

A nighttime photograph of the San Diego skyline across the water. The city lights are reflected on the water's surface. In the foreground, a marina with many sailboats is visible. The sky is dark blue.

JUNE 4, 2024

# SDIC General Meeting

Greta Suydam, MPH || SDIC CoChair

Heidi DeGuzman, BSN || SDIC CoChair

Cynthia To, MPH, CHES || Community Health Program Specialist

Ashley McKay, MPH || Community Health Promotion Specialist



# Agenda

Formal Welcome and Announcements (10 min)	SDIC Co-Chairs:		12:30
	Greta Suydam, MPH Senior Key Account Manager Sanofi Pasteur	Heidi DeGuzman, BSN UCSD Program Director South Region PHC	
Medical Director Updates (10 min)	Mark Beatty, MD Epidemiology and Immunization Services Branch		12:40 – 12:50
Children and Adolescent Vaccinations for Childcare and Schools + VFC/VFA Updates (40 min)	Kelsey Florio, RN COVID-19 Vaccine Nurse Consultant California Department of Public Health Immunization Branch		12:50 – 1:30
2023-24 School Immunization Annual Reporting Results (30 min)	Lindsay McMurdo, MAS Community Health Program Specialist Epidemiology and Immunization Services Branch		1:30 – 2:00
BREAK	15 minutes		2:00 – 2:15
Vaccines for LGBTQ+ Community (30 min)	Julie Çelebi, MD, MS, FAAFP Associate Clinical Professor and Wellness Director for Graduate Medical Education and the Department of Family Medicine University of California, San Diego		2:15 – 2:45
CAIR (10 min)	Ryan Thun Local CAIR Representative California Department of Public Health, Immunizations Branch		2:45 – 2:55
San Diego Epidemiology IZ Data (10 min)	Sahar Nafez-Sabzwari, MPH Epidemiologist II Epidemiology and Immunization Services Branch		2:55 – 3:05
State Flu Update (15 min)	Araceli Montero, MPH State Influenza Vaccine Program Coordinator Epidemiology and Immunization Services Branch		3:05 – 3:20
Announcements (10 min)	Cynthia To, MPH, CHES Community Health Program Coordinator Epidemiology and Immunization Services Branch		3:20 – 3:30

# Mission

The mission of the San Diego Immunization Coalition is to increase immunization rates and improve the health of the residents of the San Diego County by raising awareness and providing education about vaccine-preventable diseases.



An aerial photograph of a coastal town built on a steep cliff overlooking the ocean. The town features numerous houses and buildings, with a prominent white building on the left. The ocean is visible with waves breaking against the shore. The sky is overcast with soft, grey clouds.

Medical Director:

**Mark Beatty, MD,**  
**MPH**



An aerial photograph of a coastal town built on a steep cliff overlooking the ocean. The town features numerous houses and buildings, with some visible on the cliff edge. The ocean is visible in the foreground with waves breaking. The sky is overcast with soft, grey clouds.

Guest Speaker:

**Kelsey Florio, RN**

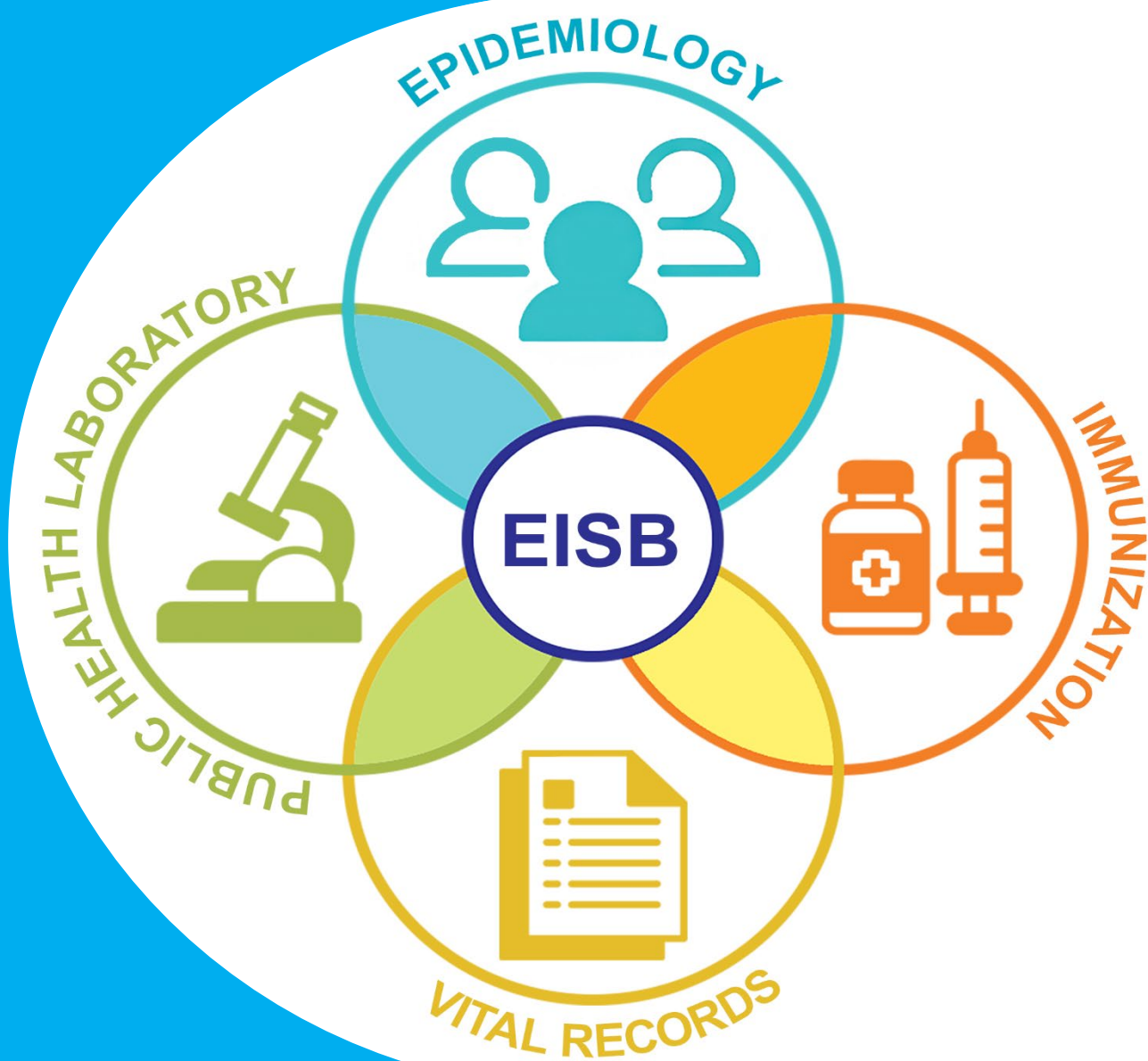


An aerial photograph of a coastal town built on a steep cliff overlooking the ocean. The town features numerous houses and buildings, with some visible on the cliff edge. The ocean is visible in the foreground with waves breaking. The sky is overcast with soft, grey clouds.

Guest Speaker:

Lindsay McMurdo,  
MAS





# 2023-2024 SCHOOL IMMUNIZATION ANNUAL REPORTING RESULTS

Final Report 2014-2024

**Lindsay McMurdo, MAS**  
Community Health Program Specialist

Epidemiology & Immunization Services Branch  
Public Health Services  
June 4, 2024





# Agenda

- **BACKGROUND**

- Purpose
- Glossary
- Overview of Immunization Laws
- Immunization Requirements
- Immunization Reporting

- **METHODS**

- **RESULTS**

- Immunization Coverage Executive Summary 2023-2024
- Childcare Immunization Coverage Over Time 2014-2024
- Kindergarten Immunization Coverage Over Time 2014-2024
- 7<sup>th</sup> grade Immunization Coverage Over Time 2014-2024

- **RECOMMENDATIONS AND NEXT STEPS**



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# BACKGROUND





# Purpose of Presentation

- To summarize and share the findings of the 2023-2024 annual reporting cycle and trends in immunization coverage in San Diego County over time from 2014-2024
- Provide informed recommendations and suggestions to improve processes for future annual reporting cycle and continued compliance with California state immunization law.



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# Glossary

## KEY DEFINITIONS

- **Head Start:** Federally funded pre-kindergarten program that supports children from birth to age 5 through services that include early learning and development.
- **Transitional Kindergarten (TK):** Is the first year of a two-year kindergarten program. Transitional Kindergarten students are reported along with kindergarten students for the purposes of annual reporting.



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# Glossary

## KEY DEFINITIONS

- **Individualized Education Program (IEP):** A document that outlines the special education services and supports that a student with special needs will receive. Documents are unique to each child. Students with IEPs are not required to be up to date with required immunizations, but schools must maintain a copy of the student's blue card.
- **Independent Study:** An alternative to classroom-based instruction for students. This type of instruction is available to pupils from TK through high school.



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# Glossary

## KEY ACRONYMS

- **CDPH:** California Department of Public Health
- **COSD:** County of San Diego
- **IEP:** Individualized Education Plan
- **IZ:** Immunization
- **OLRI:** Other Lacking Required Immunizations
- **PME:** Permanent Medical Exemption
- **TME:** Temporary Medical exemption
- **UTD:** Up-To-Date



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# Glossary

## IMMUNIZATION ABBREVIATIONS

- **DTaP:** Diphtheria toxoid, tetanus toxoid, and acellular pertussis vaccine
- **Tdap:** Tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine
- **MMR:** Measles, mumps, and rubella vaccine
- **Hib:** *Haemophilus influenzae*, type b vaccine
- **Hep B:** Hepatitis B vaccine
- **Var:** Varicella vaccine, also known as chicken pox vaccine



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# Overview of Immunization Laws

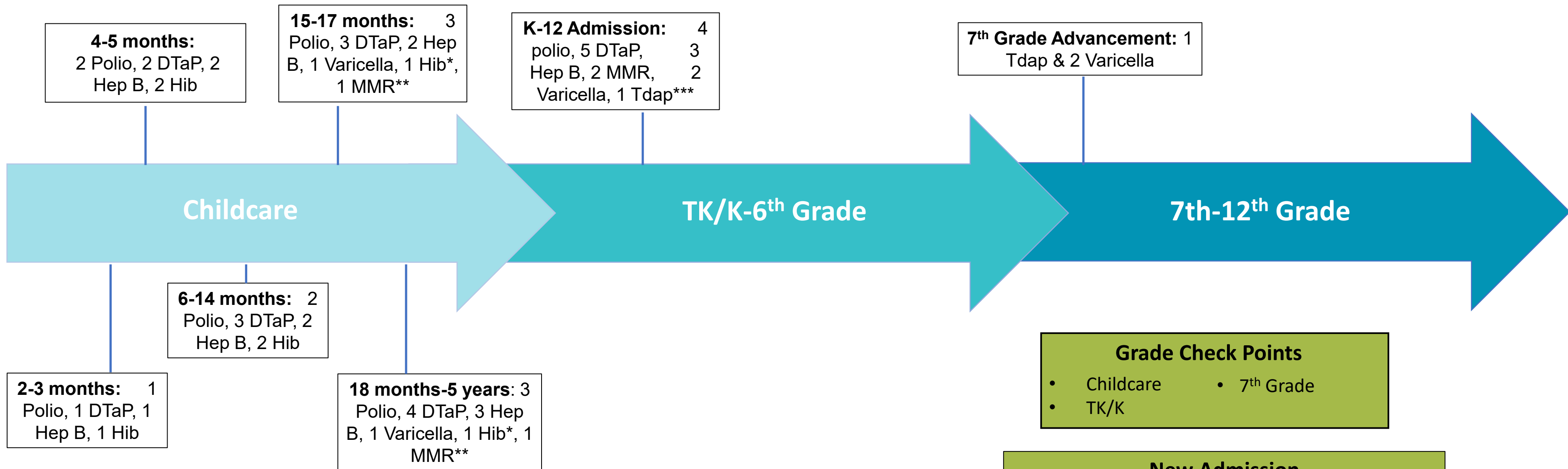
## CALIFORNIA IMMUNIZATION LAW

- [California Health and Safety Code, Section 120325-120375](#)
  - Children in California are required to receive certain immunizations to attend public or private schools and childcare facilities.
  - Schools and childcare facilities are required to enforce these requirements, maintain record, and submit reports.
  - Children in homeschool, independent study programs, or those with an IEP do not have to meet immunization requirements, but schools must maintain immunization records and report immunization status.
- [California Code of Regulations Title 17 Division 1, Chapter 4, Subchapter 8](#)
  - Regulations specifying California School Immunizations.



# Immunization Requirements

## DOSES REQUIRED BY AGE WHEN ENROLLED & AT EACH CHECKPOINT AFTER ENTRY



\*One Hib dose must be given on or after the 1st birthday regardless of previous doses. Required only for children younger than 5 years old

\*\*Must be given on or after 1<sup>st</sup> birthday

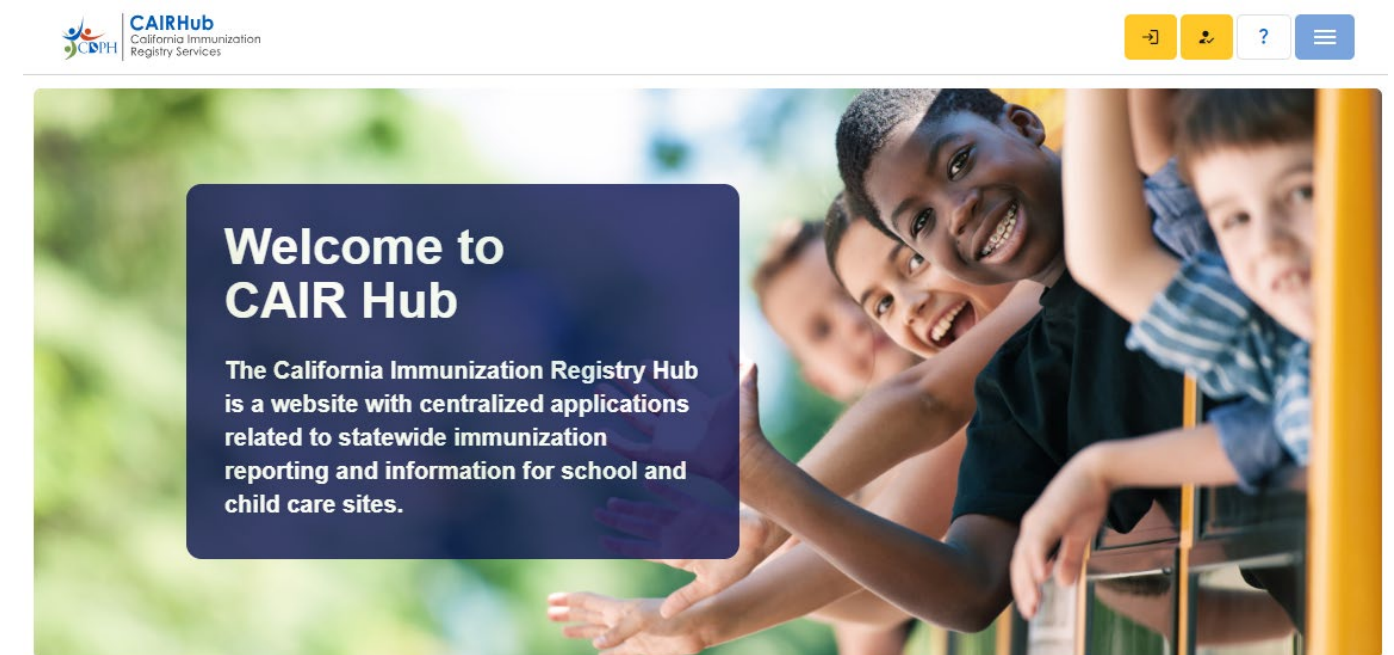
\*\*\*For 7th-12th graders, at least one dose of pertussis containing vaccine is required on or after the 7th birthday.



# Immunization Reporting

## OVERVIEW

- All California Schools and Childcare facilities are required to assess and annually report the immunization status of their enrollees.
- Reports were submitted for childcare, TK/Kindergarten and 7<sup>th</sup> grade.
  - Schools and childcares review the child's Blue Card on file and tally the child's reporting status.
  - Reports were submitted through the new reporting website on the CAIR Hub.



# Immunization Reporting

## UNCONDITIONAL

### Definition:

Child met all state immunization requirements to attend school.

## CONDITIONAL

### Definition:

The child has all the vaccines that s/he/they can get, but the next doses are due again soon.

## OVERDUE

### Definition:

The child does not have the required doses or is past the conditional window period.





# METHODS



# Methods Overview

## PURPOSE OF THIS ANALYSIS WAS TO DETERMINE:

- Reporting Year Results for 2023-2024
  - Coverage rate of required vaccinations
  - Rate of vaccine exemptions
- Historical Comparison for 2014-2024
  - Coverage rate of required vaccinations
  - Rate of vaccine exemptions





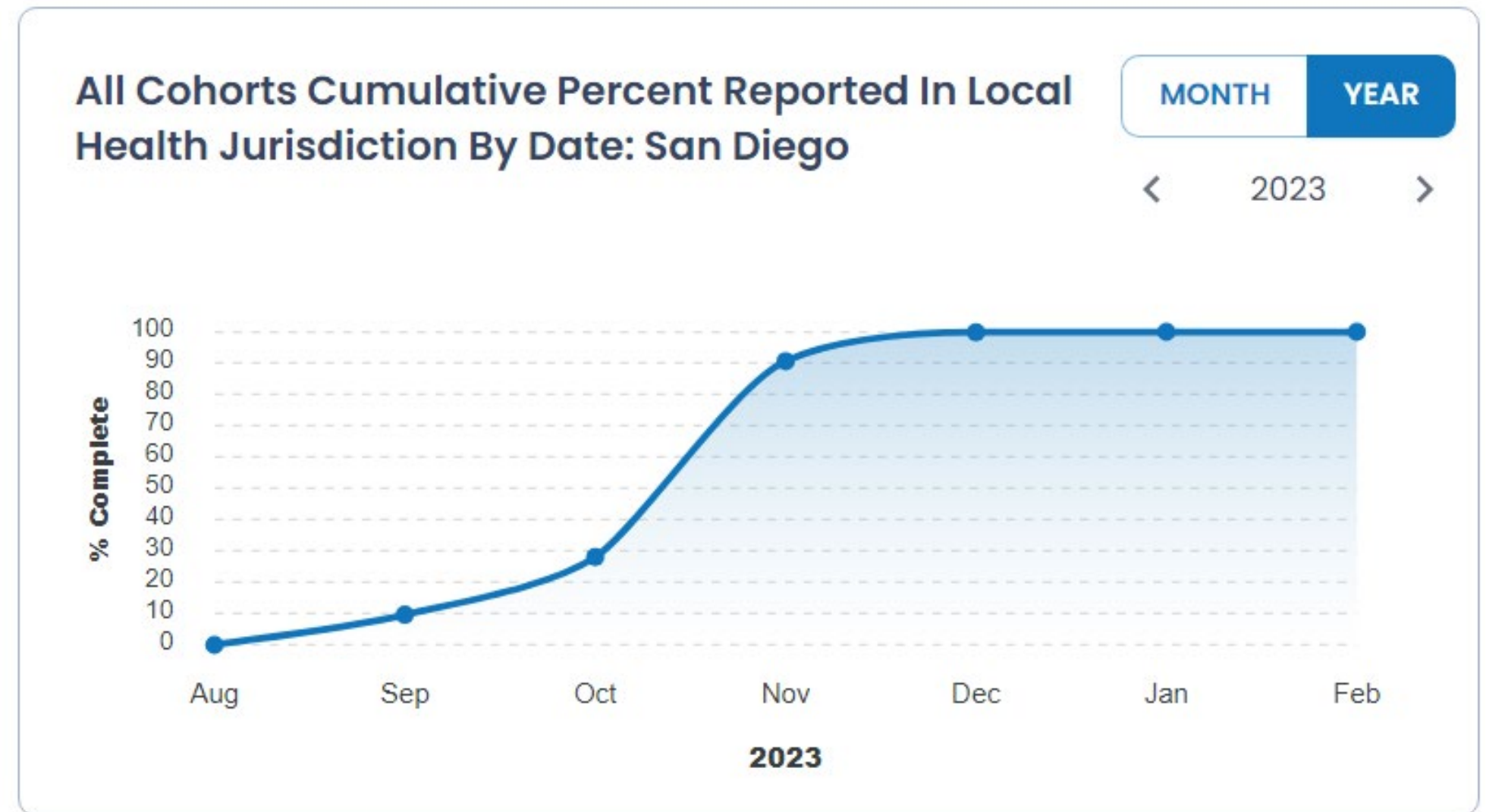
# Methods Overview

## DATA COLLECTION

- Eligible San Diego County schools and childcares self reported the immunization status of their enrollees on the CAIR Hub.
- Reports submitted to CAIR Hub for each grade were aggregated into single, downloadable .xlsx data within the CAIR Hub platform.

## DATA ANALYSIS

- Data was analyzed using SAS version 9.4
- Coverage and status variables were computed for each vaccine/status for each grade level using equations provided by CPDH and weighted by school enrollment.



# RESULTS





# Immunization Reporting

## Immunization Coverage Summary 2023-2024 Executive Summary



# Childcare & Tk/K-12 2023-2024 Executive Summary

## OVERVIEW

1. Total students enrolled
2. Number of reports submitted
3. Percent of childcares and schools with TK/K with >10% conditional or overdue students
4. Number of students with conditional or overdue status at childcares and TK/K
5. Percent of schools with 7<sup>th</sup> grade with >10% Tdap or Varicella conditional or overdue students
6. Number of students in 7<sup>th</sup> grade conditional or overdue for Tdap or varicella
7. Percent of PMEs by grade level
8. Childcare vaccination coverage
9. Childcare vaccination coverage by facility type
10. Kindergarten vaccination coverage
11. Kindergarten vaccination coverage by facility type
12. 7<sup>th</sup> grade vaccination coverage
13. 7<sup>th</sup> grade vaccination coverage by facility type





# Childcare & TK/K-12

# 2023-2024 Executive Summary

1

## NUMBER OF STUDENTS ENROLLED BY GRADE LEVEL IN SAN DIEGO COUNTY DURING THE 2023-2024 SCHOOL YEAR

Grade Level	Number of Students
Childcare	37,935
TK/Kindergarten	48,838
7 <sup>th</sup> Grade	39,288



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Data Source: 2023-2024 CAIR Hub Immunization Reporting Portal.

# Childcare & TK/K-12

## 2023-2024 Executive Summary

2

### NUMBER OF REPORTS SUBMITTED BY GRADE LEVEL DURING 2023-2024 ANNUAL REPORTING

Grade Level	Total Number of Sites	Percent Reported
Childcare	912	100%
TK/Kindergarten	690	100%
7 <sup>th</sup> Grade	454	100%



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*Data Source: 2023-2024 CAIR Hub Immunization Reporting Portal.*



# Childcare & TK/K-12

## 2023-2024 Executive Summary

3

PERCENT OF CHILDCARES AND SCHOOLS WITH TK/KINDERGARTEN AND 7<sup>TH</sup> GRADE WITH >10% CONDITIONAL AND OVERDUE STUDENTS

Grade Level	Total Number of Sites	Total Number of Sites with Enrollees	Number of sites with >10% conditional & overdue students	Percent of sites with >10% conditional & overdue students
Childcare	912	800	46	5.7%
TK/Kindergarten	690	631	21	3.3%
7 <sup>th</sup> Grade-Varicella	454	385	5	1.3%
7 <sup>th</sup> Grade-Tdap	454	385	15	3.9%



# Childcare & TK/K-12

## 2023-2024 Executive Summary

4

NUMBER OF STUDENTS IN CHILDCARE AND TK/KINDERGARTEN WITH  
CONDITIONAL AND OVERDUE STATUS

Grade Level	Number of Students	Number of Conditional Students without TME	Number of Conditional students with TME	Percent conditional	Number of students overdue	Percent Overdue
Childcare	37,935	422	42	1.2%	370	1.0%
TK/Kindergarten	48,838	901	27	1.9%	255	0.5%

Data Source: 2023-2024 CAIR Hub Immunization Reporting Portal.





