

**Author's Note:** *This information is from a Draft report by the Division of Public Health, Bureau of Health Planning and should be considered a draft.*

# Delaware Nursing Home and Assisted Living/Rest Residential Utilization Statistics January - December 2009

Presented to the Delaware Health Resources Board  
April 22, 2010

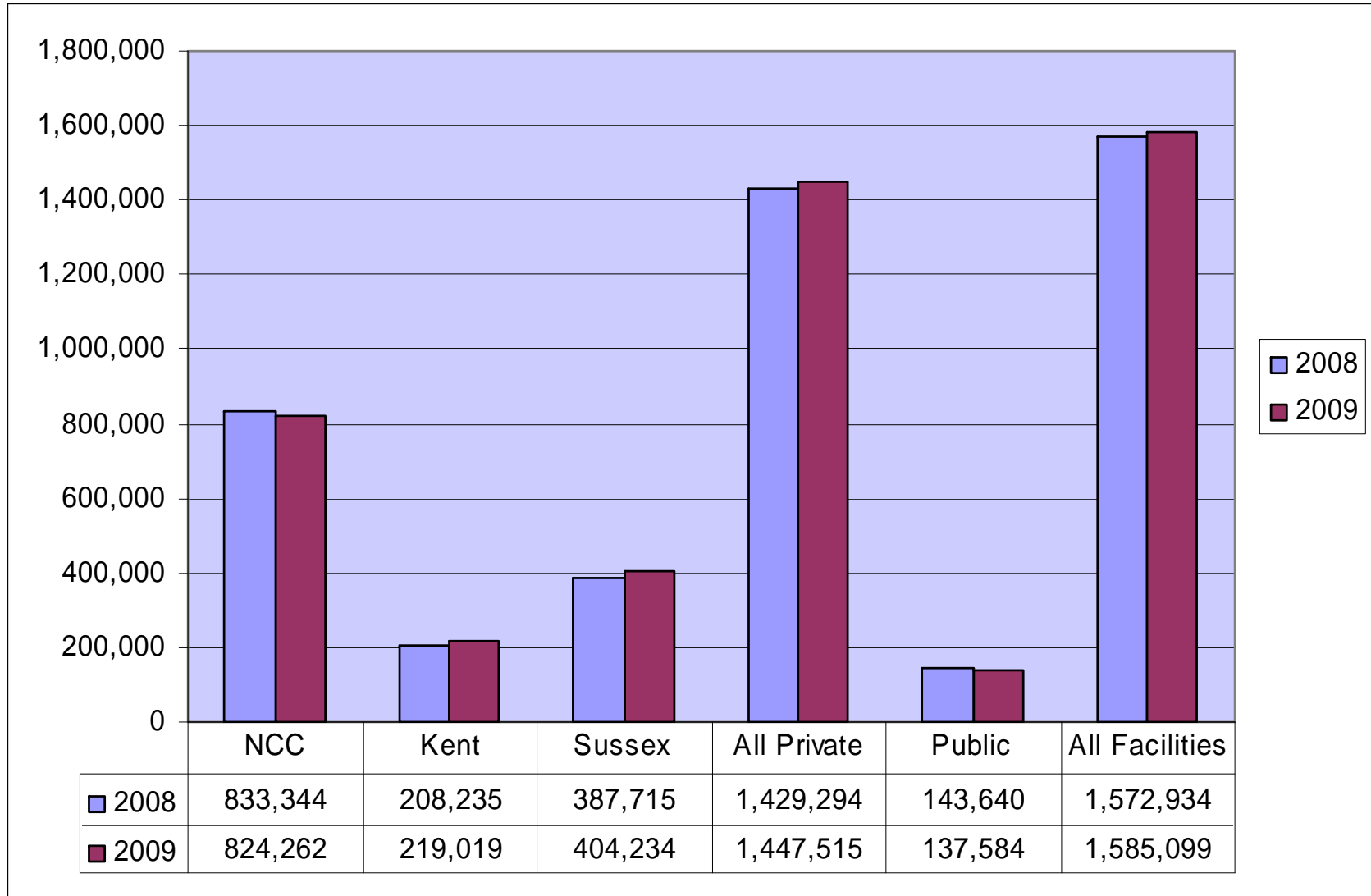
Tibor Toth and Rebecca Bedford  
Center for Applied Demography and Survey Research  
University of Delaware

- The 2009 Nursing Home Utilization Statistics Report presents the collected data in two sections. The “Facility Characteristics” section focuses on data collected from 1998 through 2009. Most of the summary presented in this section focuses on aggregated data for all nursing homes in Delaware, specifically:
  - (1) Facility characteristics (the number of homes and beds by ownership)
  - (2) Utilization data (patient days, occupancy, admissions and discharges)
  - (3) Patient characteristics (age, gender and source of payment)
- The second section entitled “Tables” presents summary characteristics such as total patient days, occupancy rates, and patients by source of payment, along with the number of admissions and discharges for each facility.

## Total Number of Nursing Home Beds by County and Facility Type and the Percent of Change

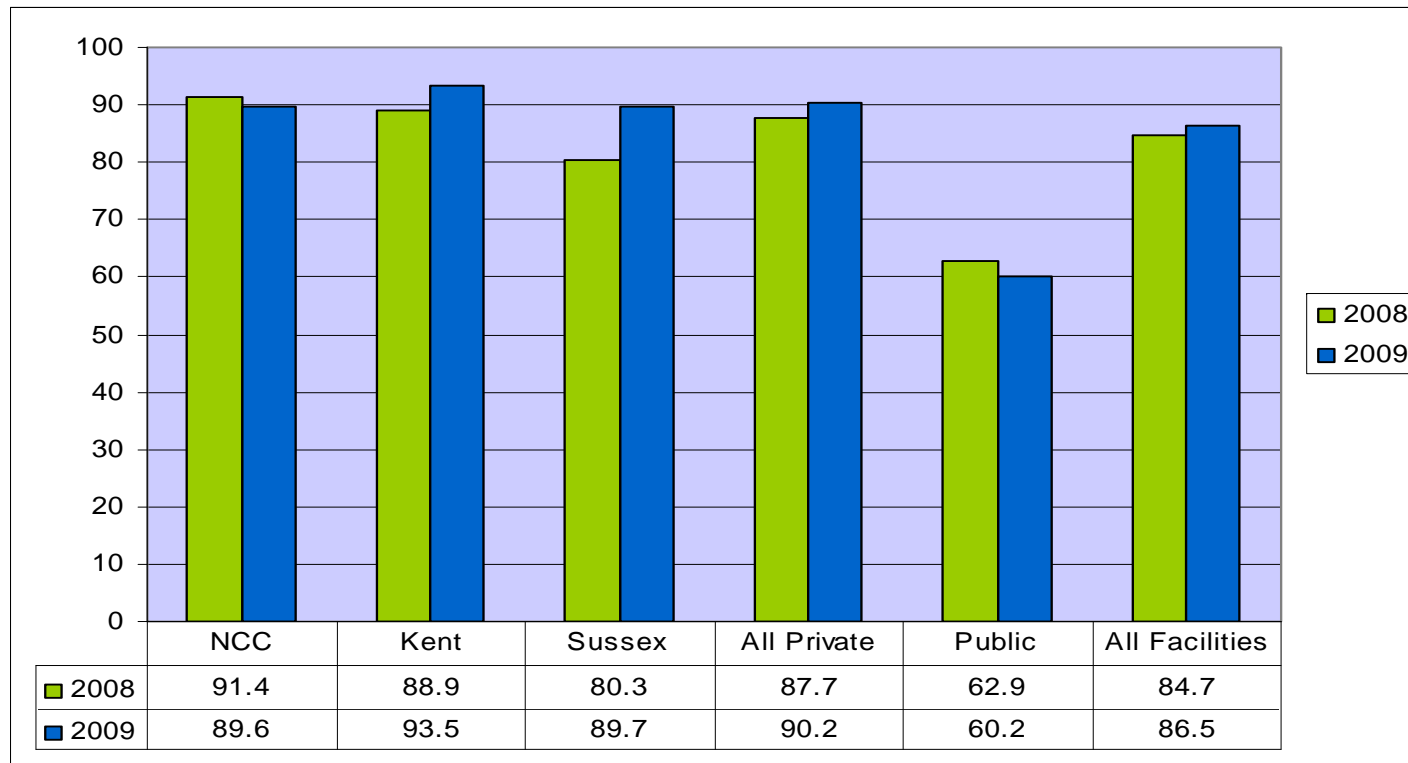
Year	Private Facilities								Public Facilities		All Facilities	
	New Castle County		Kent County		Sussex County		Total Private					
	# of		# of		# of		# of		# of		# of	
	Homes	Beds	Homes	Beds	Homes	Beds	Homes	Beds	Homes	Beds	Homes	Beds
<b>1998</b>	27	2,533	6	615	12	1,211	45	4,359	4	816	49	5,175
<b>1999</b>	26	2,425	6	615	11	1,213	44	4,259	4	816	47	5,069
<b>2000</b>	26	2,435	6	566	11	1,213	43	4,214	4	655	47	4,869
<b>2001</b>	26	2,421	6	544	10	1,199	42	4,164	4	655	47	4,869
<b>2002</b>	26	2,425	5	530	10	1,161	41	4,116	4	655	45	4,771
<b>2003</b>	26	2,427	5	530	10	1,144	41	4,101	4	655	45	4,756
<b>2004</b>	26	2,400	5	521	10	1,133	41	4,054	4	653	45	4,707
<b>2005</b>	27	2,516	5	521	10	1,133	42	4,170	4	652	46	4,822
<b>2006</b>	26	2,427	5	530	10	1,144	41	4,101	4	655	45	4,756
<b>2007</b>	27	2,523	6	642	10	1,143	43	4,308	4	626	47	4,934
<b>2008</b>	26	2,498	6	642	12	1,323	44	4,463	4	626	48	5,089
<b>2009</b>	26	2,519	6	642	11	1,234	43	4,395	4	626	47	5,021
<b>1999-2009 % Change</b>		3.9%		4.4%		1.7%		3.2%		-23.3%		-0.9%

