

# State of the District

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ImmunizeDC Summit – September 21, 2023

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Bureau Chief

Health Care Access Bureau, Community Health Administration

# Disclosure

- ▶ I have no conflicts of interest to disclose.

# AGENDA

- ▶ Childhood Immunizations
- ▶ SY23-24 Updated School Immunization Requirements
- ▶ Fall/Winter Respiratory Illnesses

# Childhood Immunizations

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- Importance of Childhood Immunizations
- Immunization Coverage in the District
- Improvement in coverage since Spring 2021

# Childhood Immunization Overview

- Immunizations are a key public-health measure to prevent infectious disease
- Routine pediatric immunizations are a measure of pediatric care; it's important that children are caught up with school-required immunizations and well-child checks.
- DC Health is working with providers, education partners, insurers, and other stakeholders to ensure our youngest residents and adolescents remain protected against vaccine-preventable diseases, are vaccinated on-time, and able to remain in school.

# DC Health / Community Health Administration

Five Year Aims – By 2026 We Will Achieve...

Objective	Baseline	Base Year	Current	Trend	2026 Target	Data Source
Increase % of children with up to date immunizations at 2 years of age	70%	2018 Birth Cohort	69%		80%	District of Columbia Immunization Information System (DOCIIS)
Increase % of children in Kindergarten with two doses of MMR	79%	2021	88%		95%	District of Columbia Immunization Information System (DOCIIS)
Increase % of children 6 months – 17 years up to date for influenza vaccine	69%	2020-21	70%		78%	NIS (FluVaxView)

# Immunization Coverage at 24 Months of Age

Coverage is climbing after April 2020 low-point due to COVID-19 pandemic related disruptions in access to health care

- Resumption of pre-pandemic routines
- Improved access to health care and immunizations
- Immunization Quality Improvement Program (IQIP)



## Vaccination Coverage with Selected Vaccines and Exemption Rates Among Children in Kindergarten — United States, 2020–21 School Year

Immunization program	Kindergarten population <sup>§§</sup>	% Surveyed <sup>¶¶</sup>	% Vaccine doses			% Grace period or provisional enrollment	% Any exemption	Percentage point change in any exemption from 2019–20 school year	% No documentation <sup>¶¶¶</sup>	% Out of compliance <sup>****</sup>
			2 of MMR <sup>***</sup>	5 of DTaP <sup>†††</sup>	2 of varicella <sup>§§§</sup>					
National estimate <sup>††††</sup>	3,520,205	90.8	93.9	93.6	93.6	2.0	2.2	−0.3	1.0	3.4
Median <sup>††††</sup>	NA	NA	93.7	93.4	93.7	2.1	2.5	−0.2	0.7	2.8
Alabama <sup>§§§§,¶¶¶¶</sup>	56,974	100.0	≥94.7	≥94.7	≥94.7	NP	1.3	0.1	NR	3.7
Alaska <sup>¶¶¶¶,****</sup>	9,461	92.5	NR	NR	NR	NR	4.0	−1.9	NR	NR
Arizona <sup>††††</sup>	76,382	93.4	91.9	92.0	95.5	NR	5.5	0.0	NR	0.6
Arkansas <sup>§§§§</sup>	37,540	95.6	93.2	92.3	92.8	10.0	2.0	0.1	1.2	NR
California <sup>¶¶¶¶,††††,§§§§</sup>	498,214	97.5	95.1	94.7	94.8	0.7	0.5	−0.3	NR	NR
Colorado	63,619	97.3	90.5	90.1	89.4	0.5	≥4.2	−0.7	NR	NR
Connecticut <sup>§§§§,¶¶¶¶</sup>	34,396	100.0	95.3	95.3	95.1	NP	2.6	0.1	NR	NR
Delaware <sup>¶¶¶¶</sup>	10,587	9.2	95.7	94.9	95.3	NR	2.4	NA	0.5	6.1
DC <sup>§§§§,¶¶¶¶</sup>	8,262	100.0	78.9	78.5	78.0	NR	0.3	NA	4.8	NR
Florida <sup>§§§§,¶¶¶¶</sup>	207,026	100.0	≥93.3	≥93.3	≥93.3	3.4	3.1	−0.3	NR	0.2
Georgia <sup>§§§§,¶¶¶¶</sup>	83,191	100.0	≥88.5	≥88.5	≥88.5	0.6	2.9	−0.1	1.0	NR
Hawaii <sup>¶¶¶¶</sup>	13,074	9.3	90.7	91.3	87.2	0.1	3.7	−2.4	0.9	NR
Idaho	22,677	98.3	86.5	86.4	86.2	1.5	8.2	0.6	1.2	7.2





