

DELAWARE ASSISTED LIVING AND REST RESIDENTIAL UTILIZATION STATISTICS

January – December 2008

by Rebecca Bedford
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Center for Applied Demography &
Survey Research
University of Delaware

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REST RESIDENTIAL UTILIZATION STATISTICS**

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prepared for

**The Bureau of Health Planning & Resource Management
Delaware's Division of Public Health
417 Federal Street
Dover, DE 19901**

by

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The authors would also like to acknowledge the Delaware Health Care Facilities Association, and all assisted living and rest residential facilities across Delaware for their timely completion of monthly utilization reports.

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I. PREFACE

This is the fourth edition of the Delaware Assisted Living and Rest Residential Utilization Statistics Report. The information in this report is provided in accordance with Title 16, Delaware Code, Chapter 20 – Uniform Health Data. The purpose of this regulation is to establish a health information database that will assist the health care system in advancing the general well-being of the population by better directing resources and improving the availability of health care services. The state of Delaware strives to foster the appropriate and efficient use of health care by requiring the reporting of information necessary to evaluate health care utilization patterns.

The Bureau of Health Planning & Resource Management has contracted with the University of Delaware's Center for Applied Demography & Survey Research to collect the data, provide data entry and verification services along with data tabulation and analysis.

The source of information for year 2008 encompassed in this document is monthly utilization statistical reports by facilities licensed to provide assisted living and rest residential services across Delaware submitted to the University of Delaware's Center for Applied Demography & Survey Research. The center obtained a list of licensed facilities at the beginning of the year from the Bureau of Health Planning & Resource Management. All changes to the list of licensed facilities, including name changes and changes in the number of licensed beds were communicated to the center by the bureau. Facilities were contacted on a monthly basis with requests sent the first day of the month. A combination of methods was used to contact the facilities on the list. The initial method was standard mail, followed up by e-mail, fax and phone follow-ups and in some cases registered mail. Using these methods, the center achieved a full compliance from all facilities for all 12 months. When reports were received from individual facilities, the reports were checked for internal inconsistencies or unexpected changes in reported statistics. These discrepancies were immediately communicated back to the facilities with explanation and a request to update the data. Once an updated report was received by the center, the data was keyed into a database using a double entry system. Once the data was keyed it was verified. At the end of the reporting year, the data was recoded as needed and tabulated.

This report contains five additional sections. The Definitions section summarizes the terminology used across the report. The section on Facility Characteristics summarizes the licensed capacity of Delaware's assisted living and rest residential Facilities by facility and county. The data presented in the last three sections reflects the data collected for the calendar year of 2008. The summaries presented there focus on aggregate data for all assisted living facilities in Delaware, particularly:

- (1) Utilization
- (2) Move-ins
- (3) Move-outs

Note:

Percentages reported are based on the number of billable days available and utilized and not the number of individuals.

Percentages in the report may not add up to 100% due to rounding.

All Delaware rest residential facilities are located in New Castle County.

II. DEFINITIONS

Assisted Living is a housing option that provides supportive services to residents. Supportive services usually include personal care and light medical or nursing care. Generally, assisted living care allows a resident more independence than nursing home care. In Delaware, the Assisted Living Waiver can pay part of the cost of assisted living care for those who qualify.

Assisted Living - A special combination of housing, supportive services, supervision, personalized assistance and health care designed to respond to the individual needs of those who need help with activities of daily living and/or instrumental activities of daily living.

Assisted living facilities provide:

Administration of Medication - The process whereby a single dose of a prescribed drug is given to a resident by an authorized licensed person, as described in Title 24 Del.C. Ch 19, 1902.

Assistance with Self-Administration of Medication (AWSAM) - Help with medication provided by facility personnel who are not nurses or nurse practitioners but who have successfully completed a Board of Nursing-approved medication training program in accordance with the Delaware Nurse Practice Act, Title 24 Del.C. Ch. 19, 1902 and applicable rules and regulations.

Medication Log - A written document in which licensed personnel and unlicensed personnel who have completed AWSAM training record administration/assistance with the resident's medications.

Assistance with any item, piece of equipment or product system whether acquired commercially off the shelf, modified, or customized that is used to increase or improve functional capabilities of adults with disabilities.

Activities of Daily Living (ADLs) - Normal daily activities including but not limited to ambulating, transferring, range of motion, grooming, bathing, dressing, eating, and toileting.

Instrumental Activities of Daily Living (IADLs) - Home management skills, such as shopping for food and personal items, preparing meals, or handling money.

Rest (Residential) Home - An institution that provides resident beds and personal care services for persons who are normally able to manage activities of daily living. The home should provide friendly understanding to persons living there as well as appropriate care in order that the resident's self-esteem, self-image, and role as a contributing member of the community may be reinforced.

Rest residential facilities provide:

Shelter, housekeeping services, board, personal surveillance or direction in the activities of daily Living.

Activities of Daily Living - Getting out of bed, bathing, dressing, eating and ambulation.

Personal Care Services - Those services that include general supervision of, and direct assistance to, individuals in their activities of daily living to insure their safety, comfort, nutritional needs and well-being.

Rehabilitation - The restoration of an ill or injured person to self-sufficiency at his highest attainable level.

Supervision - Direct overseeing and inspection of the act of accomplishing a function or activity by a responsible person who is not a resident.

Other Terms used

AL - Assisted Living facility

Medicaid Waiver - The Assisted Living Medicaid Waiver program is a community based residential services program administered by the Division of Services for Aging and Adults with Physical Disabilities (DSAAPS). The program is targeted to older persons and adults with physical disabilities who are age 18 years and over and who meet Medicaid nursing home admission criteria. (Per Delaware Medicaid Provider Policy Manual, General Policy 1.32.4.1)

Move-ins - Residents moving into a facility

Move-outs - Residents moving out of a facility

RR - Rest residential facility

Respite Care - Respite Care service gives families and caregiver's temporary relief from providing care for frail older adults and paid by Care Delaware on a sliding scale basis.

III. FACILITY CHARACTERISTICS

Facilities are comprised of units/rooms providing individual and occasionally dual occupancy living space for residents. Facilities are licensed in accordance to the number of residents/beds and not by the number of units. There are 30 private assisted living facilities and three private rest residential facilities in the state of Delaware. Delaware has one public assisted living facility located in Sussex County and no public rest residential facilities.

