. PROVIDERS

**TABLE 93. Growth in Nursing Home Beds Per Thousand Elderly
1967-1973**

State	1967 Beds per Elderly	Annual Growth Rate	1973 Beds per Elderly
Alabama	29.9	5.58%	41.8
Alaska	24.3	19.38%	77.8
Arizona	31.2	0.61%	32.4
Arkansas	47.8	6.31%	69.9
California	52.0	6.68%	77.6
Colorado	62.7	4.64%	82.7
Connecticut	59.5	4.03%	75.8
Delaware	35.6	4.51%	46.7
District of Columbia	29.9	6.60%	44.4
Florida	27.4	1.10%	29.3
Georgia	34.2	10.57%	64.4
Hawaii	36.5	6.16%	52.8
Idaho	48.7	2.47%	56.5
Illinois	47.1	6.88%	71.2
Indiana	46.6	5.94%	66.6
Iowa	81.8	3.09%	98.5
Kansas	68.1	3.28%	82.8
Kentucky	37.0	5.47%	51.4
Louisiana	36.5	5.79%	51.7
Maine	52.7	6.22%	76.5
Maryland	37.8	6.22%	54.9
Massachusetts	63.1	4.43%	82.3
Michigan	40.4	7.05%	61.7
Minnesota	73.8	5.87%	105.0
Mississippi	18.5	9.61%	32.9
Missouri	42.6	5.09%	57.8
Montana	48.9	5.01%	66.0
Nebraska	65.3	5.74%	92.2
Nevada	32.3	2.87%	38.4
New Hampshire	55.2	3.89%	69.7
New Jersey	35.1	4.75%	46.7
New Mexico	33.1	3.46%	40.8
New York	31.8	6.34%	46.6
North Carolina	38.9	3.57%	48.2
North Dakota	78.6	3.07%	94.5
Ohio	50.6	3.63%	62.9
Oklahoma	68.8	4.92%	92.4
Oregon	65.1	2.28%	74.7
Pennsylvania	39.4	3.86%	49.6
Rhode Island	49.7	2.93%	59.3
South Carolina	28.4	4.89%	38.1
South Dakota	67.0	5.62%	93.9
Tennessee	24.2	6.46%	35.6
Texas	49.2	6.82%	74.0
Utah	54.6	0.37%	53.3

State	1967 Beds per Elderly	Annual Growth Rate	1973 Beds per Elderly
Vermont	59.9	4.39%	78.0
Virginia	30.2	5.36%	41.6
Washington	58.8	7.11%	90.1
West Virginia	11.9	11.31%	23.4
Wisconsin	57.6	10.01%	105.0
Wyoming	34.7	8.92%	59.4

SOURCE: Calculated from published data from the 1967 and 1973 MFI Surveys.

U.S. Department of Health, Education and Welfare, National Center for Health Statistics, Vital and Health Statistics Series 14 Number 4, "Inpatient Health Facilities as Reported from the 1967 MFI Survey," U.S. Government Printing Office, Washington, D.C., 1972.

U.S. Department of Health, Education and Welfare, Health Services and Mental Health Administration, National Center for Health Statistics, Vital and Health Statistics, Series 14 Number 16, "Inpatient Health Facilities as Reported from the 1973 MFI Survey," U.S. Government Printing Office, Washington, D.C., 1976.

	Proprietary		Non-Profit		Government		Total	
	Patients	Percent of Total	Patients	Percent of Total	Patients	Percent of Total	Patients	Percent of Total
1950 ¹	110,070	37.2%	71,430	24.2%	114,060	38.6%	295,560	100%
1960 ¹	272,422	58.0%	104,752	22.3%	92,543	19.7%	469,717	100%
1970 ¹	661,888	71.4%	159,887	17.2%	105,739	11.4%	927,514	100%
1976 ²	880,012	68.4%	275,030	21.3%	138,234	10.7%	1,293,285	100%

SOURCE: U.S. Department of Health, Education and Welfare, National Center for Health Statistics, Inpatient Health Facilities Statistics, United States, Hyattsville, Maryland 1980.