# Childcare & TK/K-12

## 2023-2024 Executive Summary

5

NUMBER OF STUDENTS IN 7<sup>TH</sup> GRADE WITH TDAP CONDITIONAL AND OVERDUE STATUS

Grade Level	Number of Students	Number of Students with Tdap TME	Percent conditional	Number of students with Tdap Overdue	Percent Overdue
7 <sup>th</sup> grade	39,288	8	0.0002%	286	0.7%



# Childcare & TK/K-12

## 2023-2024 Executive Summary

6

NUMBER OF STUDENTS IN 7<sup>TH</sup> GRADE WITH VARICELLA CONDITIONAL AND OVERDUE STATUS

Grade Level	Number of Students	Number of Students conditional for varicella w/o TME	Number of students conditional for varicella w/TME	Percent of students conditional for varicella	Number of students overdue for varicella	Percent of students overdue for varicella
7 <sup>th</sup> grade	39,288	107	8	0.3%	130	0.3%





# Childcare & TK/K-12

# 2023-2024 Executive Summary

7

## PERCENT OF PMES BY GRADE LEVEL

Grade Level	Number of Students	Number of PMEs	PME (%)	Tdap PME (%)	Varicella PME (%)
Childcare	37,935	22	0.1%	—	—
TK/Kindergarten	48,838	45	0.1%	—	—
7 <sup>th</sup> Grade	39,288	78 Varicella PMEs 25 Tdap PMEs	—	0.1%	0.3%

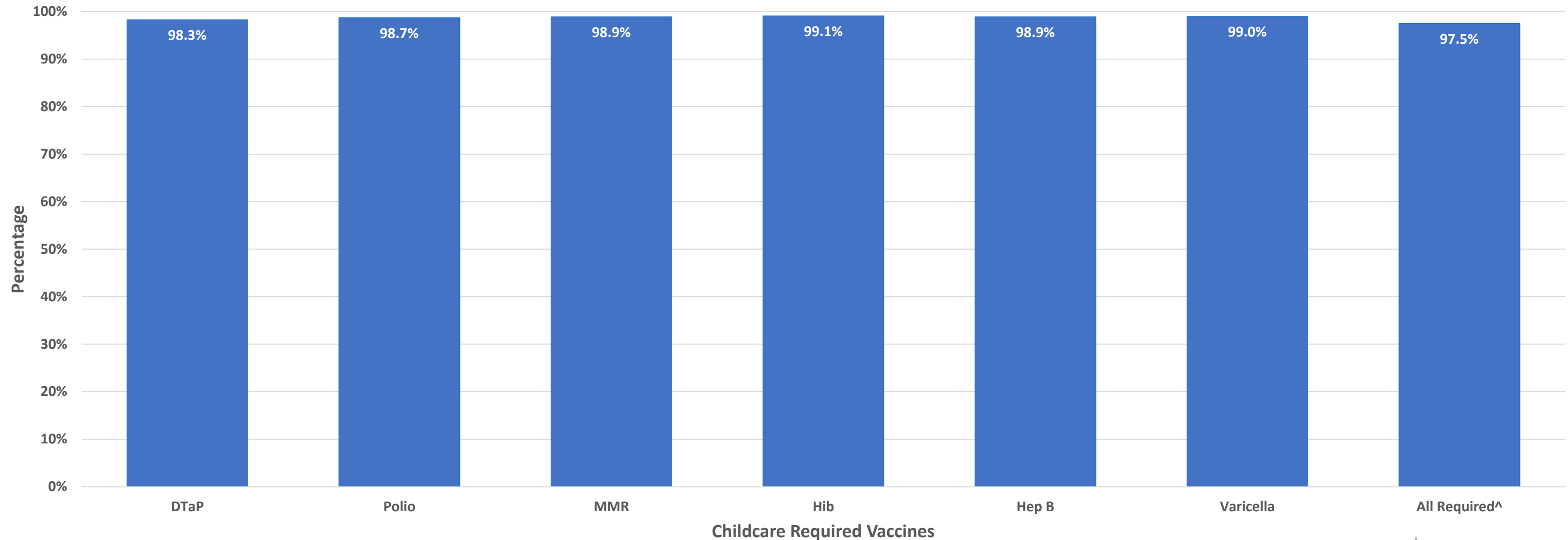
Data Source: 2023-2024 CAIR Hub Immunization Reporting Portal.



# Childcare 2023-2024 Executive Summary

8

Percent of Students with UTD\* Immunization Coverage at Childcares in San Diego County (n=41,905)

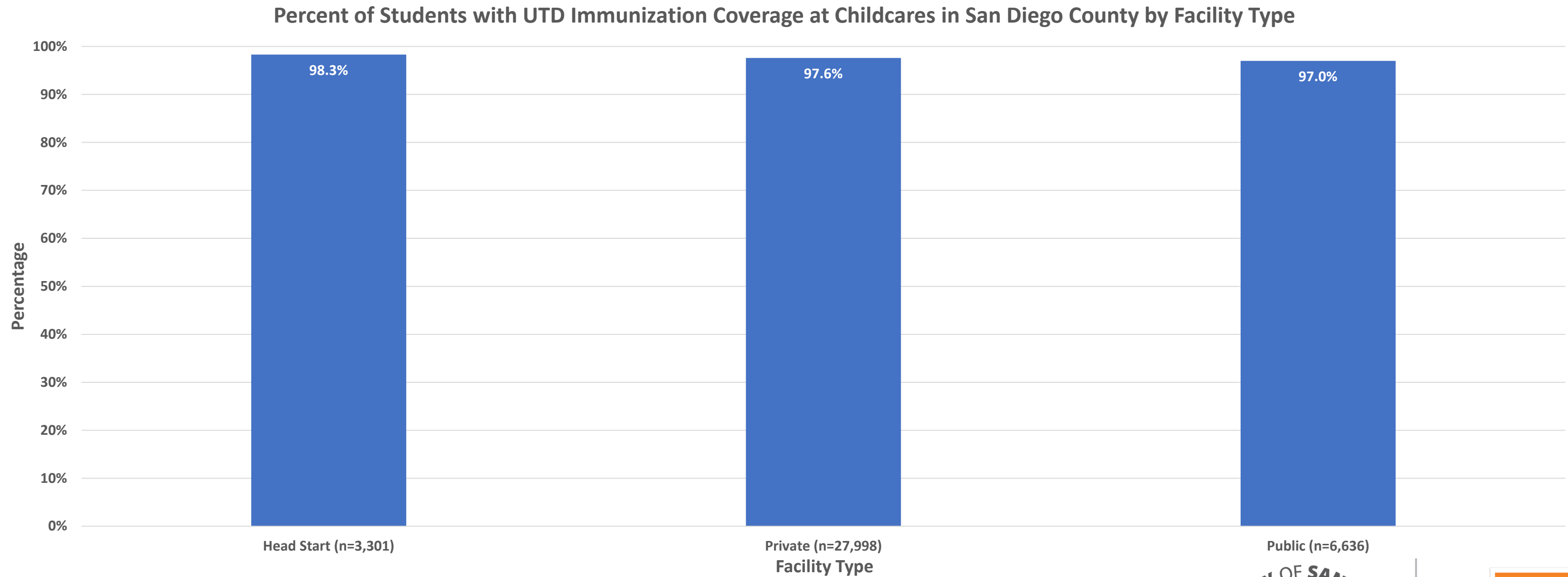


*\*UTD means that at ages 18 months-5 years, children should have 3 Polio, 4 DTaP, 3 Hep B, 1 Varicella, 1 HIB, and 1 MMR total.*  
*^All required is not an average percent of the number of students UTD with required vaccines, it is the percent of students who have all required vaccines.*



# Childcare 2023-2024 Executive Summary

9



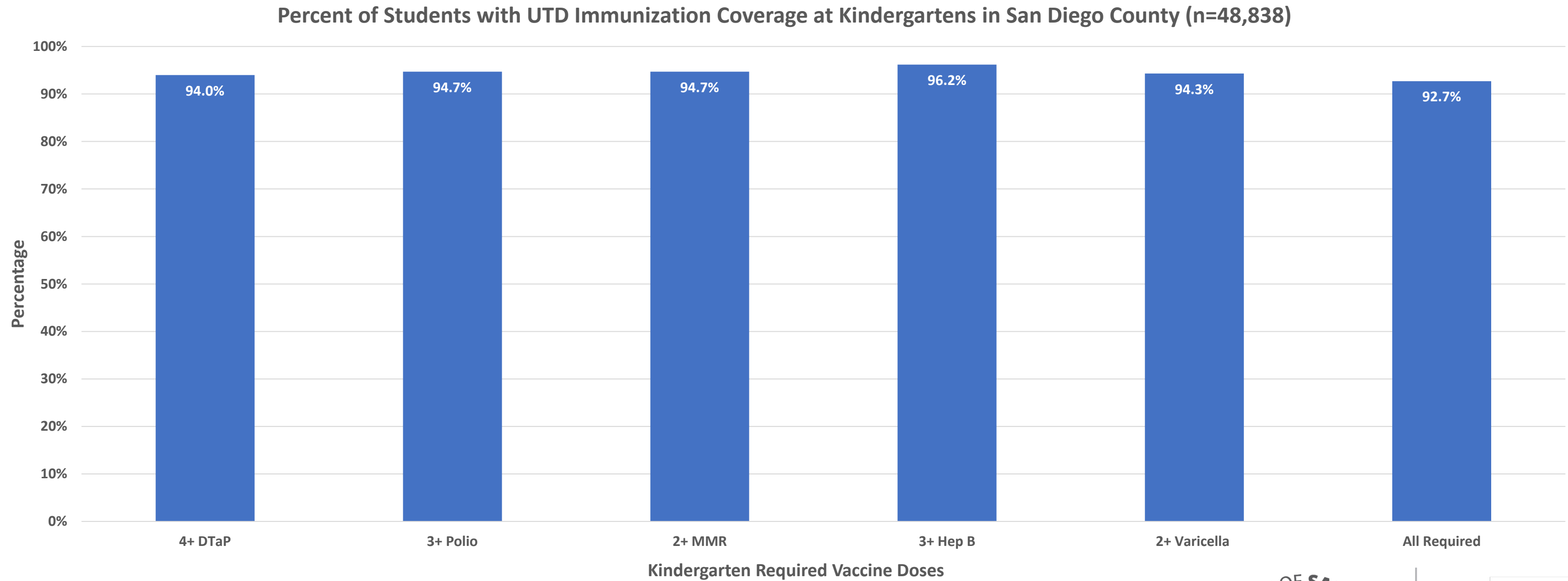
LIVE WELL  
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**Data Source:** 2023-2024 CAIR Hub Immunization Reporting Portal.



# TK/Kindergarten 2023-2024 Executive Summary

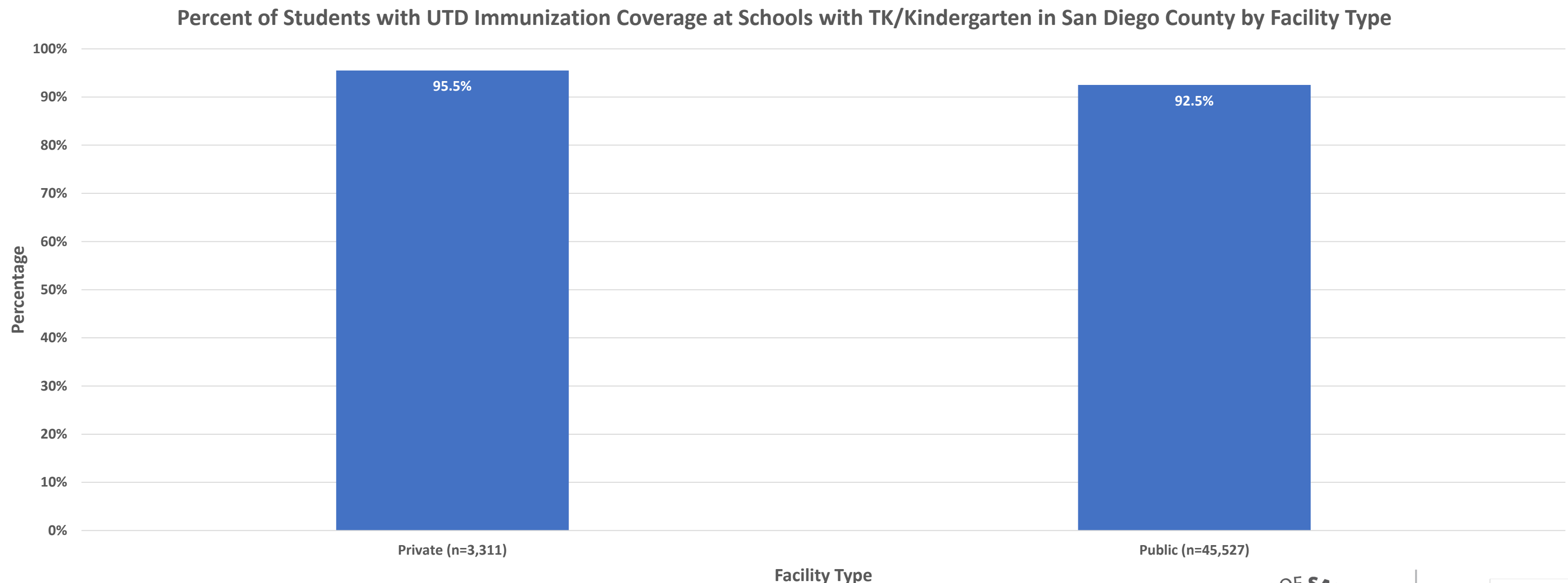
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Data Source: 2023-2024 CAIR Hub Immunization Reporting Portal.

# TK/Kindergarten 2023-2024 Executive Summary

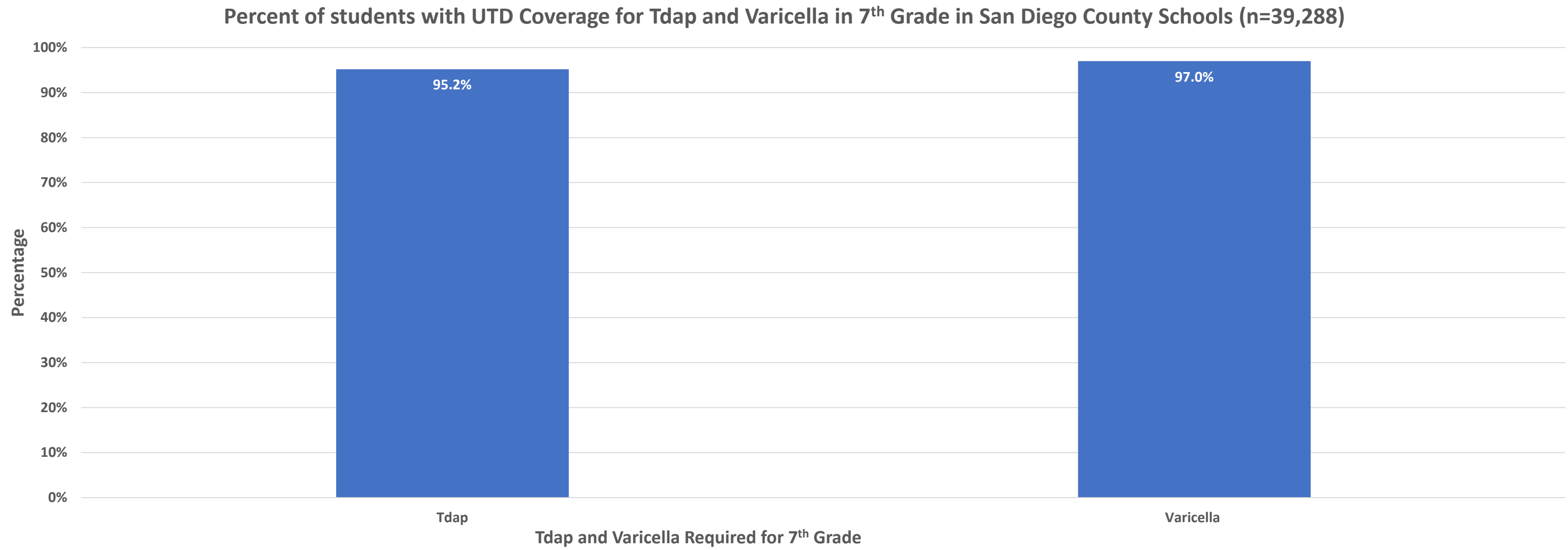
11



Data Source: 2023-2024 CAIR Hub Immunization Reporting Portal.

# 7<sup>th</sup> Grade 2023-2024 Executive Summary

12



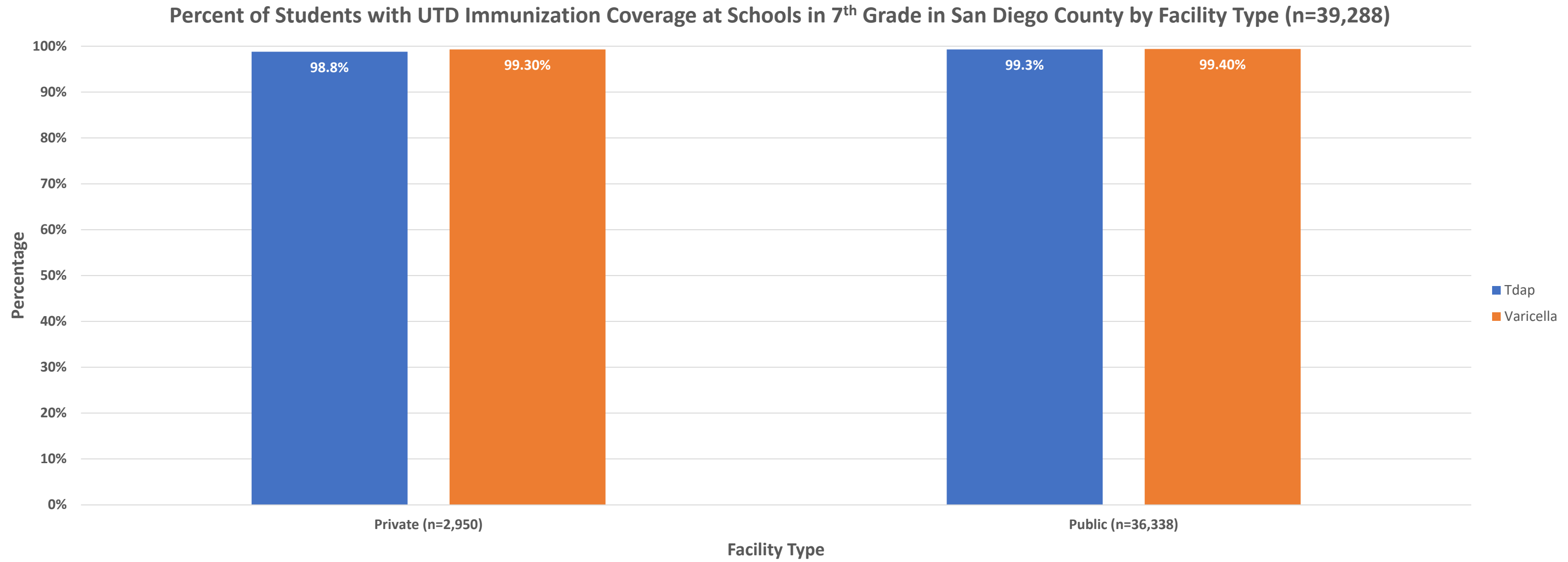
**Data Source:** 2023-2024 CAIR Hub Immunization Reporting Portal.





# 7<sup>th</sup> Grade 2023-2024 Executive Summary

13



**Data Source:** 2023-2024 CAIR Hub Immunization Reporting Portal.



# Immunization Reporting

## Immunization Coverage Summary 2014-2024 Childcare



# Immunization Coverage Over Time

## OVERVIEW

1. Vaccination coverage
2. Vaccination coverage in San Diego County compared to the State of California
3. Percent of students with conditional and overdue status
4. Percent of students with PMEs and OLRIs

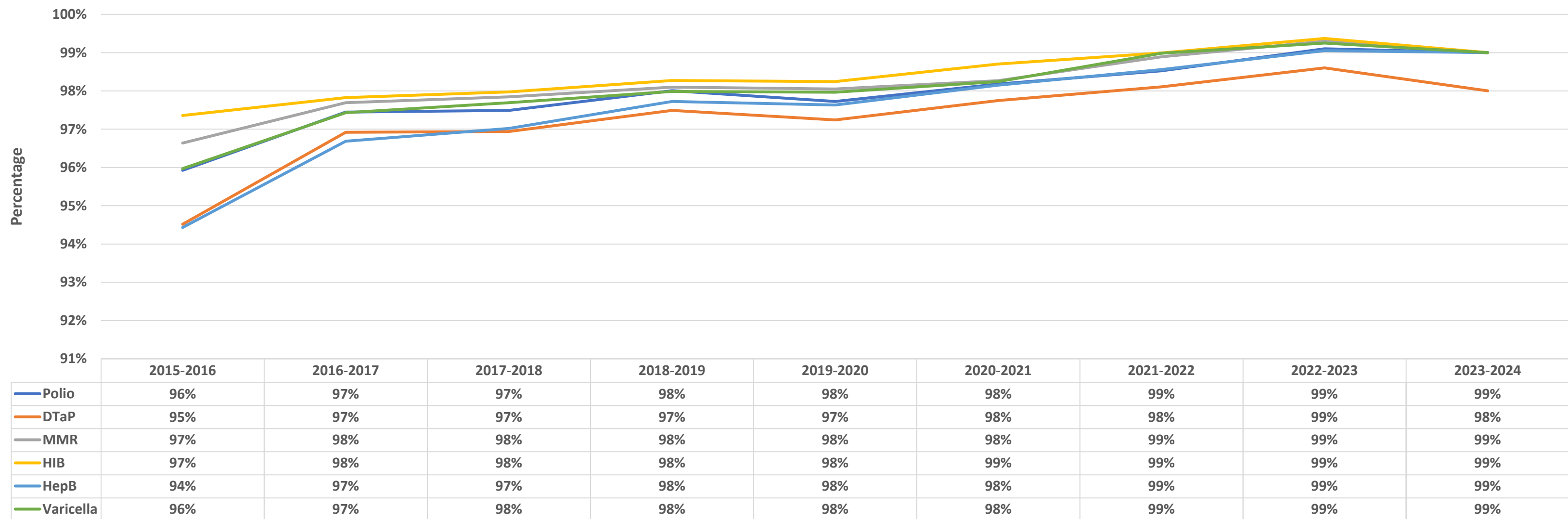




# 2014-2024 Childcare Immunization Coverage Over Time

1

Percent of Vaccination Coverage at Childcares in San Diego County by School Year



Data Source: Shots for School and CAIR Hub Reporting Portal.

