

Cape May County Influenza Vaccination Activities, 2007-2008

Summary

There was no shortage of influenza vaccine for the 2007-08 season and the Cape May County Department of Health received their initial vaccine shipment in mid-October. Cape May County ordered a total of 7,500 doses of FluZone vaccine from Sanofi Pasteur (550 multi-dose vials, 1,000 single-dose preservative-free vials, and 1,000 pre-filled syringes). The Department of Health organized two mass vaccination drive-through clinics on October 28 and November 18, 2007 with a total of 5,652 people receiving their flu vaccine at one of these two clinics.

At the end of February 2008, a total of 7,402 influenza vaccinations had been given to County residents, representing 16 municipalities. 7,042 vaccinations were provided directly by the Department of Health. Out of these 7,042 vaccines, 79% were given to residents at high-risk of influenza complications. Seventy-one percent of persons vaccinated this season were 50 years of age or older. Over the past three years, the percentage of persons vaccinated by the County aged 65 or older has decreased, from 70% in 2004-05 to 33% in 2007-08. Conversely, the percentage of residents aged 18-49 years has increased, from 19% in 2005-06 to 24% in 2007-08.

Ninety-one percent of vaccine recipients identified themselves as white, and 54% were female. The majority of vaccine recipients were from Middle Township, Lower Township, and Cape May City. Increased marketing and education efforts during the 2007-08 season targeted the upper parts of the County, and resulted in increased vaccinations given to persons living in Ocean City, Upper Township, Sea Isle City, Dennis Township, and Woodbine.

Eighty percent of persons vaccinated by the Department of Health received their vaccine at one of the two drive-through clinics. A further 13% were vaccinated at a clinic held at the Department of Health, 2% were vaccinated at a clinic held in the community, and 5% were vaccinated at the Department of Health during non-clinic times.

Apart from the County Department of Health's vaccination activities, a number of residents received the influenza vaccine this season from local hospitals, physicians, pharmacies, and supermarket clinics. Maxim Health Systems provided 2,200 influenza vaccinations, for a fee, in Cape May County this season. Cape Urgent Care provided near 1,000 vaccinations and Cape Regional Medical Center provided 680 this year.

Seventy-nine percent of those vaccinated this year by the County Department of Health also received the influenza vaccine last year. Seventy-four percent of those receiving the flu vaccine last year received it from the County, with 62% receiving their vaccine at the drive-through clinic. The high percentage of repeat clients demonstrates a high level of satisfaction with the drive-through flu clinic.

Additional detailed information is available in the following appendices:

Appendix A: Vaccination data by influenza high-risk group

Appendix B: Vaccination data by municipality group

Appendix C: Marketing information by drive through clinic date

Appendix D: Vaccination data for County Employees

Appendix E: Program Management Recommendations

Program Overview

There was no shortage of influenza vaccine for the 2007-08 season and the Cape May County Department of Health received their initial vaccine shipment in mid-October, which is earlier than in recent years. Cape May County ordered a total of 7,500 doses of FluZone vaccine from Sanofi Pasteur (550 multi-dose vials, 1,000 single-dose preservative-free vials, and 1,000 pre-filled syringes). Three hundred sixty doses were transferred to public health partner organizations to vaccinate their employees:

- 140 doses to Woodbine Developmental Center
- 130 doses to Crest Haven Nursing and Rehabilitation Center
- 60 doses to Cape Regional Medical Center
- 30 doses to Bayada

Out of the remaining 7,140 doses, 7,042 vaccinations were provided by the Department of Health during the 2007-08 season. The Department of Health organized two mass vaccination drive-through clinics on October 28 and November 18, with a total of 5,652 people receiving their flu vaccine at one of these two clinics. Two clinics were held at the Department of Health targeting children less than 18 years and their parents. The “Children and their Parents” clinics were held on October 10 and November 27 and vaccinated 361 residents (206 children and 154 family members (1 missing age)).

An additional 1,029 people were vaccinated at one of 3 catch-up clinics, a County Employee Clinic, or through sporadic appointments:

- 261 vaccinations at catch-up clinics, Nov 30, Dec 7, Dec 14
- 312 vaccinations at County Employee Clinic, Nov 2
- 348 vaccinations at various Health Department appointments
- 108 vaccinations provided for school faculty (60 to Middle Township, 23 to Upper Township, and 25 to Lower Township).

At the end of February 2008, a total of 7,402 influenza vaccinations had been given to County residents, representing all 16 municipalities. Seven thousand forty-two vaccinations were provided directly by the Department of Health¹. Apart from the County Department of Health’s vaccination activities, a number of residents received the influenza vaccine from local hospitals, physicians, pharmacies, and supermarket clinics. Maxim Health Systems provided 2,200 influenza vaccinations, for a fee, in Cape May County this season. Cape Urgent Care provided near 1,000 vaccinations and Cape Regional Medical Center provided 680 this year.

High-Risk Group Status

The Advisory Committee on Immunization Practices (ACIP) recommended influenza vaccination for the following groups in 2007-08:

- Persons at high risk for influenza-related complications and severe disease, including
 - Children aged 6-59 months,
 - Pregnant women,
 - Persons aged ≥ 50 years,
 - Persons of any age with certain chronic medical conditions;

¹ 98 doses (1.3%) of vaccine were wasted and/or not used and ultimately destroyed.

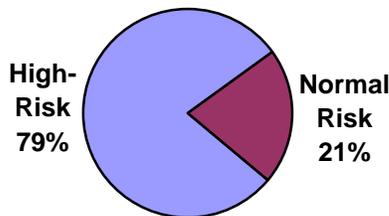
- Persons who live with or care for persons at high risk, including
 - Household contacts who have frequent contact with persons at high risk and who can transmit influenza to those persons at high risk, and
 - Healthcare workers; and

- Residents of nursing homes and chronic care facilities.

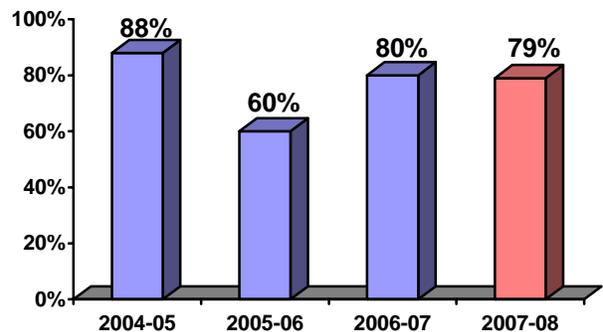
ACIP also recommended that children aged 6 months to <9 years of age who have not been previously vaccinated should receive a second dose of vaccine ≥ 1 month after the initial dose. Children <9 years who were receiving their 2nd annual flu vaccine AND who received only 1 dose the previous year were also recommended to receive a second booster dose ≥ 1 month after the initial dose.

Out of 7,042 vaccine doses administered by the Department of Health to the public, 5,558 (79%) were given to residents considered to be at “high-risk of influenza complications”, as defined by ACIP. The percentage of high-risk residents vaccinated by the Department of Health in 2007-08 is consistent with the 2006-07 season².

Percentage of Vaccinated Residents in ACIP High-Risk Groups



Percentage of Persons Vaccinated by CMCDH at "High Risk", by Year



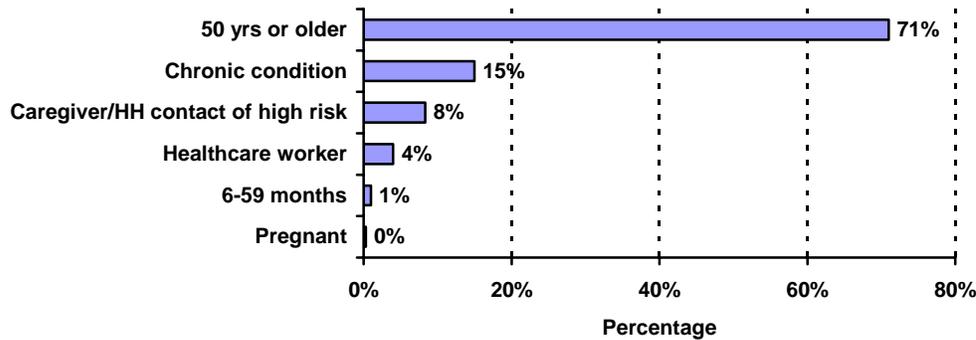
Of those persons at high-risk (n=5,558):

- 4,971 were 50 years of age or older,
- 1,062 had a chronic health condition,
- 586 were household contacts or caregivers of persons at high risk,
- 283 were healthcare workers (including employees of long-term care facilities),
- 77 were children aged 6 to 59 months, and
- 20 were pregnant women³.

² High-risk groups are defined by CDC/ACIP each season. During 2004-05, vaccine was prioritized to target high-risk groups, resulting in a high percentage of high-risk persons receiving vaccine.

³ Sums to greater than 5,558 owing to multiple high-risk categories for some residents.

Percentage of Persons Vaccinated by High-Risk Category



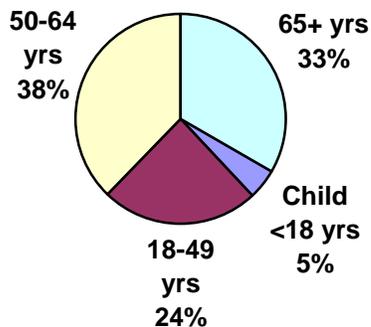
Demographics

Age

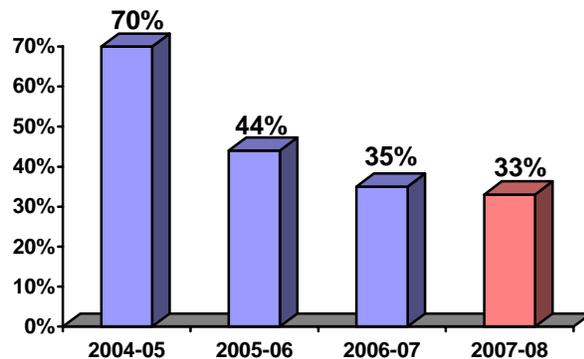
The mean age of vaccine recipients was 56 years, ranging from less than 1 year to 98 years (61 records missing age). The highest number of vaccinations 2,649 (38%) was given to persons between 50 and 64 years of age, followed by 2,322 vaccinations (33%) given to persons aged 65 and older. Seventy-one percent of vaccinations were given to persons aged 50 and older. Thirteen out of 134 children (10%) aged 9 years or younger were given a repeat vaccination. Over the past four years, the percentage of persons aged 65 years and older has steadily decreased, from 70% in 2004-05 to 33% in 2007-08. Conversely, the percentage of residents aged 18-49 years has increased, from 19% in 2005-06 to 24% in 2007-08. Twenty-six percent of persons 18-49 years reported having high-risk status.

The minimum age for vaccination at the two drive-through clinics was lowered this year from 18 to 16 years. A total of 59 vaccinations were given to persons less than 18 years of age at the drive-through clinics, including 51 children aged 16 - 17.