7/27/22

DR. ASAD BANDEALY

BUREAU CHIEF, HEALTH CARE ACCESS BUREAU, COMMUNITY HEALTH ADMINISTRATION



## Get Back On Track

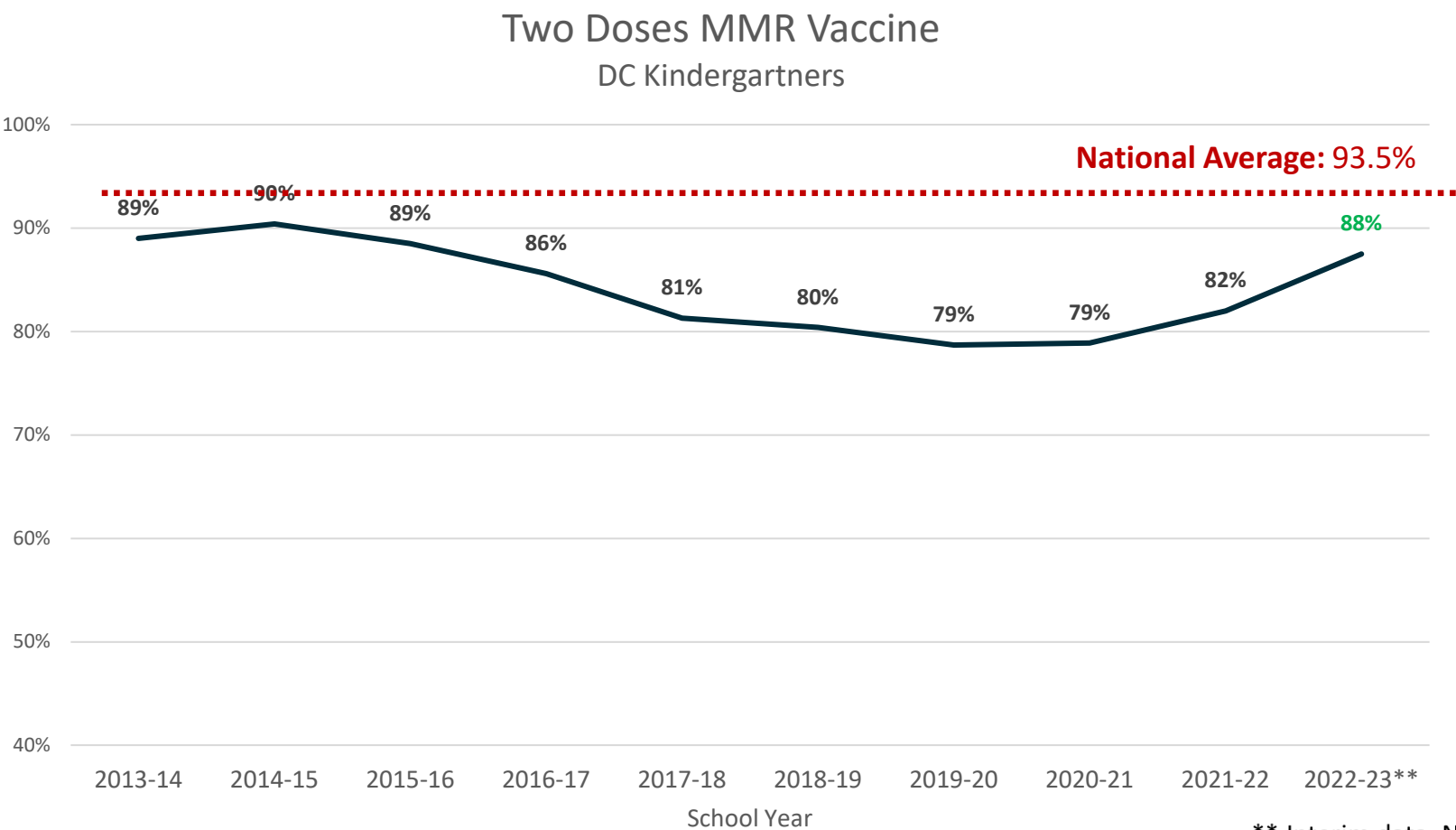
**Vaccines are the best protection against vaccine-preventable diseases.**

Parents, visit [dchealth.dc.gov/immunizations](https://dchealth.dc.gov/immunizations) and talk to your pediatrician to learn what vaccines your child needs this year.

**DC HEALTH** GOVERNMENT OF THE DISTRICT OF COLUMBIA  
**DC MURIEL BOWSER, MAYOR**

# DC Kindergartner Compliance

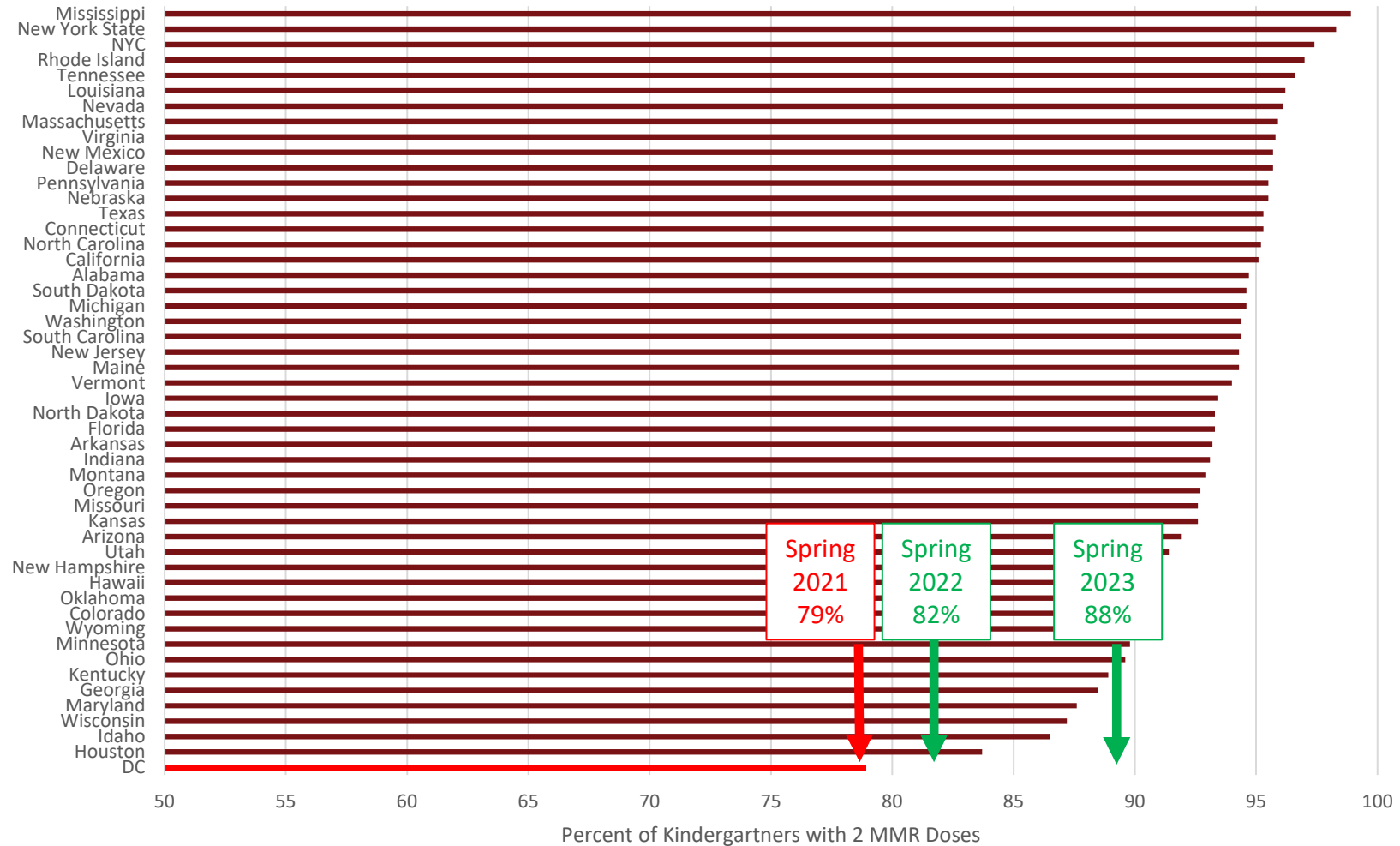
We have moved from 79% to 88% of Kindergarteners having two doses of MMR



\*\* Interim data, November 2022

# Progress in MMR Coverage

Two Doses MMR in Kindergarten by State, 2020-21 School Year






# Vaccines for Children & 317

- The Vaccines for Children program (VFC) is a federal vaccine distribution program for children's vaccines. All children under age 19 who are Medicaid eligible, uninsured, underinsured, or are American Indian or Alaska Natives (AI/AN) are eligible.
- Section 317 of the Public Health Service Act authorizes the federal purchase of vaccines to vaccinate children, adolescents, and adults. Over its 50-year history, Section 317-purchased vaccine has been directed towards meeting the needs of priority populations.