## Number of Patient Days Utilized By Facility Type, and County 2008-2009

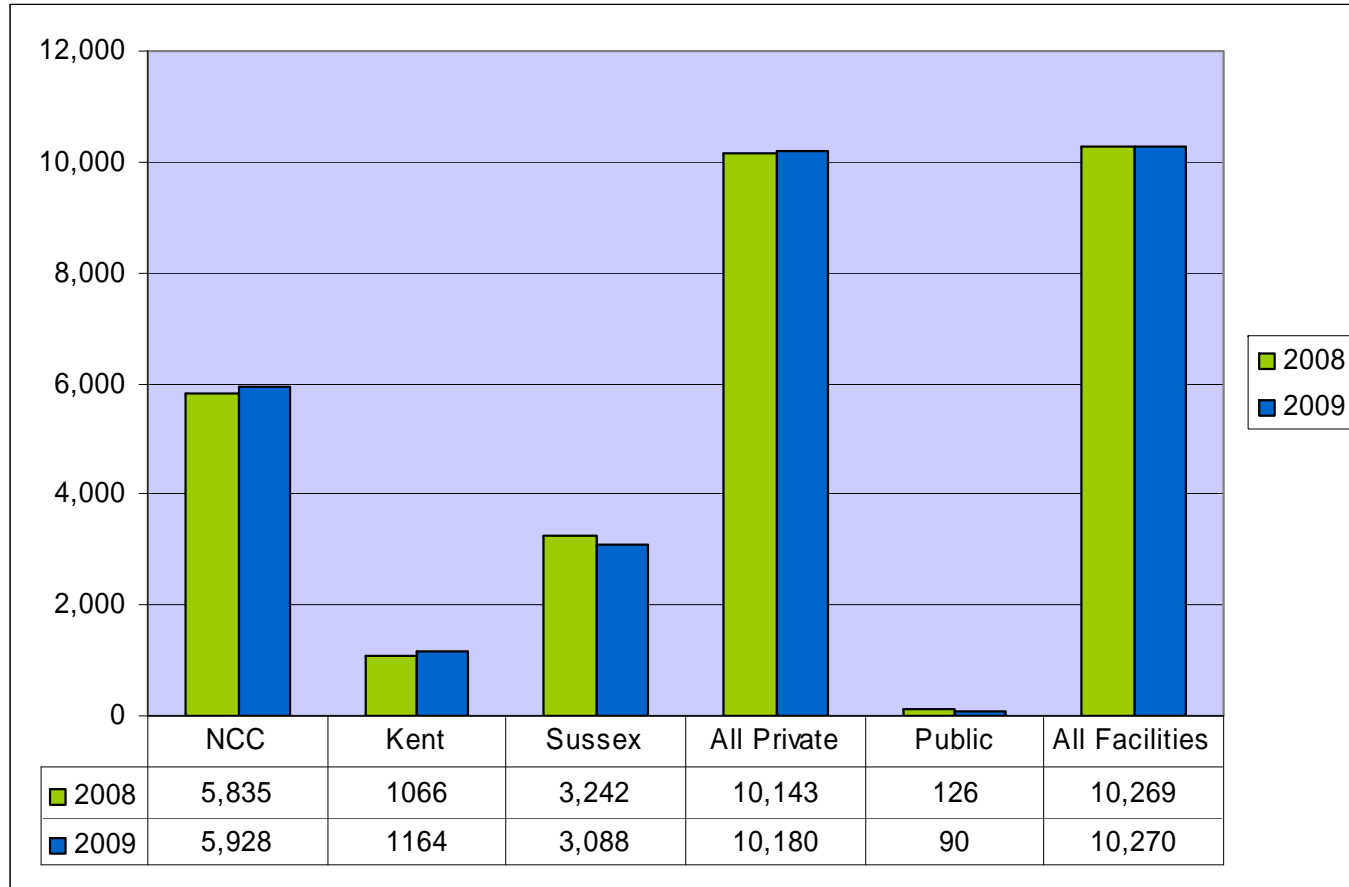


# Percent of Nursing Home Bed Occupancy 2008-2009

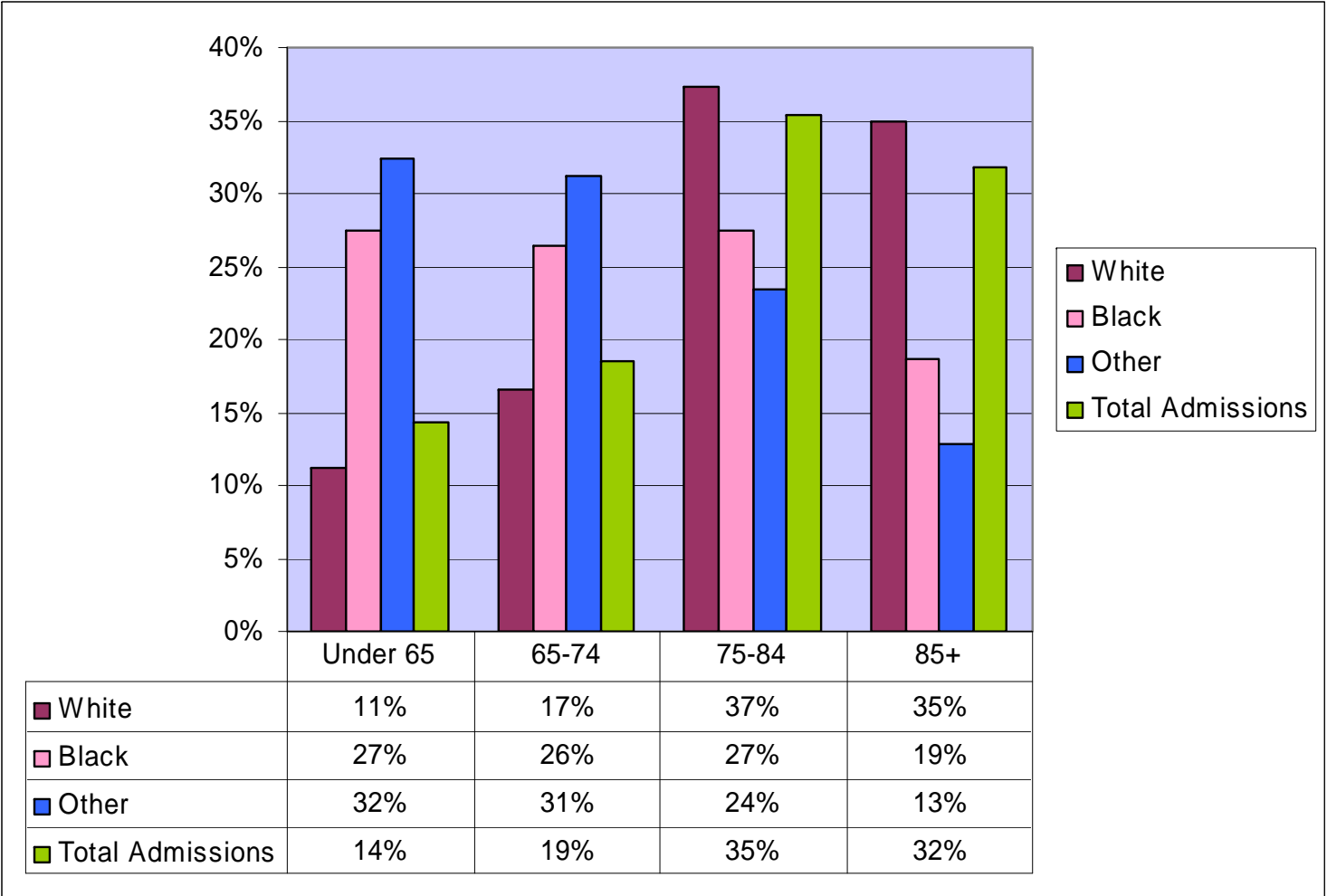
- Occupancy rates are calculated as:  $(\text{Number of Patient days}/(\text{Number of beds} \times 365)) \times 100$ .
- This calculation assumes that all facilities were open 365 days and that the number of licensed beds did not vary throughout the year.
- In the report you will find average occupancy rates and overall (weighted) occupancy rates based on the actual number of days facilities were open.
- Please note that a couple of facilities had changes in the number of licensed beds which can influence the occupancy rates.