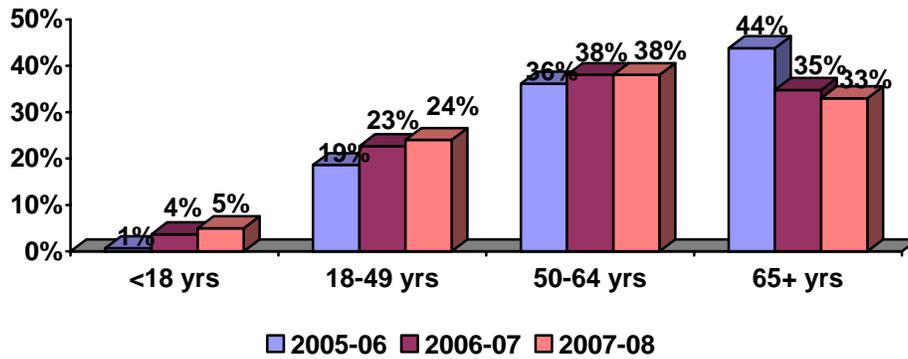
Percentage of Vaccinated Residents by Age Group



Percentage 65+ Persons Vaccinated by CMCDH, by Year



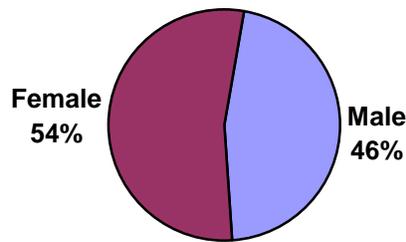
Persons Vaccinated by Age Group and Year



Gender

Three thousand two hundred thirteen (46%) of those vaccinated were male, 3,829 (54%) were female.

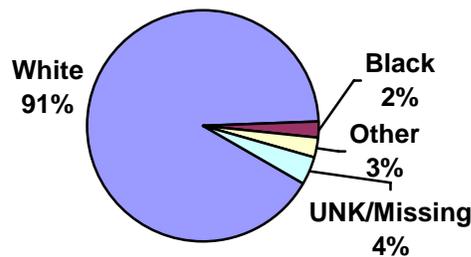
Percentage of Vaccinated Residents by Gender



Race

Out of a total of 7,042 vaccinations given by the Department of Health, 91% were white, 2% were black, 3% identified as other, and for 4% race was unknown or missing.

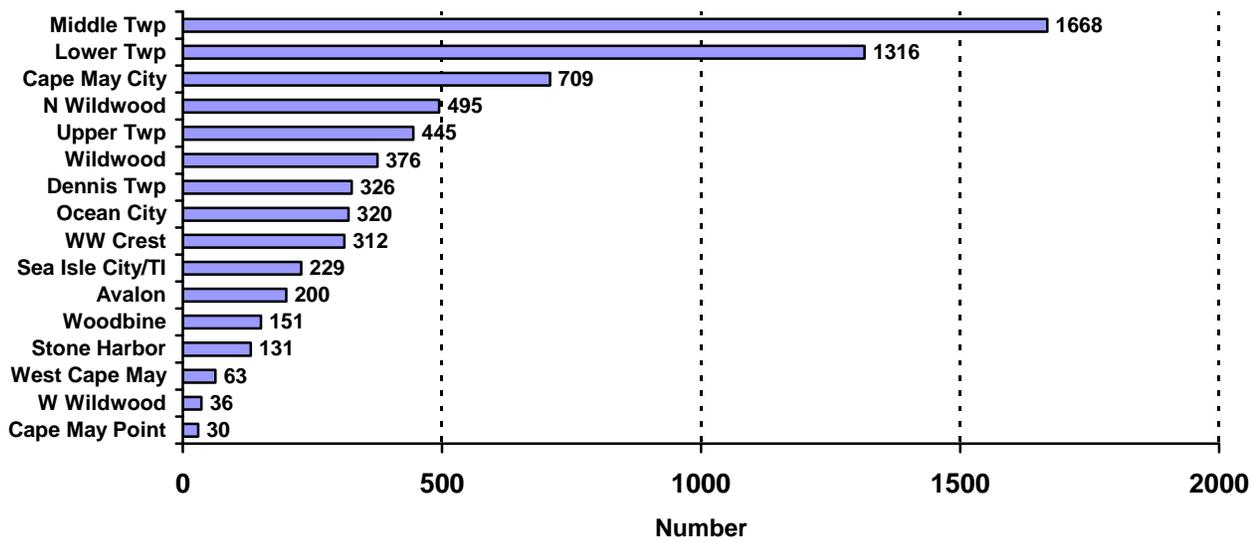
Percentage of Vaccinated Residents by Race



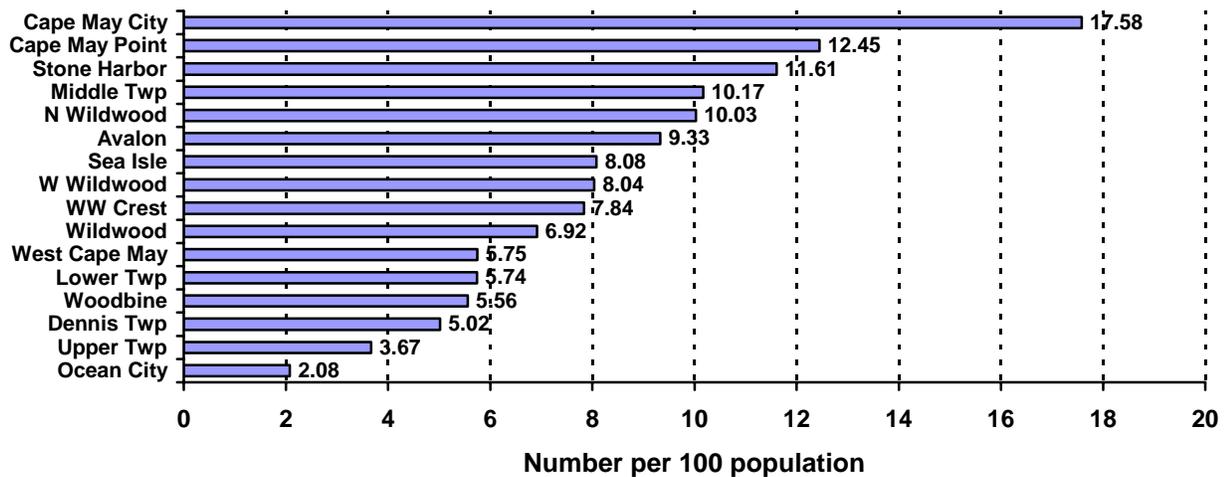
Residence

Residents were vaccinated from all 16 municipalities, with the highest number (1,668) living in Middle Township, followed by 1,316 from Lower Township and 709 from Cape May⁴. The vaccination rates (# persons vaccinated per 100 population), however, were highest in Cape May (17.58), followed by Cape May Point (12.45) and Stone Harbor (11.61). The lowest vaccination rates were in Ocean City (2.08), Upper Township (3.67), and Dennis Township (5.02). Increased marketing and education efforts were targeted towards the northern part of the County. The increased marketing efforts likely contributed to increases seen in the number of persons vaccinated and the vaccination rate in all northern municipalities (see Marketing Information).

Total Number of Residents Vaccinated by Municipality



Vaccination Rate by Municipality



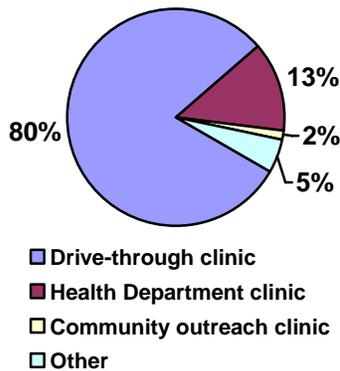
⁴ There were 230 (3%) vaccines given to persons listing an out-of-county address on the patient registration form. Five persons did not list municipality.

There were 230 persons vaccinated who listed an Out of County address. Fifty-eight percent were male, 58% were between the ages of 18-49, and 49% had a high risk condition. Ten percent were healthcare workers.

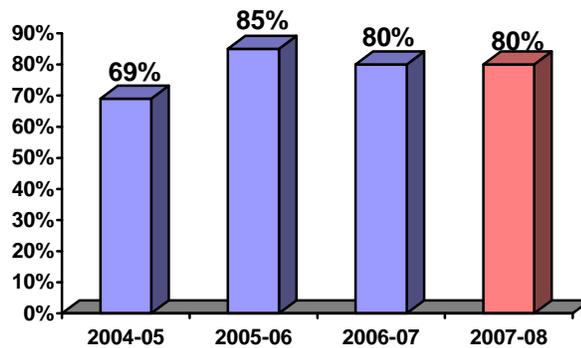
Date of Vaccination

Out of 7,042 vaccinations administered by the Department of Health, 5,652 (80%) were provided at one of the two drive-through flu clinics. Nine hundred thirty-four vaccinations were provided at Health Department clinics, 108 were provided at clinics held at various community locations, and 348 were provided at other non-scheduled clinic times. The percentage of persons vaccinated at the drive-through clinic was consistent with the 2006-07 season.

Vaccinations by Clinic Type



Percentage Vaccinated by CMCDH at Drive-Through, by Year



Note: For 2004-05, the Vo-Tech was used as the mass clinic strategy.

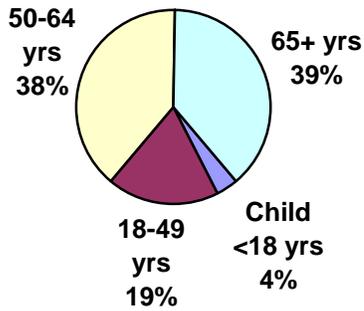
Clinical Information

Patients were asked about allergies to eggs, latex, and Thimerosal. Patients were also asked if they had experienced a previous adverse reaction to the vaccine, and if they had a fever on the day of vaccination. Eight residents had an allergy to eggs, 51 residents had a latex allergy, and 11 residents reported an allergy to Thimerosal. Fifty-one residents (less than 1%) said they had experienced a previous adverse reaction to the vaccine and 6 persons had a fever on the day of vaccination. These individuals received further medical evaluation prior to receiving the influenza vaccine.

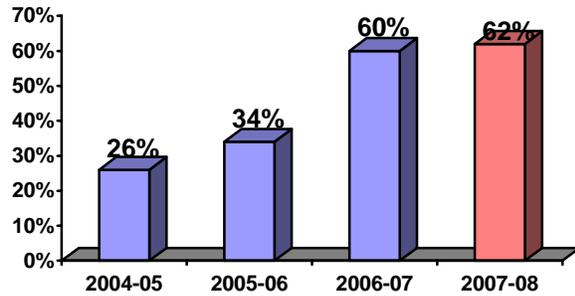
Vaccination History

Five thousand five hundred twenty-nine (79%) persons who were vaccinated this year by the County had also received the influenza vaccine last year. Of these 5,529 persons, 2,171 (38%) were between 50-64 years, and 2,133 (39%) were 65 years or older.