## Vaccines for Children

Protecting America's children every day



The Vaccines for Children (VFC) program helps ensure that all children have a better chance of getting their recommended vaccines. VFC has helped prevent disease and save lives.


CDC estimates that vaccination of children born between 1994 and 2021 will:

prevent **472 million** illnesses  
(29.8 million hospitalizations)




more than the current population of the entire U.S.A.

help avoid **1,052,000** deaths




greater than the population of Seattle, WA

save nearly **\$2.2 trillion** in total societal costs  
(that includes \$479 billion in direct costs)



more than \$5,000 for each American

Updated 2021. All figures subject to change. \*Based on CDC's National Immunization Survey (NIS) data for the United States, 1994-2021.



U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention

[www.cdc.gov/vaccines/vfcprogram/](http://www.cdc.gov/vaccines/vfcprogram/)

HC/DMT/C 1/16/2022

# Vaccines for Children & 317 (Cont'd)

## In the District of Columbia, there are:

- 54 - VFC providers
  - Estimated 10 private practices have enrolled
  - Remainder are Federally Qualified Health Centers (FQHC) and Community Based Organizations (CBO)
- 22 - 317 providers
  - All providers are FQHCs and CBOs



## By participating in the VFC Program, providers agree to:

- Screen all children for eligibility
- Submit documentation to the VFC program for each vaccine dose administered
- Follow the recommended immunization schedule established by the ACIP, the American Academy of Pediatrics, the American Academy of Family Practitioners and DC law except where medically contraindicated
- Not charge for VFC-supplied vaccine
- Provide vaccine information materials as prescribed by law
- Allow VFC staff access to your practice for technical assistance and program review

# District Pediatric Vaccine Access

[PedsVax.dc.gov](https://PedsVax.dc.gov)

SEPTEMBER 2023

 Pediatric Vaccination Opportunities 

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4 Children's National Immigrant Health Clinic	5 MedStar King Greenleaf Rec.  Children's National I Dream PCS	6	7	8	9 Children's National Howard University
10	11 Children's National Immigrant Health Clinic	12 MedStar Lincoln Heights	13	14	15	16
17	18 Children's National Immigrant Health Clinic	19 MedStar Potomac Gardens	20	21	22	23 Safeway Pharmacy McKinley Technology HS
24	25 Children's National Immigrant Health Clinic	26 MedStar King Greenleaf Rec.  Children's National Digital Pioneers Academy	27	28	29	30 Children's National Anacostia

For more information about locations, contact information, and to make an appointment, please view the second page.

Visit [bit.ly/DCHealthImmunization](https://bit.ly/DCHealthImmunization) to learn more and view clinics offered.

DC HEALTH

GOVERNMENT OF THE DISTRICT OF COLUMBIA

GOVERNMENT OF THE DISTRICT OF COLUMBIA

MURIEL BOWSER, MAYOR



# SY23-24 School Immunization Requirements

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# DC Health School Immunization Requirements SY23-24

- This school year, DC Health has updated the definition of compliance to make it clearer for families and simpler for schools and healthcare providers to know when a child needs any given vaccine. As soon as it is due (based on the CDC schedule), it is required to attend school.

<https://www.cdc.gov/vaccines/parents/schedules/index.html>

**DC HEALTH**  
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**DC School Immunization Requirements Guide**  
effective June 2023

This is a summary of vaccines required for children to enter key grades in the District of Columbia. The number of ✓ is the total number of doses needed to enter those grades. More detail on the requirements is available at [dchealth.dc.gov/immunizations](https://dchealth.dc.gov/immunizations).

To start Pre-K3*	To start Kindergarten	To start 7 <sup>th</sup> grade	To start 11 <sup>th</sup> grade
DTaP ✓✓✓✓	DTaP ✓✓✓✓	DTaP ✓✓✓✓	DTaP ✓✓✓✓
Polio ✓✓✓✓	Polio ✓✓✓✓	Polio ✓✓✓✓	Polio ✓✓✓✓
Chickenpox ✓	Chickenpox ✓✓	Chickenpox ✓✓	Chickenpox ✓✓
MMR ✓✓✓	MMR ✓✓✓	MMR ✓✓✓	MMR ✓✓✓
Hepatitis B ✓✓✓	Hepatitis B ✓✓✓	Hepatitis B ✓✓✓	Hepatitis B ✓✓✓
Hepatitis A ✓✓✓	Hepatitis A ✓✓✓	Hepatitis A ✓✓✓	Hepatitis A ✓✓✓
Pneumococcal (PCV) ✓✓✓✓		Tdap ✓	Tdap ✓
Haemophilus influenzae Type B (Hib) ✓✓✓✓ (✓)		HPV ✓✓	HPV ✓✓
		Meningococcal (ACWY) ✓	Meningococcal (ACWY) ✓✓

✓ = number of doses

\*Your Pre-K3 child may become eligible for a booster dose of vaccines against MMR, Chickenpox, Polio, and Diphtheria/tetanus/Pertussis when they turn 4 years of age. We highly encourage getting these on time, however these will not count against the attendance requirement mid-year.

DC Health | 899 North Capitol Street NE, Washington, DC 20002 | (202) 442-5955 | [dchealth.dc.gov](https://dchealth.dc.gov)

**DC HEALTH**  
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**Childhood Vaccination Guide**  
effective 03-01-2022