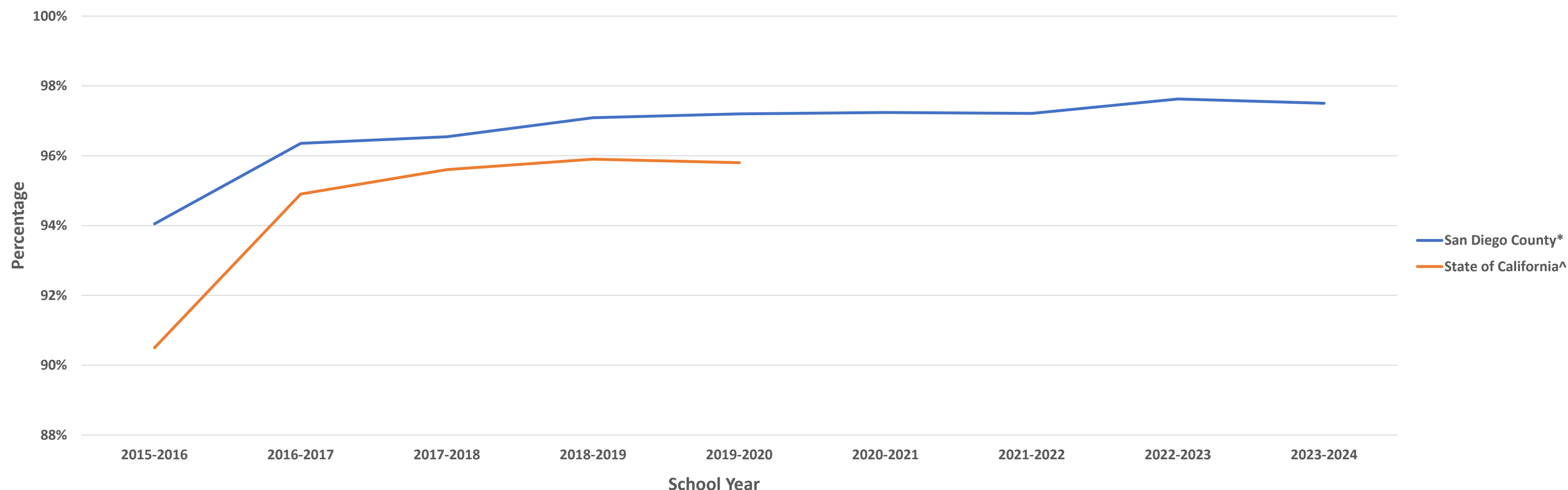


LIVE WELL  
SAN DIEGO

# 2014-2024 Childcare Immunization Coverage Over Time

2

Percent of students with UTD Immunization Coverage at Childcares in San Diego County Compared to the State of California by School Year



\*San Diego County mean UTD coverage estimates are weighted by school enrollment. UTD is the # of students with all required vaccines, PME, and IEP, divided by enrollment. Ratios are multiplied by 100 to determine percentages.

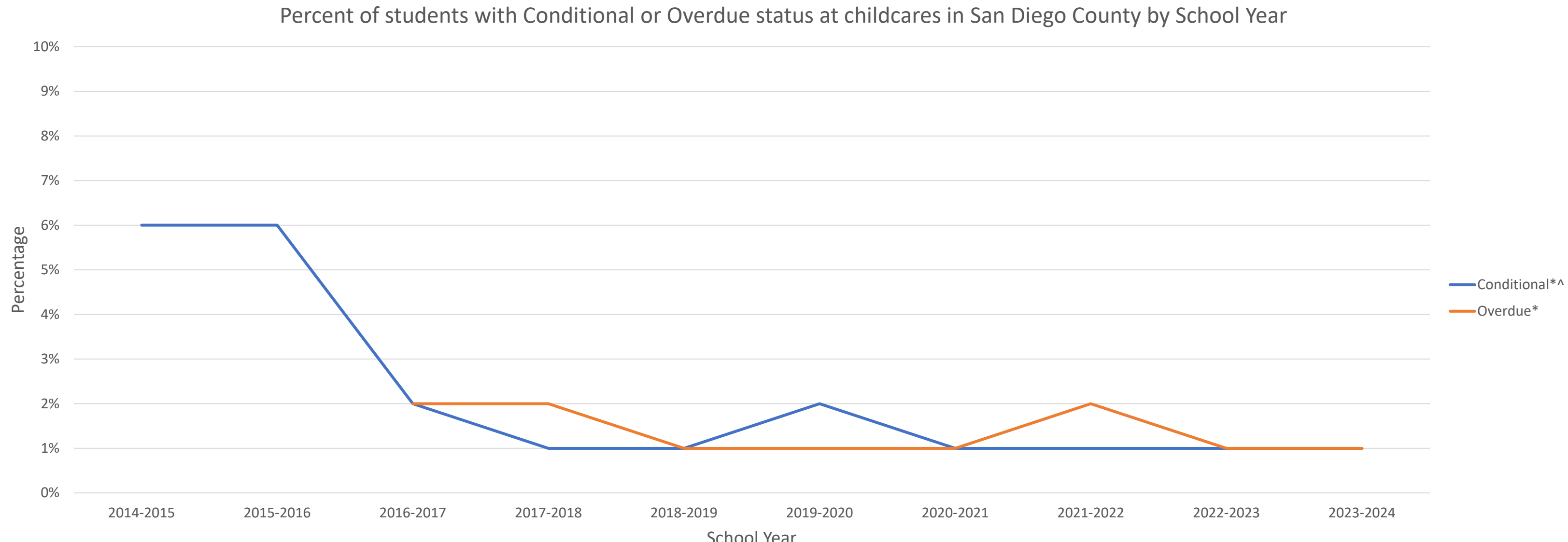
^California estimates represent the average mean of UTD students across all counties in California. Data is pre-analyzed by CDPH. Data from CDPH not yet public for 2020 on.

**Data Source:** Shots for School and CAIR Hub Reporting Portal.



# 2014-2024 Childcare Immunization Coverage Over Time

3



*\*San Diego County conditional overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statues with or without a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment. Each ratio was multiplied by 100 to determine a percentage.*

*^ With the passing of Senate Bill 277 as of January 1, 2016, personal beliefs exemptions cannot be submitted to exempt a student from a state required vaccine*

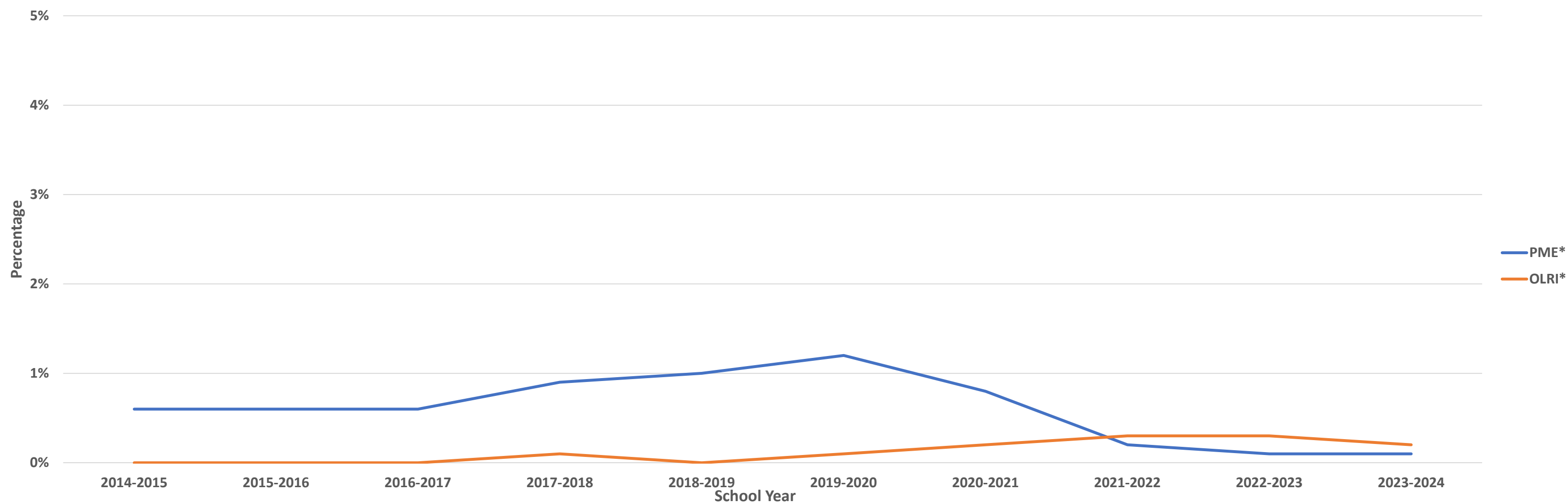


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# 2014-2024 Childcare Immunization Coverage Over Time

4

Percent of Students with PME and OLRI Status at Childcares Across San Diego County by School Year



*\*San Diego County PME and OLRI estimates are weighted by school enrollment. PME is the # of students with a PME on file, divided by total enrollment. OLRI is equal to the number of students with an IEP divided by total enrollment. Each ratio was multiplied by 100 to determine a percentage.*



**Data Source:** Shots for School and CAIR Hub Reporting Portal.



# Immunization Reporting

## Immunization Coverage Summary 2014-2024 TK/Kindergarten



# 2014-2024 Kindergarten Immunization Coverage Over Time

## OVERVIEW

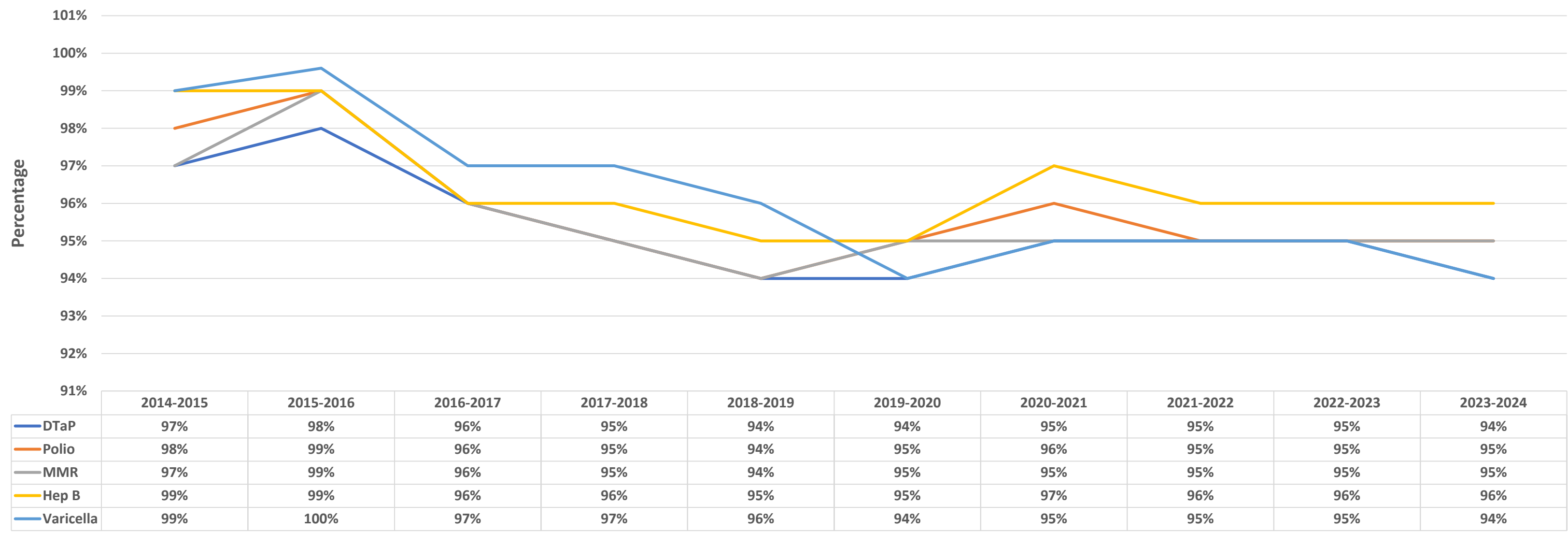
1. Vaccination coverage
2. Vaccination coverage in San Diego County compared to the State of California
3. Percent of students with conditional and overdue status
4. Percent of students with PME and OLRIs



# 2014-2024 Kindergarten Immunization Coverage Over Time

1

Percent of Vaccination Coverage at Kindergartens in San Diego County by School Year

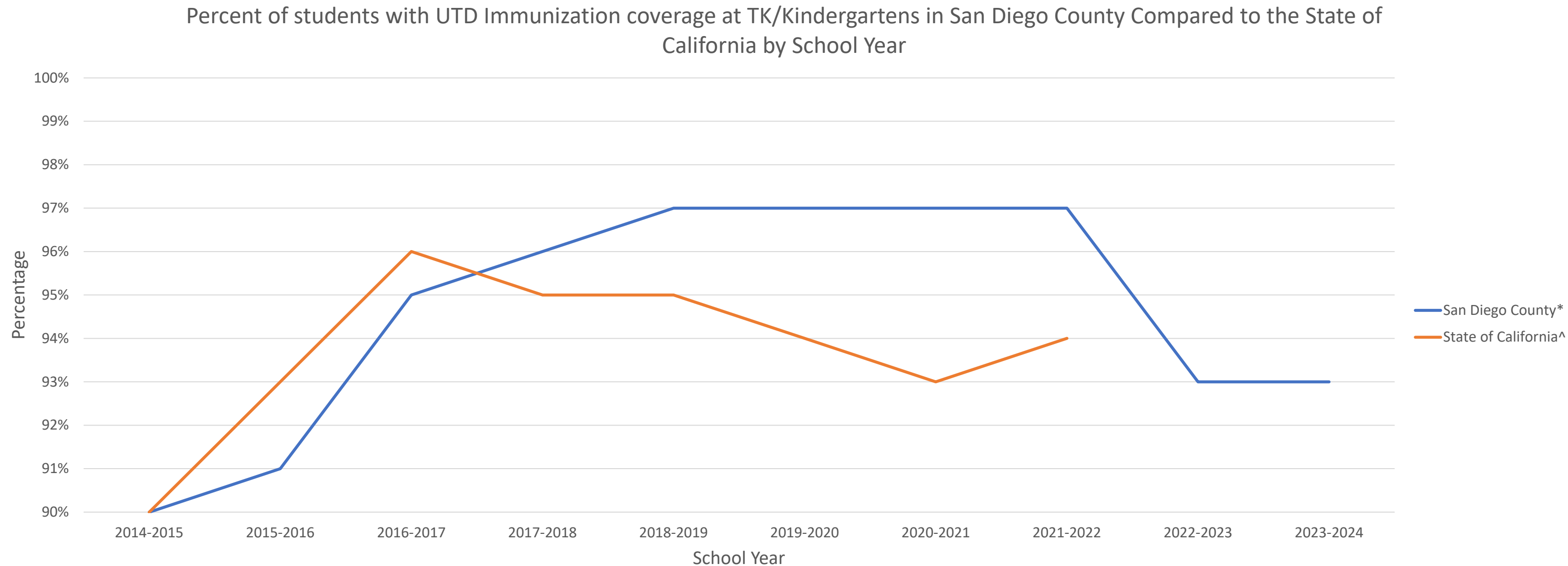


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SAN DIEGO

**Data Source:** Shots for School and CAIR Hub Reporting Portal.

# 2014-2024 Kindergarten Immunization Coverage Over Time

2



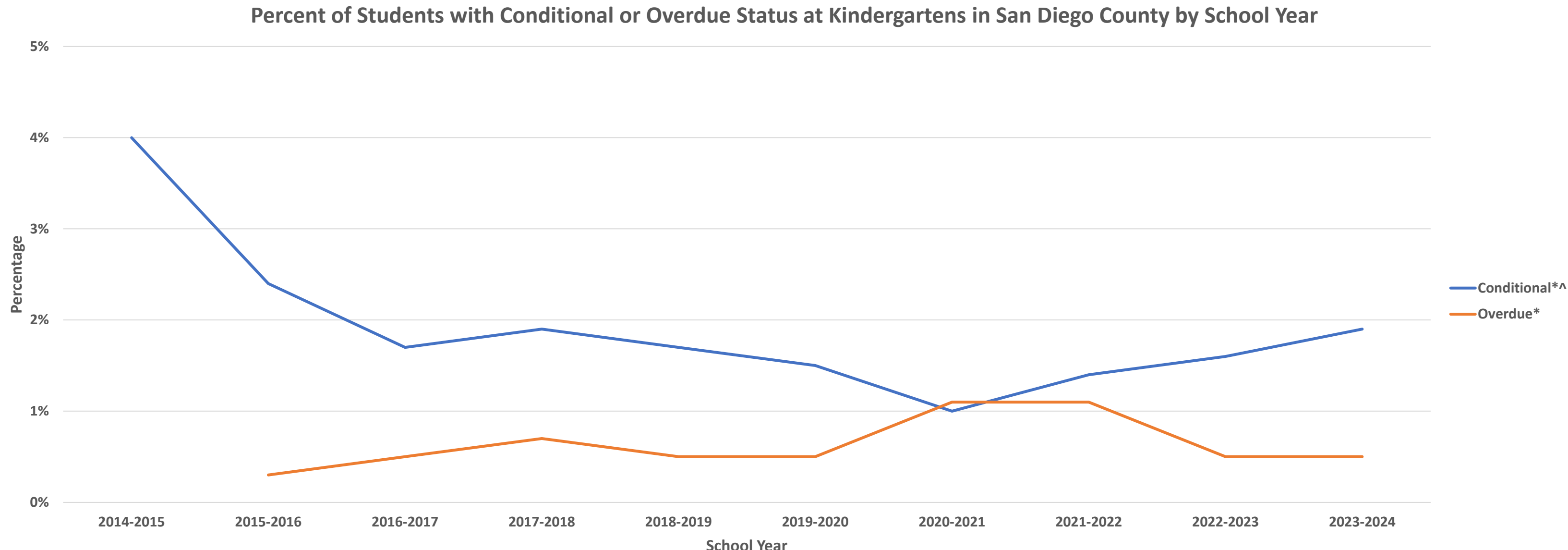
*\*San Diego County mean UTD coverage estimates are weighted by school enrollment. UTD is the # of students with all required vaccines, PME, and IEP, divided by enrollment. Ratios are multiplied by 100 to determine percentages.*  
*^California estimates represent the average mean of UTD students across all counties in California. Data is pre-analyzed by CDPH. Data from CDPH not yet public for 2022 on.*





# 2014-2024 Kindergarten Immunization Coverage Over Time

3



*\*San Diego County conditional and overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with or without a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment. Each ratio was multiplied by 100 to determine a percentage.*

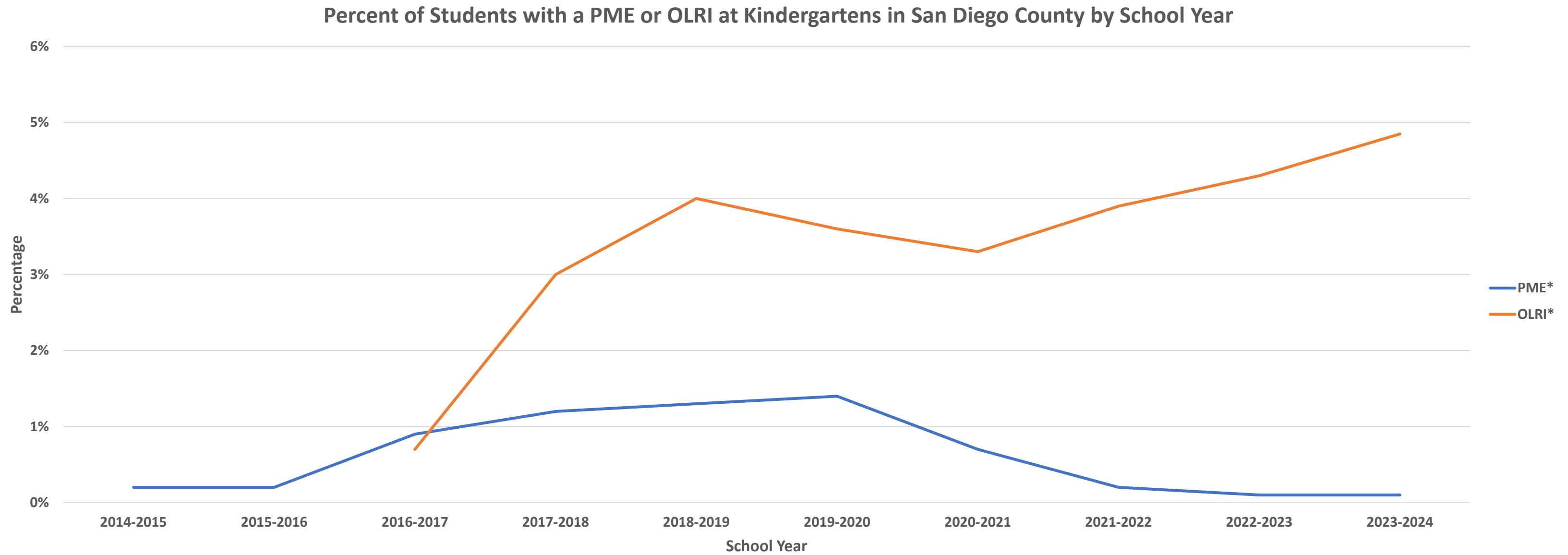
*^ With the passing of Senate Bill 277 as of January 1, 2016, personal beliefs exemptions cannot be submitted to exempt a student from a state required vaccine*

**Data Source:** Shots for School and CAIR Hub Reporting Portal.



# 2014-2024 Kindergarten Immunization Coverage Over Time

4



*\* San Diego County PMEs and OLRI's are weighted by enrollment. PME is the # of students with a PME on file, divided by total enrollment. OLRI is equal to the number of students with an IEP, Independent study, or homebased study divided by total enrollment. Each ratio was multiplied by 100 to determine a percentage.*

**Data Source:** Shots for School and CAIR Hub Reporting Portal.



# Immunization Reporting

## Immunization Coverage Summary 2014-2024 7<sup>th</sup> Grade



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2014-2024 7<sup>th</sup> Grade

# Immunization Coverage Over Time

## OVERVIEW

1. Tdap and Varicella vaccination coverage
2. Vaccination coverage in San Diego County compared to the State of California
3. Percent of students with conditional or overdue for Tdap
4. Percent of students conditional or overdue for Varicella
5. Percent of students with PMEs and OLRI for Tdap
6. Percent of students with PMEs or OLRI for Varicella

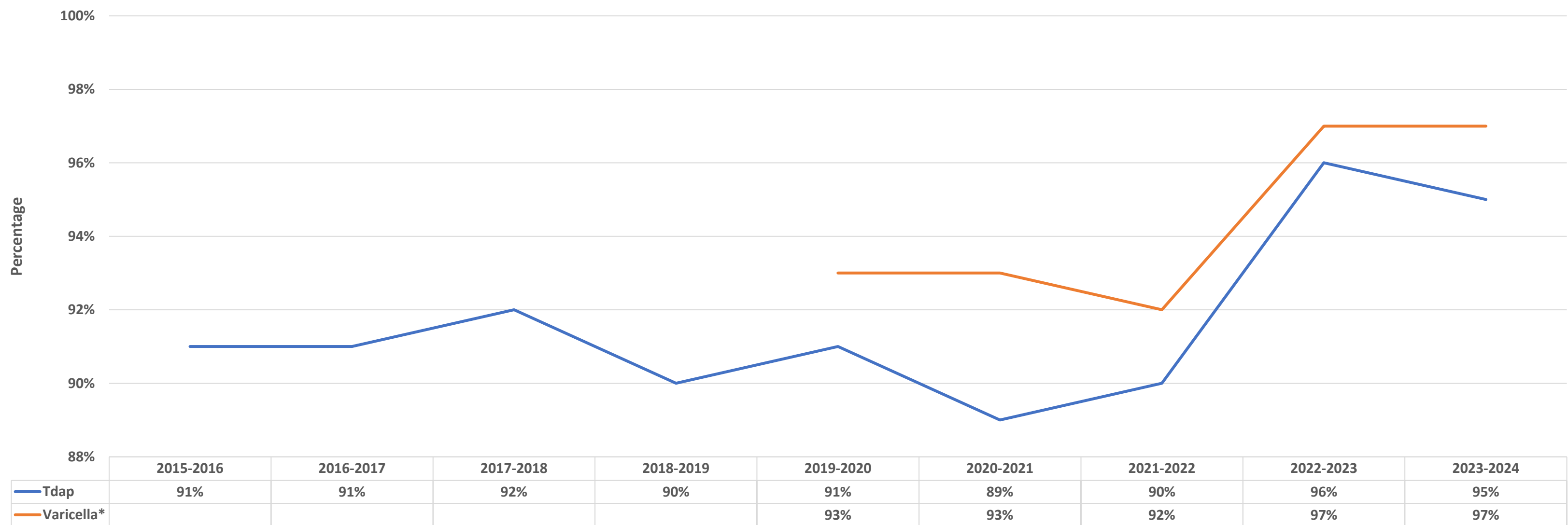




# 2014-2024 7<sup>th</sup> Grade Immunization Coverage Over Time

1

Percent of Tdap and Varicella Vaccination Coverage at Schools with 7th Grade in San Diego County by School Year



\*Varicella vaccination information began being captured in 2019-2020 reporting cycle.