Residents Vaccinated Last Year by Age Group



Of Persons Receiving Flu Vaccination Last Year, Percentage Vaccinated by CMCDH at Drive-Through, by Year

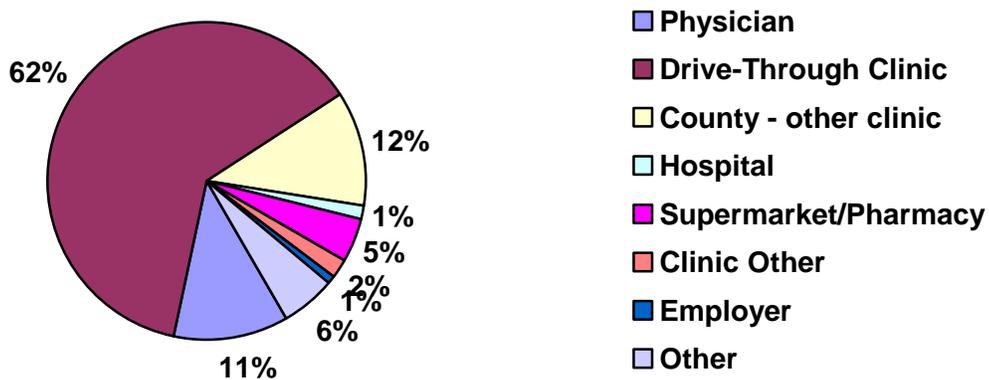


Five thousand two hundred sixty-six residents out of 5,529 (95%) who received the vaccine last year specified where they received it. Responses were compiled into the following categories:

- Physician
- Drive-through flu clinic
- County clinic (non drive through)
- Supermarket or pharmacy
- Other type of clinic
- Hospital
- Employer

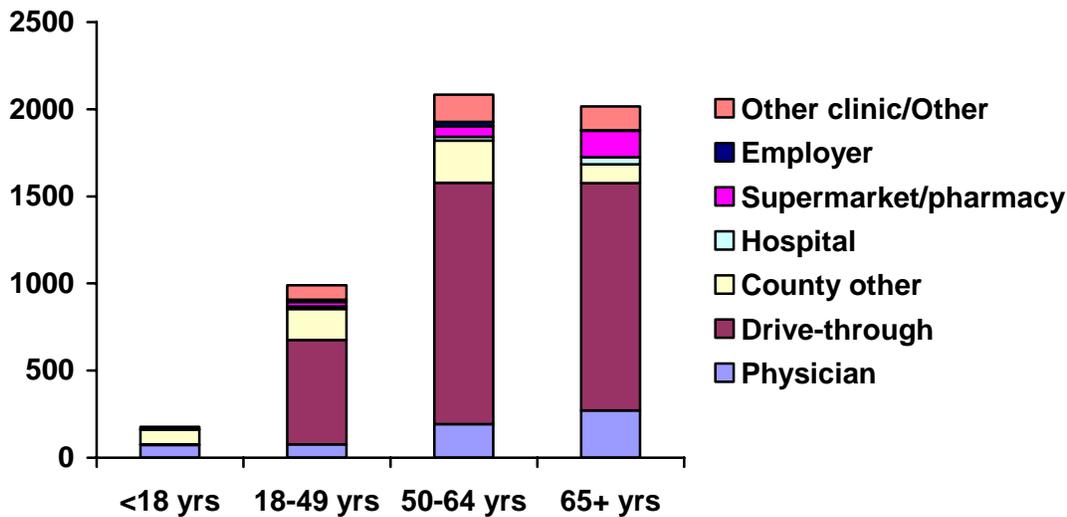
Seventy-four percent of those receiving the flu vaccine last year received it from the County, with 62% receiving their vaccine at the drive-through clinic. This percentage demonstrates a high level of satisfaction with the drive-through flu clinic.

Where Residents Received Influenza Vaccine Last Year



By age group, children less than 18 years received their vaccine last either from either their physician or at a County Department of Health clinic. In the three adult age groups, the majority who received their flu vaccine last year received it at the drive-through clinic, another County clinic, or their physician.

Location of Last Year's Vaccine, by Age Group



Program Marketing

The Cape May County Department of Health's marketing plan for the 2007-08 season included several strategies to promote the drive-through flu clinics and Department of Health clinics. Particularly for the drive-through clinics, it is critical that residents bring completed consent forms with them to the clinic, rather than obtaining and completing forms onsite. Having completed consent forms in advance improves traffic flow and the efficiency of the drive-through flu clinic. In addition, people stopping to complete consent forms in their cars is a safety hazard that the Department of Health wants to prevent. As part of the marketing effort, consent forms were disseminated in advance of the drive-through clinics to the public in a variety of settings:

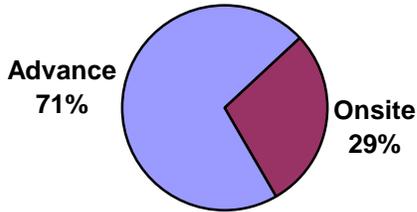
- Health Department lobby and clinics
- Health Department's website
- Advertising in the Atlantic City Press, Herald, and *Ocean City Sentinel* newspapers
- All County Pharmacies (hard copies)
- *Spanish/Latin American groceries and churches (LINCS and hard copies)*
- *Predominantly African American churches (LINCS and hard copies)*
- Healthcare community, including all physician practices, community clinics, hospitals, and EMS (via LINCS)
- Special needs groups, including County Departments of Aging and Social Services, US Coast Guard, County and Municipal senior centers, assisted living facilities, ARC, senior residences, Puerto Rican Action Committee, *Cape Human Resources*, School superintendents, School nurses (via LINCS)
- *Radio spots on WILW Oldies 94.3 and 96.7 the Coast*

The groups in italics were added for the 2007-08 season. Based on data from previous seasons, an effort was made to target African Americans and Hispanic residents, as well as residents in the northern part of the County.

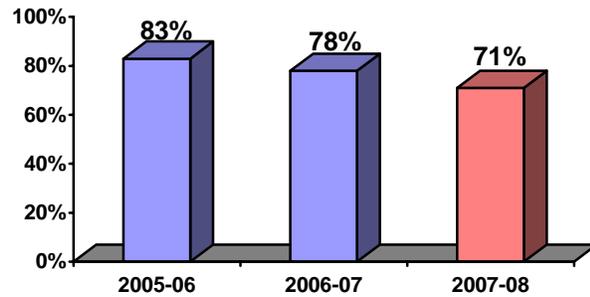
Of the 5,652 persons receiving their influenza vaccination at one of the two drive-through clinics, 5,620 forms were entered with source information. Four thousand ten residents (71%) brought a completed

consent form with them. The remaining 1,610 (29%) received and completed a consent form when they arrived at the drive-through clinic. The percentage of persons bringing an advance consent form is decreasing, as compared with previous years.

Percentage of Flu Consent Forms Completed in Advance



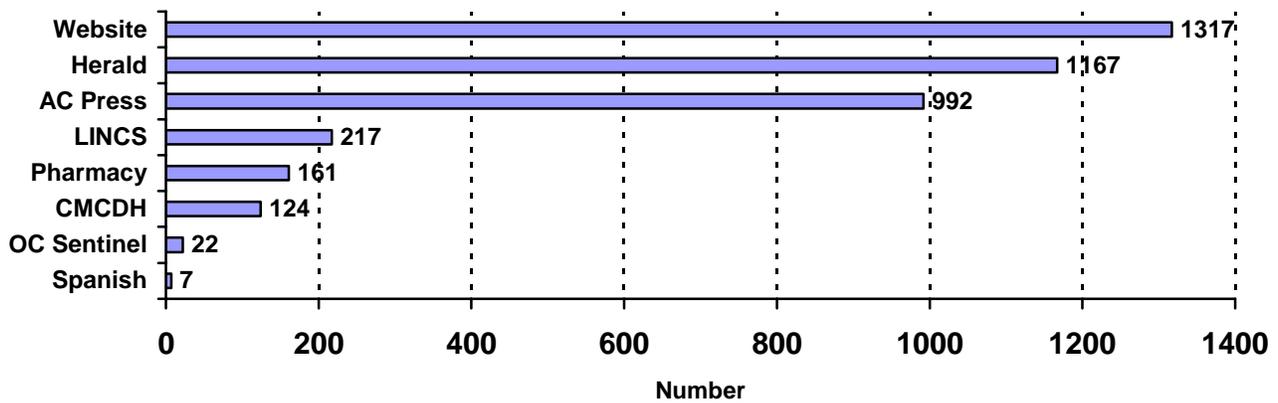
Percentage Persons with Advance Consent Forms for Drive-through, by Year



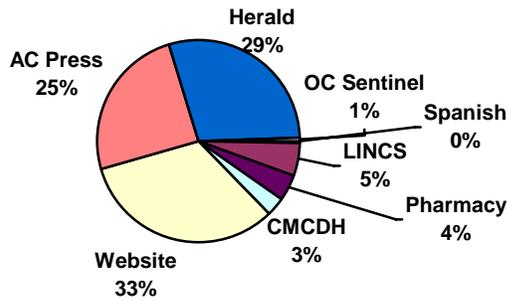
Note: Drive-through clinics not utilized in 2004-05.

Of those that did bring a completed consent form, the majority obtained their forms from the Cape May County Department of Health’s website (33%) followed by the Herald (29%) and Atlantic City Press (25%) newspapers. This is the first year where the use of the Department of Health’s website has surpassed the two leading newspapers, with a utilization increase of 70%.

Source of Advance Consent Forms, Drive-Through Clinics

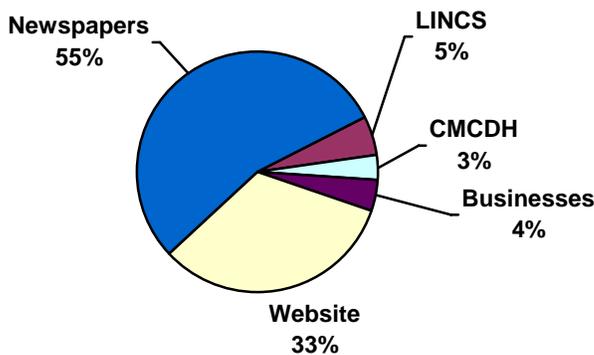


Source of Advance Consent Forms (%), Drive-Through Clinics

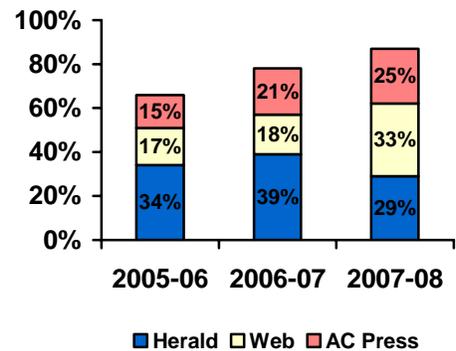


The Atlantic City Press continued to increase as a source for consent forms in the 2007-08 season, as did the number provided through LINCS communications (5%). A total of 55% of advance forms were brought from local newspapers. The number of Spanish forms was low, but it was the first year this group was targeted.

