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Adult Immunizations

New York State Updates

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Disclosures

- I disclose that my spouse owns stock in Bristol-Myers Squibb. I have no financial relationships, or any other relationships that would create a conflict of interest, with any vaccine manufacturers mentioned in the presentation.
- No other planners or presenter have disclosed any relevant financial relationships with any commercial entities whose products, research or services may be discussed in this activity.
- All relevant financial relationships have been mitigated.
- No commercial funding has been accepted for this activity.

Agenda

- Standards for Adult Immunization Practice
- New York State Immunization Information System (NYSIIS)
- Adult Immunization Provider Visits
- Pharmacists as Immunizers
- New York State Adult Immunization Data
- Vaccines for Adults Program

Adults Need Vaccinations Too!!



Influenza, Td/Tdap, Pneumococcal (PCV, PPSV), Herpes Zoster, MMR, Varicella, Meningococcal (MenACWY, MenB), HPV, Hepatitis A, Hepatitis B, Hib



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Standards for Adult Immunization Practice



Standards for Adult Immunization Practice

- **Assess** the immunization status of all patients at every clinical encounter.
- Strongly **Recommend** the vaccines that your patients need.
- **Administer** the needed vaccines or **Refer** your patients to a vaccination provider.
- **Document** the vaccines your patients received.

Assess Patients' Immunization Needs

- Assessing patients' vaccination status at every clinical encounter will help avoid missed opportunities.
- Make routine vaccination assessment part of the workflow in your practice.
- Routine assessment of patients' vaccination status will make a difference.

Make a Strong Recommendation: S.H.A.R.E.

- **S - Share:** why the recommended vaccine is right for them.
- **H - Highlight:** positive experiences
- **A - Address:** patient questions and concerns
- **R - Remind:** patients that vaccines protect them and their loved ones.
- **E - Explain:** potential costs of the disease.

Administer or Refer

- **Administer** recommended vaccines
 - Stock vaccines at your practice
 - Train and educate staff on vaccine administration
 - Make it convenient for patients to receive needed vaccines.
- **Refer** patients to an immunization provider for vaccines you do not stock
 - Why is this important?
 - What can you do?

Document the Vaccines Patients Received

- Document in the patient's medical record
- Provide each patient with documentation of vaccines received
- Document vaccination in NYSIIS, with consent

Adult Immunization Resources

- NYSDOH Adult Immunization webpage:
<https://www.health.ny.gov/prevention/immunization/adult.htm>
- CDC Adult Vaccination Resources webpage:
<https://www.cdc.gov/vaccines/hcp/adults/index.html>
- Strategies for Strong Vaccine Communication live webcast (CE credits available):
https://www.albany.edu/cphce/phl_0720.shtml
- Vaccine Communication Toolkit:
https://www.albany.edu/cphce/vaccinateny_toolkit.shtml



New York State Immunization Information System (NYSIIS)

Benefits of NYSIIS for Your Practice

- Provides a complete, confidential vaccination record in one place and is a Lifetime Registry
- Improved patient care
 - Recommending needed immunizations
 - Avoid unnecessary immunizations
 - Assessment of immunization series completion
 - Avoid missed opportunities
- Ability to utilize reminder and recall notifications

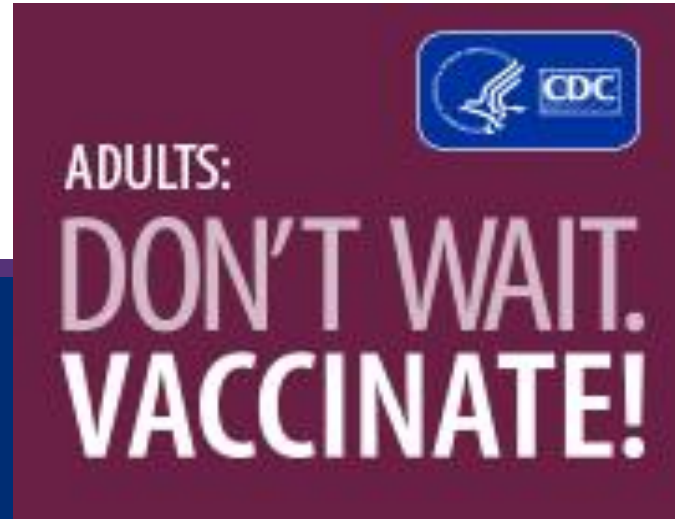
Benefits of NYSIIS continued

- Utilize reports to monitor the immunization coverage rates for your practice
- Access to multiple users: Record and/or read
 - Primary care providers
 - Specialty providers such as obstetrics
 - Emergency room and urgent care providers
 - Schools
 - Public health for case management and outbreak control
 - Pharmacists

NYSIIS Resources

- NYSIIS webpage:
https://www.health.ny.gov/prevention/immunization/information_system/
 - Trainings:
https://www.health.ny.gov/prevention/immunization/information_system/status.htm
 - Providers:
https://www.health.ny.gov/prevention/immunization/information_system/providers/
 - Contact:
https://www.health.ny.gov/prevention/immunization/information_system/contact.htm
- NYSIIS general contact information: nysiis@health.ny.gov or (518) 473-2839

Adult Immunization Provider Visits



What are Adult Provider Visits?