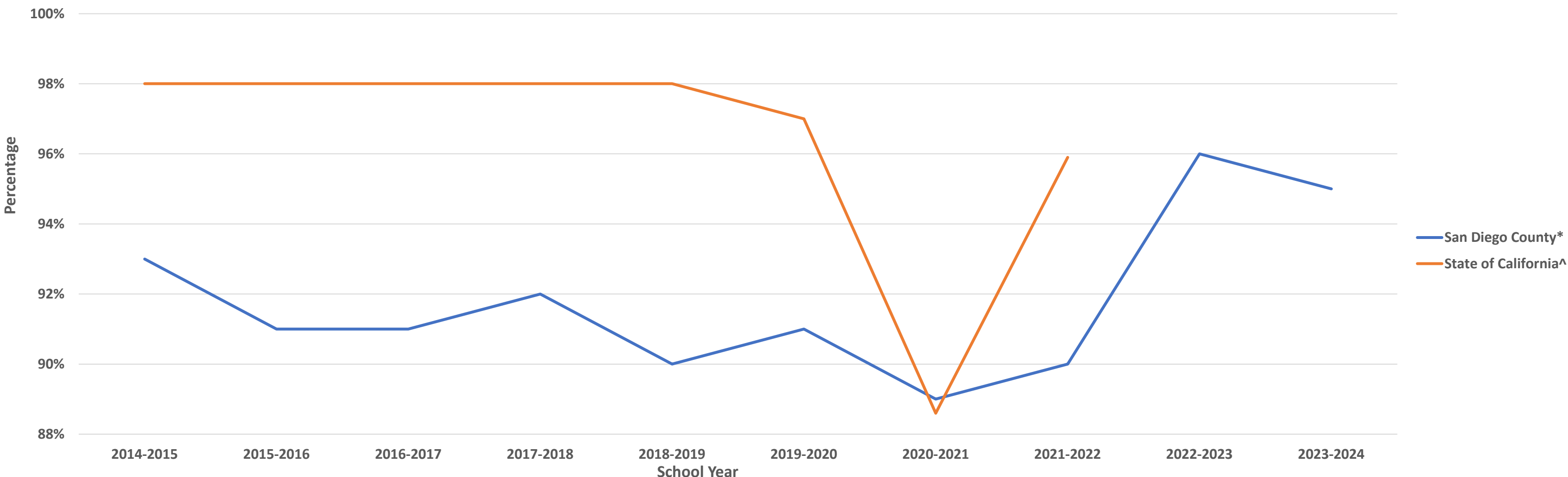
LIVE WELL  
SAN DIEGO

**Data Source:** Shots for School and CAIR Hub Reporting Portal.

# 2014-2024 7<sup>th</sup> Grade Immunization Coverage Over Time

2

Percent of students with UTD Immunization Coverage for Tdap in the 7th Grade in San Diego County Compared to State of California by School Year



\*San Diego County mean UTD coverage estimates are weighted by school enrollment. UTD is the # of students with all required vaccines, PME, and IEP, divided by enrollment. Ratios are multiplied by 100 to determine percentages.

^California estimates represent the average mean of UTD students across all counties in California. Data is pre-analyzed by CDPH. Data from CDPH not yet public for 2022 on.



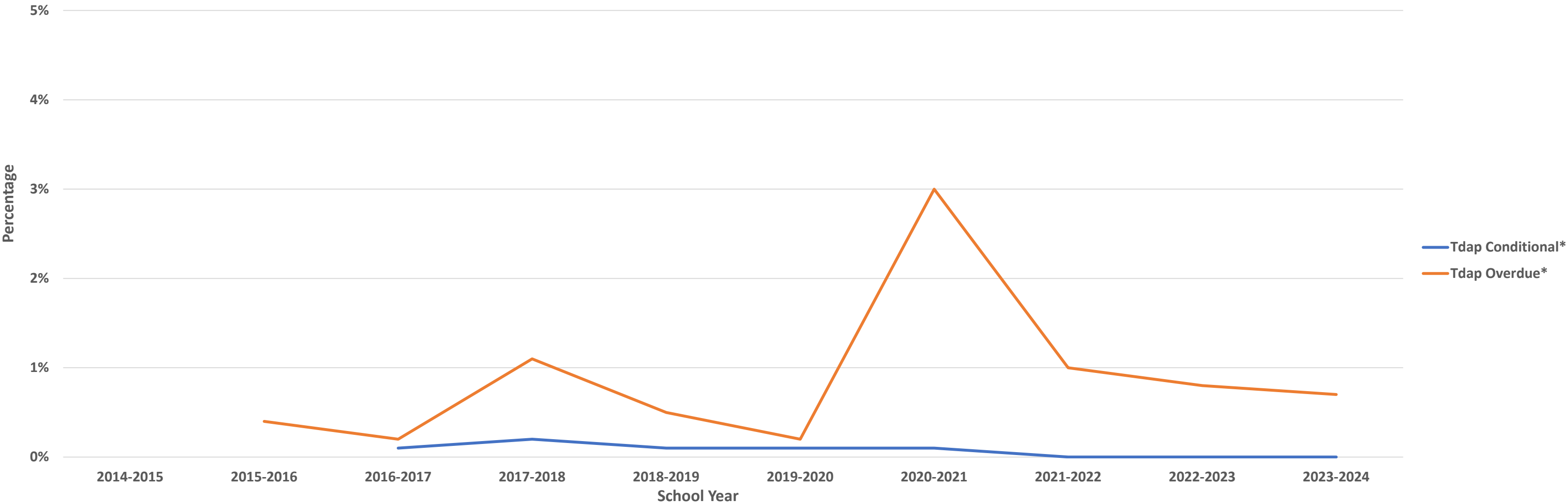
LIVE WELL  
SAN DIEGO

**Data Source:** Shots for School and CAIR Hub Reporting Portal.

# 2014-2024 7<sup>th</sup> Grade Immunization Coverage Over Time

3

Percent of Students Conditional or Overdue for Tdap at Schools with 7th grade in San Diego County by School Year



*\*San Diego County conditional and overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment. Each ratio was multiplied by 100 to determine a percentage.*



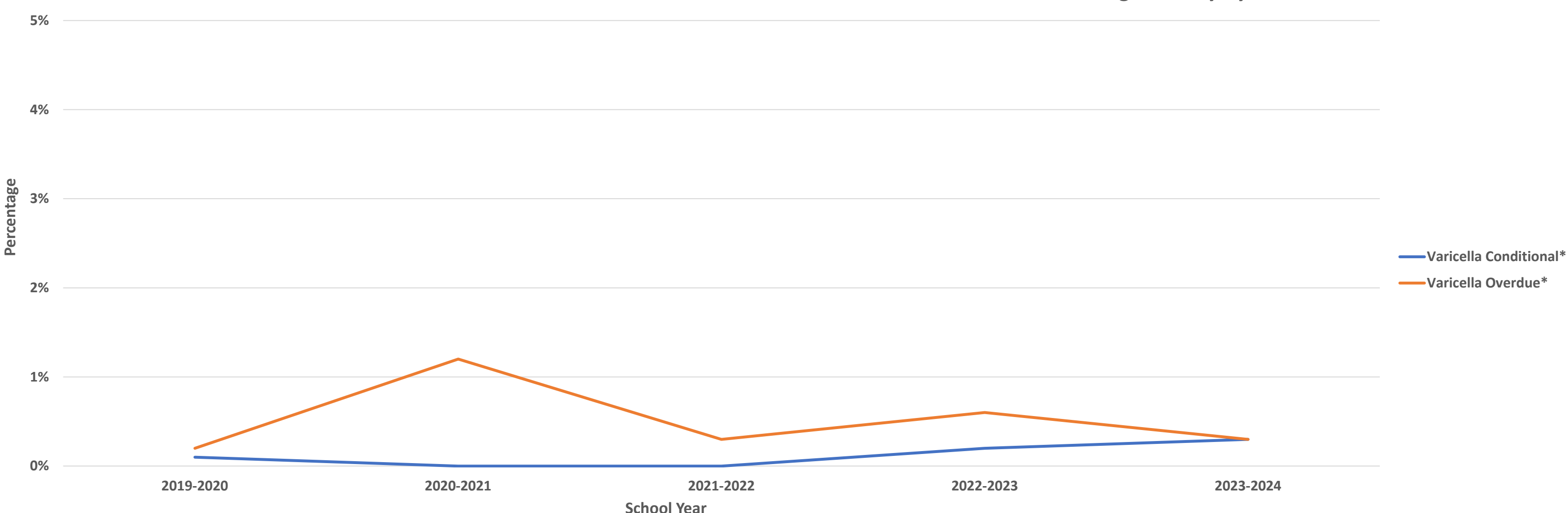
LIVE WELL  
SAN DIEGO

**Data Source:** Shots for School and CAIR Hub Reporting Portal.

# 2014-2024 7<sup>th</sup> Grade Immunization Coverage Over Time

4

Percent of Students Conditional or Overdue for Varicella at Schools with 7th Grade in San Diego County by School Year



*\*San Diego County conditional and overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with or without a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment. Each ratio was multiplied by 100 to determine a percentage.*



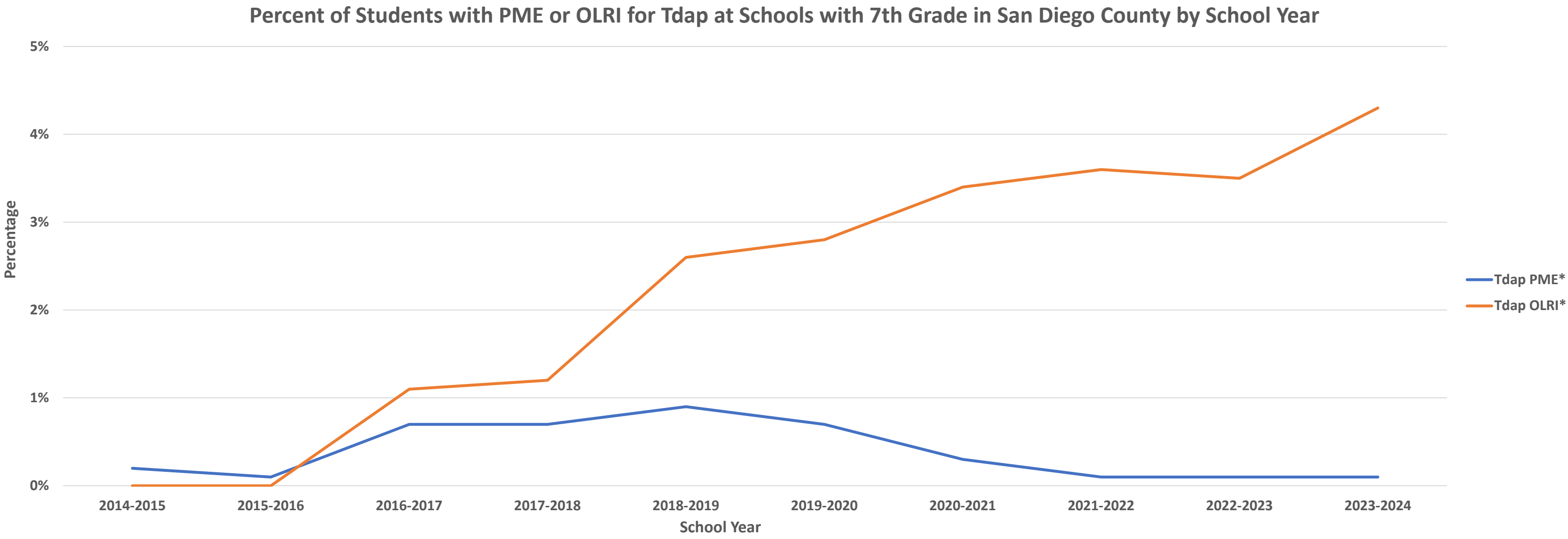
LIVE WELL  
SAN DIEGO

**Data Source:** Shots for School and CAIR Hub Reporting Portal.



# 2014-2024 7<sup>th</sup> Grade Immunization Coverage Over Time

5

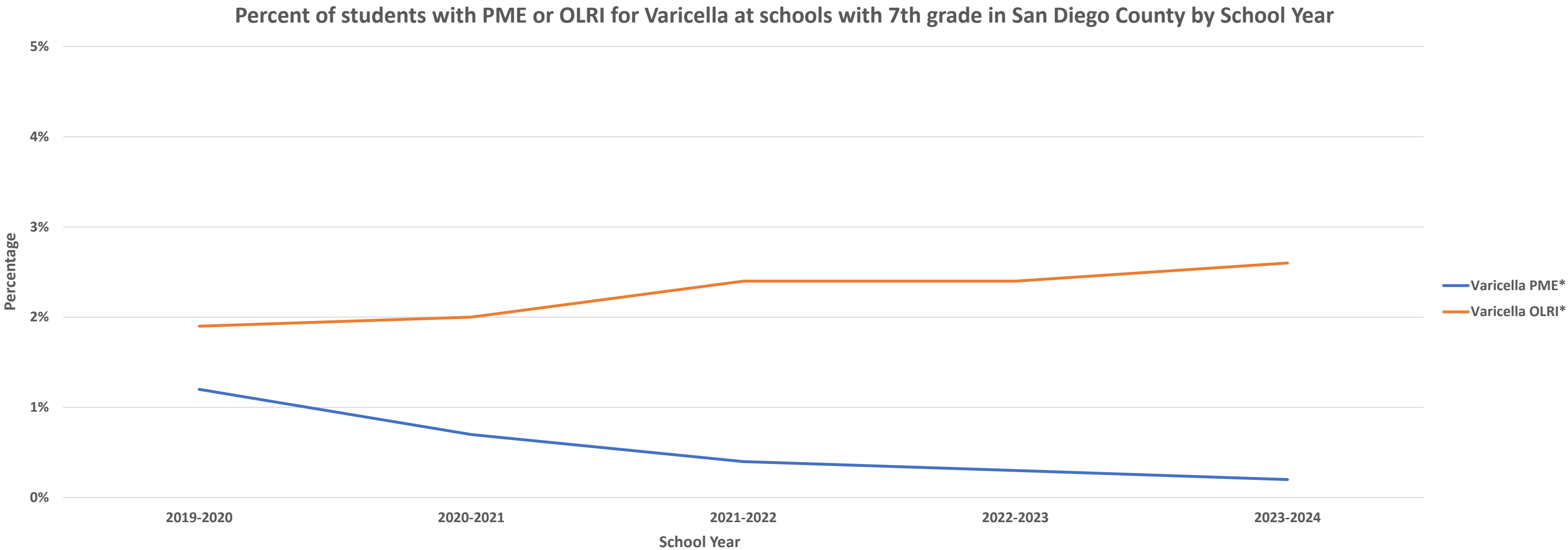


*\* San Diego County PMEs and OLRI's are weighted by enrollment. PME is the # of students with a PME on file, divided by total enrollment. OLRI is equal to the number of students with an IEP, Independent study, or homebased study divided by total enrollment. Each ratio was multiplied by 100 to determine a percentage.*



# 2014-2024 7<sup>th</sup> Grade Immunization Coverage Over Time

6



\* San Diego County PMEs and OLRI's are weighted by enrollment. PME is the # of students with a PME on file, divided by total enrollment. OLRI is equal to the number of students with an IEP, Independent study, or homebased study divided by total enrollment. Each ratio was multiplied by 100 to determine a percentage.

**Data Source:** Shots for School and CAIR Hub Reporting Portal.



# RECOMMENDATIONS AND NEXT STEPS

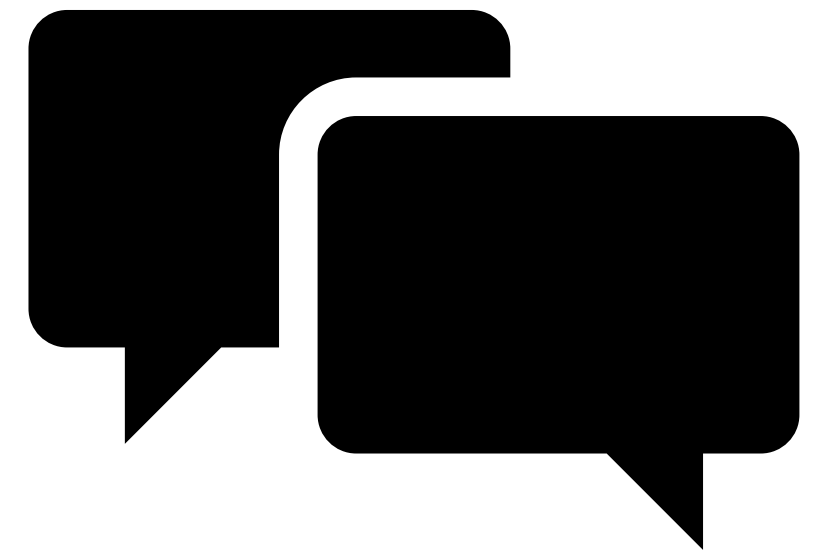


# Recommendations

## IMPROVEMENTS FOR NEXT REPORTING CYCLE (2024-25)

### Communication

- Implementation of system to review point of contact information prior to annual reporting cycle.
- Utilize Power Automate tool to send personalized reminder emails to schools/childcares that still need to report.
- At the beginning of the reporting cycle continue to reach out to schools and childcares that are known to have duplicates in the system to resolve the issue in a timely manner.
- Continue to remind schools/childcares that have already reported that they can update their report till the deadline.
- Work with CDE and home-based school organizations to find ways to partner with home schools to increase understanding of reporting requirements and encourage timely reporting.





# Recommendations

## IMPROVEMENTS FOR NEXT REPORTING CYCLE (2024-25)

### School and Childcare Best Practices

- Contact the school compliance team if you continue to receive reminder emails after submitting report.
- Ensure contact information is up to date.
- Report early and edit reporting data as needed until the deadline.
- Sign up for CAIR Hub at the beginning of the reporting cycle.

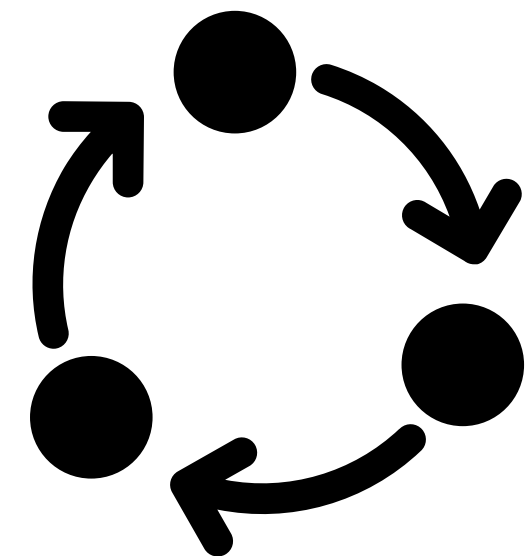


# Recommendations

## AREAS OF OPPORTUNITY FOR IMPROVING VACCINATION RATES

**In 2023-2024, TK/Kindergarten grade levels showed the lowest percentage of students up-to-date on all required immunizations and the lowest overall vaccination coverage rate for reporting cohorts.**

- Schools should ensure they have procedures in place to follow up with conditional or overdue students.
- County Immunization Unit developing and sharing tools and strategies to help improve vaccination rates through immunization tracking tools, educational materials and guidance, and school-based vaccination clinics.
- Use targeted outreach and health promotion methods to address different barriers that may prevent children from being up to date with specific school required vaccines (not a one size fits all approach).

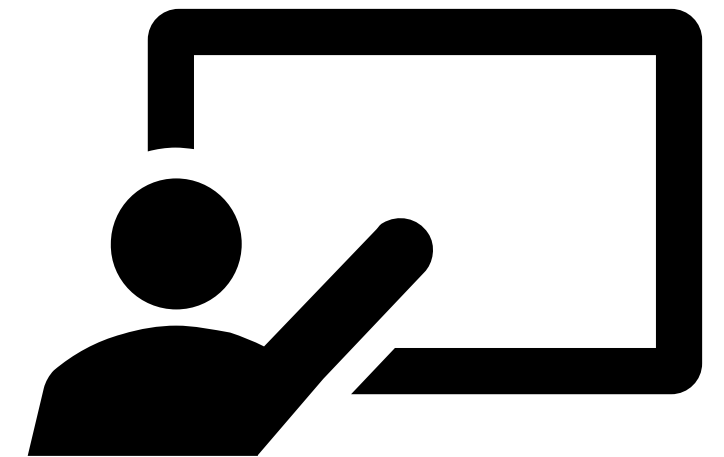


# Recommendations

## AREAS OF OPPORTUNITY FOR IMPROVING VACCINATION RATES

Increasing percentage of TK/Kindergarten and 7<sup>th</sup> grade students with other lacking required immunizations.

- Although students that fall within the OLRI category are not required to be up to date with school required vaccines, resources and health promotional materials should be shared with the parents/guardians of these students regularly to ensure they are receiving updated vaccine information.
- Continue to educate schools/childcares on review periods for IEPs and the criteria children in independent study must meet to not be required to be UTD with immunizations.



# Next Steps

## SHARE RESULTS

- Results of Annual Reporting will be shared continuously be shared with schools, childcare facilities and other stakeholders including San Diego County Office of Education, San Diego Immunization Coalition, and at IZ Network Update meetings.
- IZ Coverage Maps on the County of San Diego website has been updated with the results of the 2023-2024 Annual Report

## SELECTIVE REVIEW SITE VISITS

- On-site review to be conducted with County selected schools and childcare facilities April-June months.
  - During visits reviewers will evaluate the student immunizations records at each facility to ensure their compliance with CA school immunization law.





# Questions?



**Lindsay McMurdo, MAS**  
Community Health Program Specialist  
Epidemiology & Immunization Services Branch  
[linfo.hhsa@sdcounty.ca.gov](mailto:linfo.hhsa@sdcounty.ca.gov)



# THANK YOU FOR LISTENING!

**SANDIEGOCOUNTY.GOV**



*The Public Health Services department, County of San Diego Health and Human Services Agency, has maintained national public health accreditation, since May 17, 2016, and was re-accredited by the Public Health Accreditation Board on August 21, 2023.*



# BREAK



An aerial photograph of a coastal town built on a steep cliff overlooking the ocean. The town features numerous houses and buildings, with a prominent white building on the left. The ocean is visible with waves breaking on the shore. The sky is overcast with soft, grey clouds.