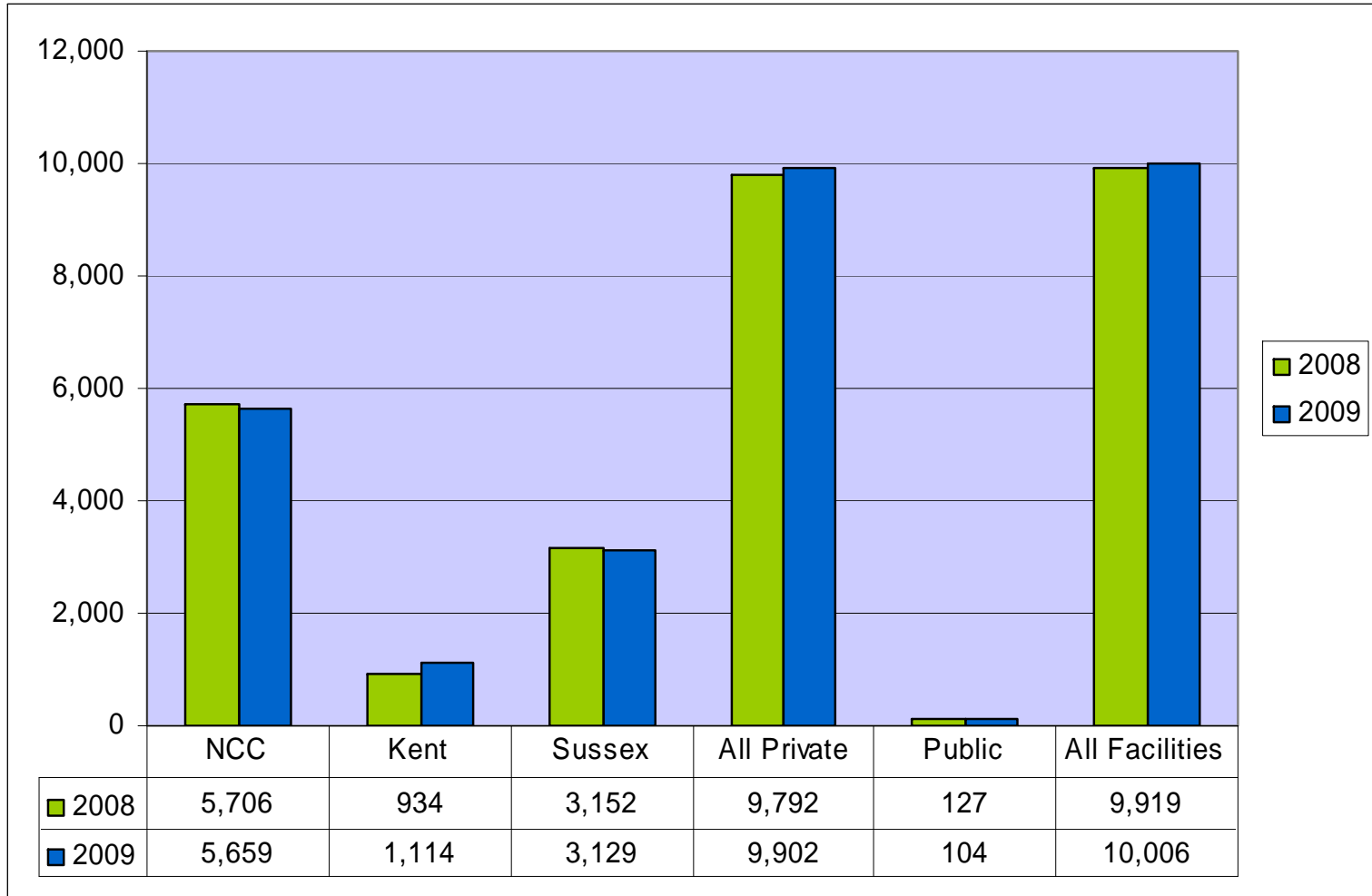
## Total Number of Admissions and Facility Type and County 2008-2009



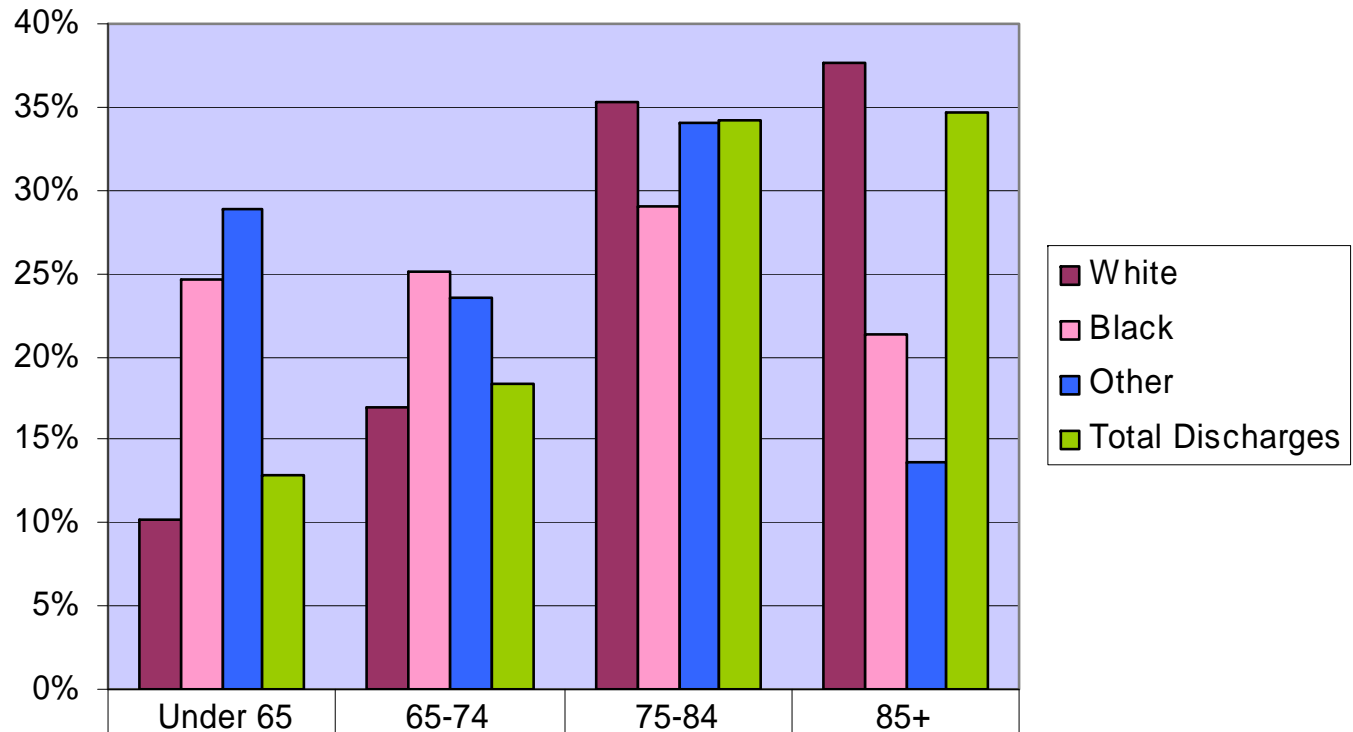
# Percent of Admissions by Race and Age 2009