2008 Delaware Assisted Living and Residential Rest Facility Demographics and Capacity by County

Facility Name	Licensed Beds	
	Assisted Living	Rest Residential
New Castle County		
Arden Courts	56	0
Cokesbury Village	49	0
Eden Rock	28	0
Forwood Manor	37	0
Foulk Manor North	44	0
Foulk Manor South	51	0
Gilpin Hall	0	18
Ingleside Assisted Living	60	0
Jeanne Jugan Residence	0	26
Luther Towers II	62	0
Masonic Home of DE	0	52
Methodist Country House	40	0
Millcroft	36	0
Rockland Place	93	0
Shiplely Manor	15	0
Somerford House	72	0
Somerford Place	52	0
Sunrise of Wilmington	90	0
The Gardens at White Chapel	132	0
The Lorelton	86	0
Windsor Place	66	0
New Castle County Total	1,069	96

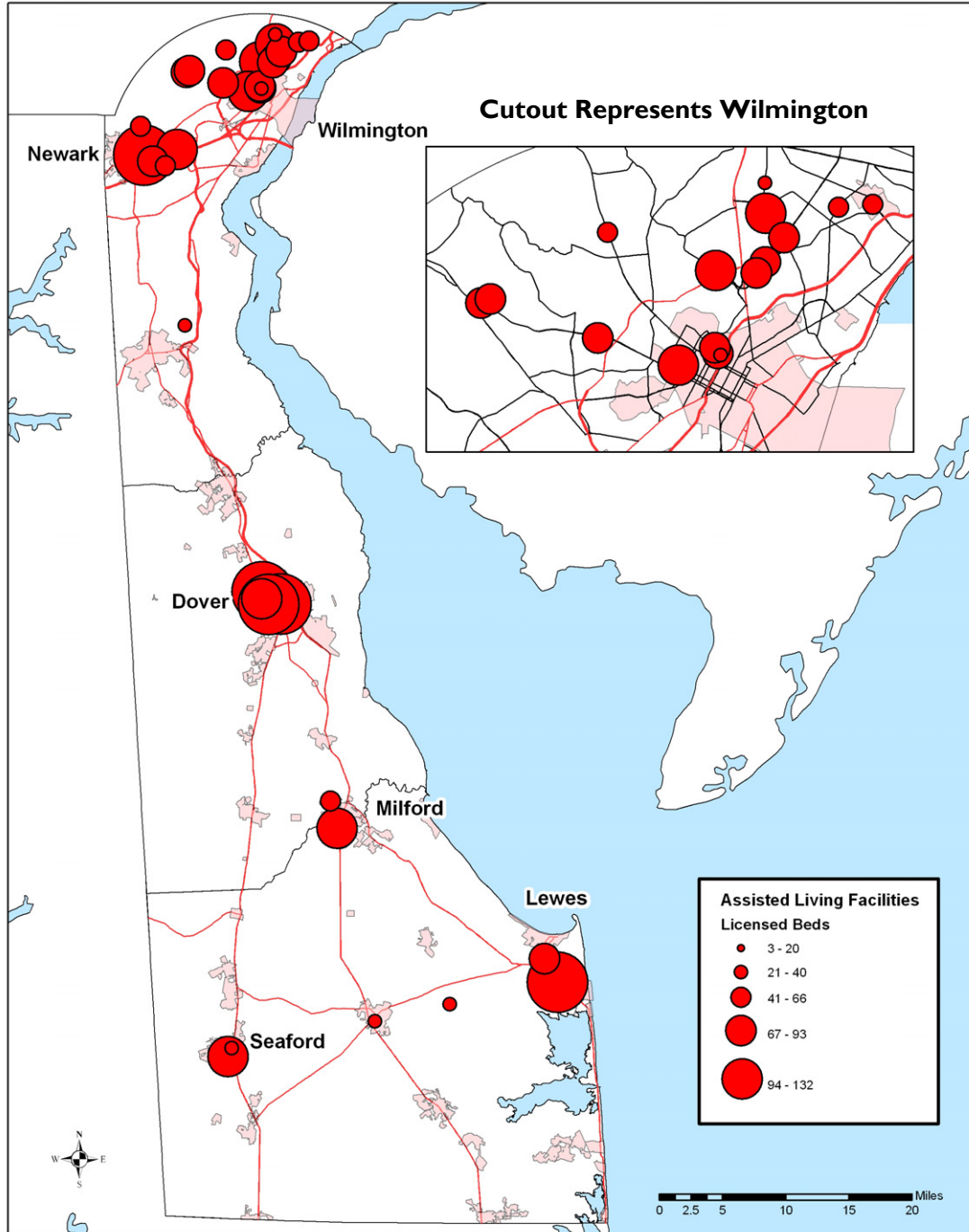
2008 Delaware Assisted Living and Residential Rest Facility Demographics and Capacity by County (continued)

Facility Name	Licensed Beds	
	Assisted Living	Rest Residential
Kent County		
Delaware Veterans Home	30	0
Green Meadows at Dover	96	0
Heritage at Dover	80	0
State Street Assisted Living	98	0
Westminster Village	99	0
Kent County Total	403	0
Sussex County		
Brandywine Assisted Living	105	0
Cadbury at Lewes	45	0
Heritage at Milford	80	0
Methodist Manor House	75	0
Peach Tree Acres	20	0
Seaford Center	19	0
Stockley Center	15	0
Sussex County Total	359	0
Total Statewide	1,831	96

Source: Center for Applied Demography & Survey Research
University of Delaware

The map on the following page presents the location of Assisted Living and Rest Residential facilities in a geographic context. The size of the symbols represents the number of licensed beds at a given facility.

**Geographic Location of Delaware's Assisted Living and Residential Rest Facilities
and number of licensed beds 2008**



Source: Center for Applied Demography & Survey Research
University of Delaware

IV. UTILIZATION

The overall utilization rate for Delaware’s assisted living facilities stands at 70% (see below) with Kent County’s utilization rate being the lowest. The utilization rate for the 3 rest residential facilities stands at 62 percent.

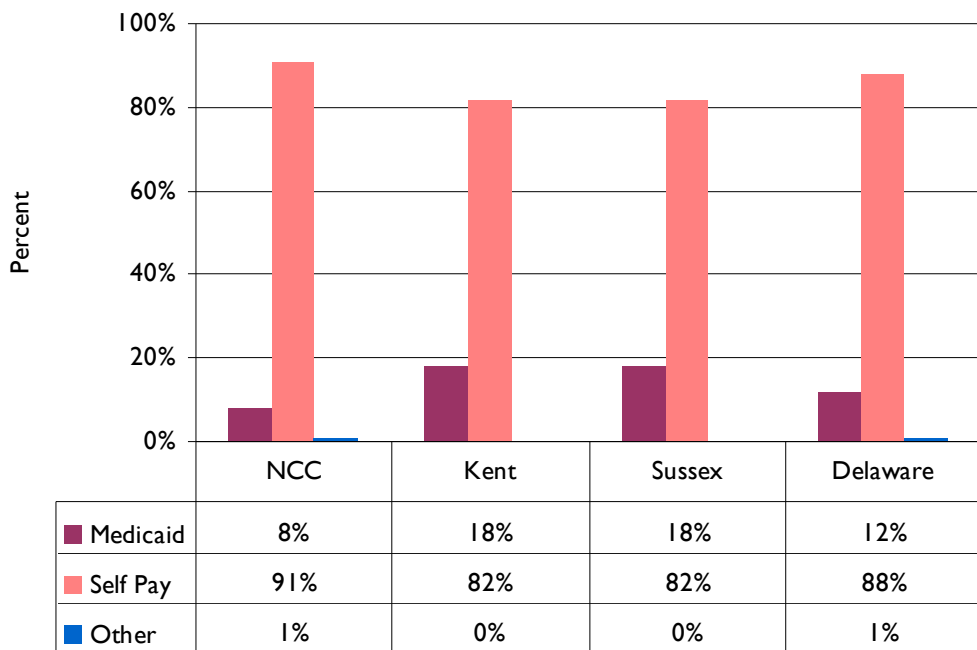
**Utilization Rate for Assisted Living Facilities and proportion of Assisted Living beds
by County 2008**



Source: Center for Applied Demography & Survey Research
University of Delaware

Across Delaware, for about 12% of residents in assisted living facilities, the source of payment is Medicaid, while about 88% percent of residents’ source of payment are own sources. Comparison across counties reveals that residents at New Castle County’s assisted living facilities are more likely to be covered by own sources (91%) than their counterparts in Kent or Sussex counties (82% respectively).