- Local Health Departments have been visiting providers, in their counties, who provide adult immunizations
- Purpose of the visits:
 - Adult immunization rates are low
 - Provider recommendation is the number one predictor of patients getting vaccinated
 - Review of Standards of Adult Immunization Practice
 - Review of providers' current adult immunization practices
 - Development of an Action Plan
 - Follow-up

How Adult Visits Benefit Providers

- Local Health Department staff are your communities' immunization subject matter experts
 - They are knowledgeable about the standards
 - They are knowledgeable about NYSIIS
- Resources are provided
- An Action Plan is developed
- Follow-up is provided to identify barriers to implementation and provide technical assistance as needed

Pharmacists as Immunizers

Pharmacists as Immunizers

- New York State Education Law §§ 6527, 6801, 6802 and 6909 permit pharmacists who obtain additional certification to administer to adults aged 18 years and older:
 - Influenza vaccines*
 - Pneumococcal vaccines
 - Meningococcal vaccines
 - Tetanus, Diphtheria, and Pertussis-containing vaccines
 - Herpes Zoster vaccine
- May administer vaccines under patient specific or non-patient specific orders

*NYS Education law was amended to authorize pharmacists to administer influenza vaccine to children aged 2-18 years as well and was renewed in 2020. This law will expire July 1, 2022 if not renewed prior to this date.

HHS Amendment to PREP Act, 8/2020

- 8/19/2020: U.S. Department of Health and Human Services (HHS) announced an amendment to the Public Readiness and Emergency Preparedness Act (PREP Act) for Medical Countermeasures Against COVID-19:
 - Authorizes state-licensed pharmacists to order and administer vaccines to children 3-18 years of age.
 - Authorizes pharmacy interns who are licensed or registered by their state board of pharmacy and are under the supervision of a state licensed pharmacist to administer vaccines to children 3-18 years of age.
 - This includes any vaccine recommended by the Advisory Committee on Immunization Practices (ACIP) for ages 3 to 18 years of age.
 - This does not impact adult immunizations.

Sources: <https://www.hhs.gov/sites/default/files/third-amendment-declaration.pdf>;
<https://www.hhs.gov/about/news/2020/08/19/hhs-expands-access-childhood-vaccines-during-covid-19-pandemic.html>



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HHS Amendment to PREP Act (cont.)

- The amendment is subject to several requirements:
 - The vaccine must be approved and licensed by the FDA.
 - The vaccination must be ordered and administered according to ACIP immunization schedules.
 - The licensed pharmacist must complete a 20-hour training program approved by the Accreditation Council for Pharmacy Education (ACPE) and include hands-on injection techniques, clinical evaluation of indications and contraindications of vaccines, and the recognition and treatment of emergency reactions to vaccines.
 - The licensed or registered pharmacy intern must complete a practical training program approved by the ACPE and include hands on injection technique, clinical evaluation of indications and contraindications of vaccines, and the recognition and treatment of emergency reactions to vaccines.

HHS Amendment to PREP Act (cont.)