Source of Advance Consent Forms by Category

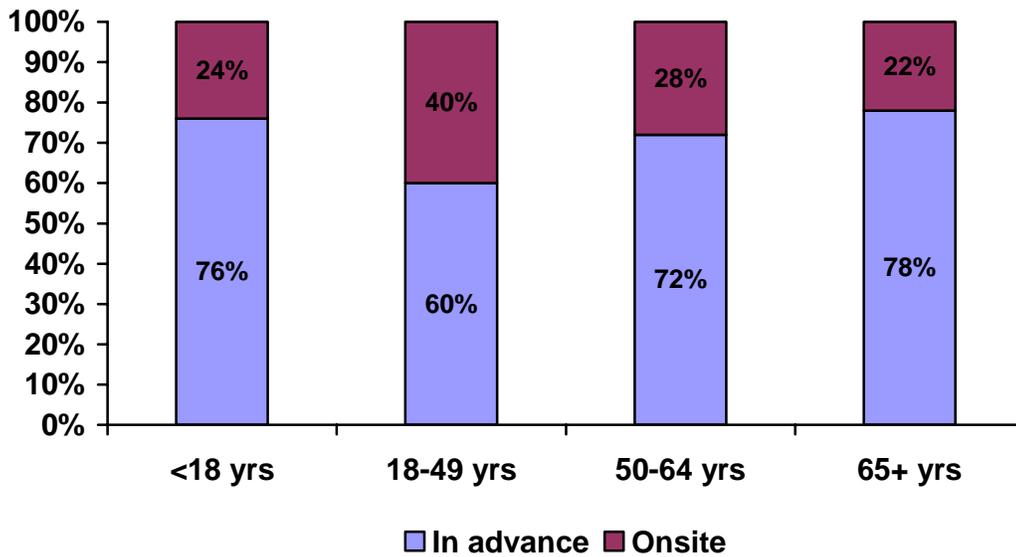


Top 3 Sources of Advance Consent Forms, by Year



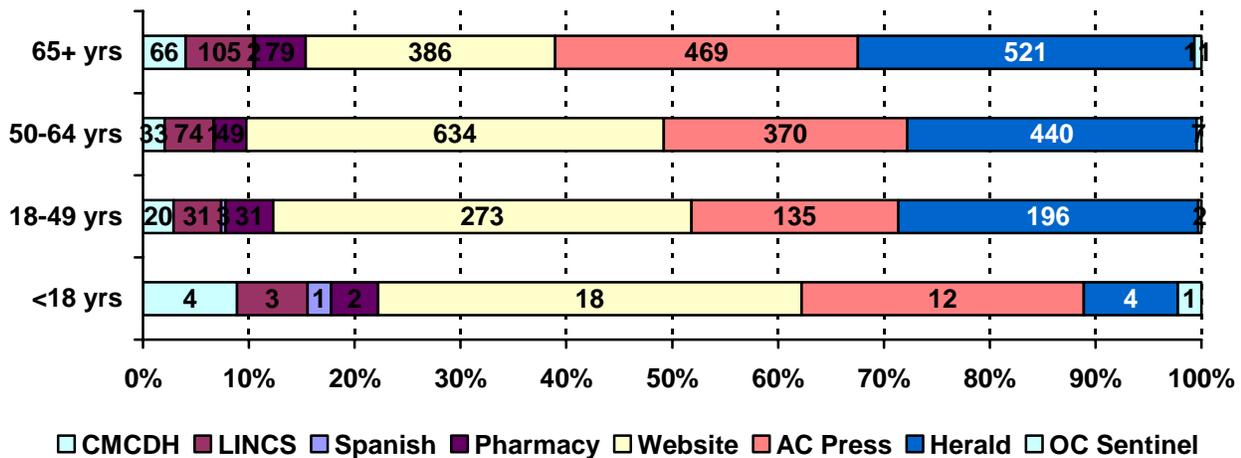
By age group, persons 65 years of age or older were mostly likely to bring a completed consent form (78%) with them to the drive-through clinic. In contrast, persons between 18-49 years of age were the least likely (60%).

Percentage with Completed Consent Forms, by Age Group



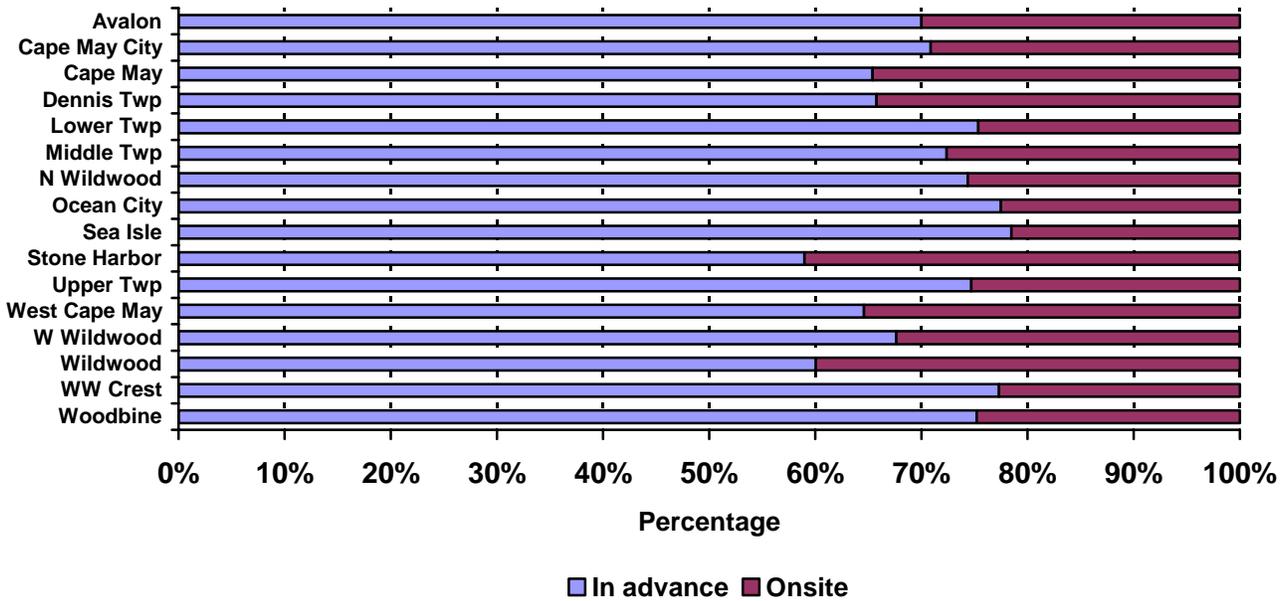
Persons 65 years of age or older were most likely to bring a consent form from the newspapers, and were the group most likely to have brought a form from both the Herald and the Atlantic City Press. This age group had the lowest percentage use of forms from the Department of Health’s website. In contrast, persons less than 65 were most likely to obtain their forms from the Department of Health’s website.

Source of Advance Consent Forms, by Age Group



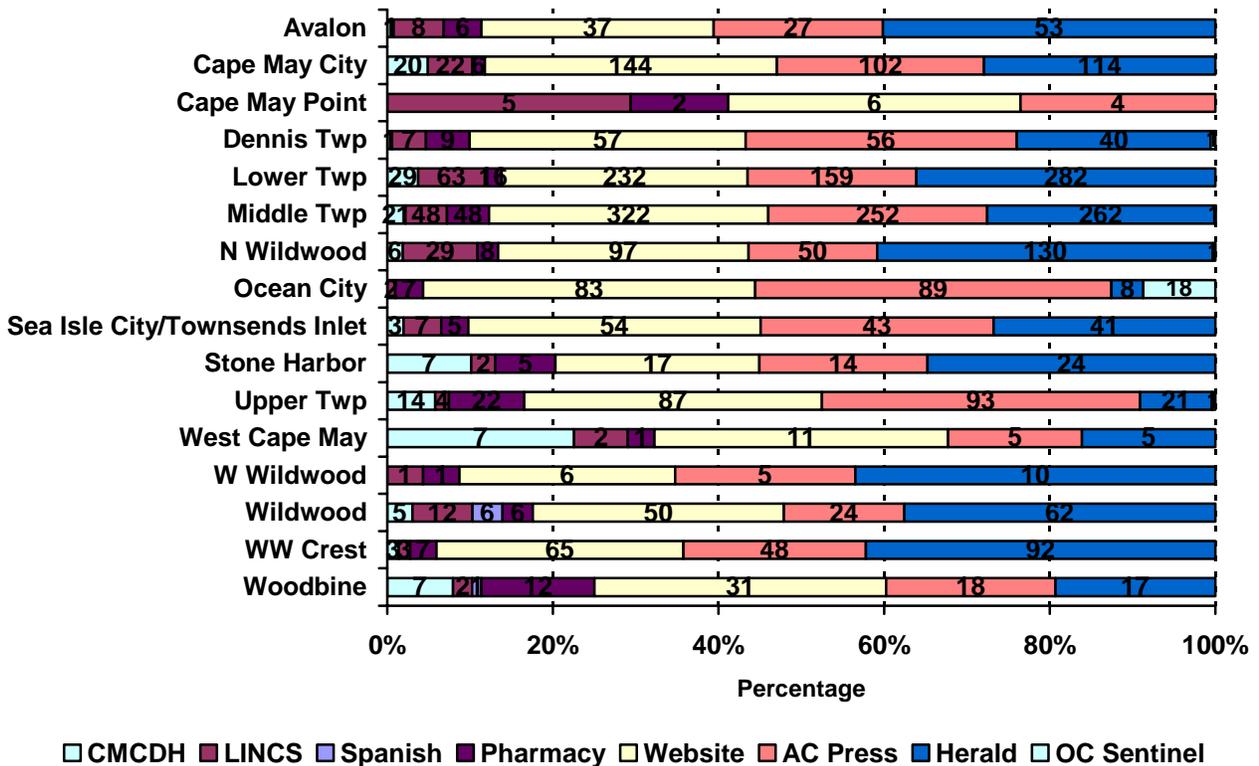
Sea Isle City, Ocean City, and Wildwood Crest had the largest percentage of advance consent forms, with Stone Harbor, Wildwood, and West Cape May having the lowest percentages of advance consent forms.

Percentage Advance Consent Forms by Municipality



The Herald was used often in all municipalities with the exception of Cape May Point, Ocean City, Upper Township, and West Cape May. The Atlantic City Press was used as a large percentage in all municipalities with the exception of North Wildwood, West Cape May, and Wildwood. The website was a large percentage source in all municipalities. LINC'S and pharmacy use was high in Cape May Point.