## Total Number of Discharges and Facility Type and County 2008-2009

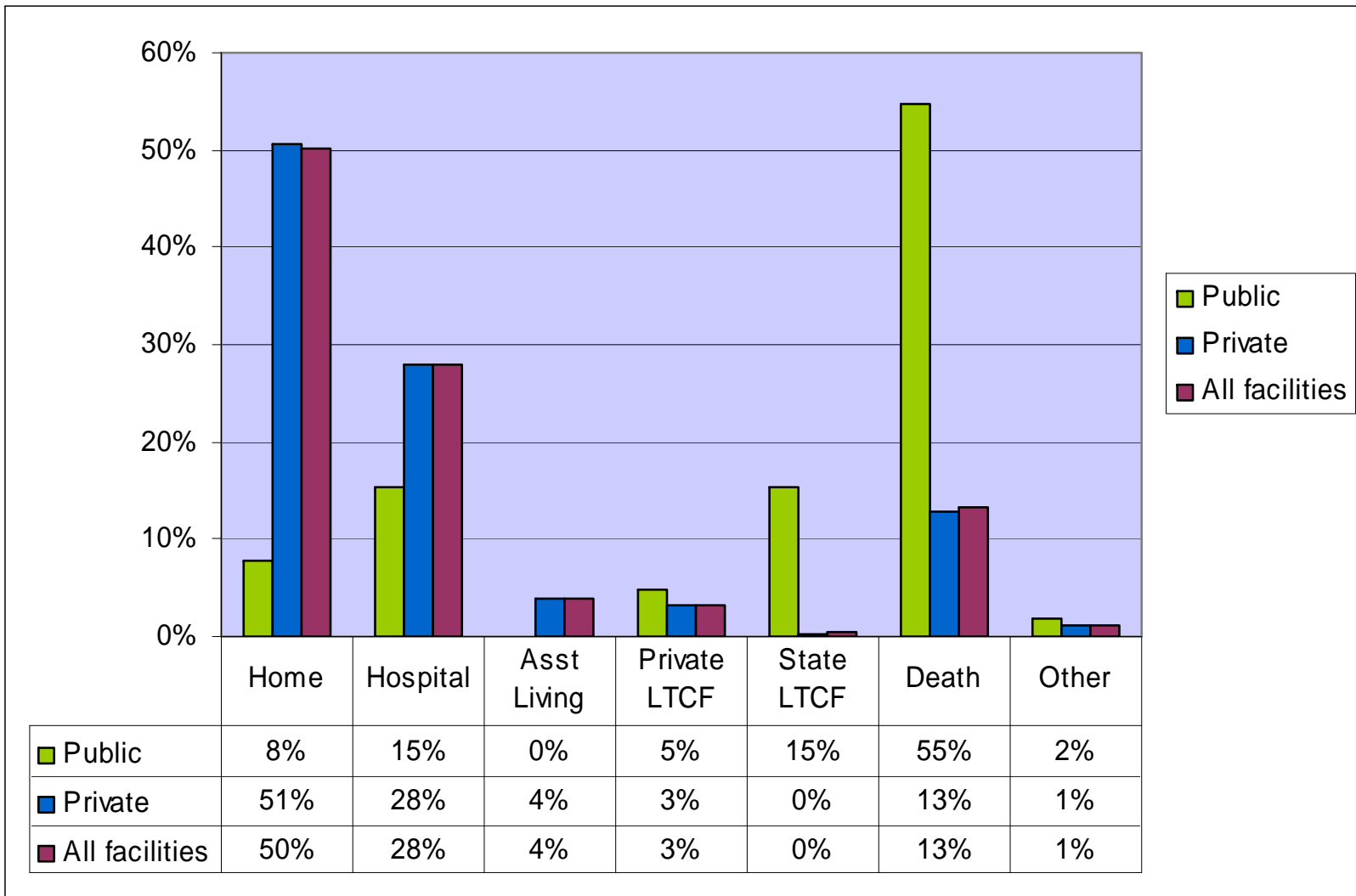


# Percent of Discharges by Race and Age 2009

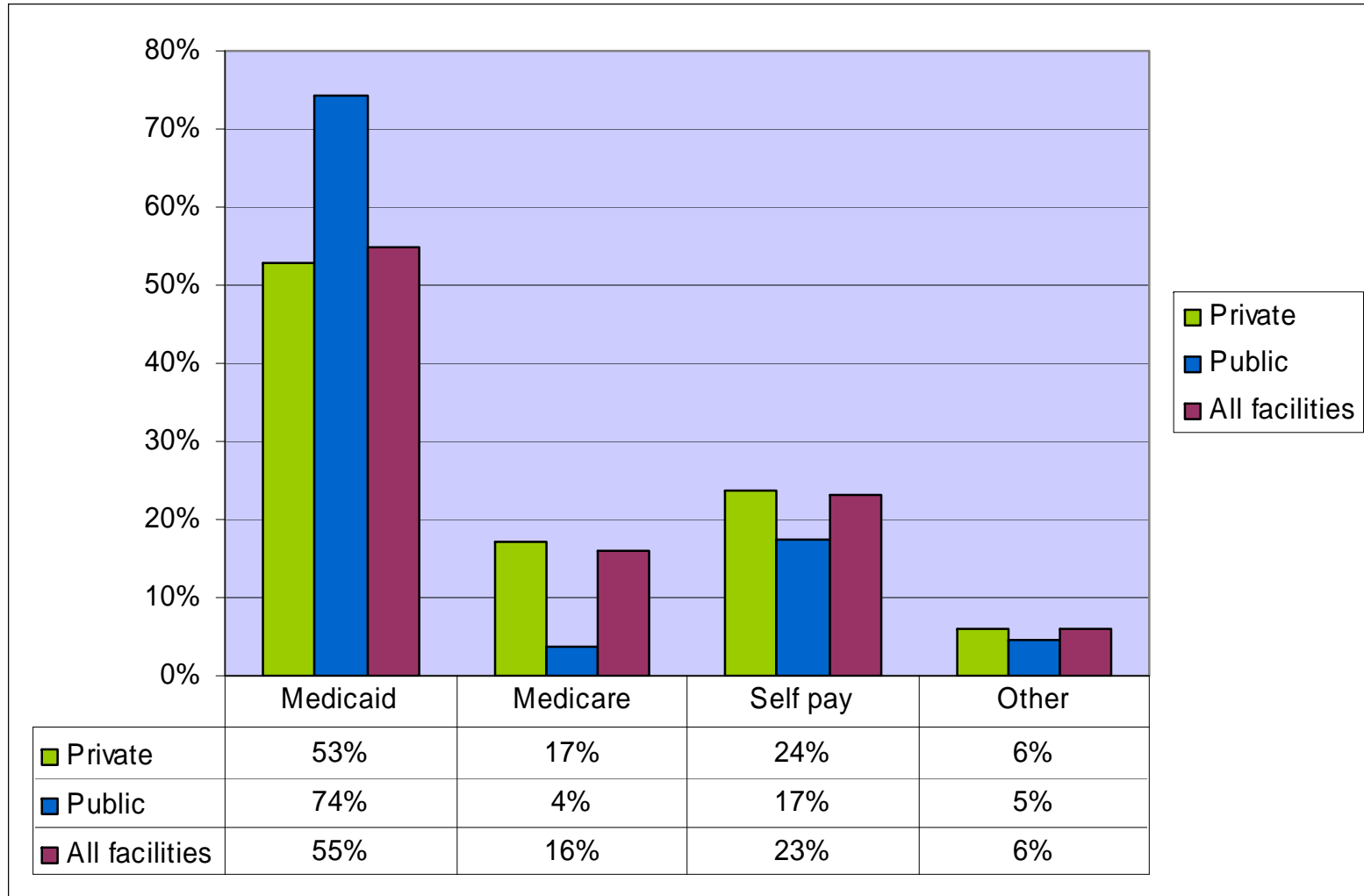


White	10%	17%	35%	38%
Black	25%	25%	29%	21%
Other	29%	24%	34%	14%
Total Discharges	13%	18%	34%	35%

# Percent of Discharges by Destination 2009



# Percent of Source of Payment by Facility Type 2009



# 2009 Assisted Living/Rest Residential Utilization Report

- The same methods were used to collect the data for the assisted living/rest residential facilities as the nursing home facilities. The report presents the collected data in five sections.
- A Definitions section which summarizes terminology used throughout the report, a “Facility Characteristics” section which summarizes the licensed capacity of Delaware’s assisted living/rest residential facilities by Facility and County and the last three sections reflect the 2009 aggregated data for all facilities, specifically:
  - (1) Utilization
  - (2) Move-Ins
  - (3) Move-outs

## Calculating Occupancy Rates for Assisted Living/Rest Residential facilities

- **Occupancy rates for individual facilities** are calculated as the ratio of Resident Billable days (reported by facility on a monthly basis) and Licensed bed days. Licensed bed days are calculated as Licensed beds (reported by facility in December) multiplied by the Total (actual) days facility was open during the year (based on months facility was open). **The Occupancy rates (overall) at County, State level** is calculated as the ratio of Resident Billable Days (sum for each facility in the geography) and Licensed Bed days (sum for each facility in the geography). **The Occupancy rate (average)** at County, State level is calculated as the mean (average) of Occupancy rates for individual facilities in the given geography.

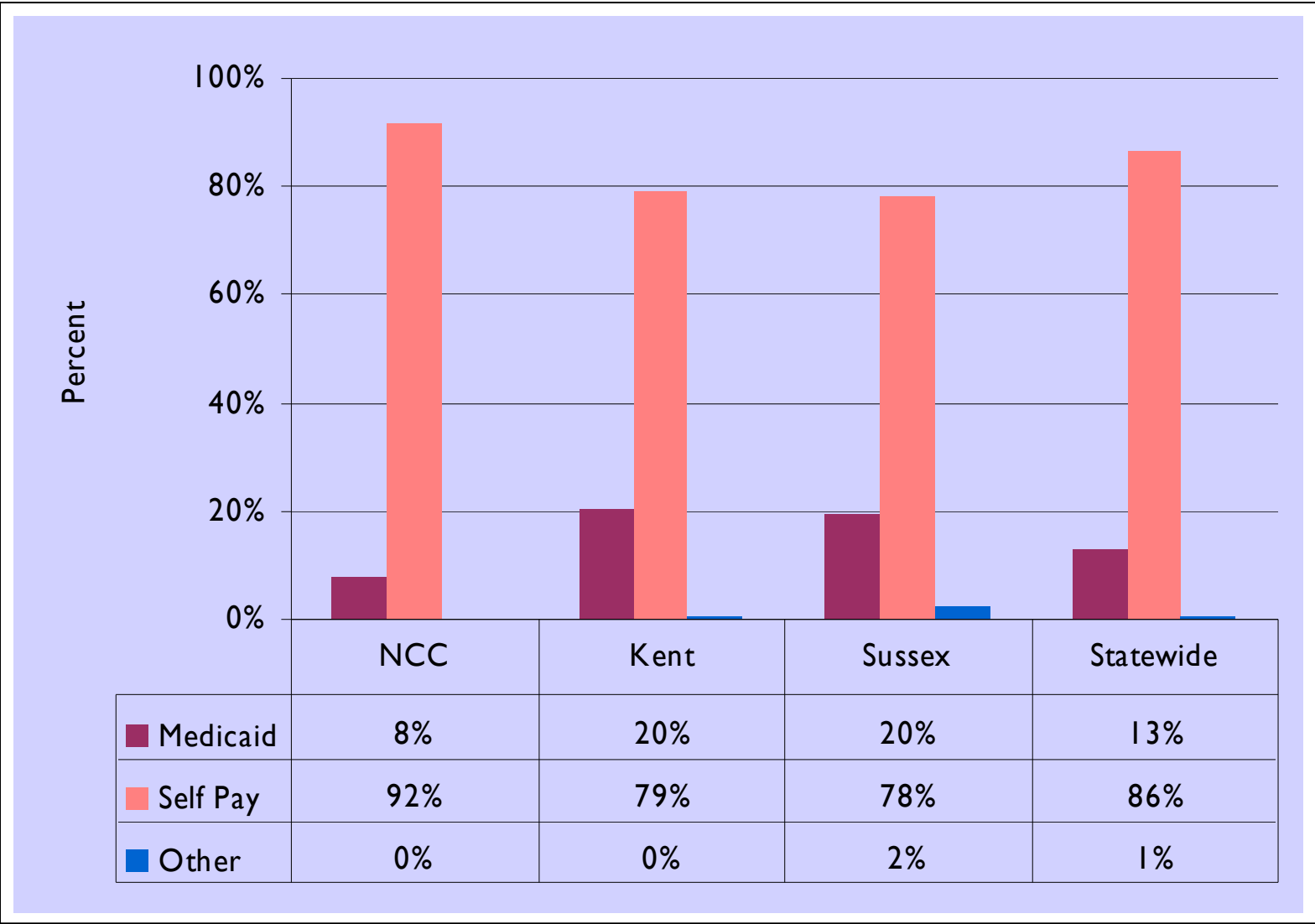
Facility Name	Resident billable days 2009	Licensed beds 2009	Months facility open in 2009	Average days/month 2009	Total days facility open 2009	Licensed bed days in 2009	Occupancy rate 2009
<b>New Castle County</b>							
Arden Courts	14,818	56	12	30.42	365	20,442	72.5%
Cokesbury Village	13,931	49	12	30.42	365	17,887	77.9%
Eden Rock	6,330	28	12	30.42	365	10,221	61.9%
Forwood Manor	11,706	37	12	30.42	365	13,506	86.7%
Foulk Manor North	13,222	44	12	30.42	365	16,062	82.3%
Foulk Manor South	8,401	51	12	30.42	365	18,617	45.1%
Ingleside Assisted Living	17,125	60	12	30.42	365	21,902	78.2%
Luther Towers I	2,291	54	11	30.42	335	18,069	12.7%
Luther Towers II	5,335	62	12	30.42	365	22,632	23.6%
Methodist Country House	11,501	40	12	30.42	365	14,602	78.8%
Millcroft	9,125	36	12	30.42	365	13,141	69.4%
Rockland Place	27,895	93	12	30.42	365	33,949	82.2%
Shipleigh Manor	4,974	15	12	30.42	365	5,476	90.8%
Somerford House	20,407	72	12	30.42	365	26,283	77.6%
Somerford Place	18,476	52	12	30.42	365	18,982	97.3%
Sunrise of Wilmington	24,964	90	12	30.42	365	32,854	76.0%
The Gardens at White Chapel	42,370	132	12	30.42	365	48,185	87.9%
The Lorelton	21,723	86	12	30.42	365	31,393	69.2%
Windsor Place	20,812	66	12	30.42	365	24,093	86.4%
<b>New Castle County Total</b>	<b>295,406</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>408,297</b>	<b>n/a</b>
			<b>NCC Occupancy rate (overall)</b>				<b>72.4%</b>
			<b>NCC Occupancy rate (average)</b>				<b>71.4%</b>