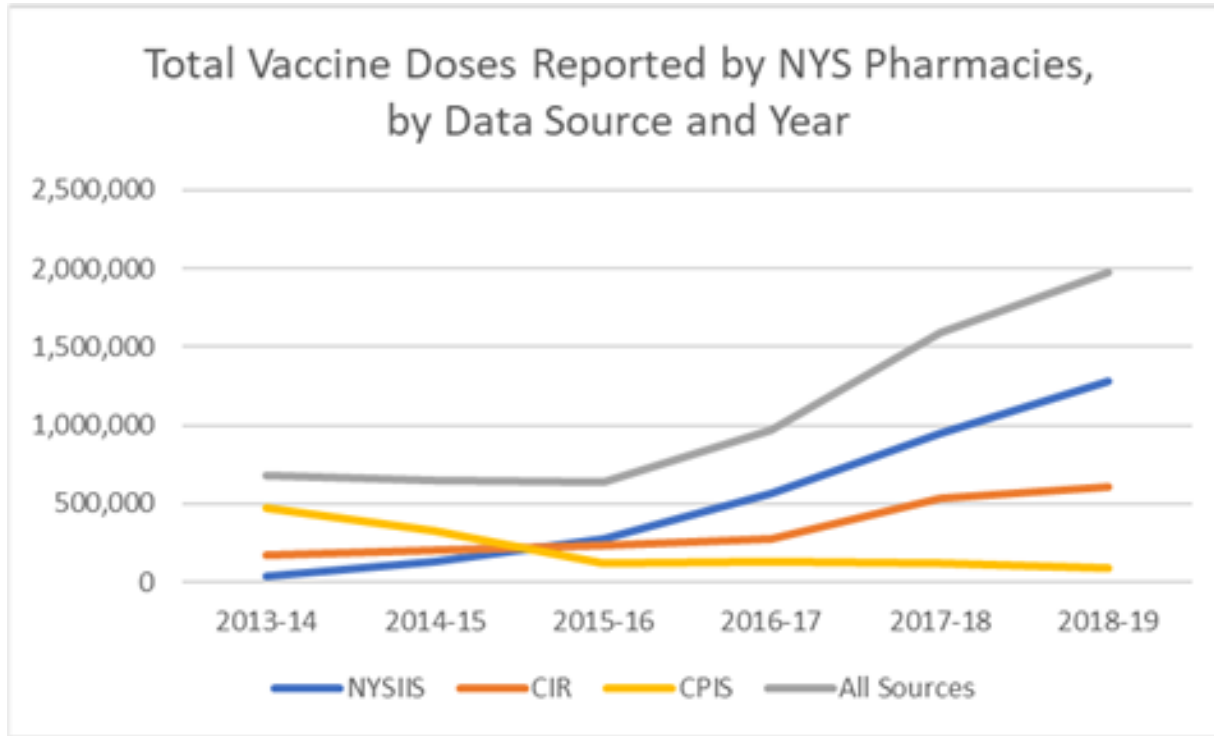
- The licensed pharmacist and licensed or registered pharmacy intern must have current CPR certification.
- The licensed pharmacist must complete a minimum of 2 hours of ACPE approved immunization related pharmacy education during the licensing period.
- The licensed pharmacist must comply with recordkeeping and reporting requirements of the jurisdiction in which the vaccines are administered.
- The licensed pharmacist must inform the patient and the adult caregiver of the importance of well-child visits with a pediatrician or other licensed care provider and refer patients as appropriate.

Pharmacists as Immunizers

	2017-18				2018-19			
Vaccine	Doses Reported to NYSIIS	Doses Reported to CIR	Doses Reported in CPIS	Total Doses - All Sources	Doses Reported to NYSIIS	Doses Reported to CIR	Doses Reported in CPIS	Total Doses - All Sources
Influenza	788,497	448,745	101,542	1,338,784	956,993	465,143	64,450	1,486,586
Pneumococcal	64,422	34,802	6,505	105,729	66,531	35,543	3,861	105,935
Zoster	68,319	27,211	3,709	99,239	216,267	85,549	21,642	323,458
Meningococcal	919	873	132	1,924	1,071	1,248	170	2,478
Td/Tdap	23,658	17,785	2,325	43,768	35,011	22,438	2,340	59,789
Total	945,815	529,416	114,213	1,589,444	1,275,873	609,733	92,463	1,978,246