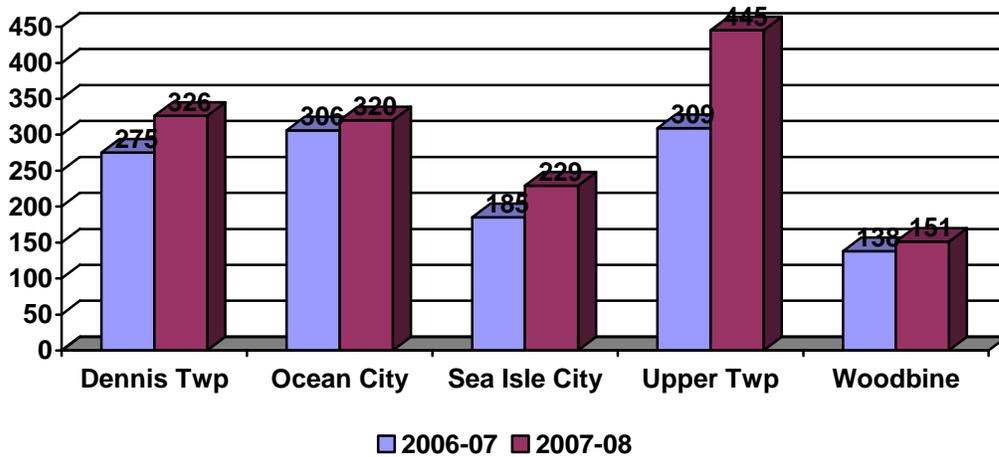
Source of Advance Consent Forms by Municipality



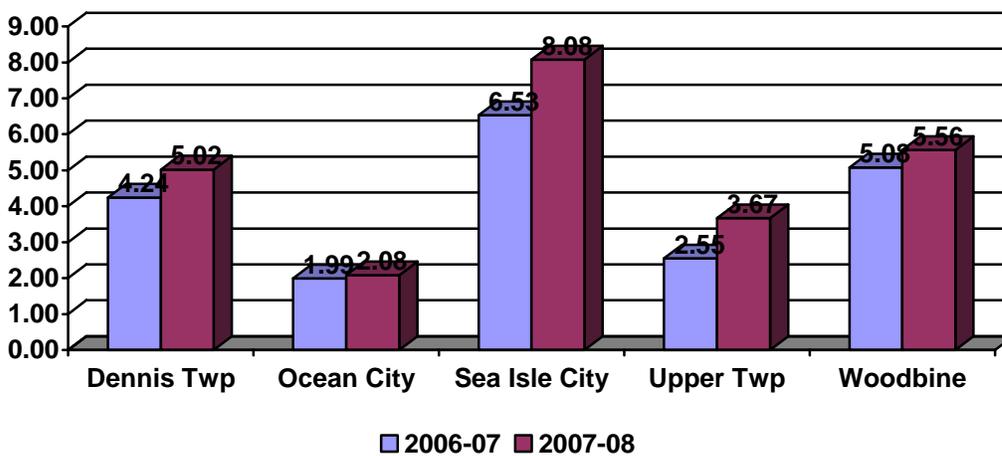
As mentioned earlier, several efforts were made to increase the number of residents receiving their flu shots from the northern part of the County. Targeted municipalities include Dennis Township, Ocean City, Sea Isle City, Upper Township, and Woodbine.

In the 2007-08 season, more persons from each of these municipalities received their flu shot from the County, than in the 2006-07 season. Similarly, the vaccination rate (per 100 population) increased in each of these municipalities. The increased representation from the northern part of the County suggests that the increased marketing and outreach activities had the desired effect.

Number Residents Vaccinated, 2006-07 and 2007-08



Vaccination Rate (per 100 population), 2006-07 and 2007-08



Apart from the drive-through clinics, information was sent to the public through the press and to various groups to promote children’s-only clinics and the catch-up clinics. Information was sent via LINCIS to:

- Daycare and preschool facilities
- Physicians
- Hospitals
- Parents via school superintendent
- Emergency Medical Services
- County Department of Aging
- County and Municipal senior centers
- Municipal clerks

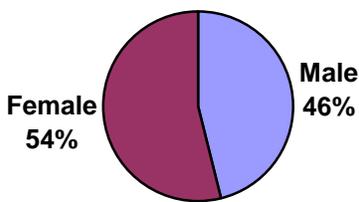
Appendix A: Demographic Information by High-Risk Category

50 Years of Age and Older (n=4,971)

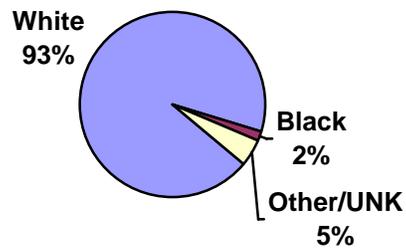
Gender, race, and municipality of vaccinated persons aged 50 and older were consistent with summary indicators.

Within 50-64 years, mean age is 58 years, range 50 to 64. Within 65+ years, mean age is 74 years, range 65 to 98.

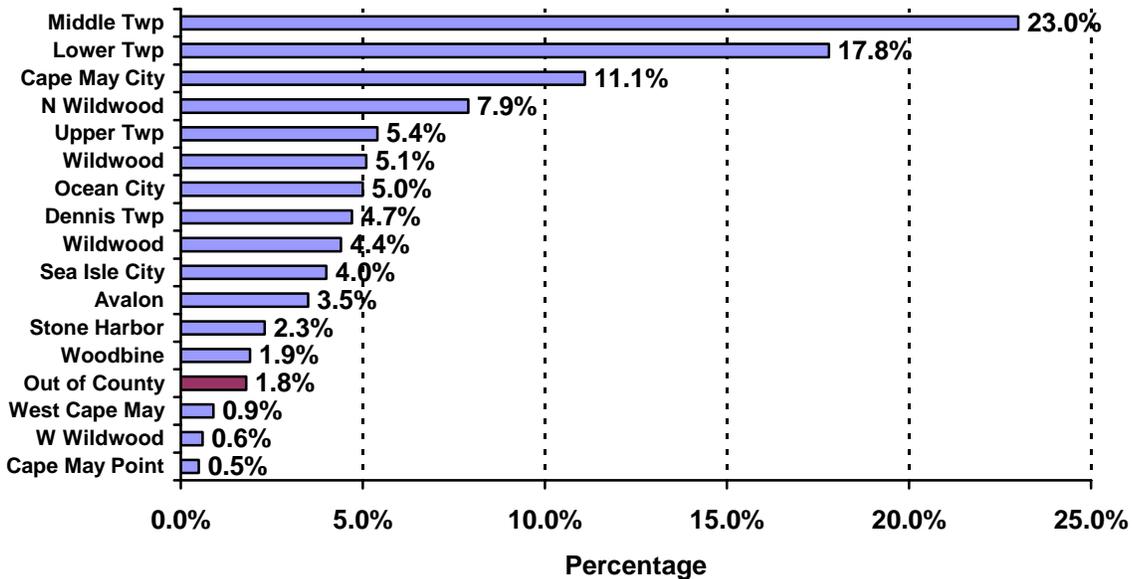
Percentage of Residents 50+ yrs Vaccinated by Gender



Percentage of Residents 50+ yrs Vaccinated by Race



Persons 50 years or Older Vaccinated by Municipality

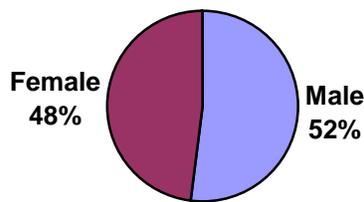


Children 6 to 59 months (n=77)

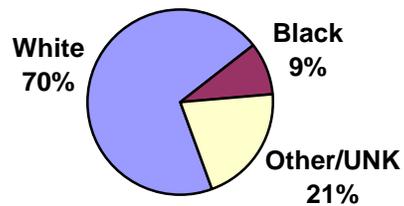
Vaccinated children aged 6 to 59 months were less likely to be white and more likely to be black or other. This group was more likely to be male and more likely to live in Wildwood.

Mean age is 3 years, range <1 year to 4.

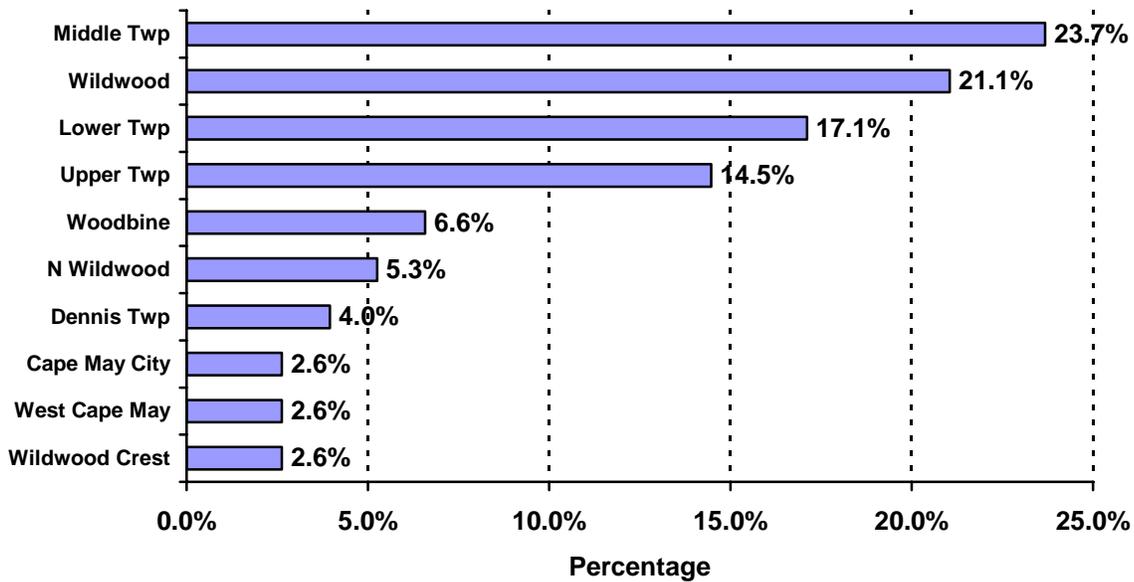
Percentage of Children <5 yrs Vaccinated by Gender



Percentage of Children <5 yrs Vaccinated by Race



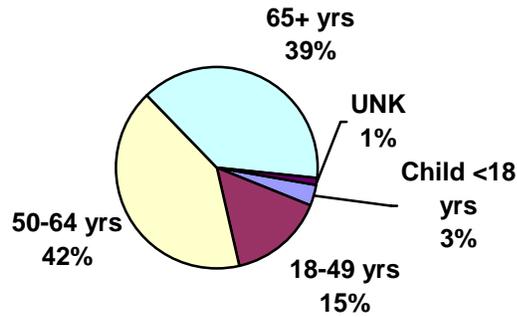
Children <5 yrs Vaccinated by Municipality



Persons with Chronic Health Conditions (n=1,062)

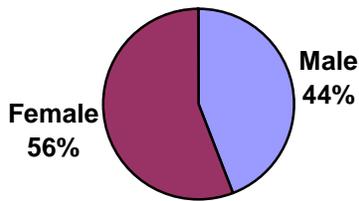
Vaccinated persons with chronic health conditions were more likely to be over 50 years of age. Gender, race, and municipality were consistent with summary indicators.