Assisted Living Residents by Source of payment and County 2008

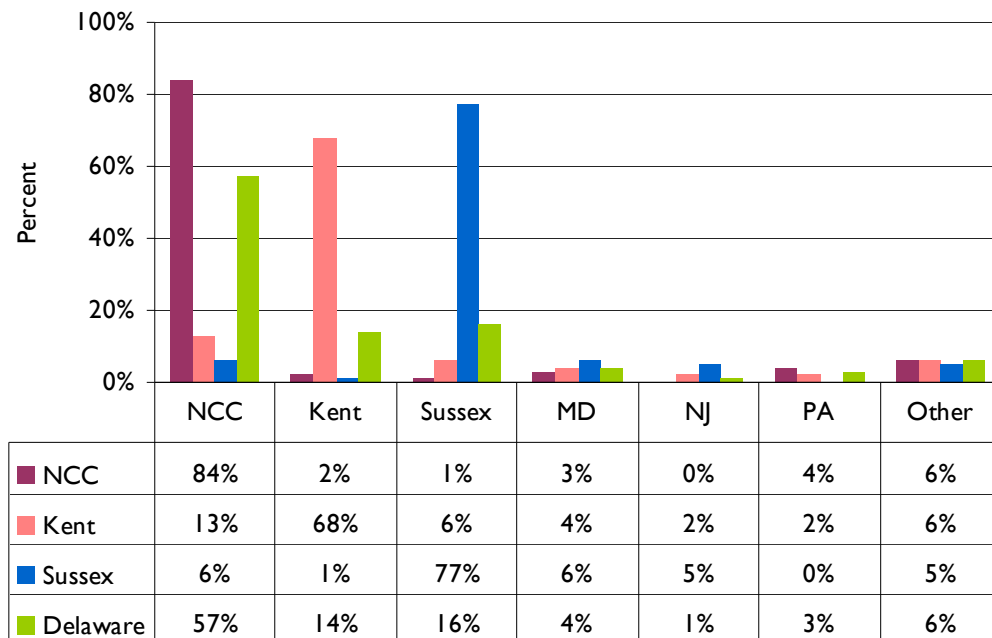


Source: Center for Applied Demography & Survey Research
University of Delaware

V. RESIDENT MOVE-IN

The following graphs tabulate the percent of residents moving into each county from specific geographic locations. As would be expected, a high proportion of residents at assisted living facilities in a particular county are from the same county (Example: Of the all residents moving into New Castle County 84% were prior residents of that county, 2% previously lived in Kent County, 1% in Sussex County, 3% in Maryland, etc.). The three states listed have boundaries shared with Delaware. Around 14% of the residents moving into Delaware assisted living facilities were prior residents of other states. All rest residential facilities are located in New Castle County.

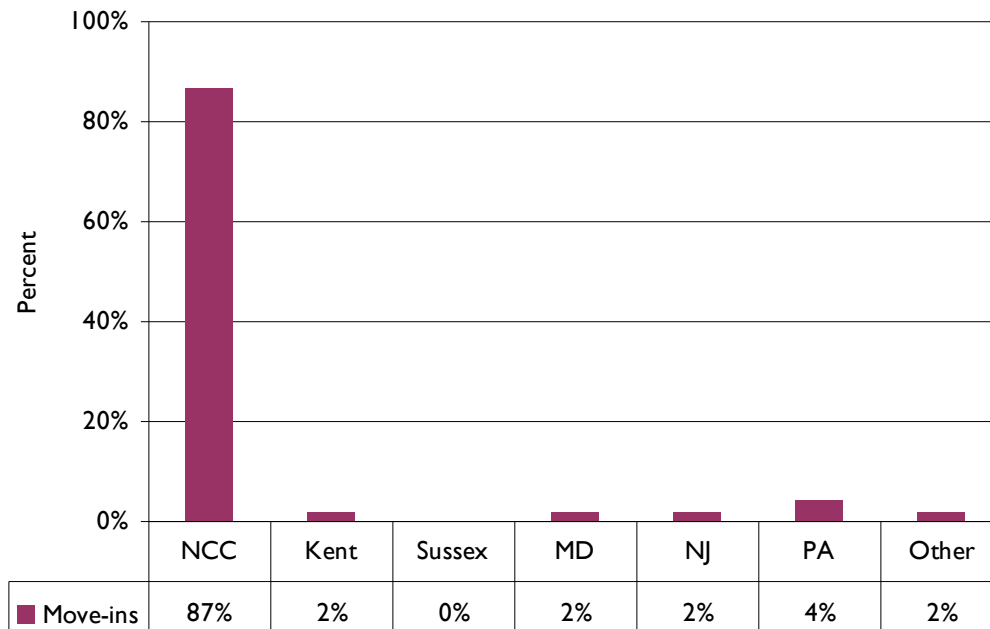
Delaware Assisted Living Move-ins by Prior Geographic Location 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

For rest residential facilities (they are only located in New Castle County) 87% of their move-ins are from New Castle County, 2% from Kent County and about 10% from other states.

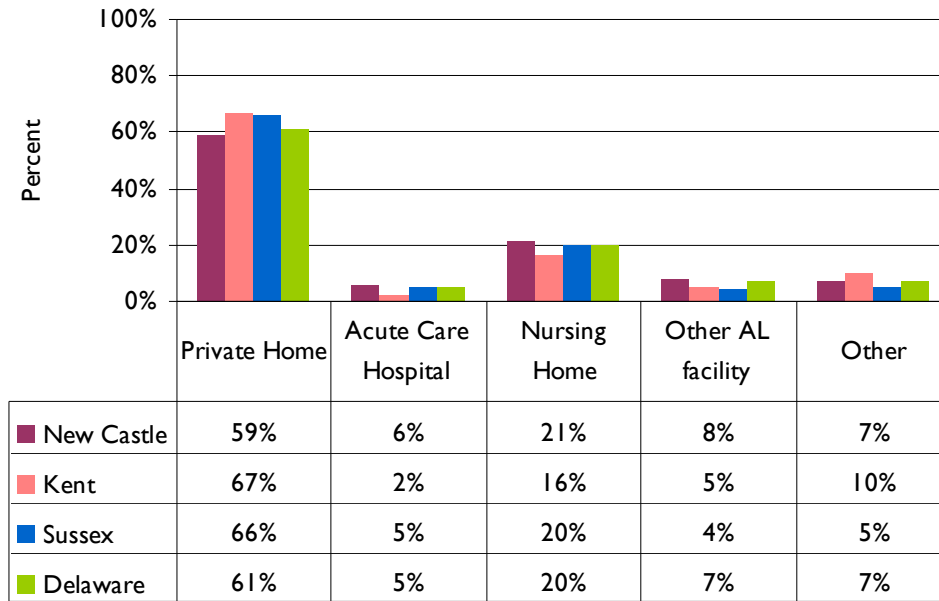
Delaware Rest Residential Move-ins by Prior Geographic Location 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