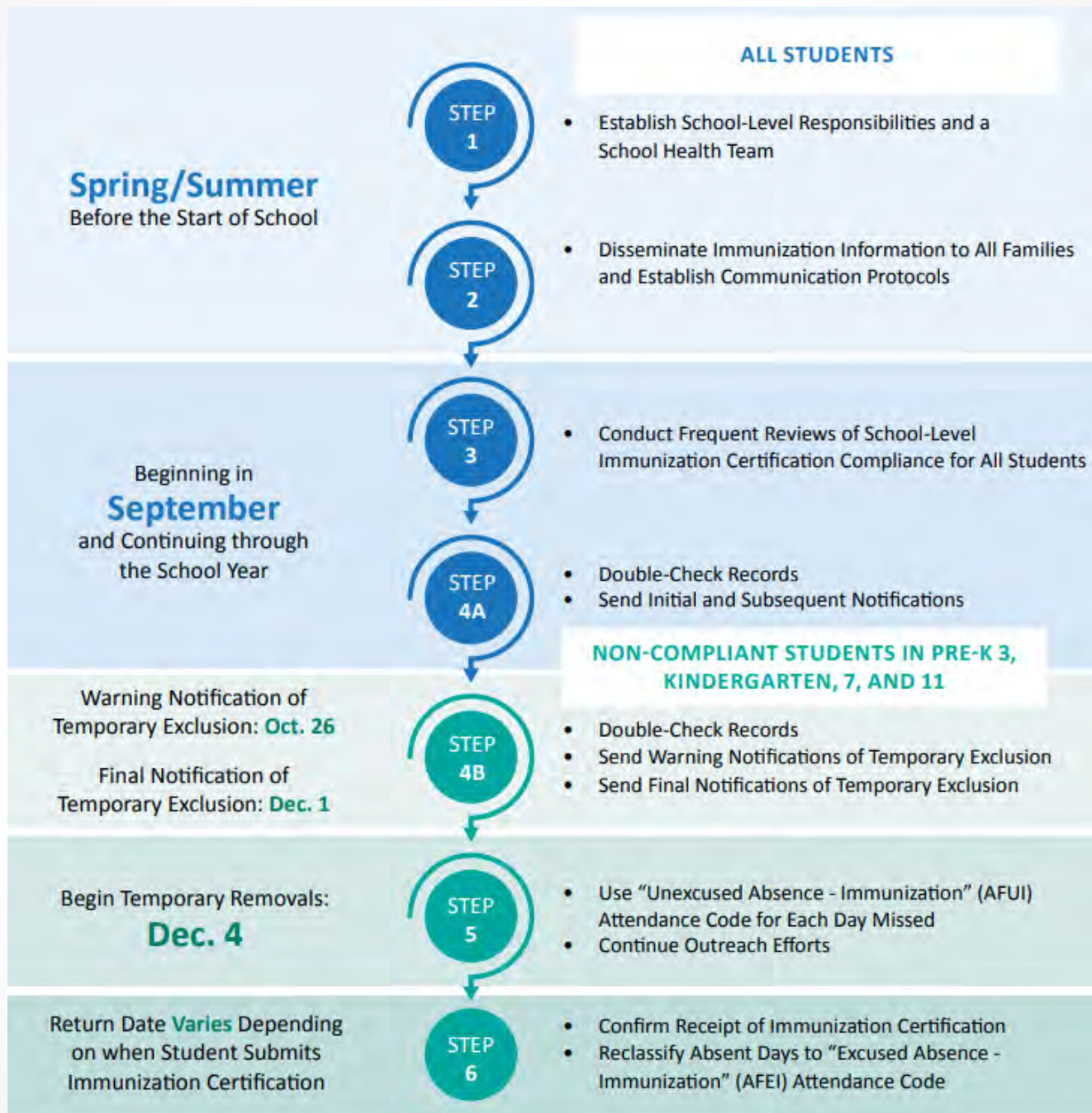
DC Health recognizes the importance of vaccinations for preventing disease and reducing the dangers that can come with being exposed to certain diseases. This document outlines the vaccine schedule for children based on age. Children are required to be up to date on vaccinations in every grade. More detail on the requirements is available at [dchealth.dc.gov/immunizations](https://dchealth.dc.gov/immunizations).

Everyone 6 months and older are strongly recommended to receive a COVID-19 and annual flu vaccine

2-3 years old	4-6 years old	7-10 years old
<p>The following vaccines are typically received before the age of 2:</p> <ul style="list-style-type: none"><li>• 4 doses of Diphtheria/Tetanus/Pertussis (DTaP)</li><li>• 3 doses of Polio</li><li>• 1 dose Varicella if no history of chickenpox</li><li>• 1 dose of Measles/Mumps/Rubella (MMR)</li><li>• 3 doses of Hepatitis B</li><li>• 2 doses of Hepatitis A</li><li>• 3 or 4 doses* of Hib (Haemophilus Influenza Type B)</li><li>• 4 doses of PCV (Pneumococcal)</li></ul> <p>*See PROVIDER for recommended doses.</p>	<p>Additional doses needed after receiving the vaccines listed under 2-3 years of age:</p> <ul style="list-style-type: none"><li>• 1 dose of Diphtheria/Tetanus/Pertussis (DTaP)</li><li>• 1 dose of Polio</li><li>• 1 dose of Varicella if no history of chickenpox</li><li>• 1 dose of Measles/Mumps/Rubella (MMR)</li></ul>	<p>Consult your PROVIDER to be certain your student has received all vaccinations listed under 2-3 and 4-6 years of age.</p>
11-12 years old	13-15 years	16+ years old
<p>Additional Required Vaccines AFTER receiving all vaccines under 2-3 years and 4-6 years.</p> <ul style="list-style-type: none"><li>• 1 dose of Tdap</li><li>• 1 dose of Meningococcal (Men ACWY)</li><li>• 2 doses of Human Papillomavirus Vaccine (HPV)*</li></ul> <p>*3 doses of HPV vaccine required if series initiated after 15th birthday</p>	<p>Additional Required Vaccines AFTER receiving all vaccines under 2-3 years, 4-6 years, and 11-12 years.</p> <ul style="list-style-type: none"><li>• 1 dose of Tdap</li><li>• 1 dose of Meningococcal (Men ACWY)</li><li>• 2 doses of Human Papillomavirus Vaccine (HPV)*</li></ul> <p>*The spacing and number of doses required may vary. Please contact your child's health care provider. For additional information, contact DC Health's Immunization Program at (202) 576-7130.</p>	<p>Additional Required Vaccines AFTER receiving all vaccines under 2-3 years, 4-6 years, and 11-12 years.</p> <ul style="list-style-type: none"><li>• 1 dose of Meningococcal (Men ACWY)</li></ul> <p>Consult your PROVIDER to be certain your student has received all vaccinations listed under 2-3 years, 4-6 years, and 11-12 years.</p>

DC Health | 899 North Capitol Street, NE, Washington, DC 20002 | 202.442.5955 | [dchealth.dc.gov](https://dchealth.dc.gov)





## School Immunization Policy Six Steps

- Activities that apply to students in all grades are in blue.
- Activities that apply only to non-compliant students in grades pre-K 3, kindergarten, 7 and 11 are in green.

# Fall/Winter Respiratory Illnesses

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COVID-19, Flu, RSV

# Achieving Vaccine and Health Equity

- Health equity: the state at which everyone has an opportunity to attain **their highest level of health**, regardless of income, geography, education, and other key social determinants.
- Vaccine equity: **vaccines should be distributed across geographies based on needs and regardless of economic status**. Access to and allocation of vaccines should be based on principles grounded in the right of every human to enjoy the highest attainable standard of health without distinction of race, religion, political belief, economic, or any other social condition.