U.S. Bureau of the Census, U.S. Census of Population: 1950. Vol. IV, Special Reports, Part 2, Chapter C, Institutional Population. U.S. Government Printing Office, Washington, D.C., 1953.

U.S. Bureau of the Census, U.S. Census of Population: 1960. Subject Reports: Final Report PC(2)-8A: Inmates of Institutions. U.S. Government Printing Office, Washington, D.C., 1963.

U.S. Bureau of the Census, U.S. Census of Population: 1970. Subject Reports: Final Report PC(2)-4E: Persons in Institutions and Other Group Quarters. U.S. Government Printing Office, Washington, D.C., 1973.

1. Based on data from Census of Population
2. Based on data from Master Facility Inventory

TABLE 95. Counts of Medicare and/or Medicaid Certified Nursing Home Facilities and Beds 1980						
(MMACS Bed and Facility Counts, Tables by Type and State)						
State	Total Facilities	Medicare Beds	Medicaid Skilled Beds	Medicaid ICF Beds¹	IMR Certified Beds²	Total Beds
TOTAL	14,615	445,440	645,208	916,987	59,453	1,502,990
Alabama	230	12,940	12,966	7,984	578	21,486
Alaska	14	323	518	540	5	653
Arizona	23	815	0	0	0	2,595
Arkansas	213	315	8,821	10,778	1,720	21,248
California	1,200	90,423	101,683	24,325	215	116,787
Colorado	209	5,671	11,008	15,235	817	21,382
Connecticut	246	18,443	19,586	3,772	0	24,865
Delaware	36	957	771	1,998	0	3,612
District of Columbia	7	326	276	582	0	1,356
Florida	353	22,131	30,796	29,602	804	39,014
Georgia	331	5,927	20,628	25,094	819	32,336
Hawaii	37	1,734	1,603	1,101	91	3,695
Idaho	65	3,265	4,449	4,630	0	5,071
Illinois	812	8,141	26,306	79,208	6,222	102,009
Indiana	468	6,415	7,185	30,288	1,955	46,843
Iowa	428	692	708	29,873	0	35,458
Kansas	373	1,264	2,926	23,867	14	26,115
Kentucky	224	4,227	4,227	12,804	1,112	23,503
Louisiana	233	1,561	1,359	22,503	3,926	28,109
Maine	143	367	349	8,183	198	9,674
Maryland	197	8,943	5,615	18,840	837	23,763
Massachusetts	520	6,504	13,419	23,960	0	43,656
Michigan	492	21,174	22,737	40,086	4,661	53,894
Minnesota	729	3,841	21,761	22,695	5,878	57,558
Mississippi	182	549	10,185	10,006	907	15,671
Missouri	248	4,534	8,484	20,801	0	27,449
Montana	100	2,872	3,337	6,163	17	6,711
Nebraska	221	1,087	2,040	16,747	136	18,467
Nevada	28	1,802	1,802	2,019	0	2,067
New Hampshire	74	809	809	5,576	0	6,808
New Jersey	255	15,847	25,019	27,978	0	34,371
New Mexico	44	223	223	3,176	482	4,290
New York	601	67,717	67,759	25,773	0	99,642
North Carolina	229	7,747	8,138	10,877	929	23,609
North Dakota	73	3,635	3,635	4,516	0	5,536
Ohio	911	31,249	38,736	59,631	3,417	78,090
Oklahoma	360	411	0	27,263	1,456	31,617
Oregon	191	2,900	2,996	10,665	1,978	16,771
Pennsylvania	629	38,622	50,813	14,484	3,863	82,388
Rhode Island	121	1,848	1,869	6,026	94	9,053
South Carolina	159	6,877	6,768	9,296	742	12,859
South Dakota	108	472	3,731	5,829	905	8,082
Tennessee	241	2,969	2,796	22,158	2,295	27,724
Texas	1,003	2,358	14,615	82,744	7,622	110,226
Utah	91	1,511	2,198	4,879	1,217	6,845
Vermont	46	665	736	2,174	0	3,088