Guest Speaker:

**Julie Çelebi, MD,  
MS, FAAFP**



# VACCINES FOR THE LGBTQ+ COMMUNITY

Julie Çelebi, MD, MS, FAAFP

Associate Clinical Professor

Department of Family Medicine

University of California San Diego





# OBJECTIVES

- Describe best practice guidelines in vaccination of LGBTQ+ patients

# DISCLOSURES

- None

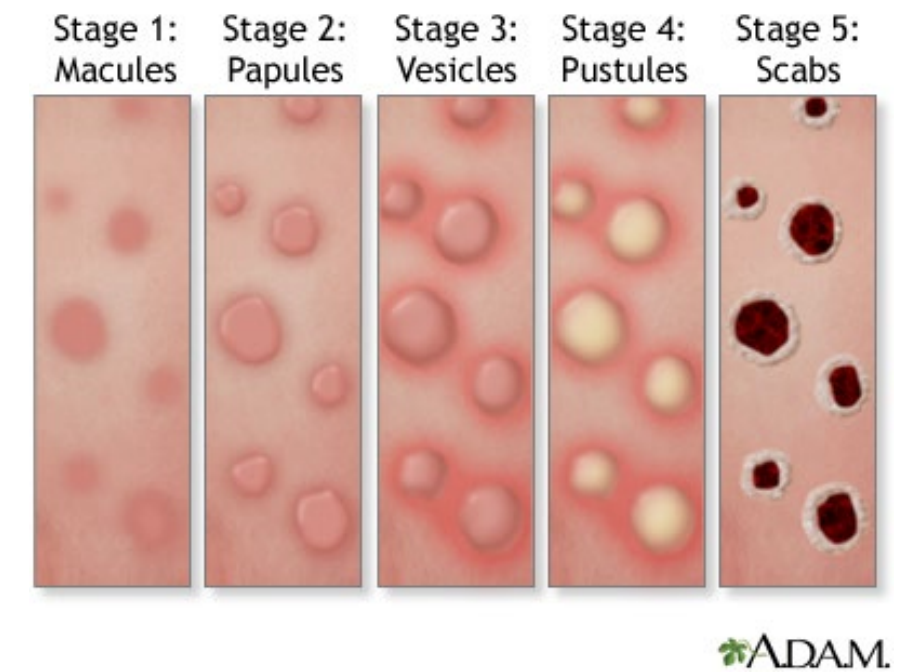
# ABOUT ME

- Family medicine physician, care of all ages
- Outpatient care, inpatient care, non-surgical obstetrics
- LGBTQ+ health interests
  - Gender-affirming care
  - Family planning, reproductive health
  - Pre- and post-exposure prophylaxis
  - STI screening and treatment



# MPOX

- Outbreak started in 2022
- Flu-like symptoms with evolving rash, 1–3 weeks after exposure
- Treatment is supportive, antivirals only for high risk
- Post-exposure prophylaxis available for asymptomatic individuals





# MPOX: JYNNEOS VACCINE



Source: cdc.gov

- Live virus, but non-replicating - safe for immunocompromised
- Indications:  
Gay, bisexual, or other same-gender loving men who have sex with men or are transgender, gender non-binary, or gender-diverse AND in the last 6 months have had, or expect to have:
  - One or more sexually transmitted infections
  - More than one sexual partner, or anonymous sexual or intimate contact
  - Sex at a commercial sex venue
  - Sex in association with a large public event in a geographic area where mpox transmission is occurring

# MPOX POST-EXPOSURE PROPHYLAXIS (PEP)

- High risk:  
PEP ASAP –  
2 doses, 4wk apart
- Intermediate risk:  
consider PEP

Risk stratification and management after an exposure to mpox (monkeypox)

Exposure category	Community	Health care setting	Management*
Intermediate	<ul style="list-style-type: none"><li>▪ Being within 6 feet for 3 hours or more (cumulative) of an unmasked person with mpox without wearing a surgical mask or respirator</li></ul> <p>or</p> <ul style="list-style-type: none"><li>▪ Contact between an exposed individual's intact skin with either:<ul style="list-style-type: none"><li>• The skin lesions or bodily fluids from a source patient with mpox</li><li>• Materials (eg, linens, clothing, objects, sex toys) that have contacted the skin lesions or bodily fluids of a person with mpox without having been disinfected or laundered<sup>Δ</sup></li></ul></li></ul> <p>or</p> <ul style="list-style-type: none"><li>▪ Contact between an exposed individual's clothing with either:<sup>¥</sup><ul style="list-style-type: none"><li>• The person with mpox's skin lesions or bodily fluids</li><li>• The person with mpox's soiled linens or dressings</li></ul></li></ul>	<ul style="list-style-type: none"><li>▪ Being within 6 feet for a total of 3 hours or more (cumulative) of an unmasked patient with mpox without wearing a surgical mask or respirator</li></ul> <p>or</p> <ul style="list-style-type: none"><li>▪ Unprotected contact between an exposed individual's intact skin and the skin lesions or bodily fluids from a patient with mpox or soiled materials (eg, linens, clothing)</li></ul> <p>or</p> <ul style="list-style-type: none"><li>▪ Activities resulting in contact between an exposed HCP's clothing and the patient's skin lesions or bodily fluids or their soiled materials while not wearing a gown<sup>¥</sup></li></ul>	Post-exposure vaccination determined on a case-by-case basis <sup>◇ ‡</sup>  Monitor for 21 days



# WHAT ABOUT ACAM2000?

**STRATEGIC NATIONAL STOCKPILE USE ONLY**  
**Smallpox (Vaccinia) Vaccine, Live**  
**ACAM2000®**

71665-330-02  
[Barcode]  
'Rx Only'. For percutaneous inoculation with Bifurcated Needle only. Do not administer by injection. Live Vaccinia virus derived from cloning Dryvax® (Wyeth Laboratories, NYCBH Strain) and grown in Vero cells. For full prescribing and product information, see ACAM2000® Package Insert.

Contains trace amounts of antibiotics (Neomycin and Polymyxin B).

A Medication Guide for ACAM2000® is available in electronic format, and is to be provided to each potential vaccinee.

Approximate dose: 2.5 µL

Lot No. XXXXXXX

Potency: 1-5x10<sup>8</sup> PFU/mL

Expiration Date: DDMMYYYY

Store at -25 to -15°C (-13 to 5°F) until distributed for use. Upon distribution, product may be stored at 2-8°C (36-46°F) for up to 18 months. Do not use after expiration date. Store reconstituted vaccine at 2-8°C (36-46°F). Use within 30 days of reconstitution date.

Manufactured by:

Emergent Product Development Gaithersburg Inc.  
Gaithersburg, MD 20879 USA, Lic. 2089

Contents: 50 Vials; 0.3 mL/100 doses/vial

Component # LBL040022-01



drugs.com

- Licensed to prevent smallpox, ACIP recommends ACAM2000 for people at risk of exposure to orthopoxvirus infections
- Not safe for immunocompromised individuals - contains live, replicating virus
- CDC recommends JYNNEOS over ACAM2000 due to fewer potential side effects
- ACAM2000 not being used in the current mpox outbreak



TOMÁS J. ARAGÓN, M.D., Dr.P.H.  
Director and State Public Health Officer  
Yes

State of California—Health and Human Services Agency  
**California Department of Public Health**



GAVIN NEWSOM  
Governor

**Health Advisory: Recommendation for Meningococcal Vaccine (MenACWY) for Men who have Sex with Men (MSM)—Florida Meningococcal Outbreak**

**June 6, 2022**

**Situation Summary**

Since April 2022, in response to an ongoing [outbreak of serogroup C invasive meningococcal disease \(IMD\) in Florida](#), [CDC has encouraged](#) gay, bisexual, and other men who have sex with men (MSM) to:

- Receive quadrivalent meningococcal conjugate vaccine (MenACWY) if they live in Florida
- Talk with their healthcare provider about getting MenACWY if traveling to Florida

MSM have previously been at increased risk for serogroup C IMD, whether during 2015-2016 outbreaks in Southern California and other US urban areas, or outside of outbreaks. Over the next months, MSM and transgender persons who have sex with men in California may have increased exposure to meningococcal infection from travel to Florida or attendance at events with MSM from around the country, including but not limited to Pride events in June 2022.

**Vaccination Recommendations**

CDPH encourages clinicians to offer MenACWY to MSM and transgender persons who have sex with men.

- MenACWY may be particularly beneficial for MSM and who plan to travel to Florida or to attend gatherings (especially crowded venues) with MSM and transgender persons who have sex with men from around the country.
- Persons with ongoing exposure **whose most recent dose of MenACWY was at least 5 years ago should receive a booster dose of MenACWY.**

# MENINGITIS VACCINE

For MSM and transgender  
patients having sex with men

# MENINGITIS VACCINE SERIES

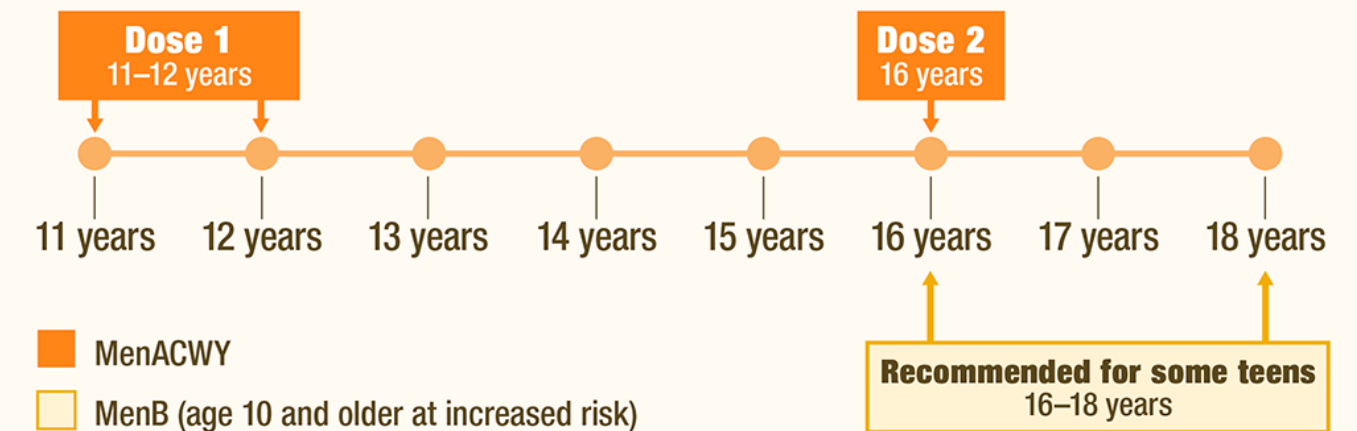
MenACWY (Menveo,  
MenQuadfi)

- Single dose, booster every 5 years

MenB: not routine,  
consider for ages 16–23

- Bexsero: 0 & 1 month
- Trumenba: 0, 1–2 & 6 months

## Meningococcal vaccines\*



\*MenABCWY vaccine may be used in place of separate injections of MenACWY and MenB vaccine at the same visit.

Healthychildren.org



# HEPATITIS A VACCINE

- Recommended universal vaccination <18yo and for any age with risk factors
- Risk factors: MSM, housing insecurity, chronic liver disease, HIV, recreational drug use, incarceration, travel
- We need to do better! Vaccination coverage among MSM estimated at 25%-45% overall.
- 2016–2018 California outbreak
- Vaccine: 2 doses, 6 months apart





# HEPATITIS B VACCINE



Morbidity and Mortality Weekly Report (*MMWR*)

Search



## Universal Hepatitis B Vaccination in Adults Aged 19–59 Years: Updated Recommendations of the Advisory Committee on Immunization Practices — United States, 2022

Weekly / April 1, 2022 / 71(13);477–483

- ACIP recommends universal vaccination for everyone under age 60, and >60yo with risk factors
- Additional risk factors:
  - MSM, multiple sex partners, history of STI
  - housing insecurity, recreational drug use, incarceration
  - chronic liver disease, HIV, dialysis, diabetes
  - HBsAg+ sex partner or household contact

**TABLE 1.** General Adult Dosing of FDA-Approved Monovalent HBV Vaccines<sup>2-6,a,b</sup>

	Heplisav-B <sup>c</sup>	Engerix-B	Recombivax-HB	PreHevbrio <sup>d</sup>
FDA approval date	2017 <sup>3</sup>	1989 <sup>5</sup>	1986 <sup>4</sup>	2021 <sup>6</sup>
General adult dosing <sup>2</sup>	2 doses (20 mcg/0.5 mL each) IM on a 0- and 1-month schedule	3 doses (20 mcg/1.0 mL each) IM on a 0-, 1-, and 6-month schedule	3 doses (10 mcg/1.0 mL each) IM on a 0-, 1-, and 6-month schedule	3 doses (10 mcg/1.0 mL each) IM on a 0-, 1-, and 6-month schedule

CpG, cytosine phosphoguanine; HBV, hepatitis B virus; IM, intramuscular.

<sup>a</sup>Does not include bivalent HBV vaccines (eg, Twinrix, Pediarix, Vaxelis).

<sup>b</sup>The focus of this table is general adult dosing of monovalent HBV vaccines. See appropriate prescribing information for each product for all dosing schedules.

<sup>c</sup>Heplisav-B vaccine uses recombinant hepatitis B surface antigen and CpG 1018 toll-like receptor 9 agonist adjuvant.

<sup>d</sup>PreHevbrio is a 3-antigen vaccine.

# HEPATITIS B VACCINES

<https://www.ajmc.com/view/evolving-considerations-for-choice-of-hepatitis-b-vaccine>

# BIVALENT HEPATITIS A/B VACCINE

Combination vaccines: Recommended dosages and schedules				
VACCINE	AGE GROUP	VOLUME	# DOSES	SCHEDULES/DOSING INTERVALS
<b>Pediarix</b> DTaP+HepB+IPV (GSK)	6 wks through 6 yrs	0.5 mL	3	For newborns, give monovalent hepatitis B vaccine within 24 hrs of birth; then give Pediarix at age 2 mos, 4 mos, 6 mos <sup>4</sup>
<b>Vaxelis</b> DTaP+IPV+Hib+HepB (Sanofi)	6 wks through 4 yrs	0.5 mL	3	2, 4, 6 mos <sup>4</sup>
<b>Twinrix</b> HepA+HepB (GSK)	18 yrs and older	1.0 mL	3	0, 1, 6 mos
		1.0 mL	4	0, 7, 21–30 days, 12 mos



# HUMAN PAPILLOMAVIRUS VACCINE

- Can start series as early as age 9
- Age <15: 2 doses, 6–12 months apart
- Age  $\geq 15$ : 3 doses at 0, 1–2, 6 months
- Recommended for all up to age 26
- Recommended for some age 27–45 - consider sexual hx
- Don't re-vaccinate if prior vaccination with HPV-4 series

**Table.** HPV vaccines currently licensed in the United States<sup>3</sup>

	<b>Bivalent 2vHPV (Cervarix)</b>	<b>Quadrivalent 4vHPV (Gardasil)</b>	<b>9-Valent 9vHPV (Gardasil 9)</b>
Manufacturer	GlaxoSmithKline	Merck	Merck
Year licensed and for whom	October 2009, females	June 2006, females; October 2009, males	December 2014, females and males
HPV types included	16, 18	6, 11, 16, 18	6, 11, 16, 18, 31, 33, 45, 52, 58
Contraindications	Hypersensitivity to latex*	Hypersensitivity to yeast	Hypersensitivity to yeast
Dosing schedule	3-dose series: 0, 1, 6 months	3-dose series: 0, 2, 6 months	3-dose series: 0, 2, 6 months

\*Only contained in pre-filled syringes, not single-dose vials.

<https://www.npwomenshealthcare.com/boosting-hpv-vaccination-rates-call-action/>

## HPV VACCINE SCHEDULE & DOSES

Don't wait to vaccinate. The American Cancer Society recommends that boys and girls get the HPV vaccine starting at age 9. Age matters. When you vaccinate your child on time, you give them the best protection from HPV cancers. In fact, HPV cancer prevention decreases the longer you wait to vaccinate.



### ON TIME

AGE 9-12

**2 Doses**

6-12 months apart

Begin at age 9 years old for a better immune response.



### LATE

AGES 13-14

**2 Doses**

6-12 months apart



### CRITICAL

AGES 15-26

**3 Doses**

1st dose at visit one  
2nd dose 1-2 months later  
3rd dose 6 months after 1st dose

<https://hpvroundtable.org/hpv-vaccines-recommendations/>



# HPV VACCINE: NOT JUST PREVENTIVE??

> [J Am Acad Dermatol](#). 2020 Jan;82(1):202-212. doi: 10.1016/j.jaad.2019.04.067.  
Epub 2019 May 11.

## The human papillomavirus vaccine as a treatment for human papillomavirus-related dysplastic and neoplastic conditions: A literature review

Christine T Pham<sup>1</sup>, Margit Juhasz<sup>2</sup>, Calvin T Sung<sup>3</sup>, Natasha Atanaskova Mesinkovska<sup>2</sup>

## Role of human papillomavirus (HPV) vaccination on HPV infection and recurrence of HPV related disease after local surgical treatment: systematic review and meta-analysis

*BMJ* 2022 ; 378 doi: <https://doi.org/10.1136/bmj-2022-070135> (Published 03 August 2022)

### What does the HPV vaccine protect against?

The nine strains of HPV that cause most cases of cancer



Mouth, throat and genital cancers



90% of cases of cervical cancer



90%

90% of cases of genital warts



90%

In the majority of cases, an infection with HPV will clear without symptoms

<https://www.bristol.ac.uk/news/2023/february/hpv-vaccine-lesson.html>

## OTHER ROUTINE VACCINES

Yearly influenza vax

COVID-19 vax - likely yearly as routine

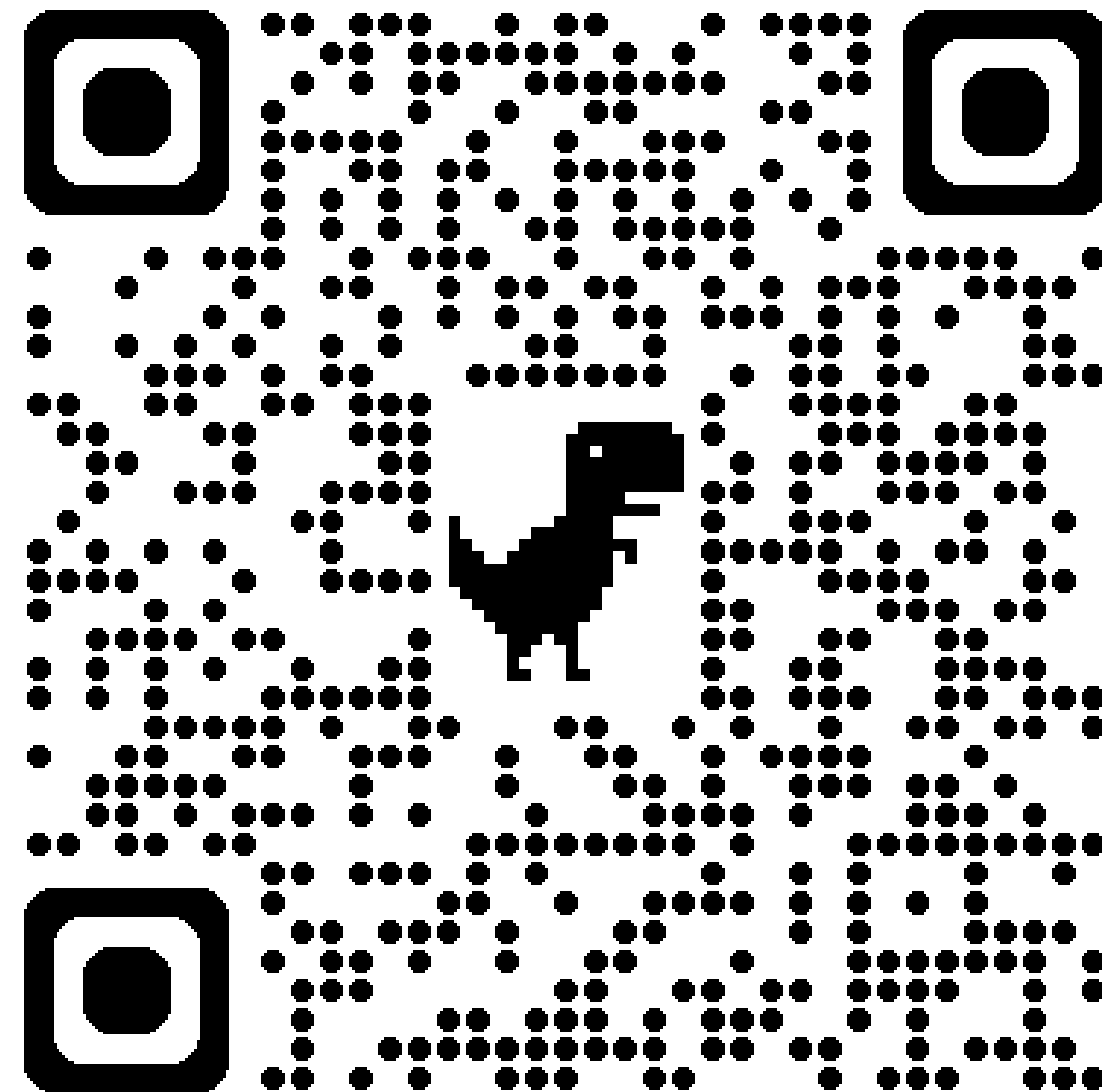
- 4mo booster for patients >65yo
- 2mo booster for mod-severe immunocompromised

# REFERENCES

- [cdc.gov](https://www.cdc.gov)
- [hhs.gov](https://www.hhs.gov)
- [cdph.ca.gov](https://www.cdph.ca.gov)
- [immunize.org](https://www.immunize.org)
- [healthychildren.org](https://www.healthychildren.org)
- [medlineplus.gov](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5504611/)
- [uptodate.com](https://www.uptodate.com)
- Pham CT, Juhasz M, Sung CT, Mesinkovska NA. The human papillomavirus vaccine as a treatment for human papillomavirus-related dysplastic and neoplastic conditions: A literature review. *J Am Acad Dermatol*. 2020 Jan;82(1):202–212. doi: 10.1016/j.jaad.2019.04.067. Epub 2019 May 11. PMID: 31085272.
- *BMJ* 2022;378:e070135. Role of human papillomavirus (HPV) vaccination on HPV infection and recurrence of HPV related disease after local surgical treatment: systematic review and meta-analysis

# QUESTIONS?

[jcelebi@health.ucsd.edu](mailto:jcelebi@health.ucsd.edu)