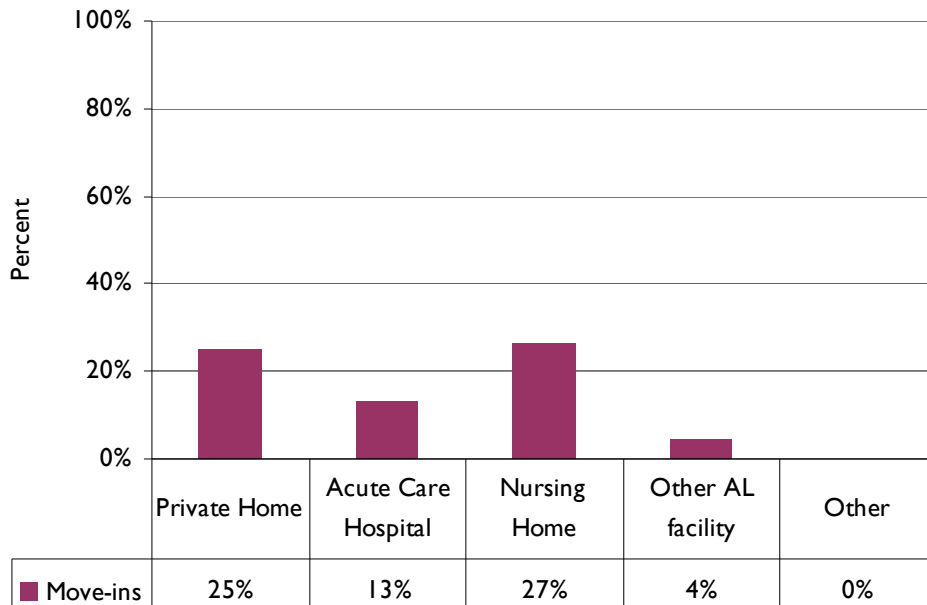
The graphs on the following page tabulate the data on the source of residents in Delaware’s assisted living and rest residential facilities by prior residency type. Looking at the State as a whole, around 61% of move-ins to assisted living facilities is from private homes. About one fifth of all move-ins to assisted living facilities are from nursing homes. These proportions vary somewhat with Kent County’s proportion (67%) of move-ins from private homes being the highest. Given the fact that rest residential facilities serve a different population, their move-in source is different. About 27% of all move-ins to rest residential facilities are from nursing homes while about 25% are from private homes.

Delaware Assisted Living Move-ins by Prior Residency Type 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

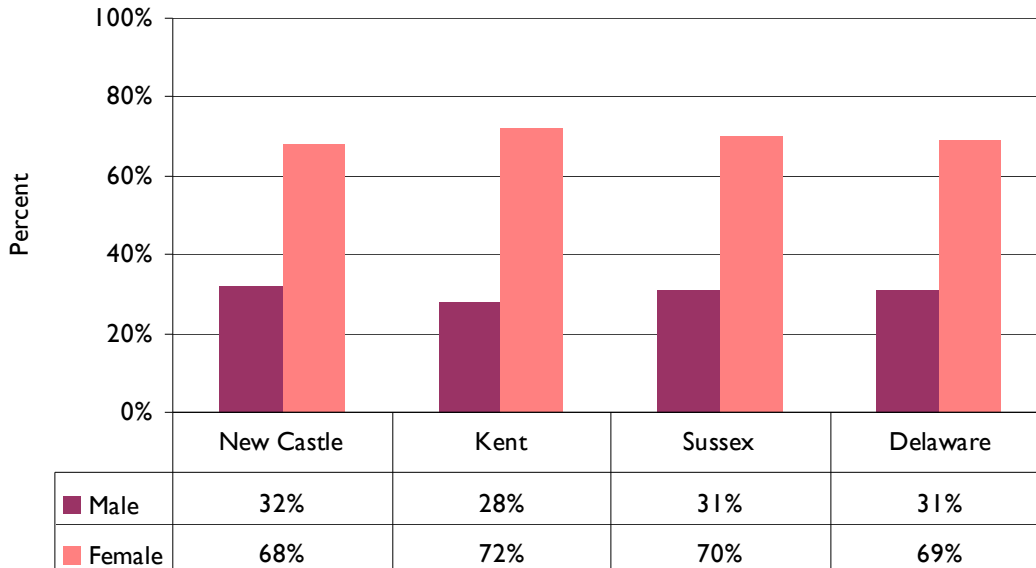
Delaware Rest Residential Move-ins by Prior Residency Type 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

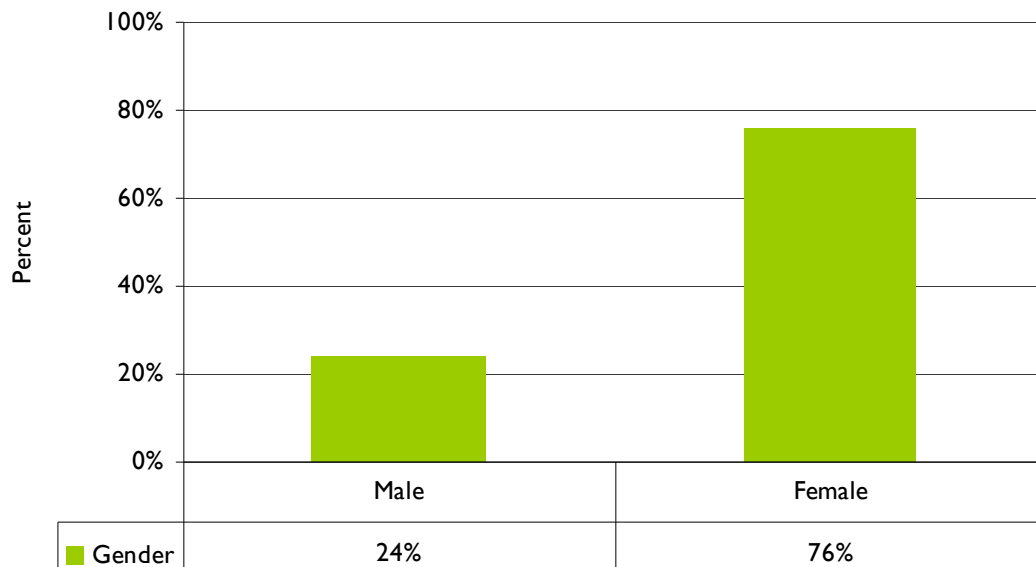
Across Delaware, almost 70% of all move-ins to assisted living facilities are female, while 31% are male. This proportion varies minimally across counties. The proportions for rest residential facilities are basically the same (24% male and 76% female).

Delaware Assisted Living Move-ins by Gender 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