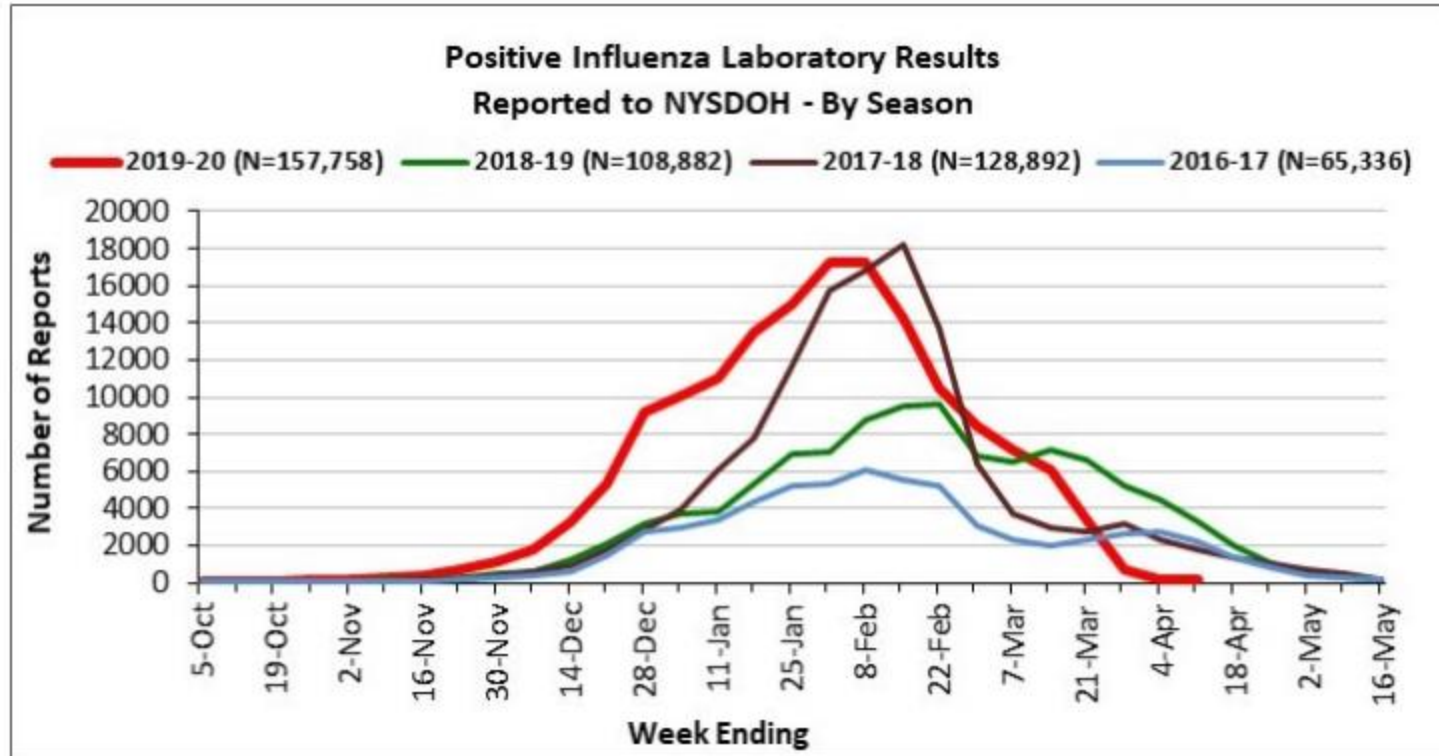
Pharmacists as Immunizers



Note: 2018-19 data is preliminary

NYS Adult Immunization Data

New York State Influenza Surveillance



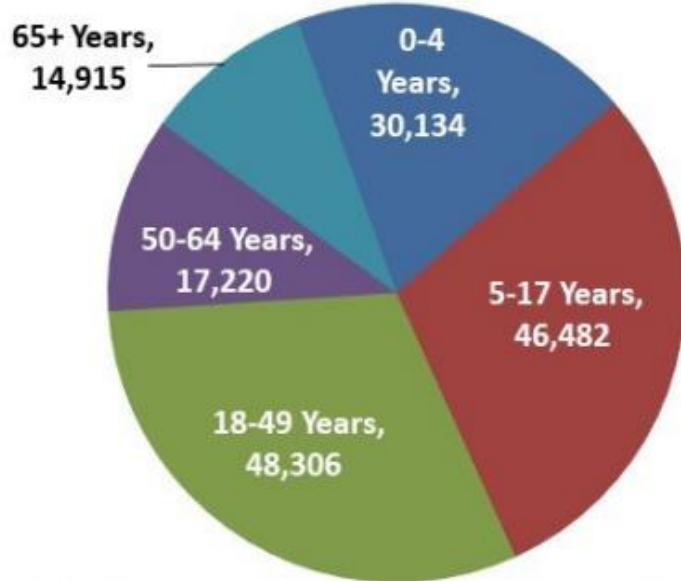
NYS data available at: <https://www.health.ny.gov/diseases/communicable/influenza/surveillance/>



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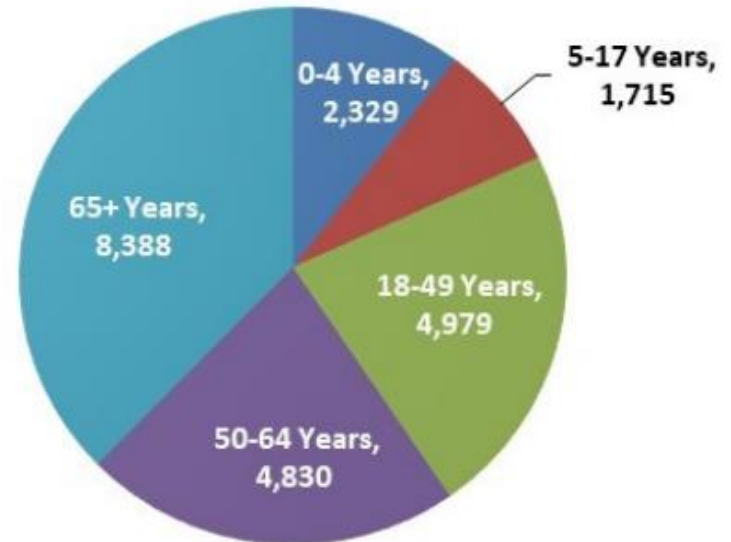
Laboratory-Confirmed Influenza

Positive Influenza Laboratory Results reported to NYSDOH, By Age Group, 2019-20 Season (N=157,758)