TABLE 95 (continued)						
State	Total Facilities	Medicare Beds	Medicaid Skilled Beds	Medicaid ICF Beds¹	IMR Certified Beds²	Total Beds
Virginia	174	1,647	1,466	17,401	0	25,125
Washington	326	9,338	22,860	23,632	0	31,721
West Virginia	80	2,693	2,693	5,214	0	5,980
Wisconsin	511	8,494	40,403	52,107	3,541	62,143
Wyoming	26	170	1,400	1,904	0	1,905

SOURCE: Medicare and Medicaid Automated Certification System, Tabulated Data.

1. ICF means intermediate care facility.
2. IMR means intermediate care facility for the mentally retarded.

TABLE 96. Total Medicare or Medicaid Certified Nursing Home Beds per Elderly Persons, By State			
	Beds Per Elderly Person	Total Elderly Population	Total Beds
Arizona	0.01	306,971	2,595
District of Columbia	0.02	74,202	1,356
West Virginia	0.03	237,868	5,980
Florida	0.02	1,684,972	39,084
Nevada	0.03	65,767	2,067
Alaska	0.06	11,530	653
New Mexico	0.04	115,690	4,290
North Carolina	0.04	602,273	23,609
New Jersey	0.04	859,682	34,371
Hawaii	0.05	76,230	3,695
South Carolina	0.05	287,287	12,859
Missouri	0.04	648,289	27,449
New York	0.05	2,160,558	99,642
California	0.05	2,414,755	116,787
Virginia	0.05	505,204	25,125
Wyoming	0.05	37,218	1,905
Alabama	0.05	439,938	21,486
Vermont	0.05	58,166	3,088
Tennessee	0.05	517,524	27,724
Mississippi	0.05	289,357	15,671
Idaho	0.05	93,680	5,071
Pennsylvania	0.05	1,531,107	82,388
Maryland	0.06	395,594	23,763
Oregon	0.06	303,284	16,771
Michigan	0.06	912,321	53,894
Delaware	0.06	59,284	3,612
Kentucky	0.06	409,853	23,503
Utah	0.06	109,220	6,845
Georgia	0.06	516,808	32,336
Massachusetts	0.06	726,531	43,656
Ohio	0.07	1,169,437	78,090
New Hampshire	0.07	102,967	6,808
Louisiana	0.07	403,939	28,109
Connecticut	0.07	364,864	24,865
Maine	0.07	140,918	9,674
North Dakota	0.07	80,447	5,536
Arkansas	0.07	312,331	21,248
Washington	0.07	431,417	31,721
Rhode Island	0.07	126,922	9,053
Texas	0.08	1,317,040	110,226
Indiana	0.08	585,425	46,843
Montana	0.08	84,559	6,711
Illinois	0.08	1,261,160	102,009
Colorado	0.09	247,261	21,382
Kansas	0.09	306,179	26,115
Oklahoma	0.08	376,042	31,617

	Beds Per Elderly Person	Total Elderly Population	Total Beds
South Dakota	0.09	91,014	8,082
Nebraska	0.09	205,576	18,467
Iowa	0.09	387,498	35,458
Wisconsin	0.11	564,228	62,143
Minnesota	0.12	479,746	57,558

SOURCE: Tabulated data from the 1980 Medicare and Medicaid Automated Certification System file.

	Total Facilities	Medicare Beds	Medicaid Skilled Beds	Medicaid ICF Beds	IMR Beds	Total Beds
Medicare SNF	183	10,716	--	--	--	18,291
Medicaid SNF	851	--	71,045	--	--	79,600
Medicare/Medicaid SNF	2,028	202,367	202,411	--	--	234,760
Medicaid ICF	6,463	--	--	502,290	--	550,760
Medicare SNF/Medicaid SNF-ICF	2,591	214,470	215,088	252,103	--	335,491
Medicaid SNF/ICF	1,596	--	143,238	151,252	--	183,909
Medicare SNF-ICF	48	3,472	--	4,786	--	7,144
ICF-IMR	25	--	--	3,065	3,654	4,585
IMR	533	--	--	--	55,799	55,799
Hospital	297	14,415	13,426	3,491	--	32,639
TOTAL	14,615	445,440	645,208	916,987	59,453	1,502,990

SOURCE: Tabulated data from the 1980 Medicare - Medicaid Automated Certification System file.