# Q&A



# CAIR2 Updates:

SDIC: 6/4/24

**Ryan Thun**

Local CAIR Representative

CA Department of Public Health

Division of Communicable Diseases

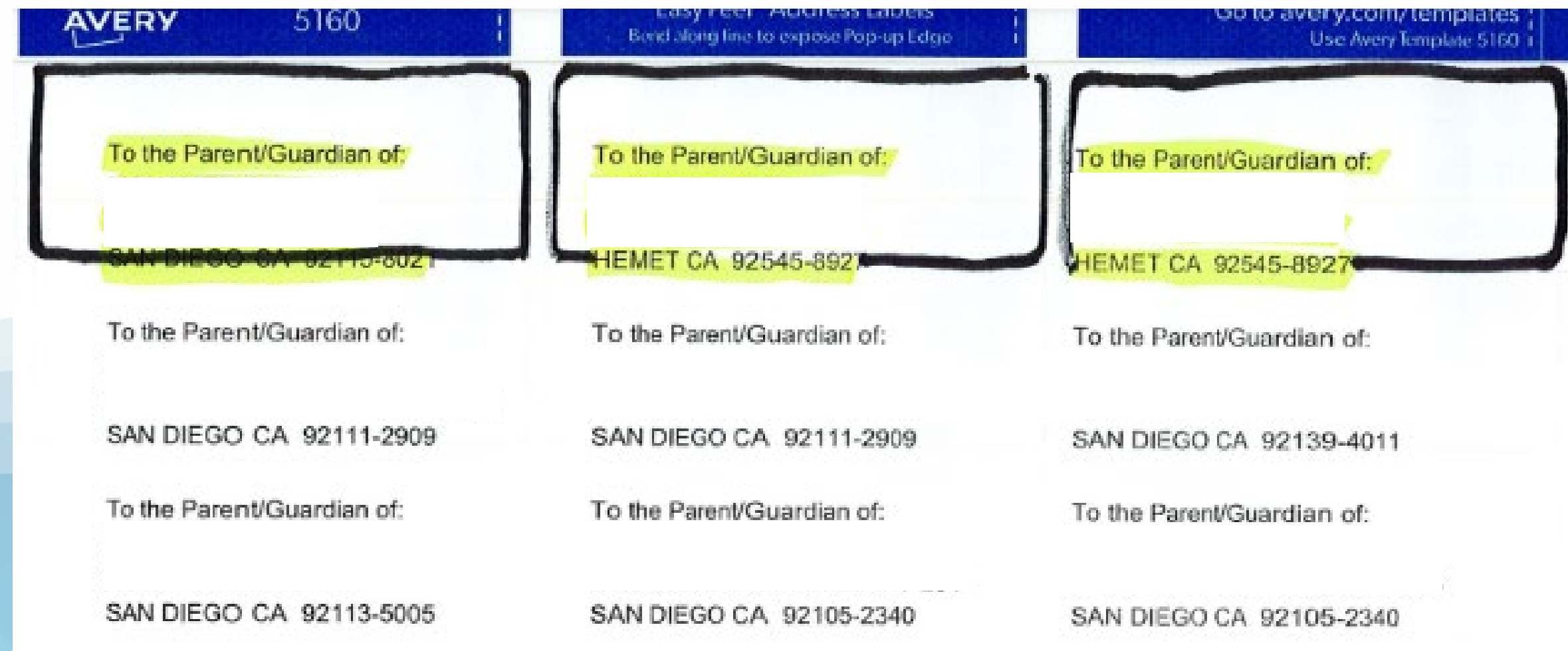
Immunization Branch



# Recent CAIR2 Changes

## Reminder/Recall (R/R) labels now align and print correctly

- Please use Avery 5160 labels to print R/R labels, otherwise, info will be cut off



# Recent CAIR2 Changes

## Print Inventory Report

Now displays the correct info based on the radio buttons the user selects

Print

Funding Source: 

ALL

Show

☒ Active

☐ Inactive

☐ Non-Expired

☐ Expired



Current CAIR Inventory Count											
Pin Number DOH, California Immunization Program, 04/17/2024, SGF, VFC, 317 and PVT, Active											
Time Printed: 02:15 PM											
Vaccine Group	Trade Name	NDC	Lot Number	Funding Source	Intent	Packaging	Expiration Date	Active	Inventory on Hand	Doses Administered	Physical Count
Adeno	Adeno T4		12345/xxx	VFC			08/08/2024	Y	10	0	
COVID-19	Pfizer Bivalent 5-11Y	59267-0565-01	2323	SGF	PED	10 MULTI-DOSE VIAL	12/31/2024	Y	20	0	
COVID-19	Pfizer Comirnaty (Gray Cap) 12Y+	59267-1025-02	1884759	VFC	PED	CARTON, 195 MULTI-DOSE VIALS	06/11/2024	Y	100	0	
COVID-19	Pfizer COVID (Orange Cap) 5-11Y		PZ2323	SGF			12/31/2024	Y	20	0	
COVID-Seasonal	Pfizer Comirnaty 12Y+	00069-2362-01	BIO1234	SGF	PED	0.48 mL in 1 VIAL, SINGLE-DOSE	10/31/2024	Y	20	0	
DTP/aP-HepB-Polio	Pediarix		Peds1234Rtest	VFC			10/10/2024	Y	20	0	
DTP/aP-HepB-Polio	Pediarix	58160-0811-11	RDPED3	VFC	PED	DTAP/HEP B/IPV 1 DOSE VIALS	04/05/2025	Y	10	0	
HPV	Cervarix	58160-0830-34	1674655729HPV	VFC	PED	HPV, bivalent	09/17/2030	Y	20	0	
MMR-Varicella	Proquad		Proquad1	VFC			10/10/2024	Y	10	0	





# Recent CAIR2 Changes

## Doses Administered Report

19-year-olds will now display in the correct 19+ age group (previously, they were being counted in the 7-18 age group)

**Current Age: 19 years, 8 months, 1 day**

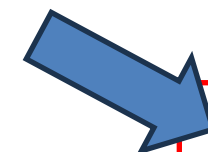
Shots given:

HepA [04/17/2024](#)  
HepB [04/17/2024](#)



**Inventory  
doses administered**


Date Report Generated: 04/17/2024						
Report Title: Doses Administered						
Filters: CAIR Clinic 12						
Detail of Summary: Detail						
Date Range: 04/17/2024 to 04/17/2024						
Funding Source: All						
Doses Administered (Summary)						
Vaccine	Age Groups (Years)				Total Number of Doses	Total Number of Patients
	<1	1 to 6	7 to 18	19+		
DTaP-HepB-IPV	0	0	0	1	1	1
HepA-Ped 2 Dose	0	0	0	1	1	1
Total Doses					2	
Total Unique Patients					1	



# Recent CAIR2 Changes

## New Covid Schedule

All recommendations on the Vaccines Recommended by Selected Tracking Schedule section of the Immunization History screen will display Vaccine Group 'COVID-Seasonal' with the Vaccine displaying COVID-Seasonal NOS


Vaccines Recommended by Selected Tracking Schedule					
Select	Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date
	<a href="#">COVID-Seasonal</a>	COVID-Seasonal NOS	04/16/2021	04/16/2021	04/16/2021
	<a href="#">DTP/aP</a>	DTaP, NOS	Maximum Age Exceeded		
<input type="checkbox"/>	<a href="#">HepA</a>	HepA, NOS	10/16/2023	10/16/2023	11/18/2023
<input type="checkbox"/>	<a href="#">HepB</a>	HepB, NOS	08/16/1974	08/16/1974	08/16/1974
	<a href="#">Hib</a>	Hib, NOS	Maximum Age Exceeded		
<input type="checkbox"/>	<a href="#">Influenza-seasn</a>	Flu NOS	08/16/2023	08/01/2023	08/16/2023
<input type="checkbox"/>	<a href="#">Pneumococcal</a>	Pneumococcal conjugate PCV20	08/16/2021	08/16/2021	08/16/2021
<input type="checkbox"/>	<a href="#">Polio</a>	Polio, NOS	10/26/2023	10/26/2023	12/28/2023
<input type="checkbox"/>	<a href="#">RSV</a>	RSV Recombinant Adjuvanted PF IM	08/16/2016	08/16/2016	08/16/2016
<input type="checkbox"/>	<a href="#">Td/Tdap</a>	Tdap	10/26/2023	10/26/2023	11/28/2023
<input type="checkbox"/>	<a href="#">Varicella</a>	Varicella	08/16/1969	08/16/1969	08/16/1969
<input type="checkbox"/>	<a href="#">Zoster</a>	Zoster Live	08/16/2006	08/16/2006	08/16/2007

# Recent CAIR2 Changes


## New Travel Vaccine Added

Added Chikungunya travel vaccine to CAIR

Added Vaccine Group




Vaccine Group	Date Admin	Series	Vaccine [Trade Name]
Chikungunya	<a href="#">04/17/2024</a>	1 of 1	Chikungunya live attenuated 0.5mL PF [IXCHIQ ©]

 Tradename (IXCHIQ)

### Vaccines Recommended by Selected Tracking Schedule

Schedule



Select	Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date
	<a href="#">Chikungunya</a>	Chikungunya live attenuated 0.5mL PF		Complete	

# Recent CAIR2 Changes

## Tick-Borne Encephalitis Vaccine Series Added

Adult and Child Series Added  
Both are invoke-on-use (not routinely recommended).

Child series (age range 1-16 yrs). Series has 3 doses

	1 through 15 years of age
First dose	Day 0
Second dose	1 to 3 months after the first vaccination
Third dose	5 to 12 months after the second vaccination

Adult Series age 186+ months (15.5 yrs). Series has 3 doses

16 years of age and older	
Day 0	First dose
14 days to 3 months after the first vaccination	Second dose
5 to 12 months after the second vaccination	Third dose

A booster dose (4<sup>th</sup> dose) may be given at least 3 years after completion of the primary IZ series if ongoing exposure or re-exposure to Tick-Borne Encephalitis virus is expected.

Group Id	Display Name	Name		
140	Tick-borne	Tick-borne encephalitis TBE		
Vaccine (ID) Name		CPT Code	CVX Code	Trade Name
(909) Tick-borne encephalitis inactPF0.25mL		90626	223	TICOVAC.25

Group Id	Display Name	Name		
140	Tick-borne	Tick-borne encephalitis TBE		
Vaccine (ID) Name		CPT Code	CVX Code	Trade Name
(910) Tick-borne encephalitis inactPF0.5mL		90627	224	TICOVAC.50



# Recent CAIR2 Changes

## Updated Vaccine schedules

### COVID

- Added the additional Covid19 vaccine dose recommendation for Adults 65+: ACIP recommends that persons  $\geq 65$  years of age should receive an additional dose of 2023-2024 Formula COVID-19 vaccine.

### Hep B

- Peds schedule: Fixed the schedule so that Valid doses are no longer showing as Invalid.
- Fixed the HepB series that contains HIB vaccine:
- Removed the Menhibrix vaccine which was listed as an acceptable vaccine in the HepB (Pediarix) series.
- The min and max ages for the existing Peds and Adults schedules were updated.

Vaccines Recommended by Selected Tracking Schedule					
Select	Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date
	<a href="#">Chikungunya</a>	Chikungunya live attenuated 0.5mL PF	Complete		
<input type="checkbox"/>	<a href="#">COVID-Seasonal</a>	COVID-Seasonal NOS	08/16/2009	08/16/2009	08/16/2009
	<a href="#">DTP/aP</a>	DTaP, NOS	Maximum Age Exceeded		
<input type="checkbox"/>	<a href="#">HepA</a>	HepA, NOS	09/17/2024	09/17/2024	10/17/2024
<input type="checkbox"/>	<a href="#">HepB</a>	HepB, NOS	04/17/2024	04/17/2024	04/17/2024
	<a href="#">Hib</a>	Hib, NOS	Maximum Age Exceeded		
<input type="checkbox"/>	<a href="#">HPV</a>	HPV, NOS	08/16/2013	08/16/2015	09/16/2017
<input type="checkbox"/>	<a href="#">Influenza-seasnl</a>	Flu NOS	08/16/2023	08/01/2023	08/16/2023
<input type="checkbox"/>	<a href="#">Men ACWY</a>	MCV4, NOS	08/16/2020	08/16/2020	08/16/2022
<input type="checkbox"/>	<a href="#">MMR</a>	MMR	08/16/2005	08/16/2005	12/16/2005
<input type="checkbox"/>	<a href="#">Polio</a>	Polio, NOS	10/17/2024	10/17/2024	11/17/2024
<input type="checkbox"/>	<a href="#">RSV</a>	RSV Recombinant Adjuvanted PF IM	08/16/2064	08/16/2064	08/16/2064
<input type="checkbox"/>	<a href="#">Td/Tdap</a>	Tdap	10/17/2024	10/17/2024	05/17/2025
<input type="checkbox"/>	<a href="#">Varicella</a>	Varicella	08/16/2017	08/16/2017	08/16/2017

# Recent CAIR2 Changes

## From CAIR Inventory Checkbox

- Disabled the “From CAIR Inventory” checkbox from being available for selection (greyed out) if the organization **does not** have Inventory in CAIR.
- If a site **does** have active inventory in CAIR, the checkbox will always default to being checked to deduct from inventory.
- When the user selects to uncheck the box for an org with inventory, a pop-up message will appear, “If you uncheck this box, the doses administered will NOT be deducted from your CAIR Vaccine Inventory”.
- If the box is rechecked, there will be a new pop-up message that says, “ If you check this box, the dose administered WILL be deducted from your CAIR Vaccine Inventory”.

**Enter New Immunization**

From CAIR Inventory ☒

\* Date Administered 04/25/2024

Activate Expired

Remove	Immunization	* Vaccine Eligibility	* Trade Name-Lot #
--------	--------------	-----------------------	--------------------

cair.cdph.ca.gov says

If you uncheck this box, the doses administered will NOT be deducted from your CAIR Vaccine Inventory.

OK

Cancel

cair.cdph.ca.gov says

If you check this box, the doses administered WILL be deducted from your CAIR Vaccine Inventory.

OK

Cancel

# Recent CAIR2 Changes

## RSV for Pregnancy

- No general recommendation, but patient must be Female between age 15 years and 50 years to count as valid.
- Contains 1 dose of Abrysvo.
- Patient Comment (Pregnancy) suggested but not required. If no pregnancy comment on file, the dose will still count as valid.

The screenshot displays the CAIR2 system interface for a patient's immunization record. At the top, it shows the patient's current age as 15 years, 2 months, and 26 days. Below this, there are links for 'Patient Notes (0)' and 'view or update notes'. The interface has two tabs: 'Immunization History' (selected) and 'TB Test History'. A row of buttons includes 'Add New Imms', 'Add Historical Imms', 'Edit Patient', 'Reports', 'Print Record', and 'Print Confidential Record'. The 'Immunization Record' section contains a table with the following data:

Vaccine Group	Date Admin	Series	Vaccine [Trade Name]	Dose	Owned?	Reaction	Hist?	Edit
RSV	<a href="#">03/28/2024</a>	1 of 1	RSV bivalent protein RSV 0.5mL PF [ABRYSVO ®]	Full				

Below the table, it states 'Vaccines Recommended by Selected Tracking Schedule'.

# Recent CAIR2 Changes

## RSV for Infants and Adults

### Infants

- No general recommendation in CAIR, since it is up to provider/parent/guardian decision. Will count as valid if given within appropriate age-ranges for vaccine being given. If series has additional doses CAIR2 will recommend future doses once initial dose is given.

### Adults

- No general recommendation in CAIR2, since it is up to provider/patient decision, but should be given routinely at age 60+ and will be counted as valid.
- If series has additional doses, CAIR2 will recommend future doses once initial dose is given.




# Recent CAIR2 Changes

## New Funding Sources Added

- To account for the new Bridge Access Funding Program.
- More guidance coming soon
  - VXC50: This is for the new Bridge Access Program. This means that the provider got the doses from the new Bridge Access Program (BAP)
  - VXC51: This is VFC vaccine
  - VXC52: This is both for 317 and SGF vaccine
  - VXC70: This is truly 'private' vaccine stock - the provider purchased it with their own money

**Enter New Immunization**

From CAIR Inventory ☒ \* Date Administered 04/25/2024   Ordering Authority

Remove	Immunization	* Vaccine Eligibility	* Trade Name-Lot #-Eligibility Code-Exp Date	* Funding Source
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	* Administered By <input type="text"/>		* Body Site <input type="text"/> Route <input type="text"/>	
<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	* Administered By <input type="text"/>		* Body Site <input type="text"/> Route <input type="text"/>	
<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

PHC70 - Vaccine stock used was privately funded

VXC51 - Vaccine stock used was publicly funded by the VFC program

VXC52 - Vaccine stock used was publicly funded by the non-VFC program

VXC50 - Vaccine stock used was publicly funded

# Recent CAIR2 Changes

## Added Flu Vaccines That Were Missing

- Added the newest Southern Hemisphere vaccines as Non-US Codes (For historical and DX entries)


Vaccine Name	Trade Name
Influenza South Hem Ped PF	Fluzone Quadrivalent Pediatric PF
Influenza South Hem PF	Fluzone Quadrivalent PF
Influenza South Hem Quad wPres	Fluzone Quadrivalent wP
Influenza South Hem High Dose Quad	Fluzone Quadrivalent High Dose

# Recent CAIR2 Changes

## New Search Options for QA Users

- Search by CAIR ID has been added as an option for Data Exchange QA users

**Patient Search Criteria**

**Search by Patient**  
*\* Minimum search criteria includes any two fields.*  
Last Name  Mother's First Name    
First Name  Home Phone  -  -    
Middle Name  Cell Phone  -  -   
Birth Date  

**Search by Medical Record Number**  
*\* Medical Record Number*

**Search by CAIR ID**  
*\* CAIR ID*

# COVID, Flu and MPOX Vaccination Providers

Sites giving only COVID, Flu and/or MPOX vaccinations must use **MyTurn** or **CAIR Data Exchange (DX)** to **submit these doses to CAIR**.

Applies to all new sites enrolling in CAIR and existing sites not yet submitting immunization info to CAIR. Note: A site does *not* need to be a Covid provider to use MyTurn.

- MyTurn now includes CAIR Quick Entry (CQE) and bulk-upload features and accepts all vaccines
- Sites currently using CAIR Mass Vax may continue until Mass Vax is retired later this year; sites will need to transition to MyTurn or DX at that time

**Note:** CAIR DX and MyTurn automatically upload doses into CAIR

## MyTurn

**General information:**

<https://eziz.org/administration/myturn/>

**Enrollment:**

<https://mycavax.cdph.ca.gov/s/my-turn>

**HelpDesk:**

Email: [Myturninfo@cdph.ca.gov](mailto:Myturninfo@cdph.ca.gov)

Phone: (833) 502-1245

## CAIR Data Exchange:

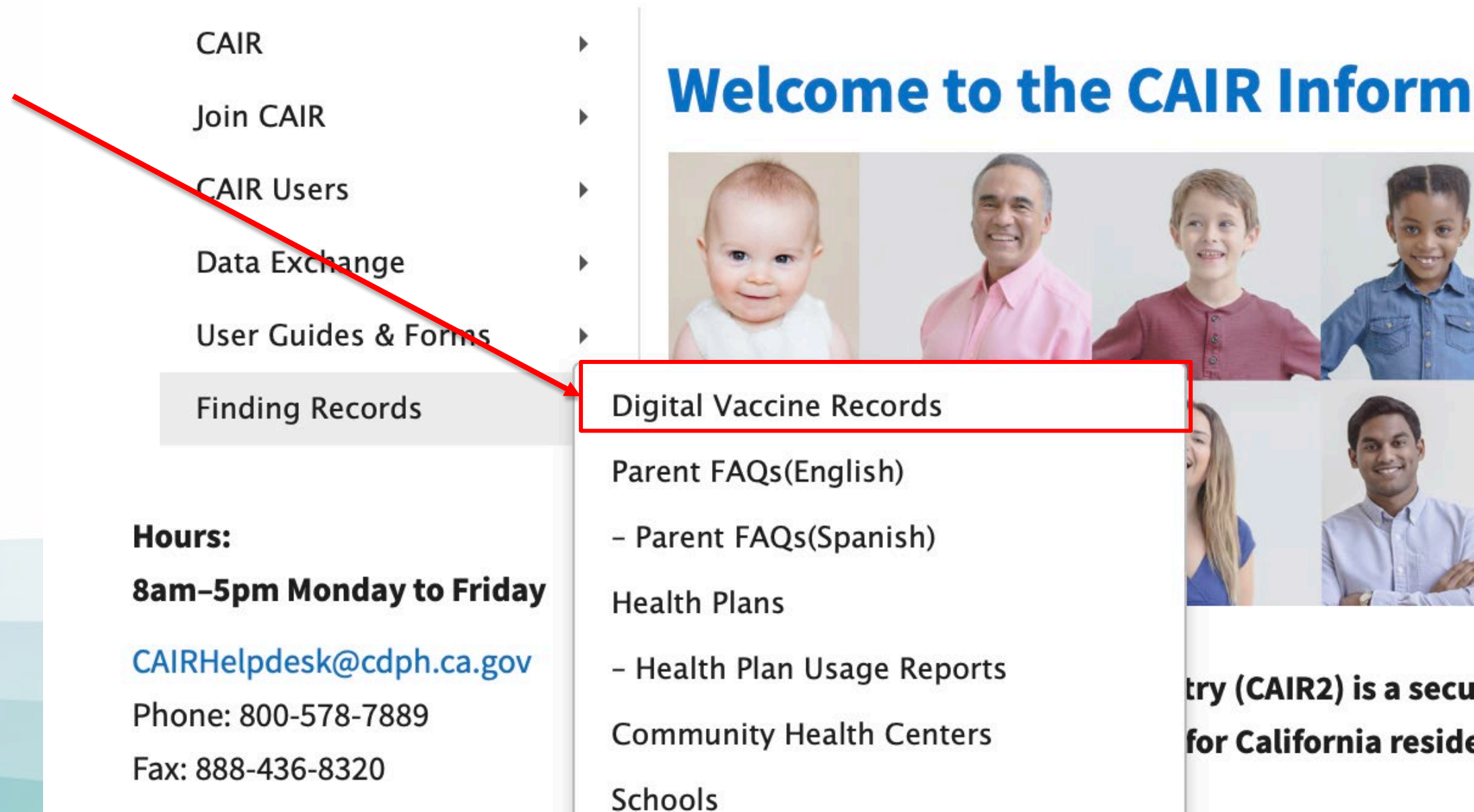
Email: [CAIRDataExchange@cdph.ca.gov](mailto:CAIRDataExchange@cdph.ca.gov)





# Immunization Record Requests

- The public may request their COVID Immunization Record or full CAIR Immunization Record from our home page, [cdph.ca.gov/cair](https://cdph.ca.gov/cair):
  - Click Finding Records or
  - Hover over Finding Records and Select Digital Vaccine Records
- You can also request your records via this direct link: Digital Vaccine Record (DVR) portal:  
<https://myvaccinerecord.cdph.ca.gov/>



The screenshot shows the CAIR website interface. On the left, a vertical menu lists: CAIR, Join CAIR, CAIR Users, Data Exchange, User Guides & Forms, and Finding Records. A red arrow points from the 'Finding Records' menu item to a sub-menu on the right. The sub-menu, titled 'Welcome to the CAIR Inform', lists: Digital Vaccine Records (highlighted with a red border), Parent FAQs(English), - Parent FAQs(Spanish), Health Plans, - Health Plan Usage Reports, Community Health Centers, and Schools. Below the main menu, contact information is provided: Hours: 8am-5pm Monday to Friday, CAIRHelpdesk@cdph.ca.gov, Phone: 800-578-7889, and Fax: 888-436-8320. The background features a collage of diverse people, including a baby, a man, a boy, and a girl.

CAIR

Join CAIR

CAIR Users

Data Exchange

User Guides & Forms

Finding Records

Hours:  
8am-5pm Monday to Friday  
[CAIRHelpdesk@cdph.ca.gov](mailto:CAIRHelpdesk@cdph.ca.gov)  
Phone: 800-578-7889  
Fax: 888-436-8320

Welcome to the CAIR Inform

Digital Vaccine Records

Parent FAQs(English)

- Parent FAQs(Spanish)

Health Plans

- Health Plan Usage Reports

Community Health Centers

Schools

# Who should I contact with my question?

## Your Local CAIR Representative (LCR)

[go.cdph.ca.gov/cair-lcr](https://go.cdph.ca.gov/cair-lcr)

- Org Accounts (enrollment, Org Type changes, site ownership changes, site closure, etc.)
- User Role types (e.g., Regular, Power, QA, etc.)
- Account Update walkthrough
- CAIR training issues/questions
- CAIR features (adding doses, using Inventory, transferring vaccine, running reports, etc.)
- AB1797
- Reporting CAIR issues/bugs
- CAIR VFC-related questions
- Locked/Not-disclosed patient records
- Transitioning from manual use of CAIR to Data Exchange (DX)
- Inactivating Shotgivers in your CAIR 'Admin By' dropdown
- Ordering CAIR Disclosure posters

# Contact the CAIR Help Desk if you need help with:

[CAIRHelpDesk@cdph.ca.gov](mailto:CAIRHelpDesk@cdph.ca.gov) ; 800-578-7889

- All CAIR password-related issues
- User account disabled, locked, unable to log-in
- User account issues/changes (inactivating, reactivating, upgrading/downgrading, adding/transferring users to other sites, etc.)
- Account Update (how to submit, status of submitted requests, etc.)
- Duplicate/incorrect Patient Records
- CAIR system not working/error messages displaying
- Did not receive Completion of CAIR Training email or CAIR log-in information email



# Tips for Contacting the CAIR Help Desk

[CAIRHelpDesk@cdph.ca.gov](mailto:CAIRHelpDesk@cdph.ca.gov) 800-578-7889

Business Hours: Monday - Friday 8:00am–5:00pm

## Passwords:

- Always try the **Forgot Password?** Button first.
- If that doesn't work, your supervisor must email the Help Desk and include your site's CAIR Org Code, your CAIR Username, a description of the issue (including a screenshot if possible) to verify that you are still employed at the organization and to request your password be reset.