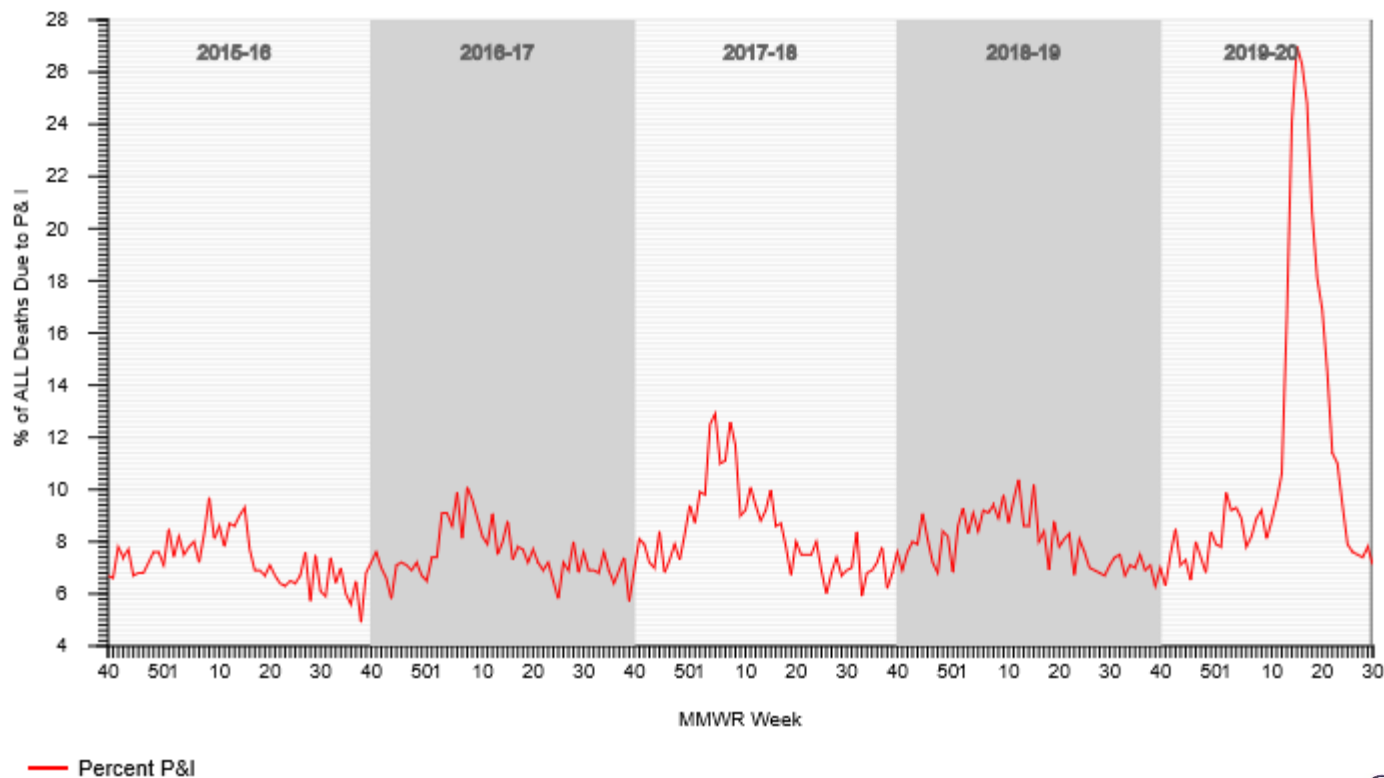


* The totals by age groups exclude 701 cases for which age was not reported.

Patients Hospitalized with Laboratory-confirmed Influenza reported to NYSDOH, By Age Group, 2019-20 Season (N=22,241)