<b>Kent County</b>							
Delaware Veterans Home	236	30	5	30.42	152	4,563	5.2%
Green Meadows at Dover	28,075	96	12	30.42	365	35,044	80.1%
Heritage at Dover	27,102	80	12	30.42	365	29,203	92.8%
State Street Assisted Living	31,794	98	12	30.42	365	35,774	88.9%
Westminster Village	21,594	99	12	30.42	365	36,139	59.8%
<b>Kent County Total</b>	<b>108,801</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>140,723</b>	
						<b>Kent Occupancy rate (overall)</b>	<b>77.3%</b>
						<b>Kent Occupancy rate (average)</b>	<b>65.3%</b>

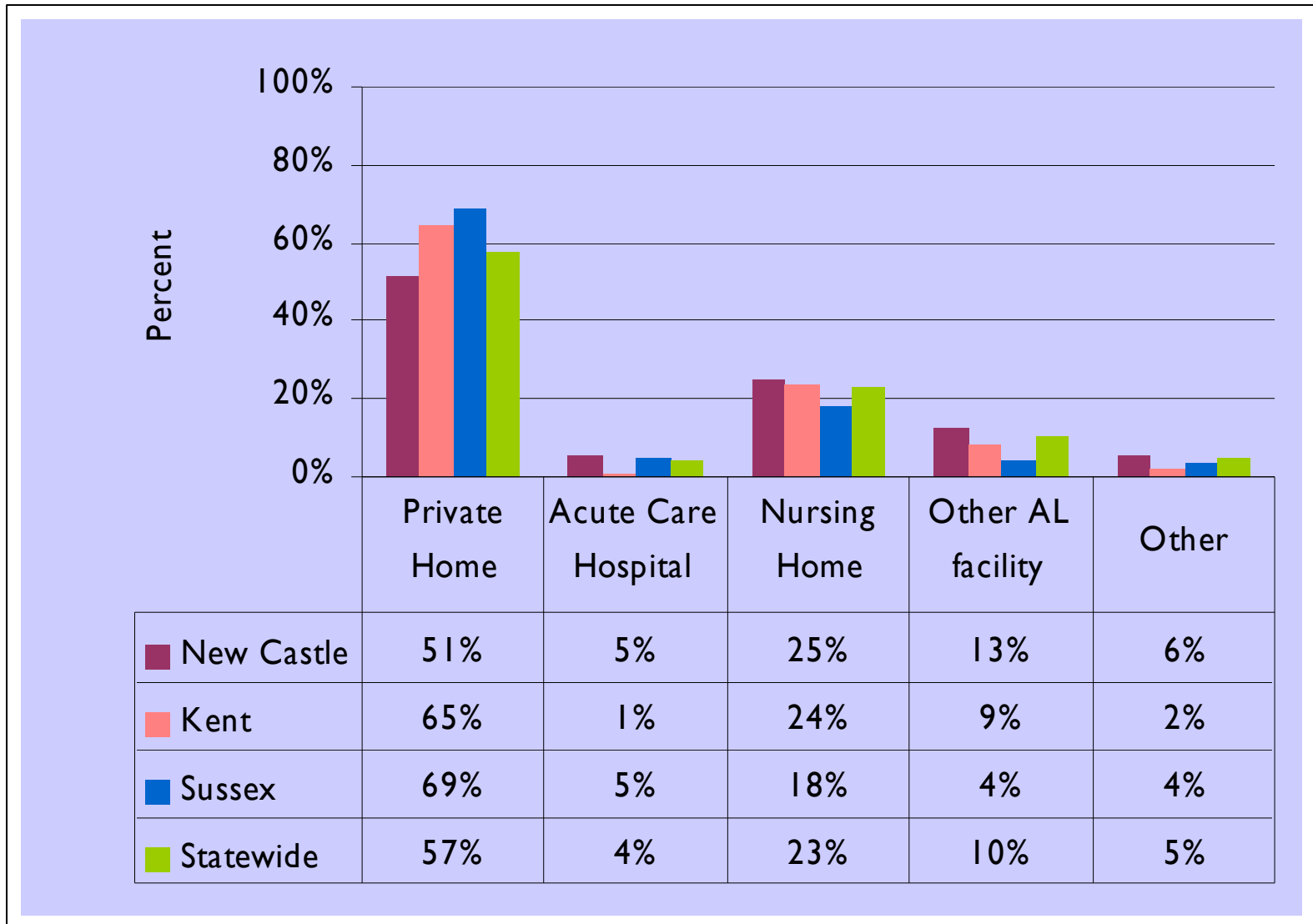
<b>Facility Name</b>	<b>Resident billable days 2009</b>	<b>Licensed beds 2009</b>	<b>Months facility open in 2009</b>	<b>Average days/month 2009</b>	<b>Total days facility open 2009</b>	<b>Licensed bed days in 2009</b>	<b>Occupancy rate 2009</b>
<b>Sussex County</b>							
Brandywine Assisted Living	32,294	105	12	30.42	365	38,329	84.3%
Cadbury at Lewes	11,173	45	12	30.42	365	16,427	68.0%
Heritage at Milford	25,157	80	12	30.42	365	29,203	86.1%
Methodist Manor House	18,656	75	12	30.42	365	27,378	68.1%
Peach Tree Acres	7,110	20	12	30.42	365	7,301	97.4%
Seaford Center	4,774	19	12	30.42	365	6,936	68.8%
Stockley Center	4,774	15	12	30.42	365	5,476	87.2%
<b>Sussex County Total</b>	<b>103,938</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>131,049</b>	<b>n/a</b>
						<b>Sussex Occupancy rate (overall)</b>	<b>79.3%</b>
						<b>Sussex Occupancy rate (average)</b>	<b>80.0%</b>
<b>Total Statewide</b>	<b>508,145</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>680,070</b>	<b>n/a</b>
						<b>DE Occupancy rate (overall)</b>	<b>74.7%</b>
						<b>DE Occupancy rate (average)</b>	<b>72.4%</b>