# Achieving Vaccine and Health Equity

- 2018 District Health Equity Report identifies 9 key drivers of health:
- To eliminate disparities, we need intentional action across:
  - Access to quality health care
  - Social and structural determinants of health
  - Structural and institutional racism



# Objectives and Focus Populations

- Objectives

- Increase equitable vaccination access and coverage for vaccine-preventable respiratory illnesses
- Increase awareness of public health information related to respiratory illnesses
- Prevent illness and reduce premature deaths from respiratory illnesses in the District
- Reduce the burden on the healthcare system from respiratory illnesses throughout the District

- Focus Populations

- COVID-19: Age 65 and older, people with chronic medical conditions, weakened immune systems
- Influenza: Age 65 and older, children under age 5 years, people with chronic medical conditions, pregnant people
- RSV: Infants up to 12 months, Adults over 60 years, adults with chronic medical conditions, weakened immune systems



# COVID-19 Hospital Admissions and Emergency Visits

## National Data

% CHANGE IN COVID-19  
HOSPITAL ADMISSIONS  
**8.7%**

## DC Data

DC COVID-19 Hospital Admission Levels	Medium
DC COVID-19 Emergency Visits	Low
Estimated raw # of new COVID-19 hospital admissions in week	78
New COVID-19 admissions per 100K over the past week	11.05

# COVID-19 Wastewater Monitoring: Last 6 Months

## Washington, DC

**Wastewater:**  
Effective SARS-  
CoV-2 virus  
concentration  
(copies / mL of  
sewage)

750

*powered by Biobot Analytics*

500

250

0

Apr '23

May '23

Jun '23

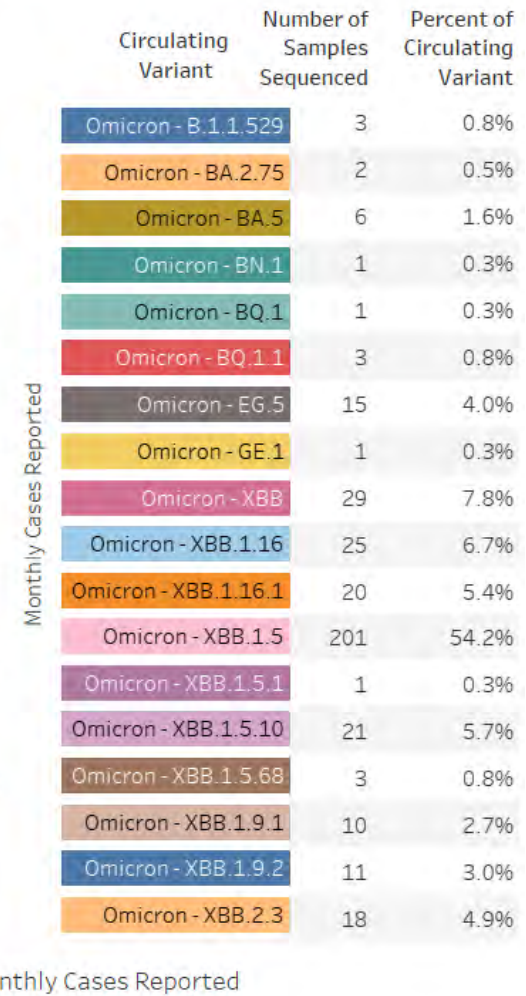
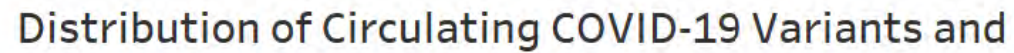
Jul '23

Aug '23

Sep '23

— County wastewater    - - - Nationwide wastewater

VIEW LINK



Start Date      End Date  
3/1/2023      8/31/2023

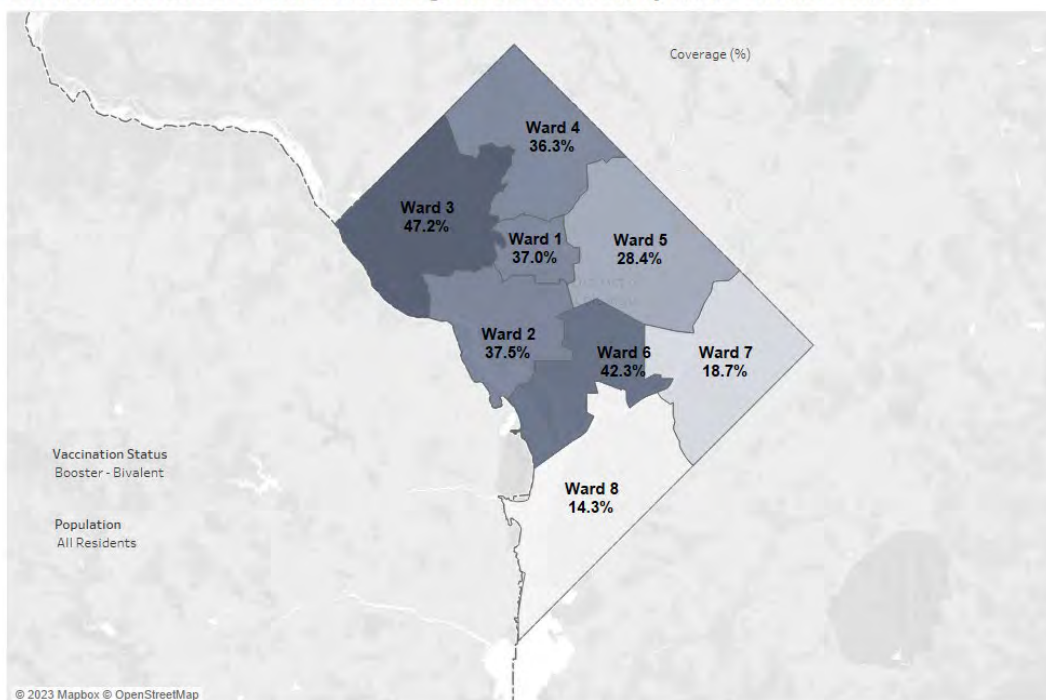
Variants labeled "Other" are not monitored and not identified as Variants of Concern. All data are subject to change as more information is collected and data are processed. Refer to the Data Guide for more detailed information.



# COVID-19 Coverage

- COVID-19 Vaccine Updated Booster Coverage in District by Ward. Source: District of Columbia Immunization Information System, DC Health, September 16, 2023.