Percentage of all deaths due to pneumonia and influenza, New York



<https://gis.cdc.gov/grasp/fluview/mortality.html>



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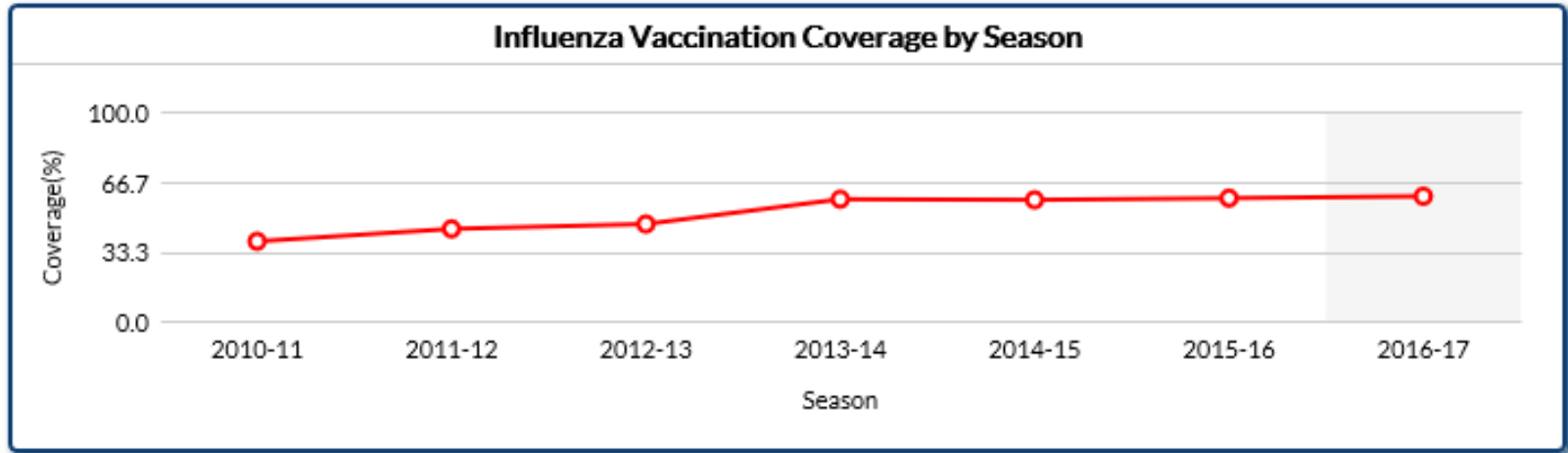
Flu Vaccination and Pregnancy

- Pregnant women and their infants are at increased risk of severe influenza-related illness
- ACIP recommends all women who are or may become pregnant during the flu season receive influenza vaccine
- Flu vaccination during pregnancy:
 - Reduced risk of flu-associated acute respiratory infection in pregnant women by up to one-half
 - Can help protect infants from influenza after birth

Influenza and Tdap Coverage Among Pregnant Women: Data from Internet Panel Survey, United States, April 2018

Recommendation/Referral Provided	Influenza Vaccine Received	Tdap Vaccine Received
Recommendation and offer	63.8%	73.5%
Recommendation, no offer	37.6%	38.3%
Recommendation, no offer, referral received	47.9%	56.1%
Recommendation, no offer, no referral received	30.1%	18.5%
No Recommendation	9.0%	1.6%

Influenza vaccination coverage women who had a recent live birth, PRAMS, NYS

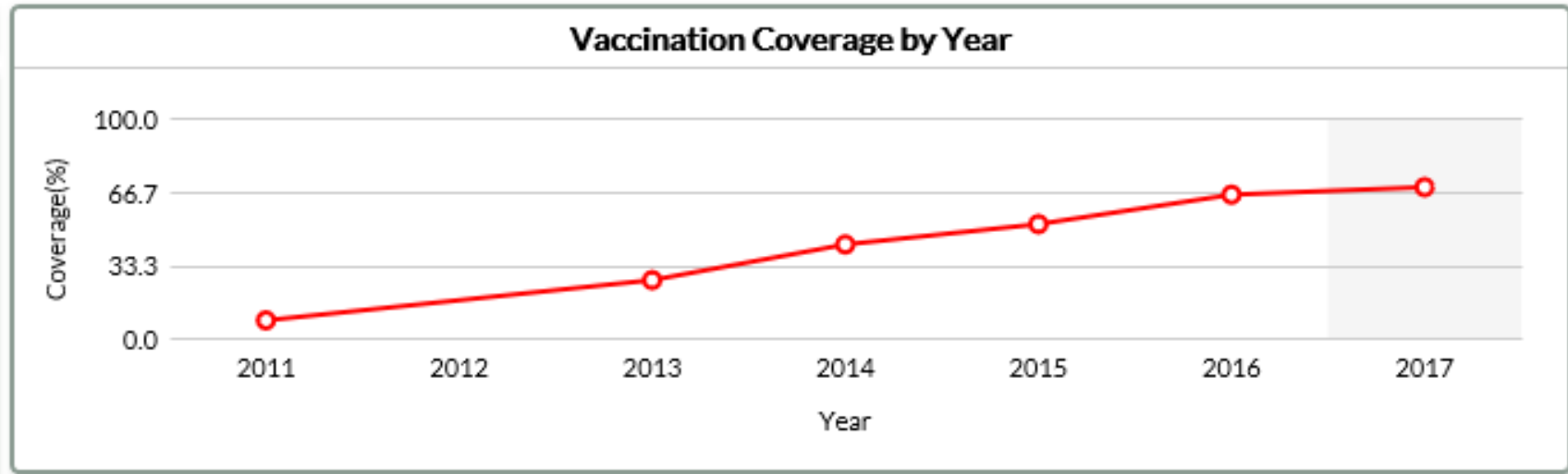


Source:
<https://www.cdc.gov/flu/fluview/pregnantwomen/trends/index.html>
<https://www.cdc.gov/flu/fluview/interactive-pregnant-women.html>



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Tdap coverage among women who had a recent live birth, PRAMS, NYS