Facility Name	Resident billable days 2009	Licensed beds 2009	Months facility open in 2009	Average days/month 2009	Total days facility open 2009	Licensed bed days in 2009	Occupancy rate 2009
<b>New Castle County</b>							
Gilpin Hall	4,640	18	12	30.42	365	6,571	70.6%
Jeanne Jugan Residence	9,172	26	12	30.42	365	9,491	96.6%
Masonic Home of DE	9,445	52	12	30.42	365	18,982	49.8%
<b>New Castle County Total</b>	<b>23,257</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>35,044</b>	<b>n/a</b>
			<b>NCC Occupancy rate (overall)</b>				<b>66.4%</b>
			<b>NCC Occupancy rate (average)</b>				<b>72.3%</b>
<b>Kent County</b>							
<b>Kent County Total</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
			<b>Kent Occupancy rate (overall)</b>				<b>n/a</b>
			<b>Kent Occupancy rate (average)</b>				<b>n/a</b>
<b>Sussex County</b>							
<b>Sussex County Total</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
			<b>Sussex Occupancy rate (overall)</b>				<b>n/a</b>
			<b>Sussex Occupancy rate (average)</b>				<b>n/a</b>
<b>Total Statewide</b>	<b>23,257</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>35,044</b>	<b>n/a</b>
			<b>DE Occupancy rate (overall)</b>				<b>66.4%</b>
			<b>DE Occupancy rate (average)</b>				<b>72.3%</b>

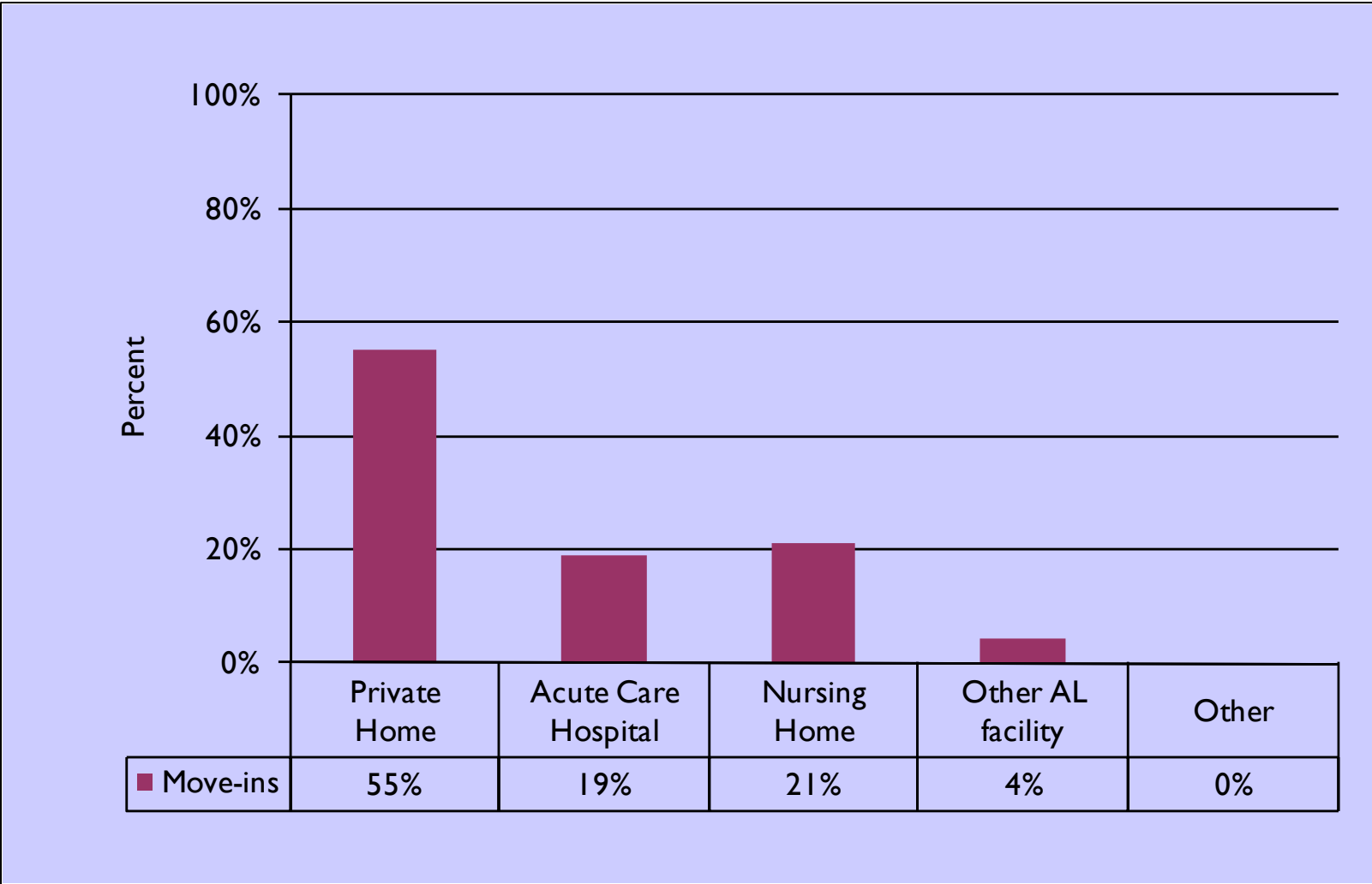
# Assisted Living Residents by Source of payment and County 2009



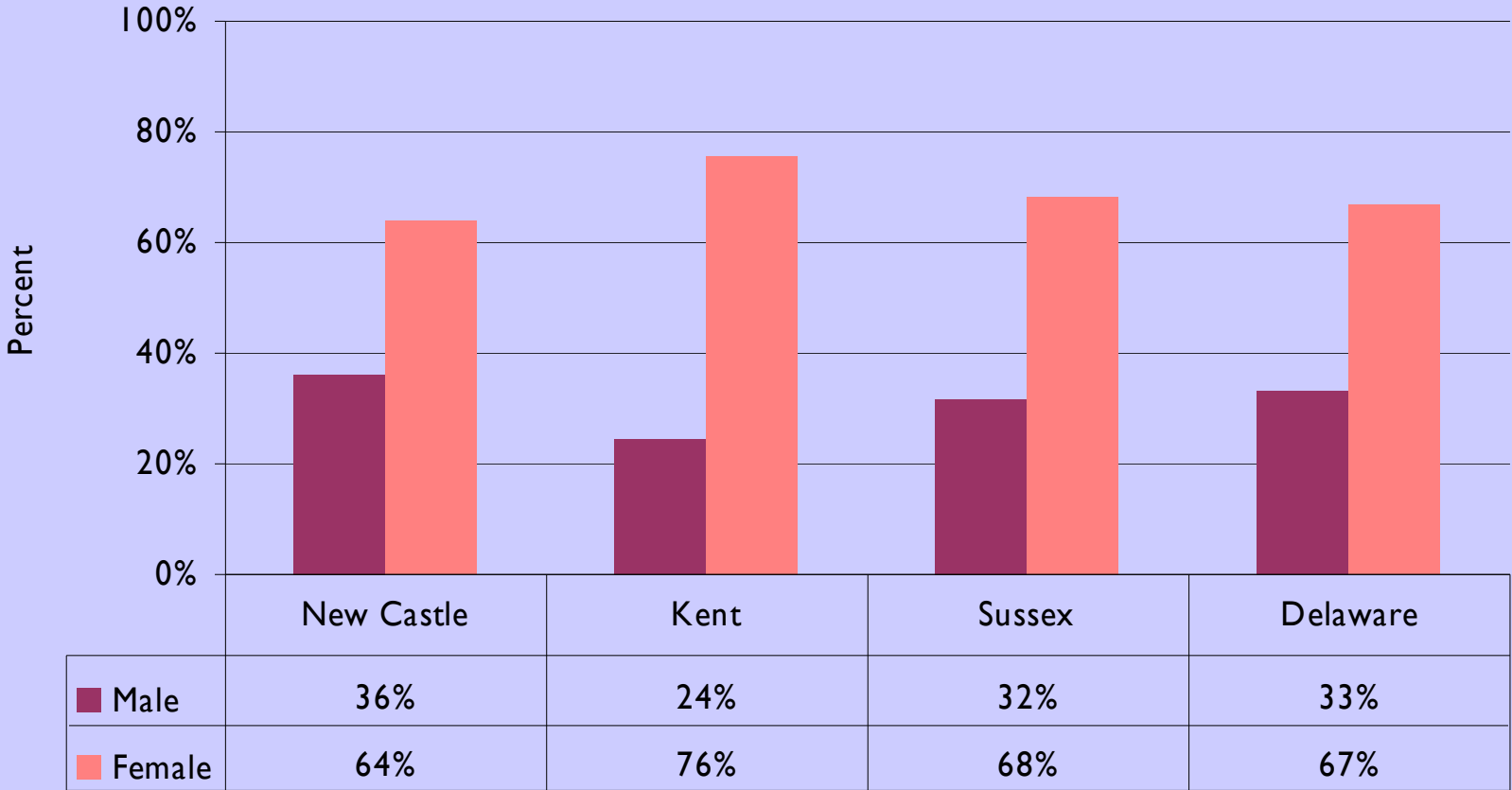
## Delaware Assisted Living Move-ins by Prior Residency Type 2009