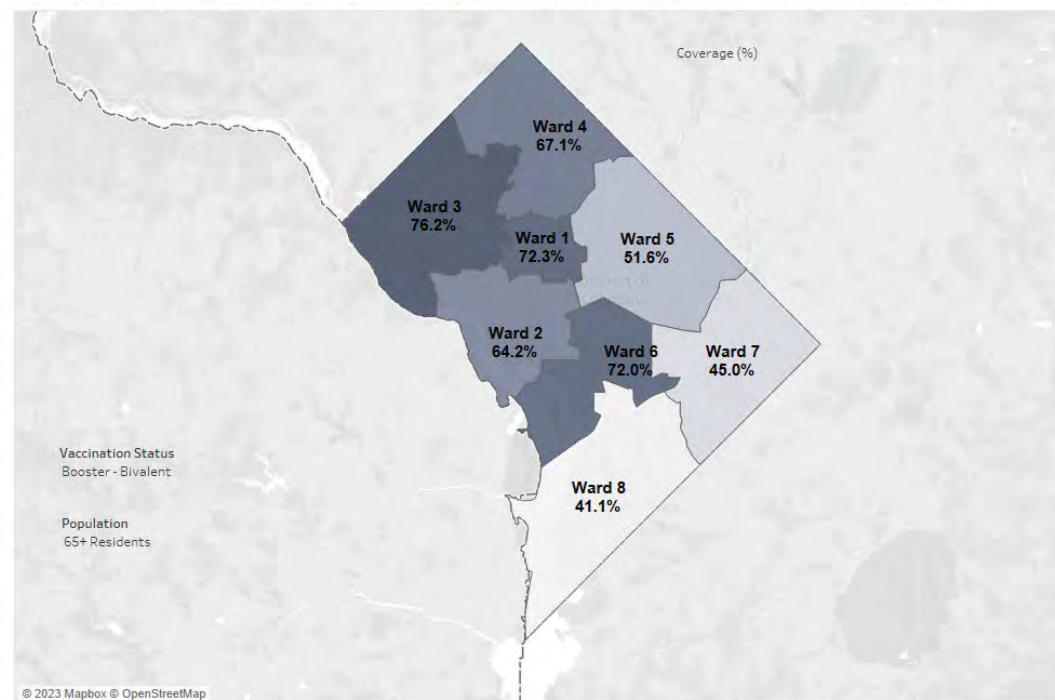
All Residents: COVID-19 Vaccine Coverage for DC Residents by Ward - Booster - Bivalent



**Data Consideration:** Number of Residents who completed the COVID-19 Bivalent Dose regimen and Coverage is defined as the number as a proportion of the number of residents in each Ward, as reported by the total population in the ACS 2022 5 year estimates, including residents who may be ineligible to receive the vaccine.

Ward level data may be lower than overall summary statistics, thus underestimating the true rate. Data excludes some residents who were vaccinated outside of the District or by a Federal Entity. In addition, Data may be incomplete due to missing or incomplete residential address information.

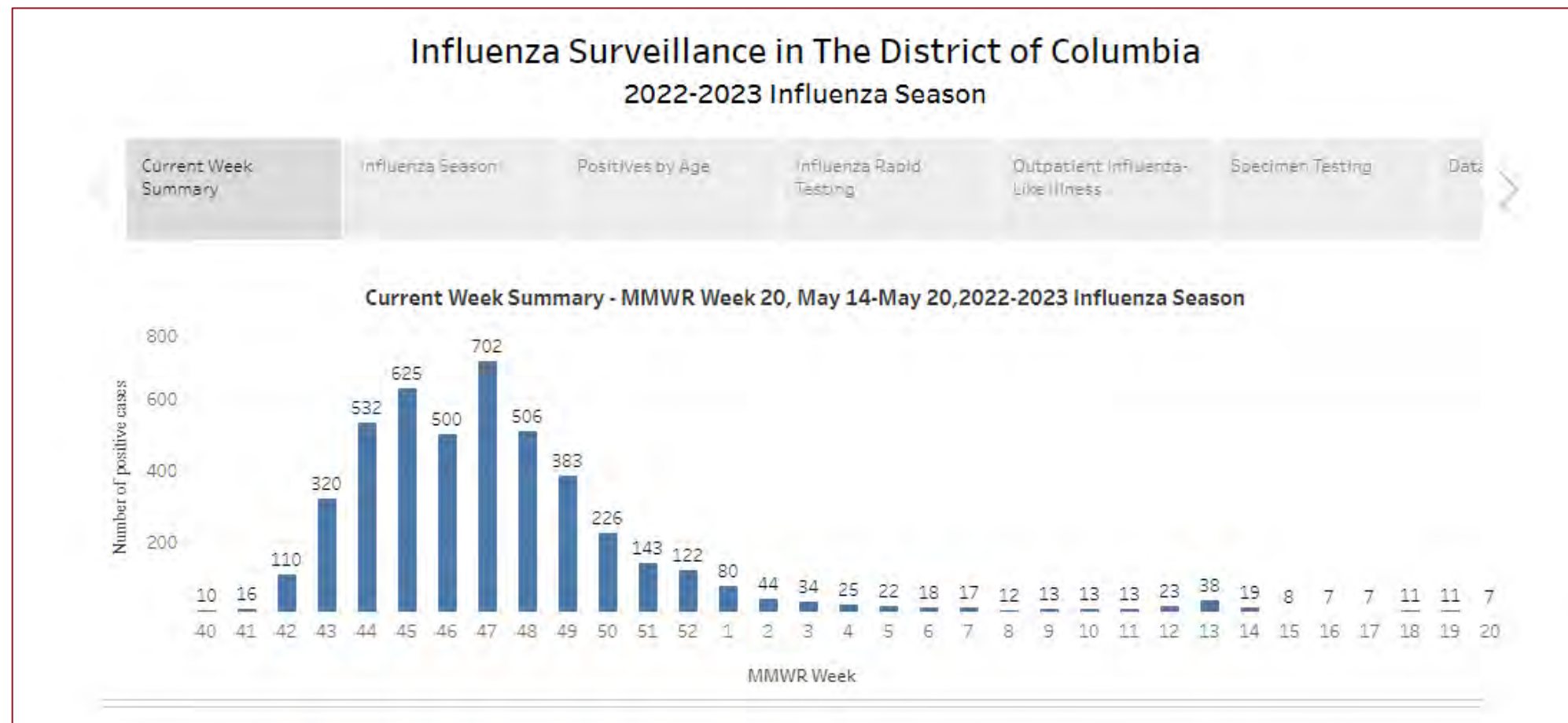
65+ Residents: COVID-19 Vaccine Coverage for DC Residents by Ward - Booster - Bivalent



**Data Consideration:** Number of Residents who completed the COVID-19 Bivalent Dose regimen and Coverage is defined as the number as a proportion of the number of residents in each Ward, as reported by the total population in the ACS 2022 5 year estimates, including residents who may be ineligible to receive the vaccine.