Source: <https://www.cdc.gov/vaccines/imz-managers/coverage/adultvaxview/data-reports/index.html>



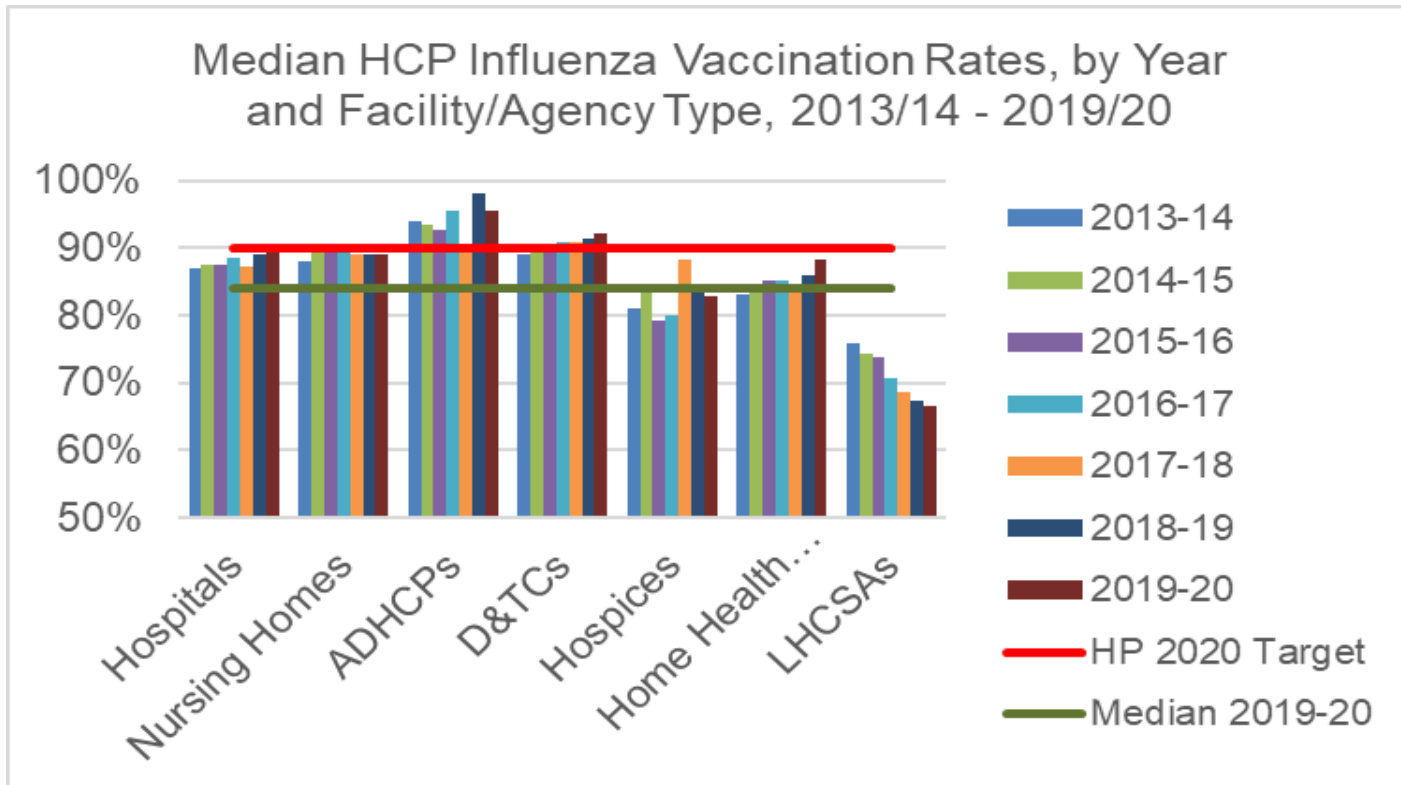
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NYS “Flu Mask” Regulation

- Requires healthcare facilities, agencies and hospices licensed under Article 28, 36 or 40 to:
 - Annually document the influenza vaccination status for all personnel employed by or affiliated with the facility or agency, whether paid or unpaid, who engage in activities such that if they were infected with influenza, they could potentially expose patients or residents to the disease
 - During the influenza season*, ensure that all personnel not vaccinated against influenza for the current season wear a surgical or procedure mask while in areas where patients or residents may be present
 - The NYSDOH annually sends out notifications when influenza is prevalent, and posts them at www.health.ny.gov/flumaskreg

*Influenza season defined as the period of time during which influenza is determined to be prevalent by the NYS Commissioner of Health.