SNF - Skilled nursing facility
ICF - Intermediate care facility
IMR - Intermediate care facility for mentally retarded

	Less than 3	3-9	10-24	25-49	50-74	75-99	100-199	200-299	300-499	500+	Total Facilities	Total Beds
Medicare SNF	--	2 (1.09)	5 (2.73)	31 (16.94)	34 (18.58)	27 (14.75)	70 (38.25)	10 (5.46)	4 (2.19)	--	183	18,291
Medicaid SNF	--	--	30 (3.50)	154 (17.99)	214 (25.00)	146 (17.06)	277 (32.36)	26 (3.04)	4 (0.47)	5 (0.58)	856	80,240
Medicare & Medicaid SNF	--	--	19 (0.94)	218 (10.73)	357 (17.57)	485 (23.87)	742 (36.52)	151 (7.43)	42 (2.07)	18 (0.89)	2,032	235,177
Medicare ICF	--	12 (0.19)	328 (5.07)	1,328 (20.52)	1,826 (28.37)	969 (14.97)	1,740 (26.89)	179 (2.77)	51 (0.79)	28 (0.43)	6,471	551,631
Medicare & Medicaid SNF, ICF	--	--	24 (0.93)	141 (5.45)	321 (12.40)	444 (17.15)	1,311 (50.64)	268 (10.35)	60 (2.32)	20 (0.77)	2,589	335,326
Medicaid SNF & ICF	--	1 (0.06)	18 (1.13)	129 (8.08)	324 (20.30)	277 (17.36)	701 (43.92)	99 (6.20)	40 (2.51)	7 (0.44)	1,596	183,709
Medicare SNF & Medicaid ICF	--	--	--	--	5 (0.42)	4 (8.33)	29 (60.42)	8 (16.67)	2 (4.17)	--	48	7,144
ICF - IMR	--	--	4 (16.67)	2 (8.33)	4 (16.67)	7 (29.17)	2 (8.33)	2 (8.33)	1 (4.17)	2 (8.33)	24	4,503
IMR	--	168 (31.40)	118 (22.06)	59 (11.03)	41 (7.66)	28 (5.23)	56 (10.47)	17 (3.18)	18 (3.36)	30 (5.61)	535	55,896
Hospital	--	4 (1.35)	41 (13.80)	91 (30.64)	50 (16.84)	38 (12.79)	40 (13.47)	11 (3.70)	11 (3.70)	11 (3.70)	297	32,639
TOTAL	--	187 (1.28)	587 (4.01)	2,153 (14.72)	3,186 (21.78)	2,425 (16.57)	4,968 (33.96)	771 (5.27)	233 (1.59)	121 (0.83)	14,631	1,504,556

* When certified long term care beds are part of a facility serving other purposes, such as a hospital, they may report total beds for both long term care and other purposes. This is most pronounced for hospitals, but may happen for others, e.g. retirement centers.