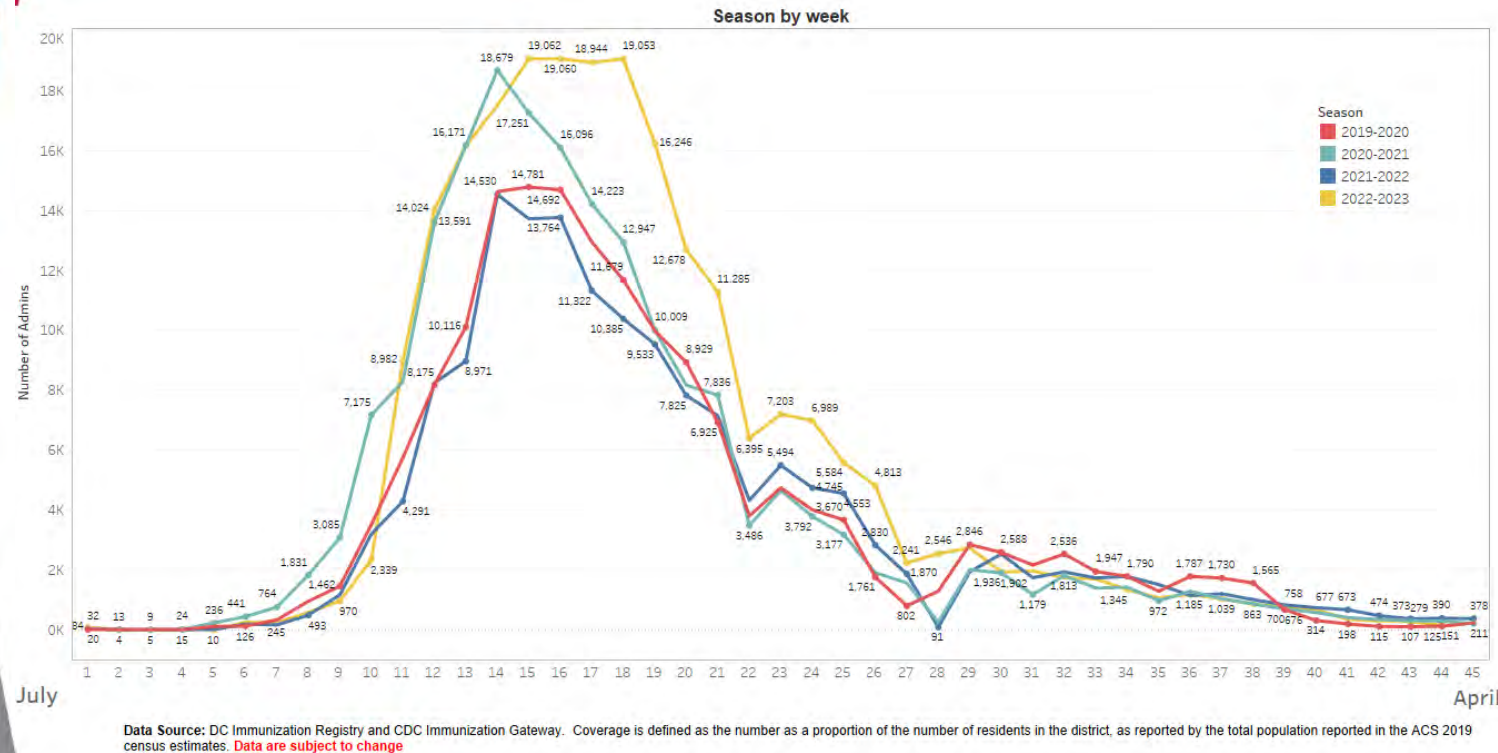
Ward level data may be lower than overall summary statistics, thus underestimating the true rate. Data excludes some residents who were vaccinated outside of the District or by a Federal Entity. In addition, Data may be incomplete due to missing or incomplete residential address information.