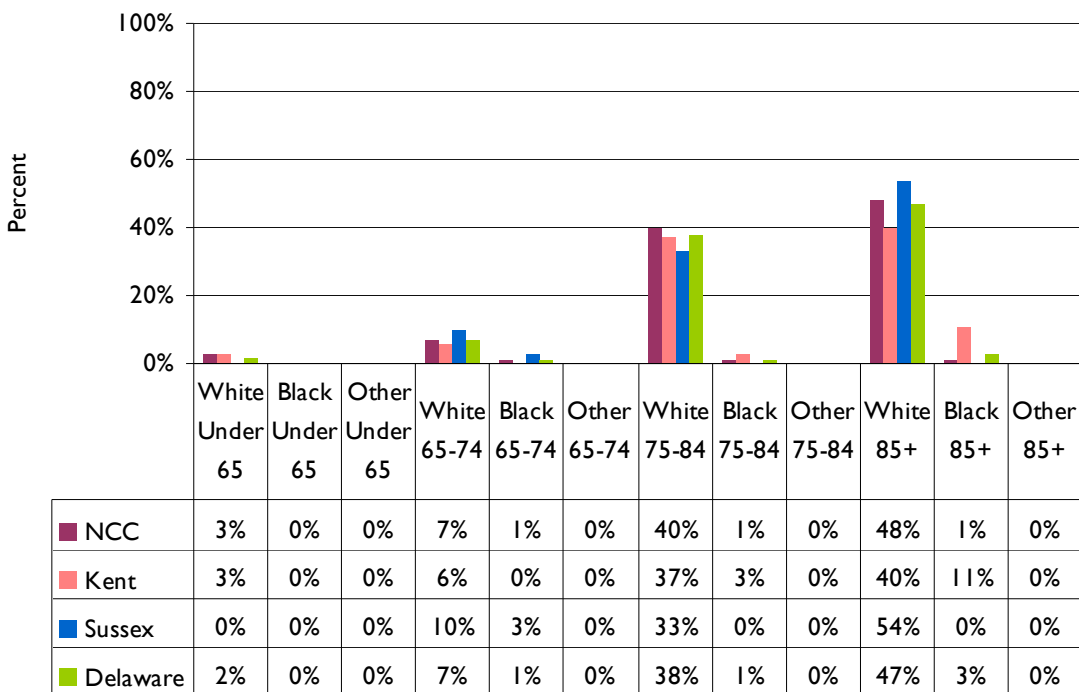
Delaware Rest Residential Move-ins by Gender 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

The graph below tabulates the male move-ins to Delaware’s assisted living facilities by age, race and county. Of all male move-ins to Delaware assisted living facilities 47% are white aged 85 and above, and 38% are white aged 75-84. The proportion of black move-ins aged 85 and above for Delaware as a whole is 3% while the proportion of black move-ins to Delaware’s Assisted Living facilities aged 75-84 stands at 1%. These ratios vary somewhat across counties. For example, about 40% of Kent County’s move-ins are white aged 85 and above compared to 48% in New Castle County and 54% in Sussex County.

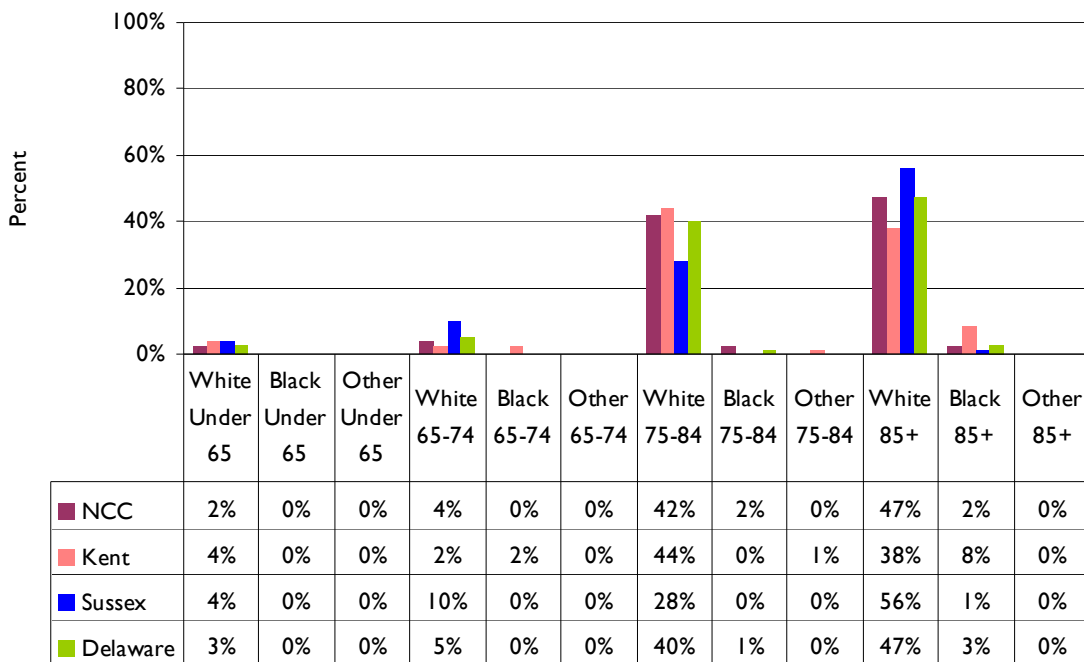
Delaware Male Assisted Living Move-ins by Age, Race and County 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

Female move-ins to Delaware’s assisted living facilities by age, race and county are presented below. Of all female move-ins to Delaware’s assisted living facilities, 47% are white aged 85 and above, 40% are white aged 75-84. The proportion of black move-ins aged 85 and above for Delaware as a whole is 3%. The proportion of black male move-ins to Delaware’s assisted living facilities aged 75-84 stands at 1%. These ratios vary somewhat across counties. For example, about 38% of Kent County’s move-ins are white aged 85 and above compared to 47% in New Castle County and 56% in Sussex County.

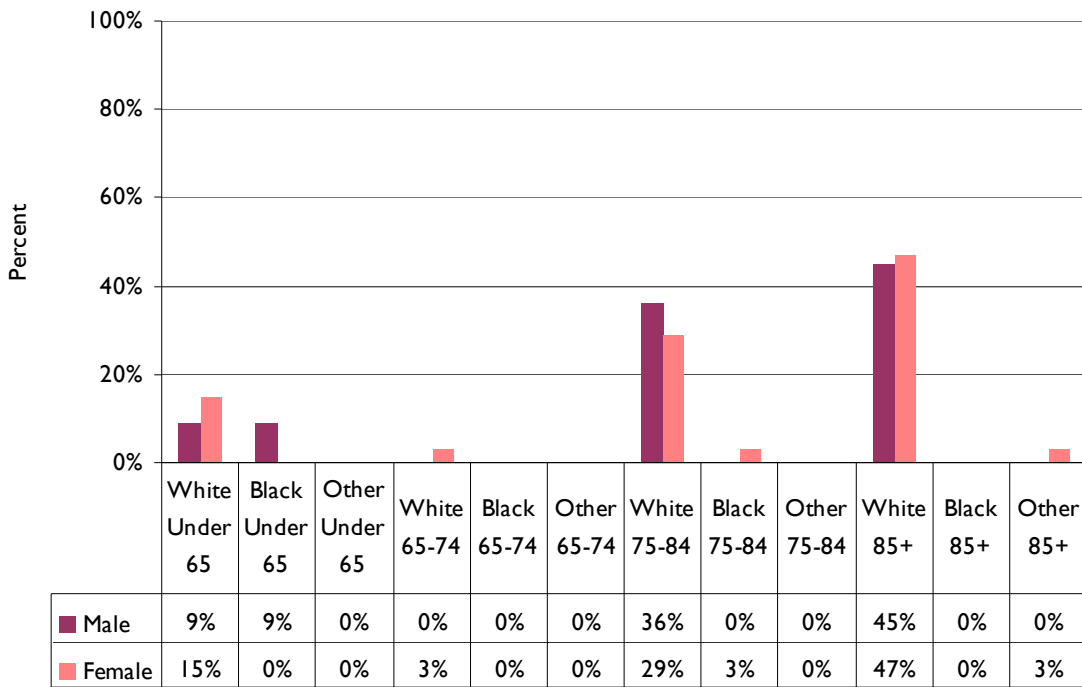
Delaware Female Assisted Living Move-ins by Age, Race and County 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

Move-ins to Delaware’s rest residential facilities by gender, age, race and county are presented below. Of all male move-ins to Delaware’s rest residential facilities, 45% are white and aged 85 and above. Among female move-ins, the proportion is again highest among white women aged 85 and above (47%). About 36% of male move-ins are white males aged 75-84. About 29% of all female move-ins are white females aged 75-84.