Residents with Chronic Conditions by Age Group

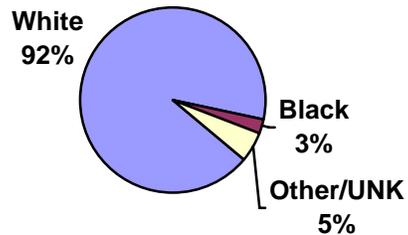


Mean age is 60 years, range 2 to 95.

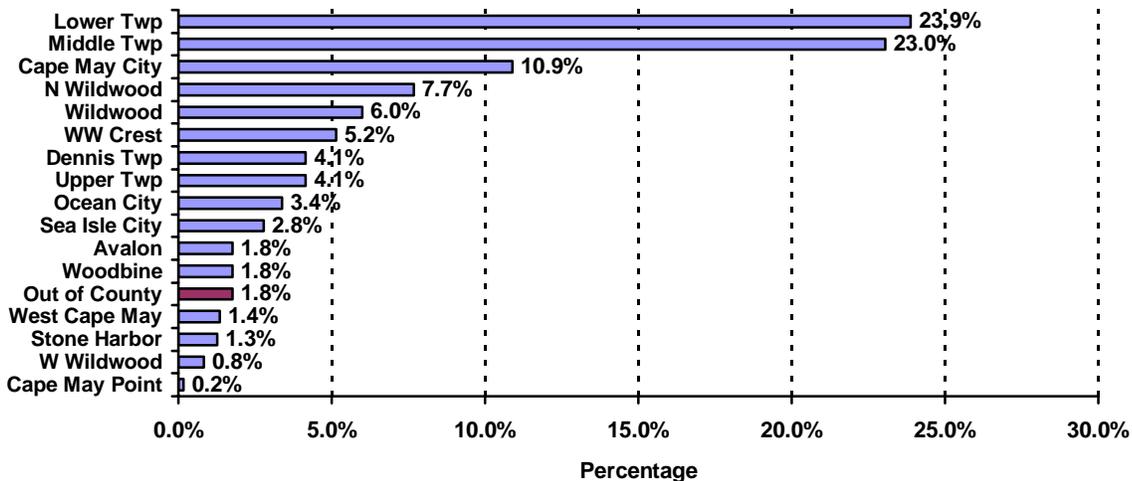
Percentage of Residents with Chronic Conditions Vaccinated by Gender



Percentage of Residents with Chronic Conditions Vaccinated by Race



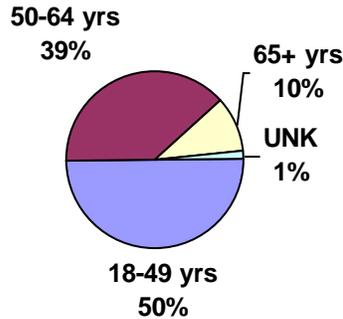
Residents with Chronic Conditions Vaccinated by Municipality



Healthcare Workers (Including Long-Term Care and Assisted Living Employees) (n=283)

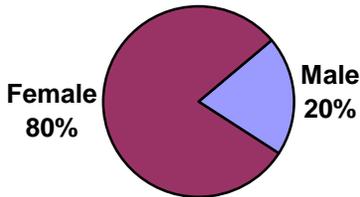
Vaccinated healthcare personnel were more likely to be 18-49 years of age; more likely to be female; less likely to be white and more likely to be black. Residency was fairly consistent, although a higher percentage were out of county residents.

Healthcare Workers Vaccinated by Age Group

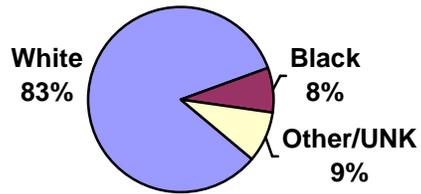


Mean age is 48 years, range 18 to 80.

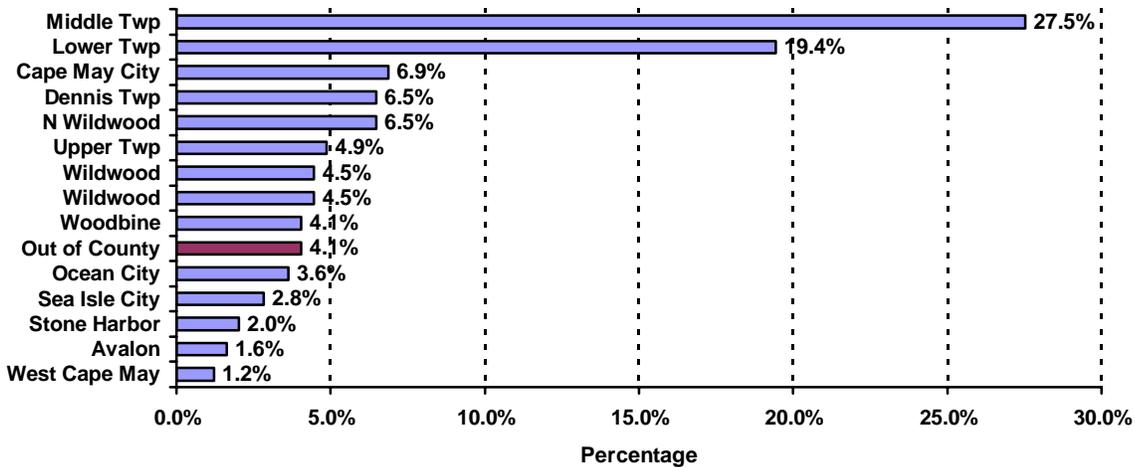
Percentage of Healthcare Workers Vaccinated by Gender



Percentage of Healthcare Workers Vaccinated by Race



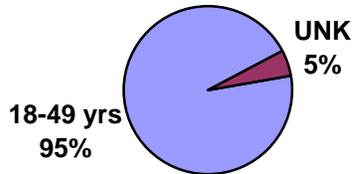
Healthcare Workers Vaccinated by Municipality



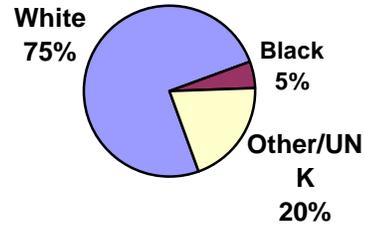
Pregnant Women (n=20)

Vaccinated pregnant women were all between 18-49 years (excluding missing age); less likely to be white and more likely to be black; and were more likely to live in Cape May City and more likely to live out of county.

Pregnant Women Vaccinated by Age Group

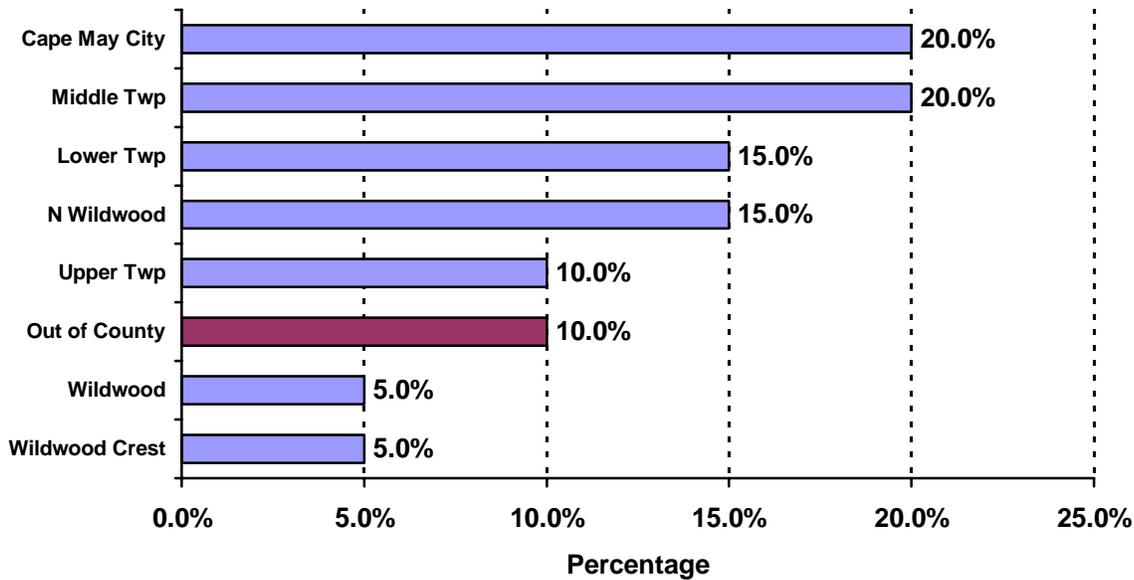


Percentage of Pregnant Women Vaccinated by Race



Mean age is 31 years, range 19 to 43.

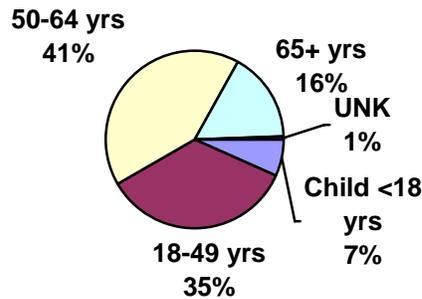
Pregnant Women Vaccinated by Municipality



Household Contacts or Caregivers of Persons at High Risk for Influenza (n=586)

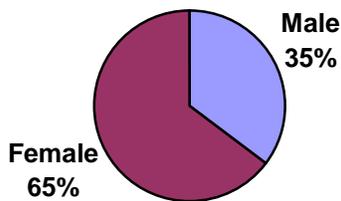
Vaccinated persons who live with or care for persons at high risk were more likely to be between 18-64 years of age and less likely to be 65 years or older; more likely to be female. Race and residency were consistent.

HH Contacts/Caregivers Vaccinated by Age Group

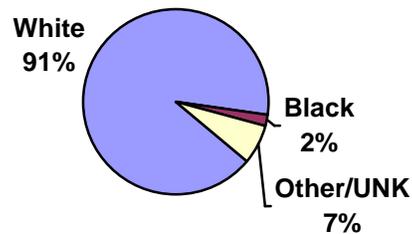


Mean age is 50 years, range 2 to 95.