## Calls:

- There is no voicemail. All calls are answered live during Business Hours in the order they are received.
- If you are unable to reach someone, send an email.

## Email:

- Always include your CAIR Org Code, CAIR Username, a description of the issue and screenshot if possible.
- Allow 24-48 hours for a response to give the Help Desk time to research/troubleshoot the issue as needed.



# Additional Contacts

- **SCRL / CAIR Hub:**  
[Cairhub@cdph.ca.gov](mailto:Cairhub@cdph.ca.gov) or call 800-578-7889
- **Medical Exemptions:**  
[medicalexemptions@cdph.ca.gov](mailto:medicalexemptions@cdph.ca.gov)
- **School Reporting:**  
[shotsforschool@cdph.ca.gov](mailto:shotsforschool@cdph.ca.gov)

# Current COVID/CAIR2 Contact Information

## Orange County Local CAIR Representatives:

Albert Lopez: [Albert.Lopez@cdph.ca.gov](mailto:Albert.Lopez@cdph.ca.gov) | 510-672-4328

Ryan Thun: [Ryan-Christopher.Thun@cdph.ca.gov](mailto:Ryan-Christopher.Thun@cdph.ca.gov) | 559-375-4220

## Provider Call Center:

Email: [providercallcenter@cdph.ca.gov](mailto:providercallcenter@cdph.ca.gov)

Phone: (833) 502-1245

## CAIR Help Desk

Phone: 800-578-7889 option #4

Email: [CAIRHelpDesk@cdph.ca.gov](mailto:CAIRHelpDesk@cdph.ca.gov)

## CAIR Data Exchange Specialists

Email: [CAIRDataExchange@cdph.ca.gov](mailto:CAIRDataExchange@cdph.ca.gov)

**Thank you!**  
**Questions?**





LIVE WELL  
SAN DIEGO

# Immunization/Vaccine Preventable Diseases Epidemiology Updates June 4, 2024

Sahar Nafez-Sabzwari, MPH

Epidemiologist II

Epidemiology and Immunization Services Branch  
(EISB)

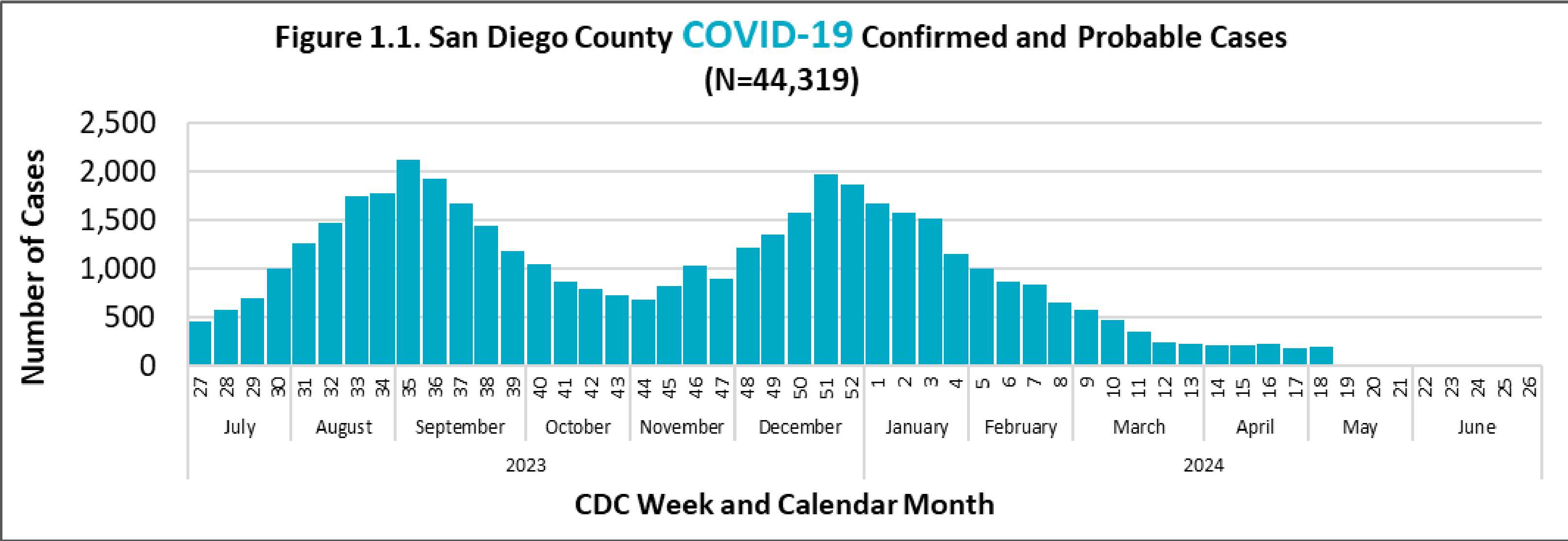


# COVID-19 Case and Vaccination Trends





# COVID-19 Cases – Local Results



\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.

Data source: County of San Diego communicable disease registry (WebCMR)

Data through 5/4/2024

[Respiratory Viruses Surveillance \(sandiegocounty.gov\)](https://sandiegocounty.gov/health/human-services/communicable-disease-registry)

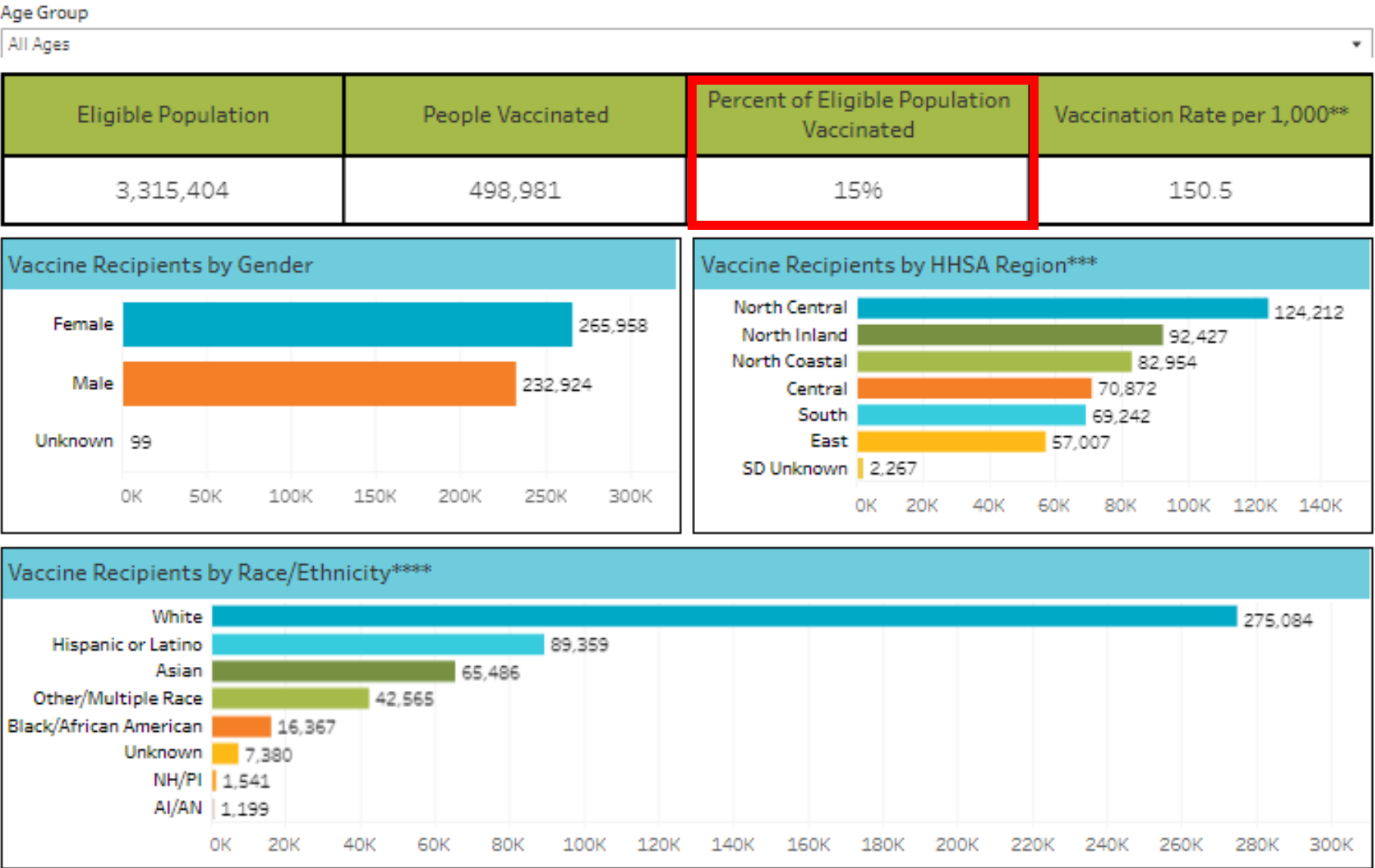


LIVE WELL  
SAN DIEGO

# COVID-19 Vaccines – Local versus State Results

Data through May 18, 2024. Updated May 23, 2024. Data are preliminary and subject to change.

## Demographics of San Diego County Residents who are Up-to-Date on COVID-19 Vaccination by Age Group



## Total CA Population

County: Statewide Age Group: (All)

**5,769,261**

Up-to-Date Recipients

**14.4%**

of California Population

**96,040,757**

Total Doses Administered

See [Data Dictionary](#) for Details.

## Percent of Up-to-Date Persons by County of Residence



2.4% 31.7%

Data: 4/30/2024 11:59pm | Posted: 5/1/2024  
\*Not reported on weekends or state holidays

[COVID Vaccine Data \(ca.gov\)](#)

[COVID 19 Vaccines Administered Dashboard \(sandiegocounty.gov\)](#)



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SAN DIEGO

# COVID-19 Vaccines – Second Doses for People 65+

Count of People 65+ with Second Dose of 23-24 COVID Formulation	Population 65+ in San Diego County	Percent Vaccinated Second Dose
28,073	518,695	5.41%

Data source: California Immunization Registry (CAIR2)  
Data through 5/12/2024



# 2024/25 COVID-19 Vaccine

## COVID-19: FDA VRBPAC Meeting Postponed

- **Now, June 5, 2024:** the FDA Vaccines and Related Biologic Products Advisory Committee (VRBPAC) will meet to discuss and make recommendations on the selection of strain(s) to be included in the 2024-2025 Formula for COVID-19 vaccines.
  - This new date will allow for additional time to obtain surveillance data and other information so VRBPAC will have more up-to-date information when discussing and making recommendations. FDA does not anticipate that the date change will impact COVID-19 vaccine availability for the Fall.
- June 26-28, 2024: CDC ACIP anticipated to review and vote on recommendations for 2024-25 season
- Late Summer – Fall: 2024-25 vaccine anticipated to be available for use

[FDA VRBPAC Meeting Announcement \(rescheduled 6/5/24\)](#)

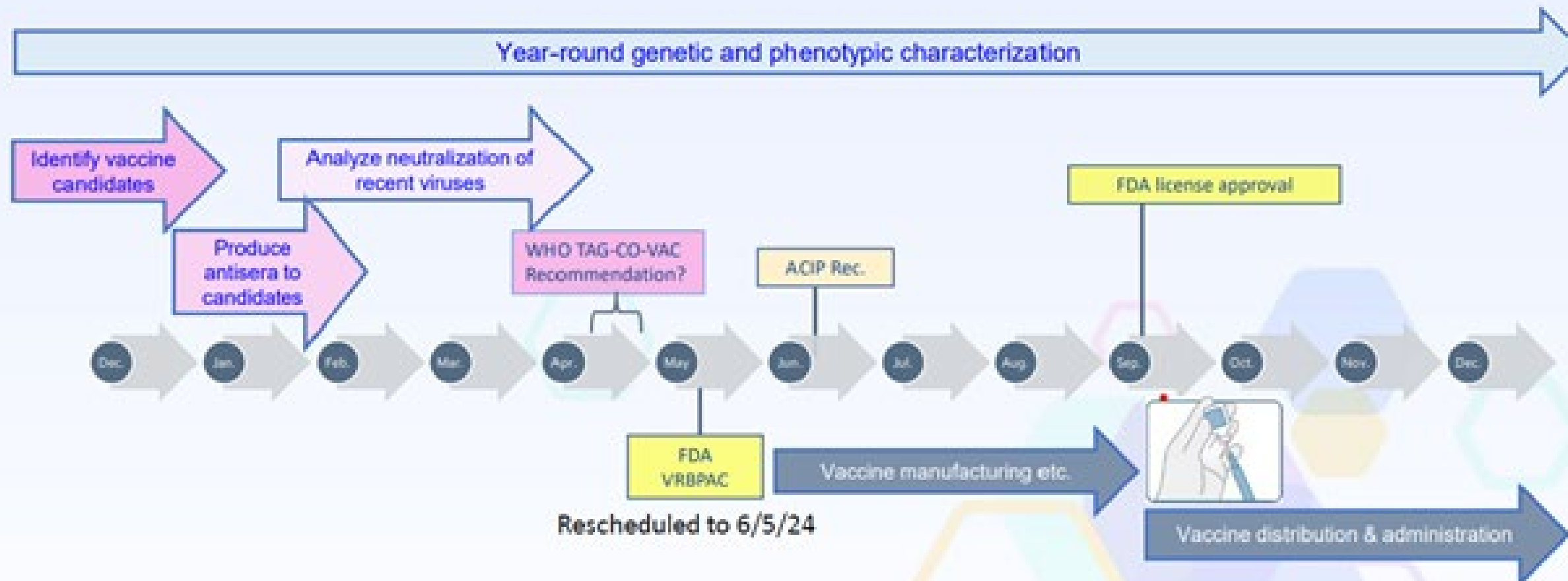
[ACIP Meeting 2/28/24: COVID-19 vaccine policy and next steps \(cdc.gov\)](#)





# Timeline of 2024/25 COVID-19 Vaccine

## Revised Time Frame for 2024-2025 COVID-19 Vaccine Availability



**Proposed changes:** WHO-TAG-CO-VAC mid-late April (exact date to be determined), FDA VRBPAC in May, ACIP in June

Slide for discussion purposes. Information is approximated and exact timelines for manufacturing are inferred.

WHO: World Health Organization | TAG-CO-VAC: Technical Advisory Group on Covid-19 Vaccine Composition | FDA: Food and Drug Administration | VRBPAC: Vaccines and Related Biologic Products Advisory Committee | ACIP: Advisory Committee on Immunization Practices

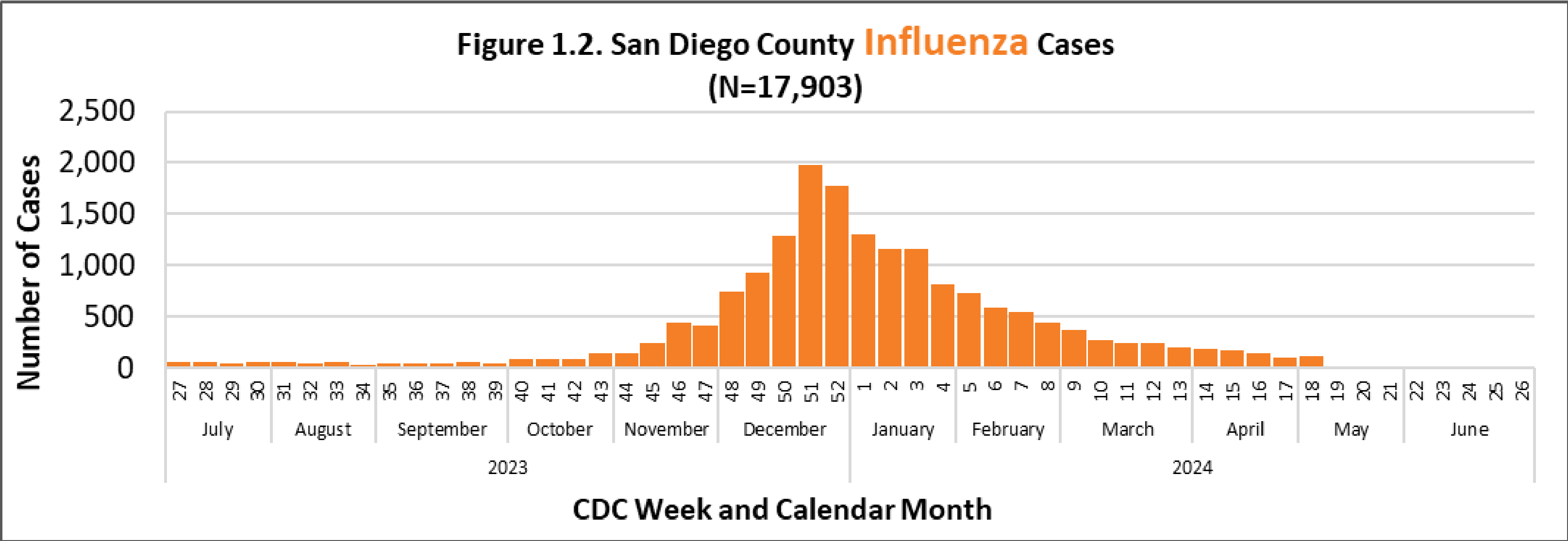
[Vaccines and Related Biological Products Advisory Committee May 16, 2024 Meeting Announcement - 05/16/2024 | FDA](#)

# Influenza Case and Vaccination Trends



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# Influenza Cases – Local Results



\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.

Data source: County of San Diego communicable disease registry (WebCMR)

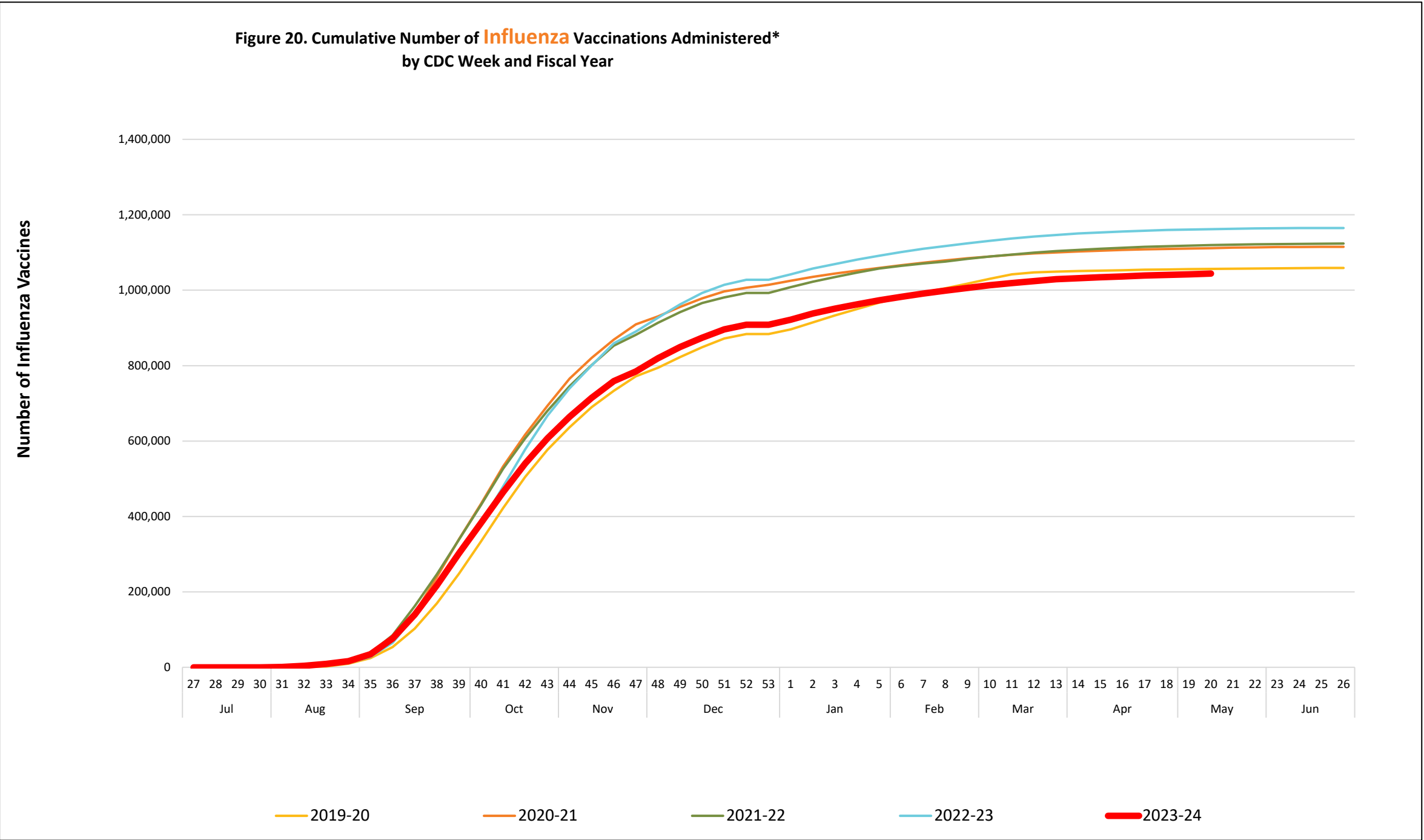
Data through: 5/4/2024

[Respiratory Viruses Surveillance \(sandiegocounty.gov\)](https://sandiegocounty.gov/health/human-services/communicable-disease-registry)



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# Influenza Vaccines – Local Numbers



Data source: California Immunization Registry (CAIR2)  
Data through: 5/4/2024

**2023-2024:  
31.8% of  
eligible San  
Diego  
residents**



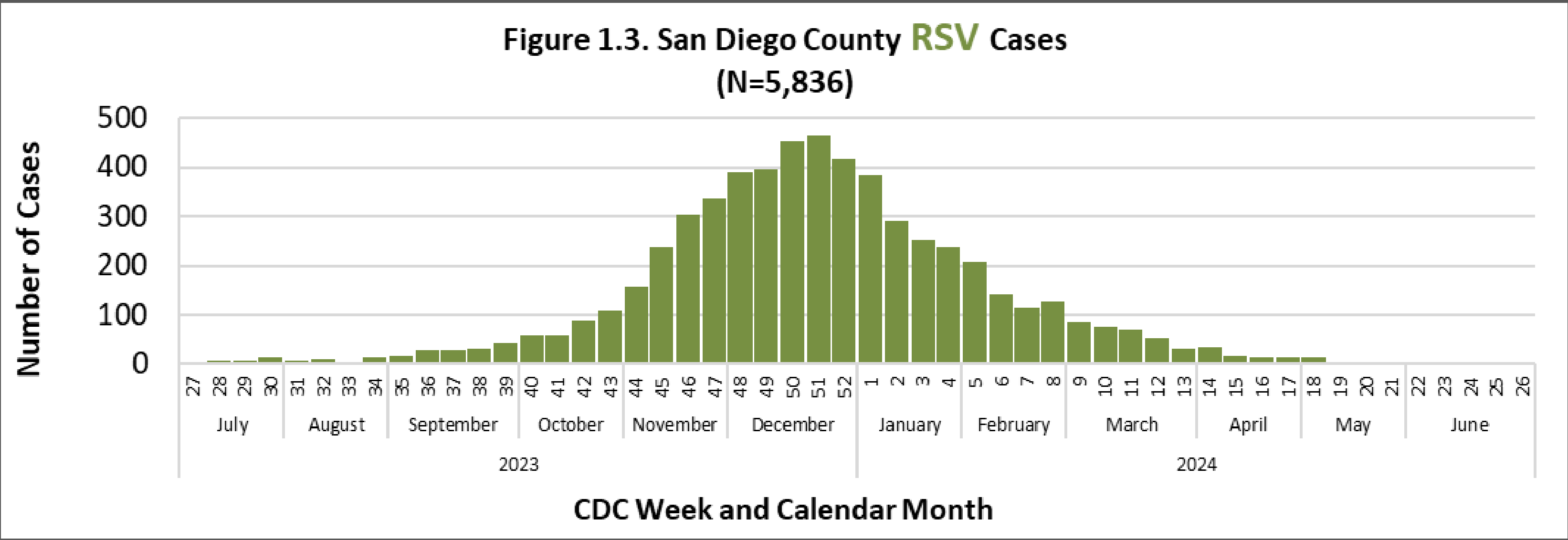
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SAN DIEGO



# RSV Case and Vaccination Trends



# RSV Cases – Local Results



\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.