Delaware Rest Residential Move-ins by Gender, Age, Race and County 2008

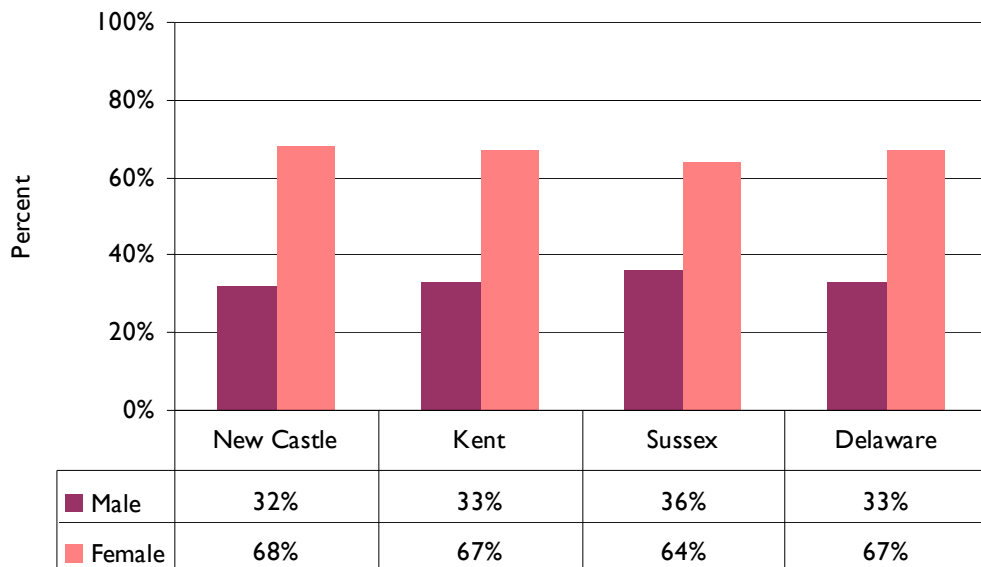


Source: Center for Applied Demography & Survey Research
University of Delaware

VI. RESIDENT MOVE-OUT

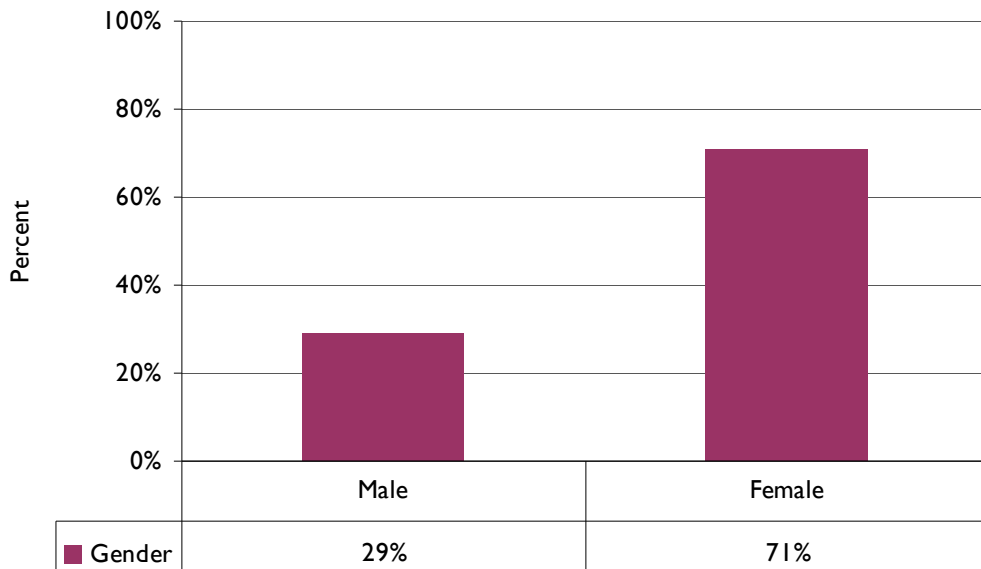
Resident move-outs are tabulated below. Overall for Delaware, the proportion of females moving out of assisted living facilities stands at 67%, while only 33% of move-outs are male. There is minimal variation across counties, with Sussex County having the lowest proportion (64%) of female move-outs from assisted living facilities. The proportion of male and female move-outs at rest residential facilities basically mirrors the ratio for assisted living facilities in the state. At rest residential facilities, 29% of move-outs are male while 71% are female.

Delaware Assisted Living Resident Move-outs by Gender 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

Delaware Rest Residential Resident Move-outs by Gender 2008

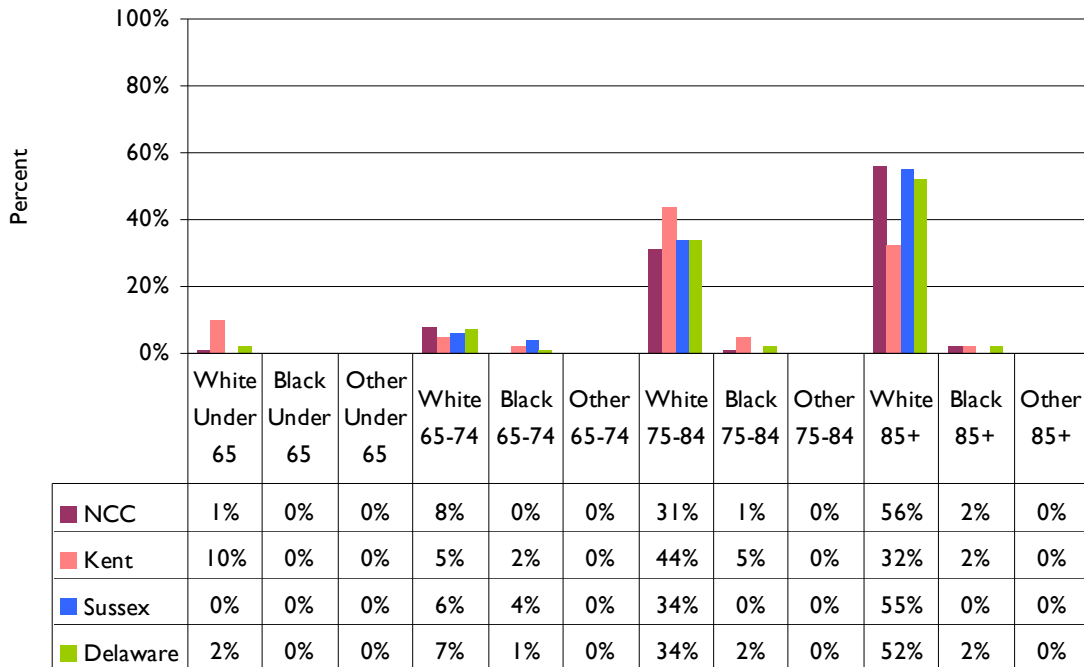


Source: Center for Applied Demography & Survey Research
University of Delaware

The two graphs on the following pages tabulate the data on the proportion of move-outs from assisted living facilities by gender, age, race and county. Across Delaware, and in all individual counties, white males aged 85 and above represent the highest proportion of move-outs (52% for the state, 56% for New Castle County, 32% for Kent County and 55% for Sussex County). The next highest proportion among male move-outs belongs to white males aged 75-84. For them the ratios vary across counties, from 31% in New Castle County and about 44% in Kent County.