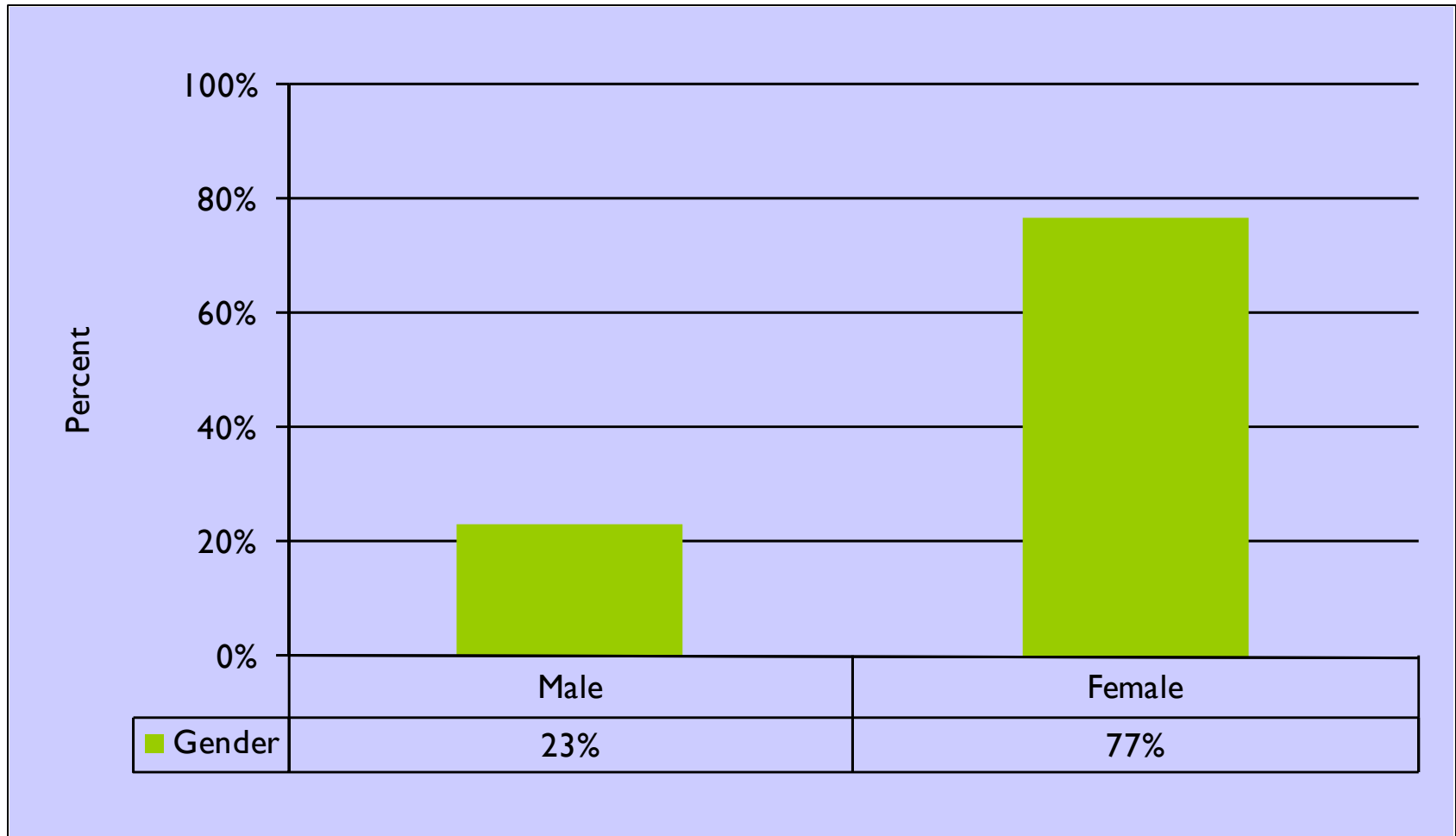
# Delaware Rest Residential Move-ins by Prior Residency Type 2009



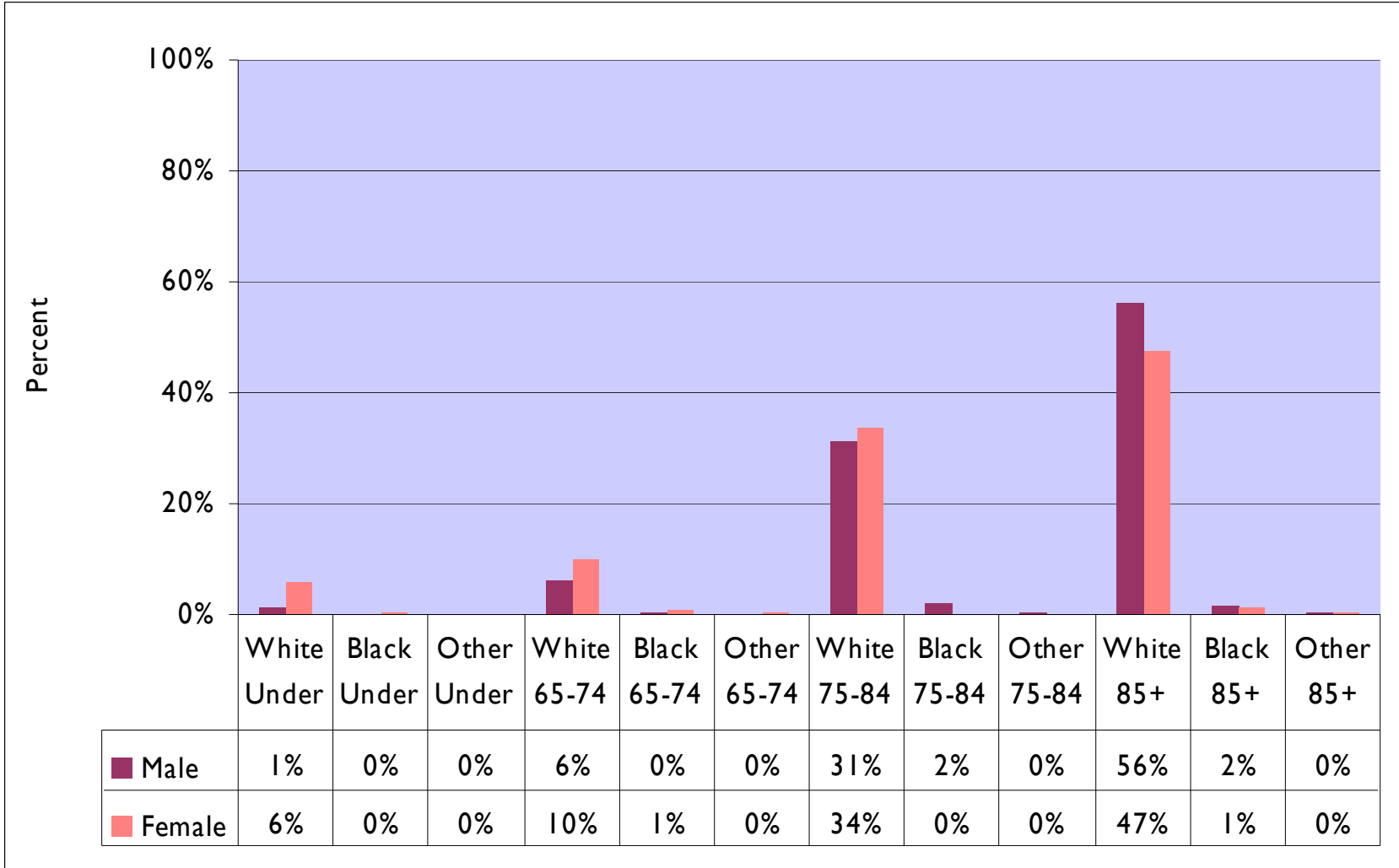
# Delaware Assisted Living Move-ins by Gender 2009



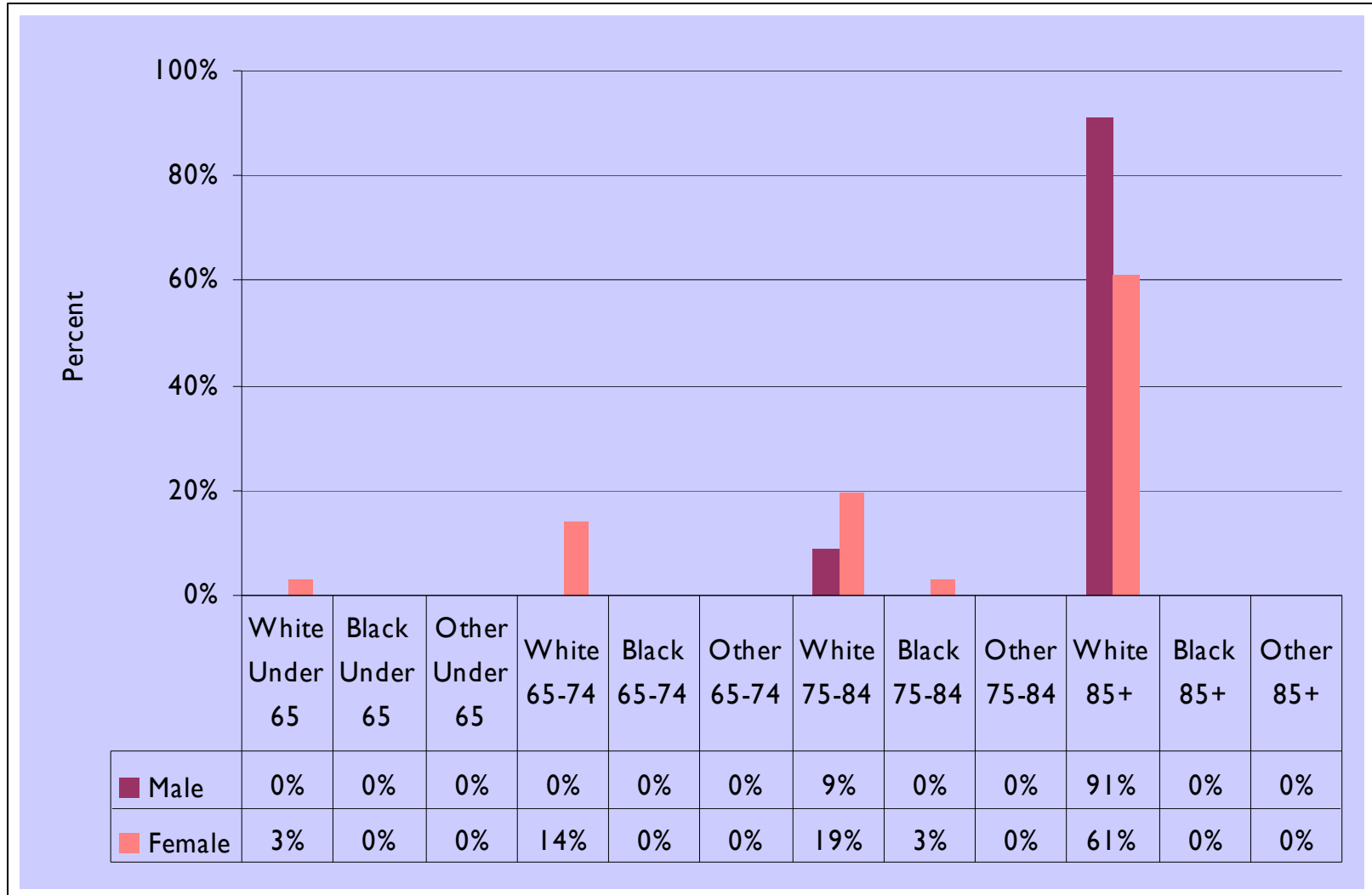
## Delaware Rest Residential Move-ins by Gender 2009