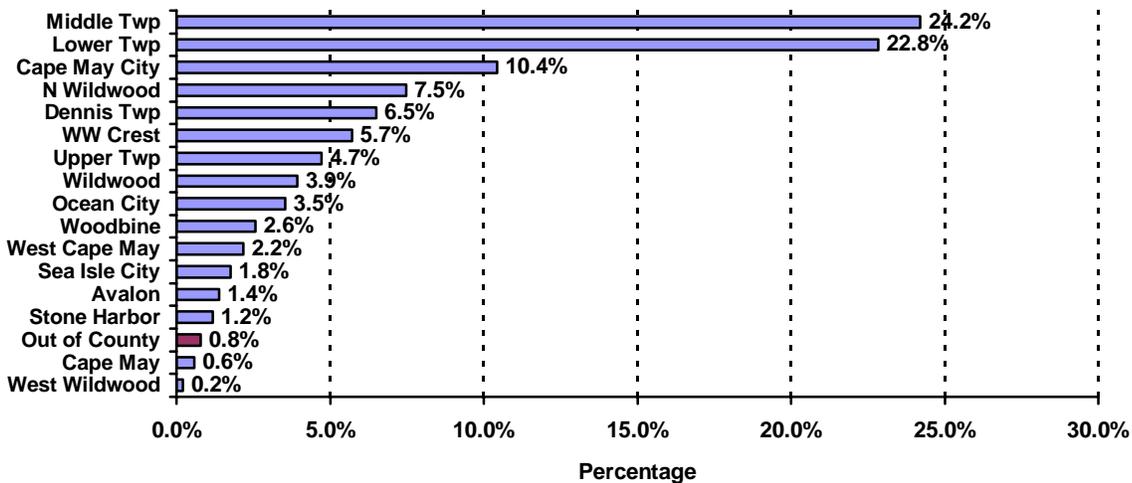
HH Contacts/Caregivers Vaccinated by Gender



HH Contacts/Caregivers Vaccinated by Race



Household Contacts/Caregivers Vaccinated by Municipality

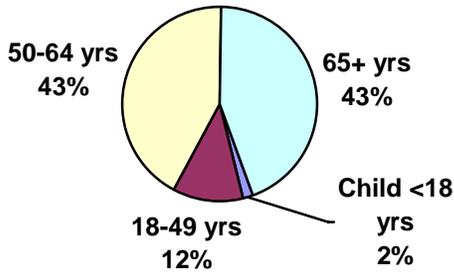


Appendix B: Specific Information by Municipality⁵

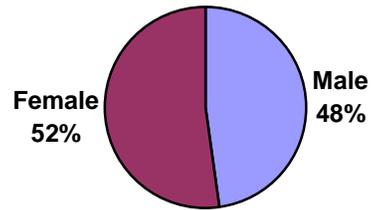
Barrier Islands (Avalon, Stone Harbor, Sea Isle City, n=560)

Vaccinated persons living on the barrier islands were more likely to be 50 years or older and less likely to be less than 49 years; more likely to have a high-risk condition; slightly more likely to be white and less likely to be black. Gender was consistent.

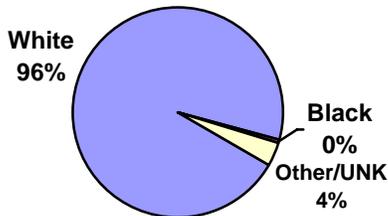
Percentage Residents Vaccinated by Age Group



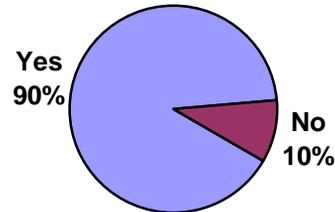
Percentage of Residents Vaccinated by Gender



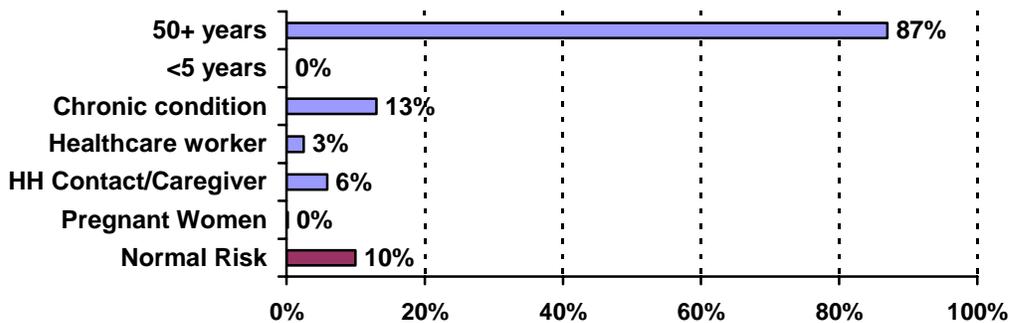
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group



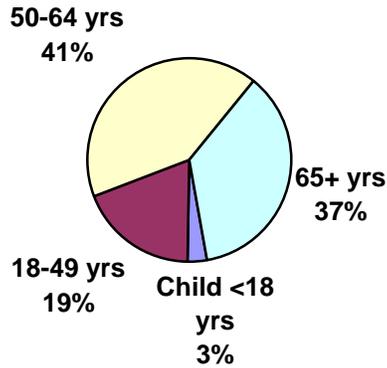
Note: Sums to greater than 100% owing to multiple risk categories for some residents.

⁵ Individual municipalities are combined into one of seven groups, as described on each page.

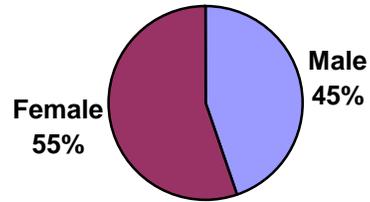
Cape May (Cape May City, Cape May Point, West Cape May, n=802)

Vaccinated persons living in the Cape May's were slightly more likely to be 65 years or older and were less likely to be between 18-49 years. Other indicators were consistent.

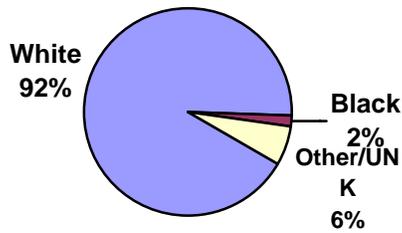
Percentage Residents Vaccinated by Age Group



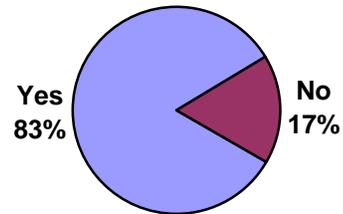
Percentage of Residents Vaccinated by Gender



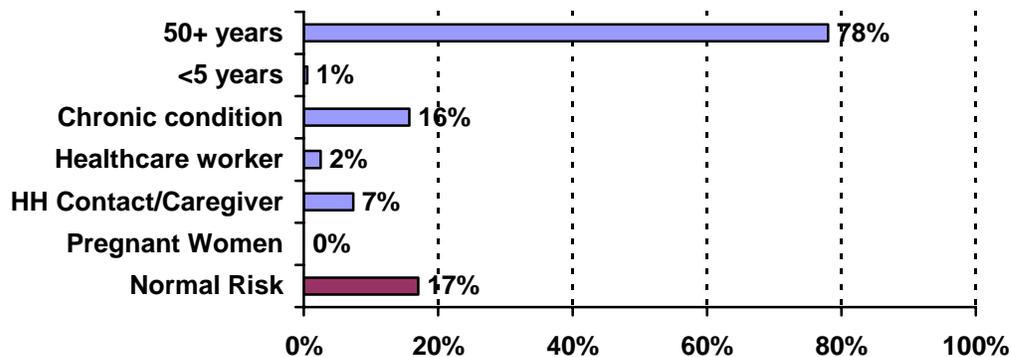
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group

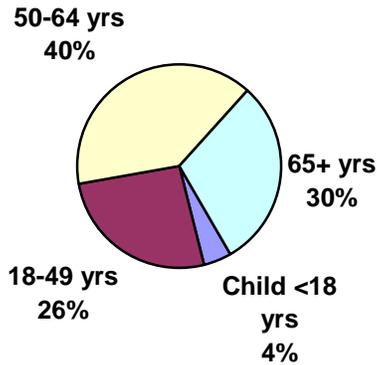


Note: Sums to greater than 100% owing to multiple risk categories for some residents.

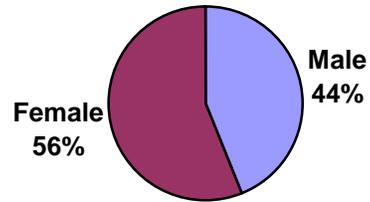
Dennis/Middle Townships (n=1,994)

Vaccinated persons living in Dennis/Middle Township were slightly less likely to have a high-risk condition; less likely to be 65 years or older and more likely to be between 18-49 years. Other indicators were consistent.

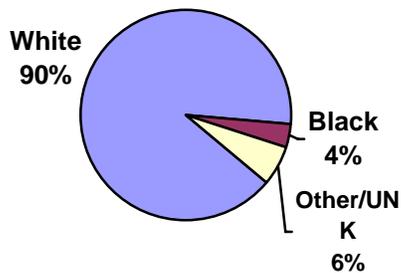
Percentage Residents Vaccinated by Age Group



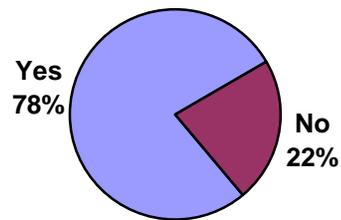
Percentage of Residents Vaccinated by Gender



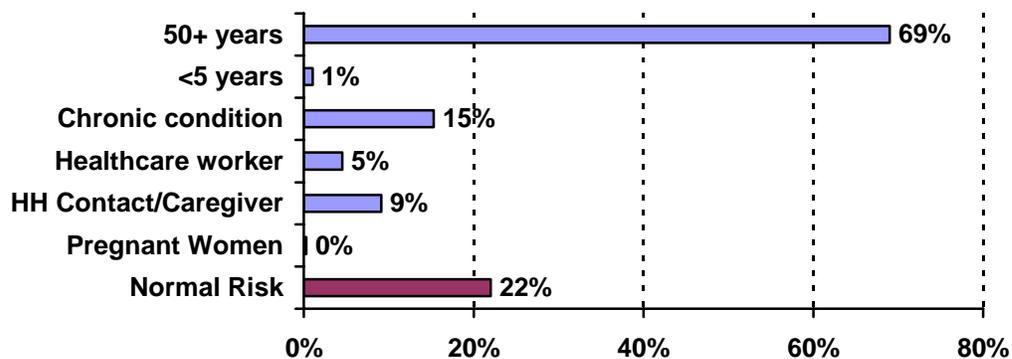
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group

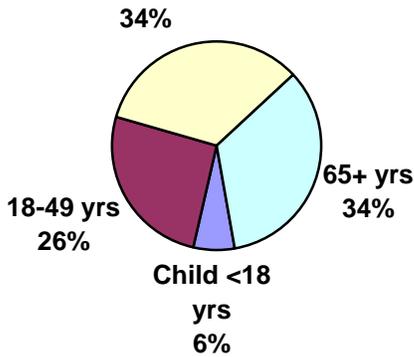


Note: Sums to greater than 100% owing to multiple risk categories for some residents.

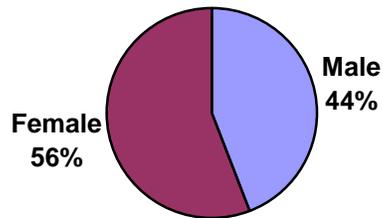
Lower Township (n=1,316)

Vaccinated persons living in Lower Township were slightly more likely to be white and less likely to be black. Other indicators were consistent.