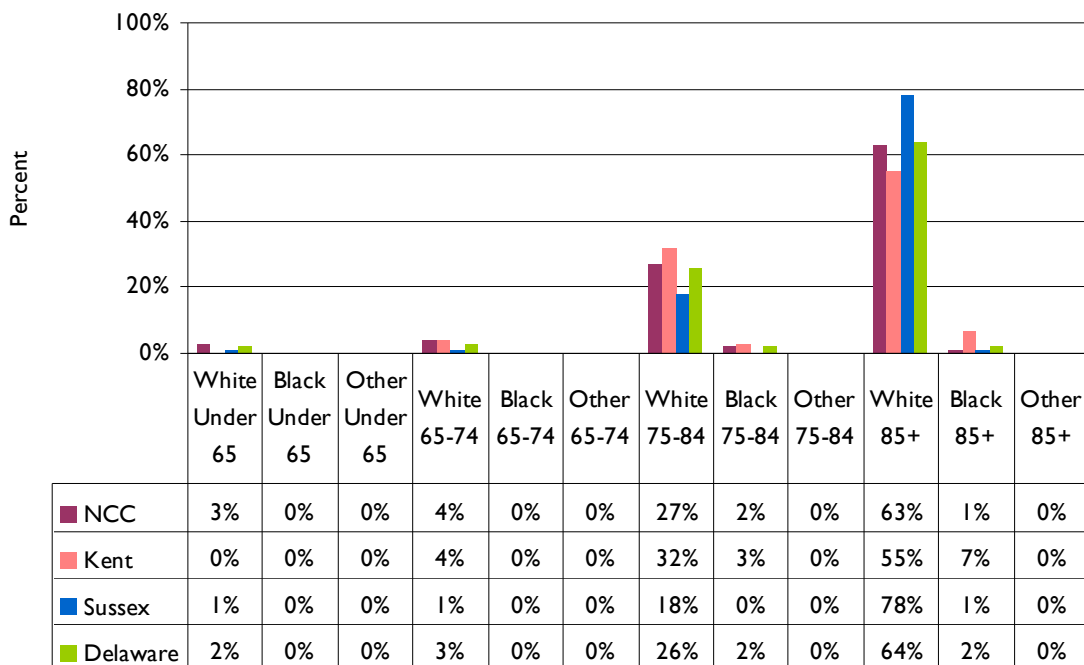
Move-outs from assisted living facilities for females basically mirror those of men. Across Delaware, and in all individual counties, white females aged 85 and above represent the highest proportion of move-outs (64% for the state, 63% for New Castle County, 55% for Kent County and 78% for Sussex County). The next highest proportion among female move-outs belongs to white females aged 75-84. For them the ratios vary across counties, from 18% in Sussex County and about 32% in Kent County.

Delaware Male Assisted Living Move-outs by Race, Age and County 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

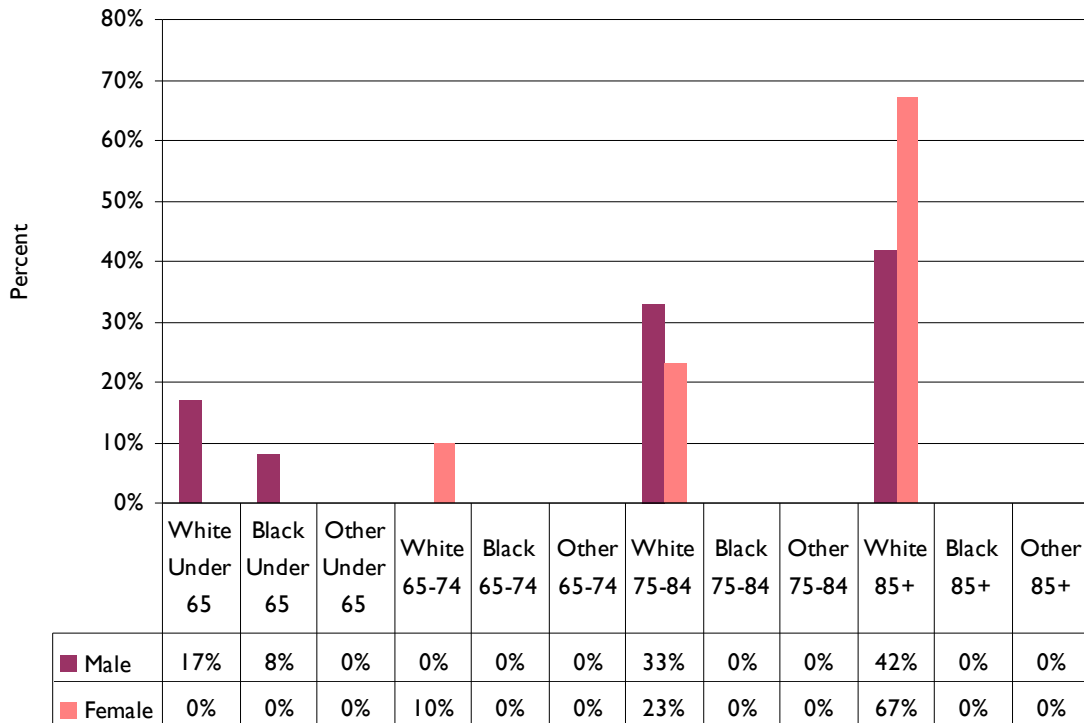
Delaware Female Assisted Living Move-outs by Race, Age and County 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

Move-outs from the rest residential facilities are presented in the graph below. White males aged 85 and above represent 42% of the male move-outs and white females aged 85 and above represent 67% of all female move-outs – in line with assisted living move-outs.