# Assisted Living Move ins by Gender, Age, and Race 2009



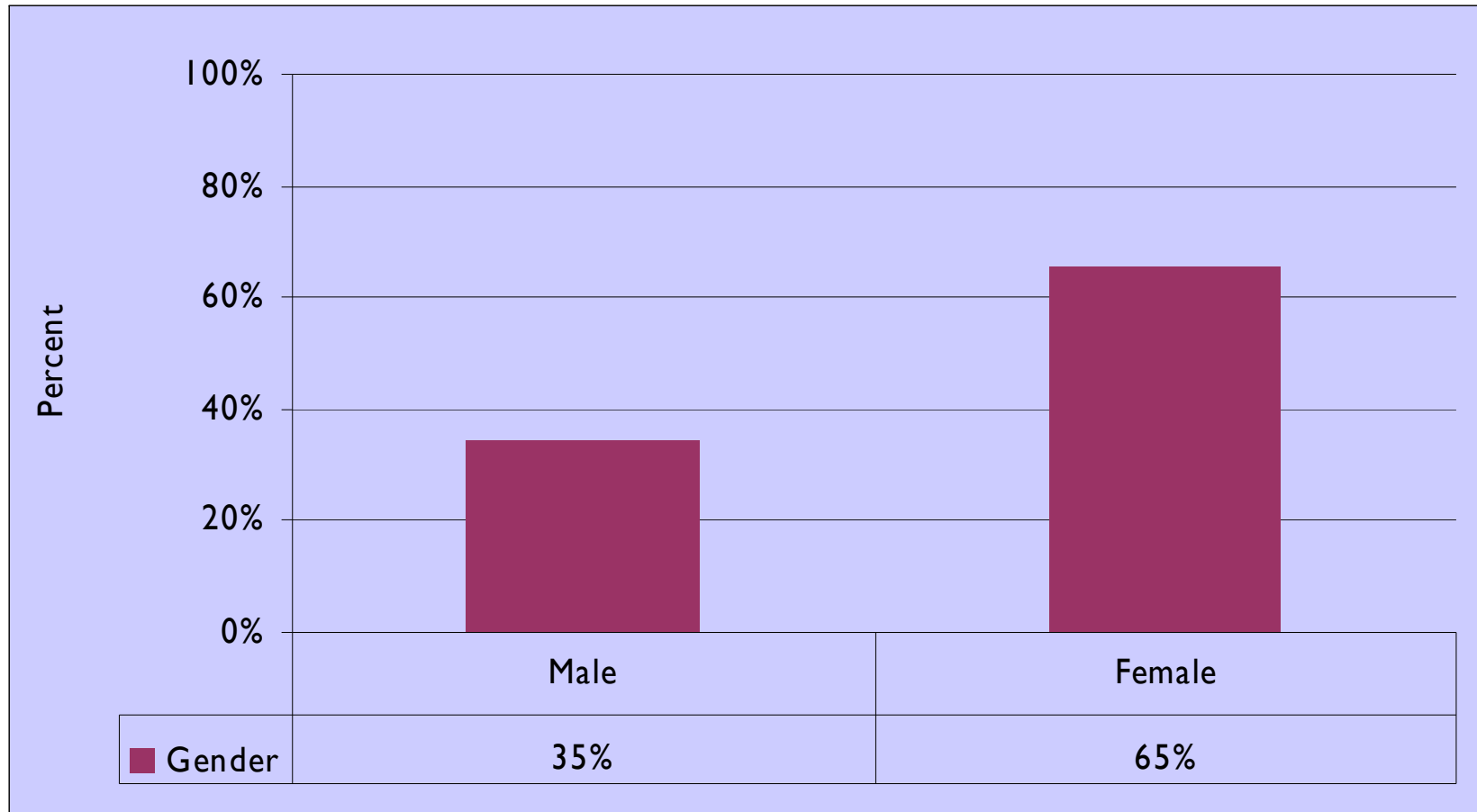
# Rest Residential Move-ins by Gender, Age, and Race 2009



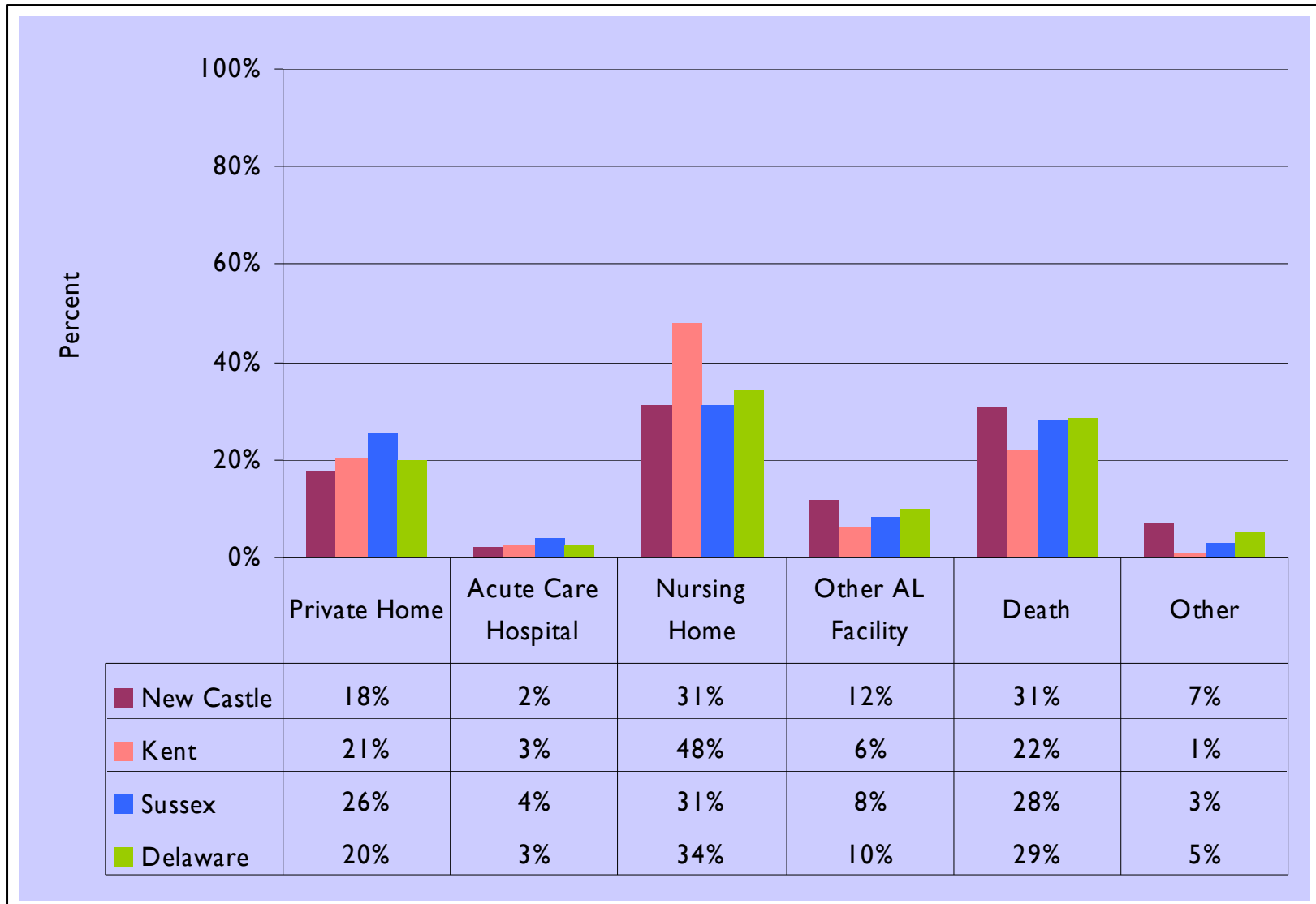
# Move outs by Gender 2009



# Move outs by County 2009



# 2009 Assisted Living Resident Move-outs



# Delaware Rest Residential Move-outs by Destination 2009