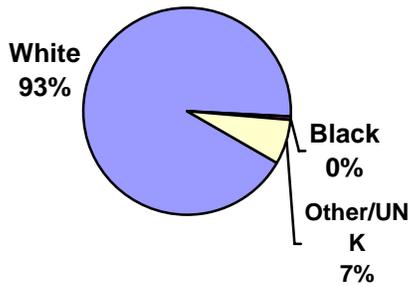
Percentage Residents Vaccinated by Age Group



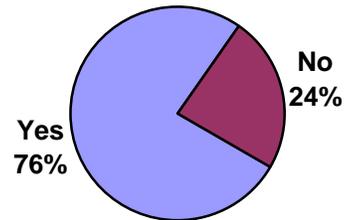
Percentage of Residents Vaccinated by Gender



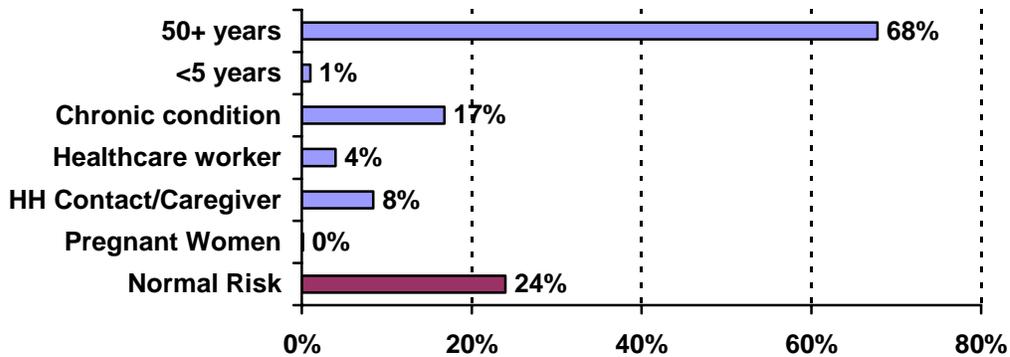
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group

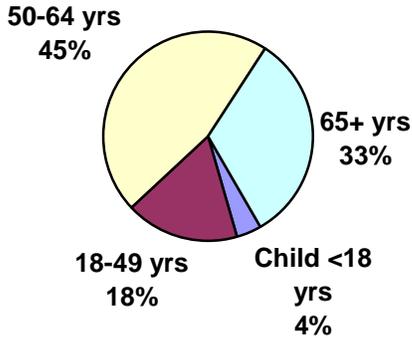


Note: Sums to greater than 100% owing to multiple risk categories for some residents.

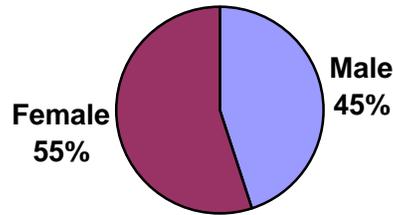
Ocean City (n=320)

Vaccinated persons living in Ocean City were slightly more likely to have a high risk condition; more likely to be between 50-64 years and less likely to be less than 50 or over 65 years of age; slightly more likely to be white. Gender was consistent.

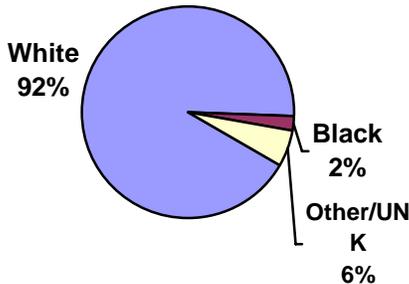
Percentage Residents Vaccinated by Age Group



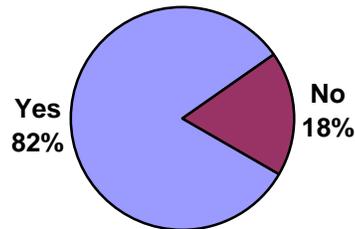
Percentage of Residents Vaccinated by Gender



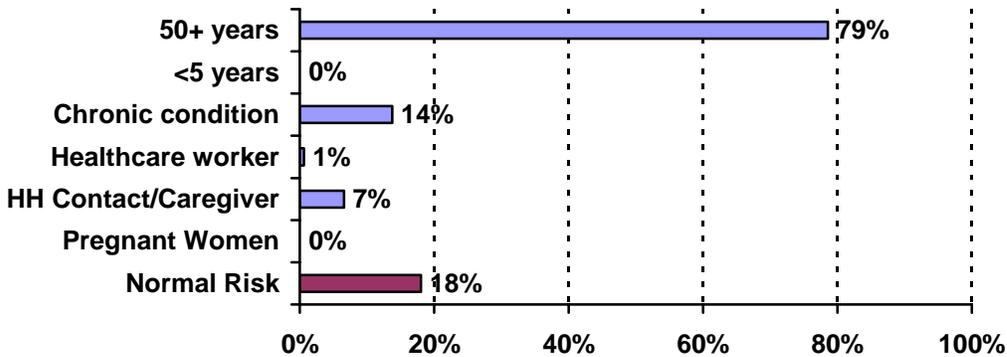
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group

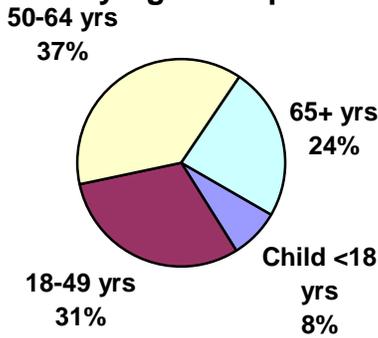


Note: Sums to greater than 100% owing to multiple risk categories for some residents.

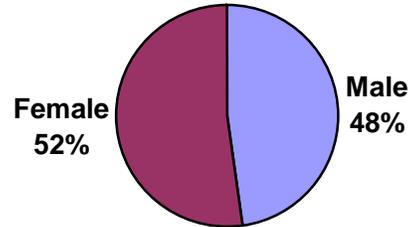
Upper Township/Woodbine (n=596)

Vaccinated persons living in Upper Township/Woodbine were slightly less likely to have a high risk condition; less likely to be 65 years or older and more likely to be in all of the under-65 age groups; more likely to be male; and more likely to be white.

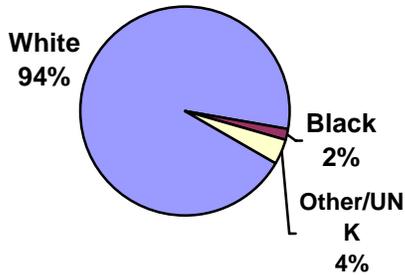
Percentage Residents Vaccinated by Age Group



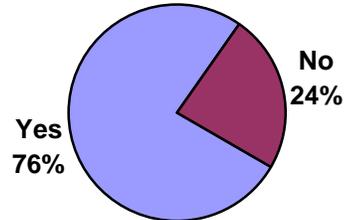
Percentage of Residents Vaccinated by Gender



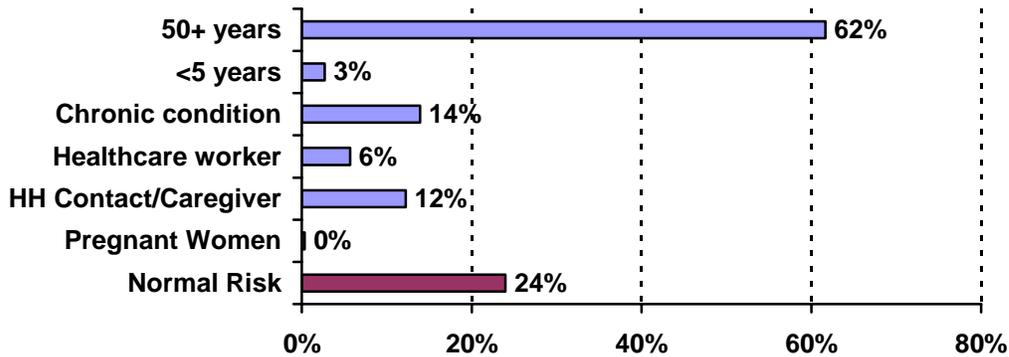
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group

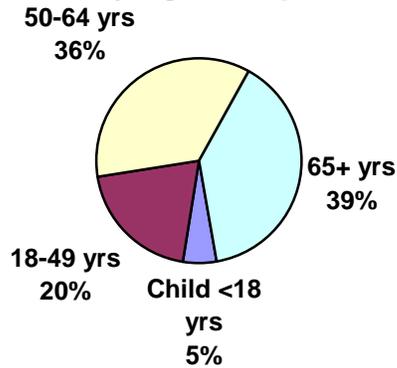


Note: Sums to greater than 100% owing to multiple risk categories for some residents.

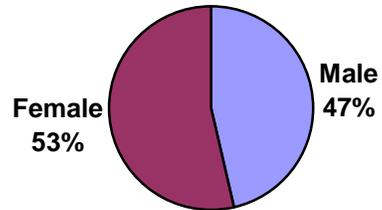
Wildwoods (North Wildwood, West Wildwood, Wildwood, Wildwood Crest, n=1,219)

Vaccinated persons living in the Wildwoods were slightly more likely to have a high-risk condition; more likely to be 65 years or older and less likely to be between 18-49 or 50-64 years; less likely to be white and more likely to have an other/unknown race. Gender was consistent.

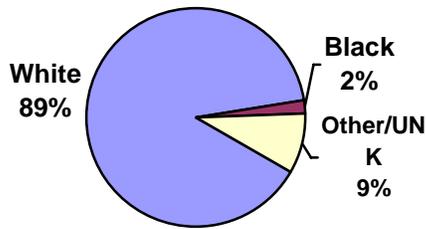
Percentage Residents Vaccinated by Age Group



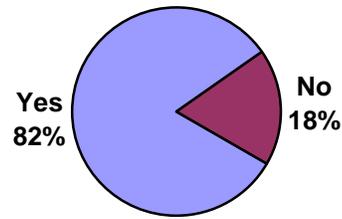
Percentage of Residents Vaccinated by Gender



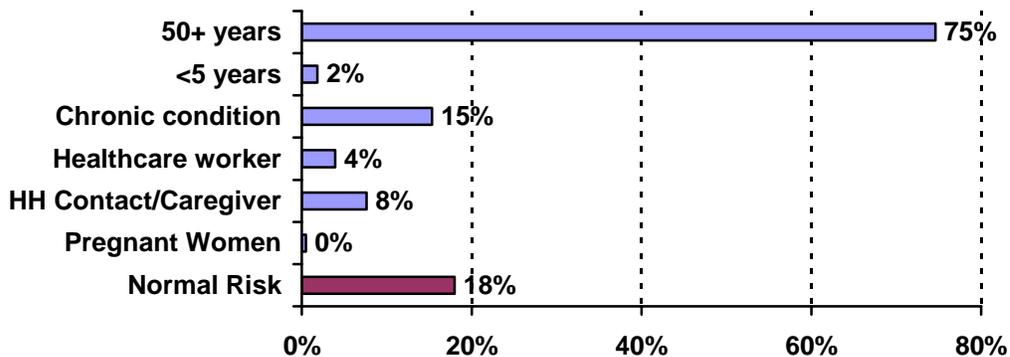
Percentage of Residents Vaccinated by Race



Percentage of Residents Vaccinated at High Risk for Flu Complications



Percentage of Residents Vaccinated by Risk Group



Note: Sums to greater than 100% owing to multiple risk categories for some residents.