Median HCP Influenza Vaccination Rates, by Year and Facility/Agency Type, 2013/14 – 2019/20



Influenza Vaccination Coverage Among Health Care Personnel, United States, 2018-19 Influenza Season

- Coverage rate for HCP overall was 81.1%; similar to previous 4 season (77.3% to 79.0%).
- Over 90% of physicians, nurses, nurse practitioners, and pharmacists were vaccinated.
- However, only 72.5% of assistants/aides, and 75.5% of nonclinical personnel were vaccinated.
- Vaccination was highest in settings with employer vaccination requirements (97.7%)
 - If no requirement, vaccination rate was higher for HCP who had access to free, on-site vaccinations over multiple days (83.2%) than employers who have no policies related to vaccination promotion (42.1%)

Adult Vaccination Coverage in NYS

YEAR	VACCINE	AGE	COVERAGE
2016	Tdap	18 – 64 years	29.5%
		≥ 65 years	14.5%
2016	Td or Tdap	18 – 49 years	61.4%
		50 – 64 years	53.3%
		≥ 65 years	42.1%
2018	Pneumococcal	18 – 64 years	26.2%
		≥ 65 years	64.0%
2017	Zoster	≥ 60 years	34.3%

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Source: <https://www.cdc.gov/vaccines/imz-managers/coverage/adultvaxview/index.html>

Vaccines for Adults Program

Vaccines for Adults Program (VFA)

- Most vaccines routinely recommended for adults by the federal Advisory Committee on Immunization Practices (ACIP) are available through the VFA Program.
- Many local health departments and federally qualified health centers participate in the VFA program to accommodate eligible adult patients. The VFA program continues to enroll new providers as funding permits.
- For more information or to find out if there is a VFA provider in your area, please contact the NYS Vaccine Program at 1-800-543-7468 or email: nyvfc@health.ny.gov

COVID-19



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NYSDOH COVID-19 Tracker

Testing data as of: 9/26/2020 Midnight
Testing data last updated on: 9/27/2020
(Updated daily before 2 PM)

Statewide

Total Persons Tested
10,508,186

Total Tested 9/26
84,770

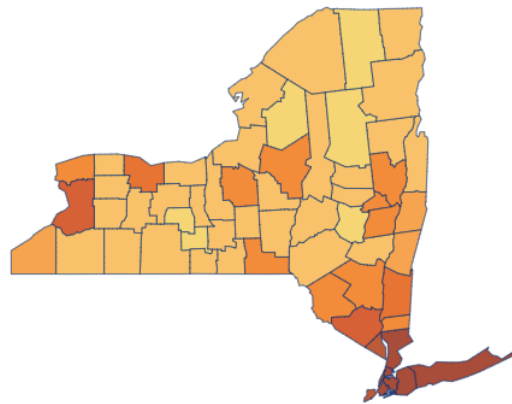
Total Tested Positive
455,626

Sex Distribution of Positive Cases

Female	Male	Unknown
49.0%	50.2%	0.8%

New Positives 9/26
866

Persons Tested Positive by County



01-99
100-499
500-999
1,000-4,999
5,000-9,999
10,000-14,999
15,000-19,999
20,000+

Click County to See Detail
Click Again for Statewide

Albany	3,095
Allegany	106
Bronx	52,920
Broome	1,572
Cattaraugus	260
Cayuga	215
Chautauqua	573
Chemung	461
Chenango	249
Clinton	160
Columbia	591
Cortland	171
Delaware	134
Dutchess	5,120
Erie	11,342
Essex	167
Franklin	66
Fulton	335

[Click for Daily Trends](#)

[Click for Table View](#)

[Click for Fatality Data](#)

[FAQs & Helpful Links](#)

County Stats: **None**

Source: <https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>



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COVID Vaccine

- COVID vaccine will most likely be distributed through NYSIIS in New York State
 - For providers who plan to offer COVID-19 vaccine:
 - Do you have a Health Commerce System account?
 - Do you have access to NYSIIS?
 - If you have access to NYSIIS, do you use it regularly?
- Now is the time to make sure you are prepared to offer COVID-19 vaccine!

COVID-19 Vaccine continued

- To request a Health Commerce System Account: contact the Commerce Account Management Unit at 1-866-529-1890.
- To request access to NYSIIS call (518) 473-2839 or email nysiis@health.ny.gov.

Resources

- NYSDOH Vaccines and Immunization:
<https://www.health.ny.gov/prevention/immunization/>
- Adult Immunization Schedule: <https://www.cdc.gov/vaccines/hcp/adults/for-practice/adult-recommendations.html>
- Standards for Adult Immunization Practice:
<https://www.cdc.gov/vaccines/hcp/adults/for-practice/standards/index.html>
- CDC Adult Vaccination Resources:
<https://www.cdc.gov/vaccines/hcp/adults/index.html>
- Immunization Action Coalition: <http://www.immunize.org/>
- National Adult and Influenza Immunization Summit:
<https://www.izsummitpartners.org/>
- The Pink Book: <https://www.cdc.gov/vaccines/pubs/pinkbook/index.html>



Questions??

Contact NYSDOH at:
immunize@health.ny.gov



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