# Influenza (Season 2022-2023)

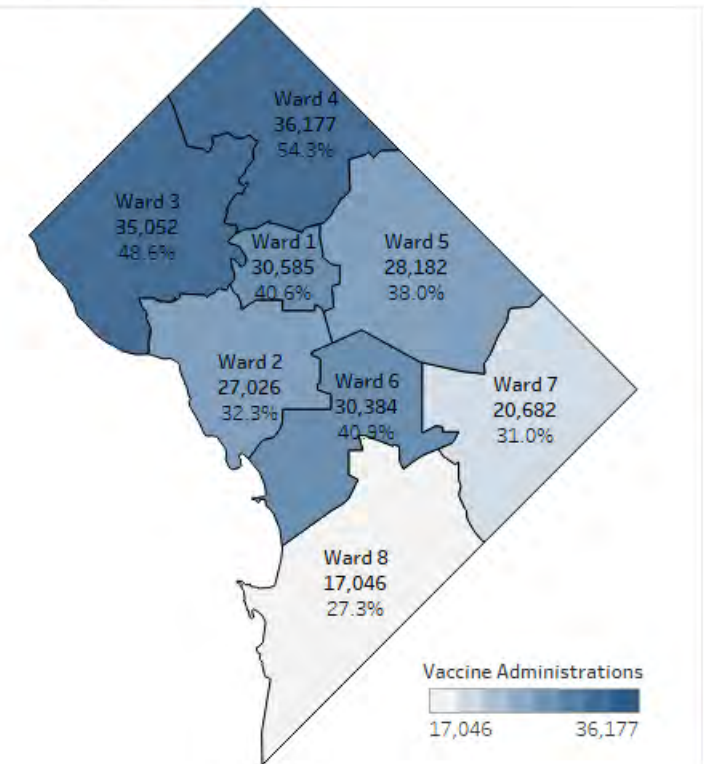


# Influenza Immunization Data

End of Flu Season 2022-23

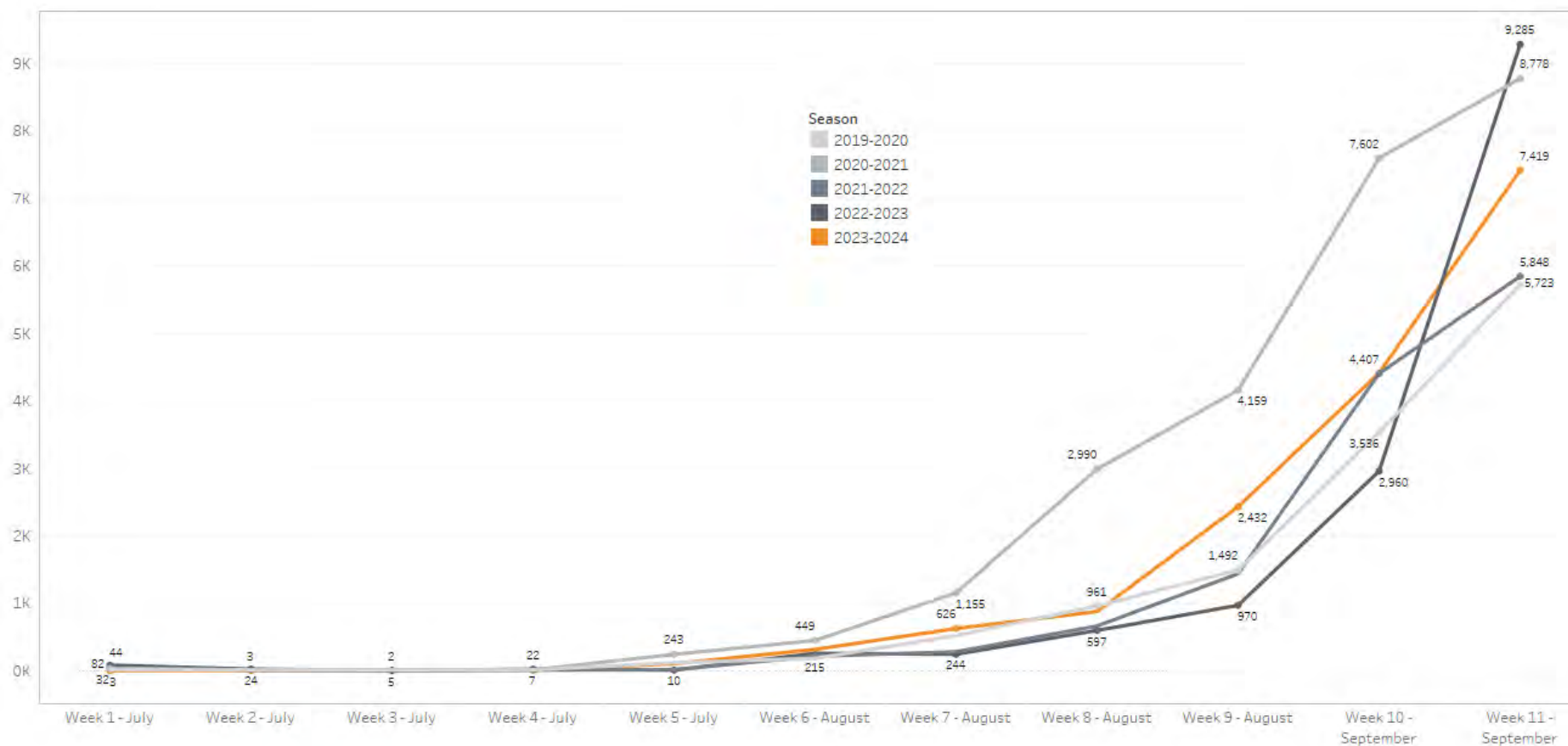


Ward Map



# Influenza

Administrations as of 9/16/2023



Data Source: DC Immunization Registry and CDC Immunization Gateway. Coverage is defined as the number as a proportion of the number of residents in the district, as reported by the total population reported in the ACS 2019 census estimates. Data are subject to change



# Key Metrics for Fall/Winter 2023-2024

- Influenza, COVID-19 and RSV-associated hospitalizations
- Proportion deaths from Influenza, COVID-19 and RSV
- COVID-19 and Influenza vaccination coverage
  - By focus population, statistical neighborhood, and social/structural indicators, when feasible
- DC hospital capacity

# Existing and Expanded Immunization Infrastructure

Existing Vaccine Infrastructure	Expanded Vaccine Infrastructure
<b>Vaccines for Children</b> <ul style="list-style-type: none"> <li>• 57 sites in the District</li> <li>• All ACIP recommended vaccines</li> </ul>	<b>Bridge Program</b> <ul style="list-style-type: none"> <li>• Federal program for COVID-19 vaccine for uninsured adults</li> </ul>
<b>317/Vaccines for Adults</b> <ul style="list-style-type: none"> <li>• 22 sites in the District</li> <li>• Limited allotment</li> </ul>	<b>Home Vaccination (Expanded Eligibility)</b> <ul style="list-style-type: none"> <li>• Difficulty leaving home</li> <li>• Medicaid or Alliance</li> <li>• Limited English Proficiency</li> </ul>
<b>Primary Care, Urgent Care, Hospitals</b>	<b>Vaccine Exchange</b> <ul style="list-style-type: none"> <li>• CBOs, schools, employers request an event staffed by vaccine providers around the District</li> </ul> <b>Tiered approach</b> <ul style="list-style-type: none"> <li>• &lt; 25 (Home Vax)</li> <li>• 25-49 (Grantees)</li> <li>• 50+ Commercial providers</li> </ul>
<b>Pharmacies</b>	<b>Under-vaccinated Populations Grants</b> <ul style="list-style-type: none"> <li>• Wards 5, 7, 8</li> <li>• Newly-arrived immigrants</li> <li>• Racial/ethnic minorities with low coverage</li> <li>• DCHA Housing facilities</li> <li>• 65 years and up</li> </ul>

# What You Need To Know About Fall and Winter Respiratory Illnesses

- Preventative Measures
  - Wash your hands
  - Mask in crowded areas
  - Stay home when sick
  - Get the vaccines recommended for you
- Use the Vaccine Exchange for Flu or COVID
  - DC Health connects community groups with vaccine providers at [request.vaccineexchange.dc.gov](https://request.vaccineexchange.dc.gov)
- Use our Home Vaccination Program
  - Residents can call 1-855-363-0333 if they are DC residents and have difficulty leaving their home, primarily communicate in languages other than English, or have insurance through Medicaid or the Healthcare Alliance
- COVID-19 tests, KN95 masks, and PPE supplies are available
  - DC Gov agencies and nonprofits can go through the Office of Contracts and Procurement ([ocp.dc.gov/page/federal-surplus-property-program](https://ocp.dc.gov/page/federal-surplus-property-program)) to request for free
  - Residents can purchase KN95 and COVID-19 tests at pharmacies and online
  - Starting 9/25, the Federal Government is offering free COVID-19 tests through [CovidTests.Gov](https://www.covidtests.gov)

# Questions?

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# DC | HEALTH

GOVERNMENT OF THE DISTRICT OF COLUMBIA

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