Delaware Rest Residential Move-outs by Gender, Age and Race 2008

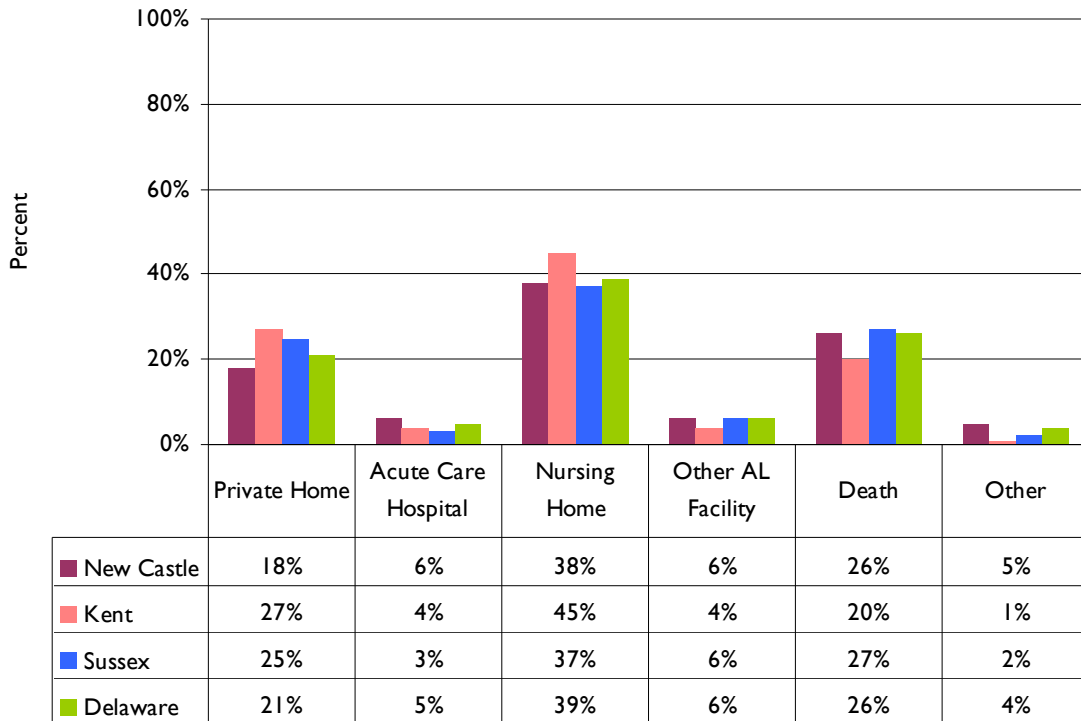


Source: Center for Applied Demography & Survey Research
University of Delaware

Comparison of move-outs from assisted living and rest residential facilities by destination is presented on the next page. Move-outs to nursing homes are the most common move-outs across Delaware. About 40% of all move-outs from assisted living facilities are to nursing homes. For Delaware, about 21% of all move-outs from assisted living facilities are to private homes. This ratio varies somewhat between counties, with Kent County having the highest proportion (27%) and New Castle County having the lowest proportion (18%) of move-outs to private homes.

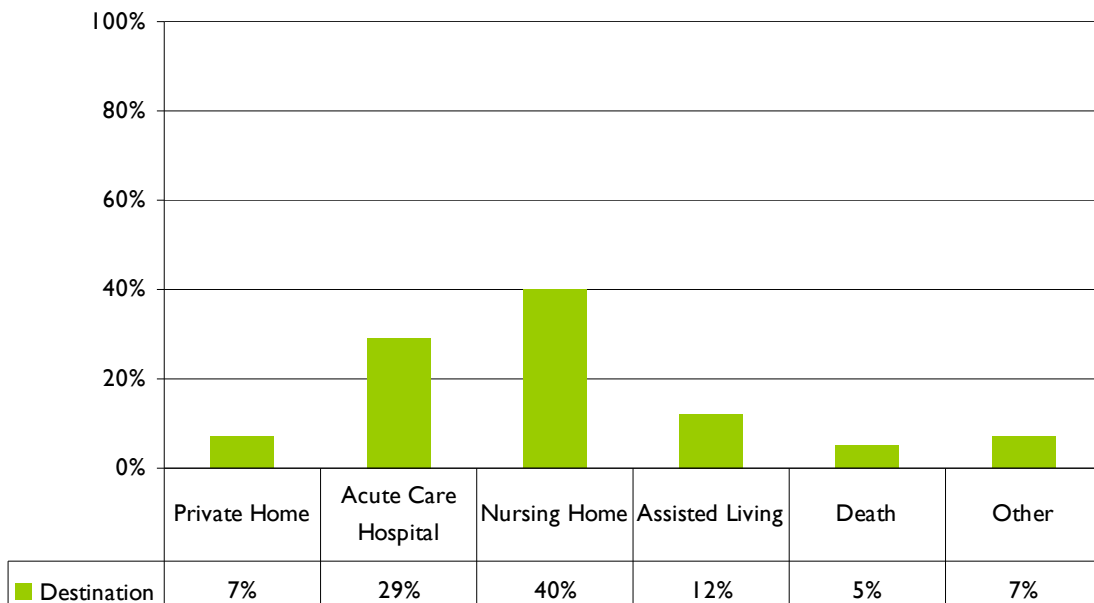
For rest residential facilities, the highest proportion of move-outs are to nursing homes (40%), followed by acute care hospitals (29%). Move-outs to private homes represent about 7% of all move-outs from rest residential facilities.

Delaware Assisted Living Resident Move-outs by Destination and County 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

Delaware Rest Residential Move-outs by Destination 2008



Source: Center for Applied Demography & Survey Research
University of Delaware

VII. APPENDIX



Mail completed report to:

CHEP - CADSR
University of Delaware
P.O. Box 6003
Newark, DE 19714-9984

Fax completed report to:

(302) 831-6434

Email completed report to:

rbedford@udel.edu

ASSISTED LIVING/REST (RESIDENTIAL) FACILITY STATISTICAL REPORT

Month/YR Ending: Facility Name: County: NC K S Please Check One

Administrator: Report Prepared by:

Phone: Fax: E-mail address:

(1) NUMBER OF LICENSED UNITS/BEDS:

Assisted Living units: Assisted Living beds:

Rest Residential units: Rest Residential beds:

(2) NUMBER OF RESIDENTS BY SOURCE OF PAYMENT: (End of Month)

Medicaid Waiver (DE) Other (Please Specify)

Self-Pay Total

(3) NUMBER OF RESIDENT BILLABLE DAYS FOR MONTH:

Rest Residential: Assisted Living:

(4) NUMBER OF UNITS OCCUPIED (end of month):

Rest Residential: Assisted Living:

INSTRUCTIONS: The number of move-in admissions on lines 5, 6a and 7 must be equal to the same total. The total number of move-outs on line 6b must equal the total move-outs identified in line 7. Please note that deaths are included under the move-out category.

(5) COUNTY OR STATE OF RESIDENCE AT TIME OF MOVE-IN

If Delaware resident, number of move-ins from:

New Castle County

Kent County

Sussex County

If Out of State resident, number of move-ins from:

Maryland

New Jersey

Pennsylvania

Other (Please Specify)

(Turn page to continue)

(6a) NUMBER OF MOVE-INS BY AGE, RACE AND SEX:

<u>AGE</u>	<u>MALE</u>				<u>FEMALE</u>			
	White	Black	Other	Total	White	Black	Other	Total
Under 65	_____	_____	_____	_____	_____	_____	_____	_____
65-74	_____	_____	_____	_____	_____	_____	_____	_____
75-84	_____	_____	_____	_____	_____	_____	_____	_____
85+	_____	_____	_____	_____	_____	_____	_____	_____

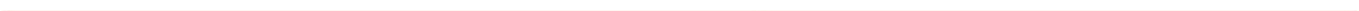
(6b) NUMBER OF MOVE-OUTS BY AGE, RACE AND SEX:

<u>AGE</u>	<u>MALE</u>				<u>FEMALE</u>			
	White	Black	Other	Total	White	Black	Other	Total
Under 65	_____	_____	_____	_____	_____	_____	_____	_____
65-74	_____	_____	_____	_____	_____	_____	_____	_____
75-84	_____	_____	_____	_____	_____	_____	_____	_____
85+	_____	_____	_____	_____	_____	_____	_____	_____

(7) RESIDENT MOVE-IN FROM AND MOVE-OUT TO

	<u>Number of Move Ins By Source of Referral</u>	<u>Number of Move Outs By Disposition</u>
Own or Relatives Home	_____	_____
Acute Care Hospital	_____	_____
Nursing Home	_____	_____
Assisted Living	_____	_____
Death	N/A	_____
Other (Please Specify)	_____	_____

PLEASE RETURN THE COMPLETED QUESTIONNAIRE TO THE ADDRESS PROVIDED ON THE FIRST PAGE OF THE FORM. THANK YOU!

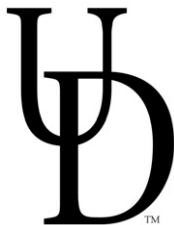


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