	Less than 3	3-9	10-24	25-49	50-74	75-99	100-199	200-299	300-499	500+	Total Facilities	Total Beds
Medicare SNF	--	15 (0.08)	90 (0.49)	1,233 (6.74)	1,984 (10.85)	2,416 (13.21)	8,983 (49.11)	2,253 (12.32)	1,317 (7.20)	--	183	18,291
Medicaid SNF	--	--	611 (0.77)	5,693 (7.15)	12,890 (16.19)	12,484 (15.68)	35,701 (44.85)	6,026 (7.57)	1,293 (1.62)	4,902 (6.16)	851	79,600
Medicare & Medicaid SNF	--	--	351 (0.15)	8,602 (3.66)	21,511 (9.16)	43,663 (18.60)	99,960 (42.58)	34,112 (14.53)	14,649 (6.24)	11,912 (5.07)	2,028	234,760
Medicare ICF	--	88 (0.16)	6,385 (1.16)	50,431 (9.16)	109,678 (19.91)	83,603 (15.18)	219,388 (39.83)	41,162 (7.47)	18,530 (3.36)	21,507 (3.90)	6,463	550,772
Medicare & Medicaid SNF & ICF	--	--	434 (0.13)	5,702 (1.70)	19,542 (5.82)	39,346 (11.73)	174,013 (51.87)	62,145 (18.52)	21,857 (6.51)	12,452 (3.71)	2,591	335,491
Medicaid SNF & ICF	--	9 (0.00)	333 (0.18)	4,920 (2.67)	19,743 (10.74)	24,239 (13.18)	92,343 (50.21)	23,326 (12.68)	14,307 (7.78)	4,689 (2.55)	1,596	183,909
Medicare SNF & Medicaid ICF	--	--	--	--	292 (4.09)	333 (4.66)	4,024 (56.33)	1,830 (25.62)	665 (9.31)	--	48	7,144
ICF-IMR	--	--	68 (1.48)	72 (1.57)	230 (5.02)	697 (15.20)	293 (6.39)	457 (9.97)	348 (7.59)	2,420 (52.78)	25	4,585
IMR	--	1,130 (2.02)	1,609 (2.88)	2,178 (3.90)	2,518 (4.51)	2,435 (4.36)	7,874 (14.11)	4,234 (7.59)	6,962 (12.48)	26,859 (48.13)	533	55,799
Hospital	--	20 (0.06)	691 (2.12)	3,334 (10.21)	2,932 (8.98)	3,250 (9.96)	5,358 (16.42)	2,806 (8.60)	3,988 (12.22)	10,260 (31.43)	297	32,639
TOTAL	--	1,122 (0.07)	10,220 (0.68)	81,499 (5.42)	190,158 (12.65)	211,451 (14.07)	643,874 (42.84)	175,619 (11.68)	79,677 (5.30)	74,125 (4.93)	14,615	1,502,990

SOURCE: Tabulated data from the 1980 MMACS file.

* When certified long term care beds are part of a facility serving other purposes, such as a hospital, they may report total beds for both long term care and other purposes. This is most pronounced for hospitals, but may happen for others, e.g. retirement centers.

	Total	Percent of Facilities Classified as			
		Nursing Care	Personal Care with Nursing	Personal Care	Domiciliary Care
TOTAL	20,505	65.51%	14.76%	19.44%	0.29%
Skilled:					
Medicare SNF	1,115	30.49%	19.01%	50.31%	0.18%
Medicaid SNF	1,383	92.99%	3.83%	3.11%	0.07%
Medicare & Medicaid SNF	2,038	95.00%	3.68%	1.32%	0
Skilled-Intermediate:					
Medicare SNF/ Medicaid SNF- ICF	1,478	91.81%	7.17%	1.01%	0
Medicaid SNF/ ICF	1,591	92.39%	5.41%	2.20%	0
Medicare SNF/ Medicaid ICF	374	53.21%	20.05%	26.74%	0
Intermediate:					
Medicaid ICF	5,114	84.20%	9.41%	6.37%	0.02%
Uncertified	7,412	34.24%	26.15%	38.84%	0.76%

SOURCE: Tabulated data from the 1976 MFI Survey.

SOURCE BOOK ON LONG-TERM CARE DATA

Files Available for This Report

Introduction through Table 100

HTML: <http://aspe.hhs.gov/daltcp/reports/source.htm>

PDF: <http://aspe.hhs.gov/daltcp/reports/source.pdf>

Table 101 through Table B-17

HTML: <http://aspe.hhs.gov/daltcp/reports/source2.htm>

PDF: <http://aspe.hhs.gov/daltcp/reports/source2.pdf>