Data source: County of San Diego communicable disease registry (WebCMR)

Data through: 5/4/2024

[Respiratory Viruses Surveillance \(sandiegocounty.gov\)](https://sandiegocounty.gov/health/human-services/communicable-disease-registry/)



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SAN DIEGO

# RSV Vaccines – Local Results

- There have been 119,370 doses of RSV vaccine and monoclonal antibodies administered to 118,278 individuals
  - Arexvy (for 60+): 85,654 (71.8%)
  - Abrysvo (for 60+ or pregnant): 26,273 (22.0%)
  - Palivizumab and Nirsevimab (babies): 7,422 (6.2%)
- Pharmacies have administered 77.0% of all doses
- Private providers have administered 19.6% of all doses
  - Kaiser – 73.1%
  - Scripps – 10.5%
  - Sharp – 9.8%
  - UCSD – 5.9%
- Peak of administration in mid-November

# Random Digit Dialing Surveys





# Random Digit Dialing (RDD) Surveys

- The County of San Diego conducts Random Digit Dialing (RDD) telephone surveys to assess immunization coverage rates and knowledge, attitudes, and beliefs about vaccines among San Diego County residents.
- Coverage rates serve as a measure of trends in community adherence to the Center for Disease Control and Prevention (CDC) schedule of recommended immunizations.
- The County of San Diego has been conducting RDD telephone surveys in different age groups since 1995, with the most recent survey being completed in 2021.
- Immunization coverage rates in four different populations are assessed:
  - Children 19-35 months of age
  - Adolescents 11-17 years of age
  - Pregnant women and mothers of children <36 months of age
  - Adults 18 years of age and older
- The 2024 RDD is slated to occur summer through winter 2024.

# Contact



For questions or comments, please contact the County of San Diego Immunization Unit.

Sahar Nafez-Sabzwari, Epidemiologist II

[sahar.nafezsabzwari@sdcounty.ca.gov](mailto:sahar.nafezsabzwari@sdcounty.ca.gov)

(619) 261-1502



*The Public Health Services department, County of San Diego Health and Human Services Agency, has maintained national public health accreditation, since May 17, 2016, and was re-accredited by the Public Health Accreditation Board on August 21, 2023.*

# State-Purchased Influenza Vaccine Program (SGF) Update

Araceli Montero, MPH

State-Purchased Influenza Vaccine Admin Coordinator

Epidemiology and Immunization Services Branch

Immunization Unit

June 4, 2024



# 2023-2024 State-Purchased Influenza Program

## Provider Resource Webpage

- Vaccine Incident Reporting Process
- Weekly Report Forms
- Mass Vaccination Forms
- Vaccine Information Statement
- Temperature Log Forms
  - Refrigerator temperature logs
  - Vaccine Transport logs
  - CAIR disclosure forms

### Resources for State-Purchased Influenza Vaccine Program Providers

Please see links below for important forms and other resources to help you manage state-funded influenza vaccine.

#### 2023-2024 Annual State-Purchased Influenza Training Map

- [2023-2024 Annual State-Purchased Influenza Training Map](#)

#### Enrollment Packet State-Purchased Influenza Vaccine

- [Cover Letter State Influenza Vaccine Program](#)
- [Packet Checklist State Influenza Vaccine](#)
- [Agreement of use for CDPH Influenza Vaccine](#)
- [State-Purchased Influenza Vaccine Management Plan](#)
- [Vaccine for Children Vaccine Management Plan](#)
- [Refrigerator Temp Logs: Fahrenheit | Celsius](#)
- [2023-2024 State-Purchased Influenza Vaccine Annual Provider Training \(Flyer\)](#)

#### Training

- [State Flu Vaccine Program Annual Requirements Training Slides Part 1](#)
- [State Flu Vaccine Program Annual Requirements Training Slides Part 2](#)
- [State-Funded Influenza Vaccine Program Requirements Training Post-Test](#)

#### Receiving State Flu Vaccine

- [Guidelines for Transporting Refrigerated Vaccine](#)
- [Refrigerated Vaccine Transport Log](#)
- [Vaccine Pick-Up from the County Operations Center](#)
- [Directions Vaccine Pick-Up from the County Operations Center-COC](#)
- [State Flu Training Flyer](#)

#### Managing State Flu Vaccine Inventory

- [CAIR Inventory User Guide](#) (Updated as new inventory is received)
- [Refrigerator Temperature Log](#)
  - [Fahrenheit](#)
  - [Celsius](#)
- [When to Dispose of a Multi-Dose Vials \(MDV\) 2022-2023](#)
- [Guide to 2022-23 Pediatric and Adult Influenza Vaccine Products](#) (Including photos)

#### Weekly Report Form

- [Clinic Provider 2023-2024 State Flu Program Weekly Report Form - Fillable](#)
- [Outreach Event Short 2023-2024 State Flu Program Weekly Report Form - Fillable](#)
- [Outreach Provider 2023-2024 State Flu Program Weekly Report Form - Fillable](#)

#### Resources for Outreach Vaccination Events

- [Mass Vaccination Registration and CAIR Disclosure Form Template](#) (Available in English, Spanish, and Arabic)
- [Hourly Temperature Log for Outreach Events](#)
- [Storage and Handling Reminders for Vaccination Events and Transporting Vaccine](#)
- [Medical Solid Waste Security—Frequently Asked Questions and Best Practices](#)
- [Department of Environmental Health Medical Waste at Temporary Events Website](#)
- [MyTurn Flu Vaccination Registration Form](#) (English)





# SGF Program Vaccine Incident Reporting Process

## Temperature Excursions and Vaccine Handling

- [Storage and Handling Incident Reporting Process](#)
- [State Flu Vaccine Storage and Handling Incident Report Form](#)

### State-Purchased Influenza Vaccine Storage and Handling Incident Reporting Process

Temperature excursions and vaccine handling incidents may damage vaccines and impact vaccine viability. All storage and handling incidents must be documented and reported to the State-Purchased Influenza Vaccine Program. The information reported is used to determine whether the vaccine remains viable and can be safely administered to patients. Timely and accurate reporting of **all incidents** is essential to a successful determination of vaccine viability.

This information refers to **state-purchased influenza vaccine only**. Incidents involving Vaccines for Children (VFC) products, or vaccine from any other funding source stored in the affected storage unit, must be reported to the appropriate program per specific reporting procedures. **Do NOT report state-purchased influenza vaccine storage and handling incidents to VFC/SHOTS.**

When is it required to report a temperature excursion?	When is it required to report a vaccine handling incident?
<ul style="list-style-type: none"><li>When the temperature goes above 46.0°F or 8.0°C for <b>any amount of time</b>.</li><li>When the temperature goes below 36.0°F or 2.0°C for <b>any amount of time</b>.</li><li>Any planned or unplanned power outages with vaccine in a unit that goes out of range.</li></ul>	<ul style="list-style-type: none"><li>When vaccine was left out at room temperature for longer than recommended or not returned to the refrigerator within 8 hours of being removed.</li><li>When digital data logger (DDL) reports cannot be produced (e.g., deleted DDL reports, data loss, DDL malfunctions, vaccine transported without a DDL)</li></ul>

Respond

Compile

Submit

- Stop** administering vaccine from affected unit and post a **"DO NOT USE"** sign on the unit and vaccines. Do not discard the vaccines.
- Notify** the clinic Vaccine Coordinator or Clinic Supervisor/Manager immediately.
- Transport** the vaccine to an approved alternative unit or storage location in an appropriate cooler, if necessary.
- NEVER** allow vaccine to remain in a malfunctioning storage unit.
- Identify and address** the cause of the temperature excursion before you silence the DDL alarm.
- Check the basics:** storage unit doors not properly closing, storage unit malfunction, DDL settings, power outage, etc.

- Download** the digital data logger (DDL) report.
- Document** incident on the manual temperature log
- Contact** the vaccine manufacturer and request stability information for each vaccine product affected based on this incident.
  - Inform manufacturer if vaccine has experienced previous excursion/ incident.*

[GSK Stability Calculator](#)

GlaxoSmithKline (GSK)	(888) 825-5249
Sanofi Pasteur	(800) 822-2463
Sequiris	(855) 358-8966

- Submit** State General Fund Storage and Handling Incident Report [online](#).
  - Include all required information and documentation: e.g., DDL report, stability report.*
- Follow up** If you do not receive a response within one business day (does not include confirmation email), email [HHSA.CountyFluVaccine@sdcounty.ca.gov](mailto:HHSA.CountyFluVaccine@sdcounty.ca.gov).
- Additional contact information:**
  - State Flu Vaccine Administrative Coordinator (619) 366-7128 (Monday - Friday, 8am to 5 pm)
  - State Flu Vaccine Clinical Coordinator (619) 373-2934 (Monday - Friday, 8am to 5pm)
  - Vaccine and Surge Coordinator (619) 980-0419 (Monday – Friday 7:30am to 4pm)

Updated July 26, 2023

Epidemiology and Immunization Services Branch



### State-Purchased Influenza Vaccine Storage and Handling Incident Report Form

Please complete this form within one business day of discovery of incident. Please upload the following at the end of this form:

- Manufacturer stability report(s),
- Data logger report, including 24 hours prior to the incident

If you have any questions, please email [HHSA.CountyFluVaccine@sdcounty.ca.gov](mailto:HHSA.CountyFluVaccine@sdcounty.ca.gov).

Instructions:

Store vaccines in unit with acceptable range.

Label vaccines "DO NOT USE" until further guidance.

Report Date \*

Discovery Date \*

Discovery Time \*

Please use the 24 hour format: ##.##

Name of Person Reporting \*

Phone Number \*

Phone Ext.

Practice/Clinic Name \*

Contact Email \*

Problem \*

- ☐ Temperature too warm [above 46.0°F (8.0°C)]
- ☐ Temperature too cold [below 36°F (2.0°C)]
- ☐ Data Loss
- ☐ Other



LIVE WELL  
SAN DIEGO

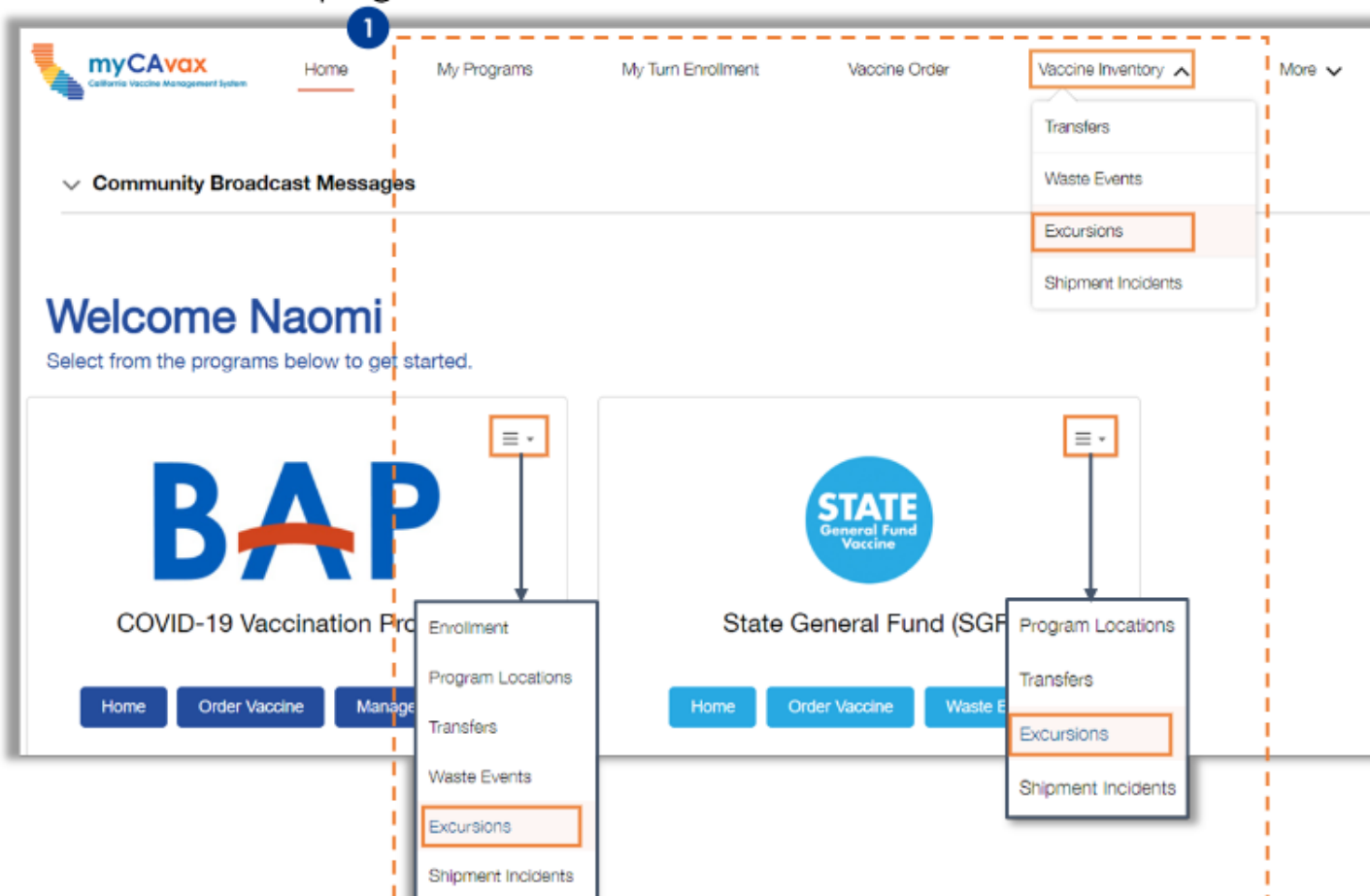
Continue to report for any  
SGF doses on hand up to  
expiration 6/30/2024

# Program Vaccine Incident Reporting Process in myCAvax

- ✓ Purpose is to provide an overview of reporting a vaccine excursion event.

## Part One: Logging an Excursion Event (1 of 6)

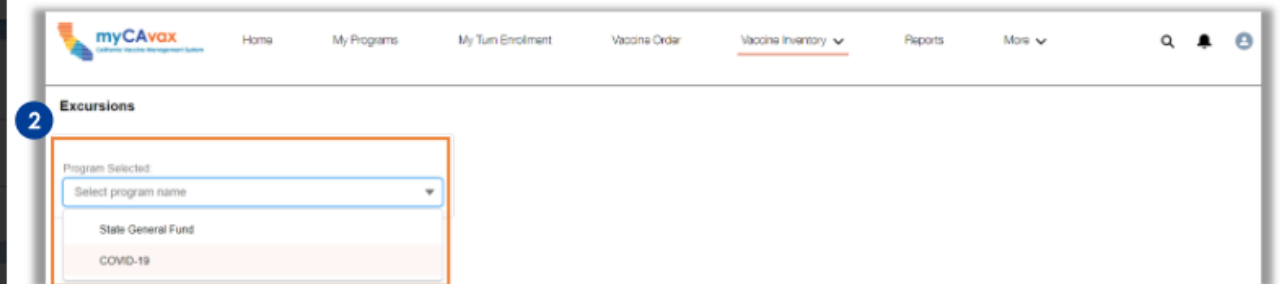
1. On the home page, select 'Excursions' from the 'Vaccine Inventory' dropdown on the navigation bar. Alternatively, select 'Excursions' from the program tiles to navigate to the respective program's 'Excursions' page.



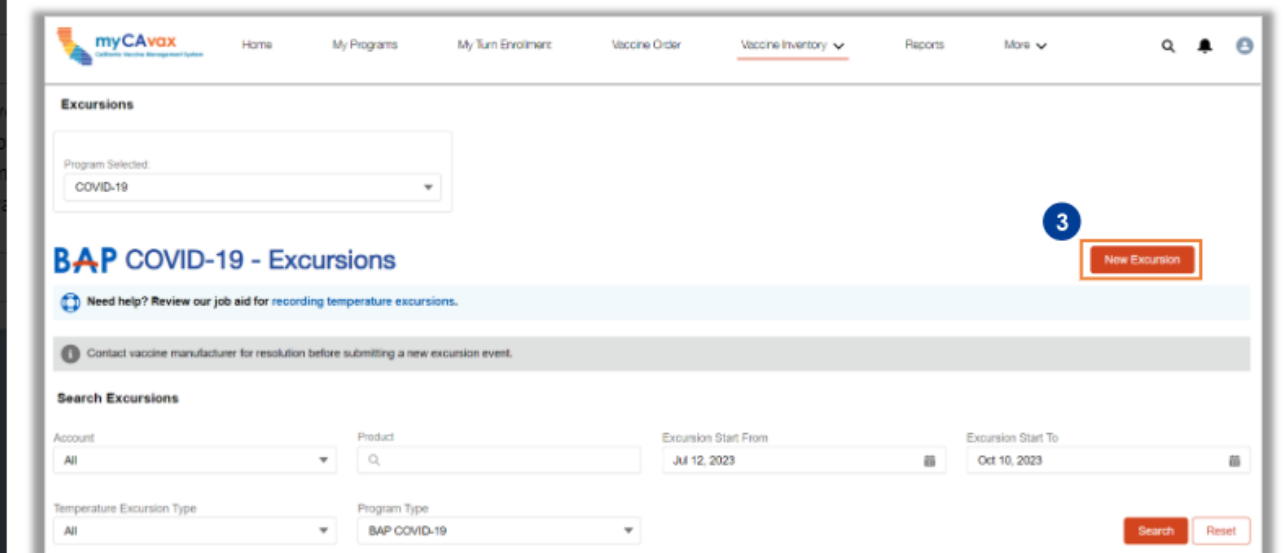
- ✓ All providers must report an excursion when vaccine doses are exposed to temperatures outside the recommended range. Each affected vaccine excursion event requires a report.

## Part One: Logging an Excursion Event (2 of 6)

2. Select 'State General Fund' or 'COVID-19' from the 'Program Selected' dropdown.



3. Click the 'New Excursion' button to open the 'New Temperature Excursion' pop-up window.



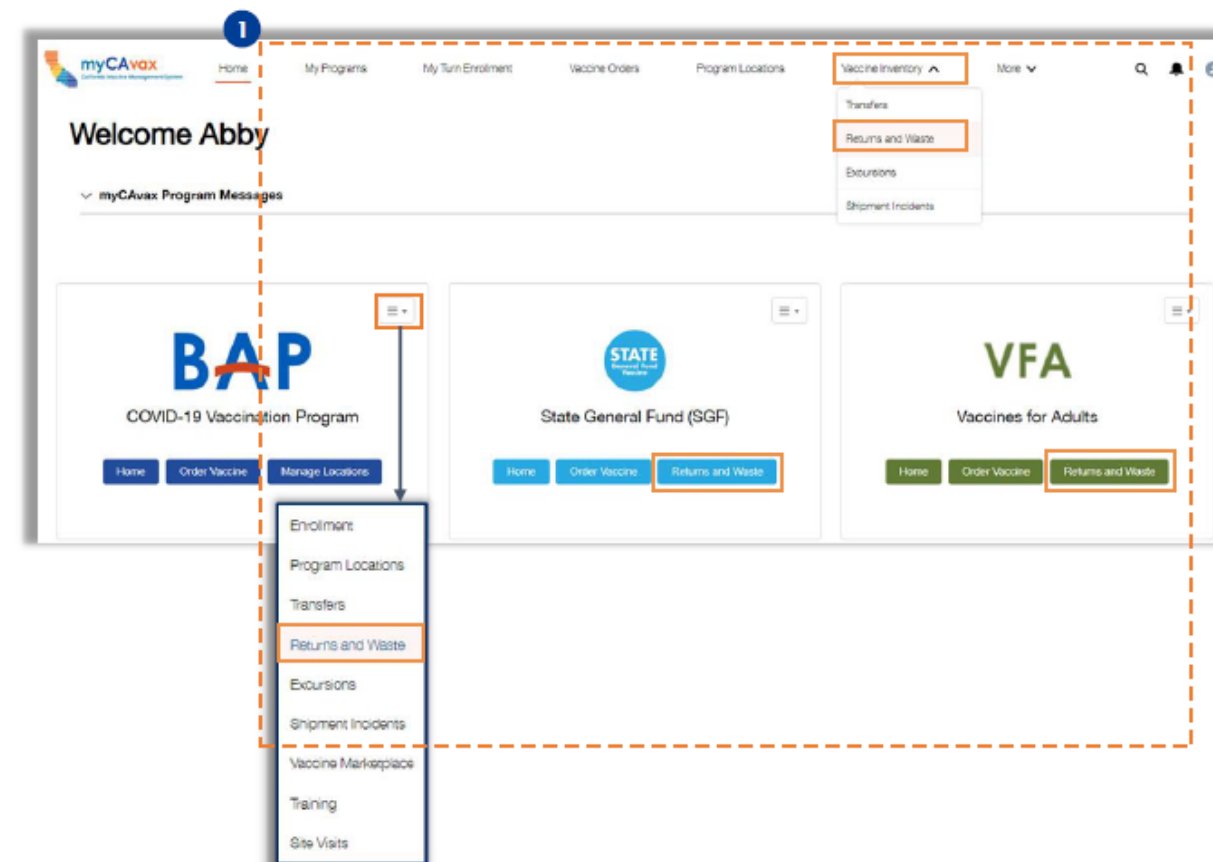
**Note:** When a time-sensitive product is exposed to temperatures outside of the recommended range, report the excursion event in the myCAvax system. Contact the vaccine manufacturer for guidance on if the vaccine is still viable.



# Program Vaccine Return of Expired SGF Doses

- All expired State Influenza vaccines must be recorded in **myCAvax** and returned to **McKesson**.
- Please choose the **email option** to expediate the process.
- You will receive the return shipping label the day after the order is processed by CDPH so do not be alarmed if the label does not arrive in your email immediately.
- See the **job aid** in myCAvax for step-by-step instructions on recording waste in myCAvax.
- **Note:** although the examples are for the BAP COVID-19 program the process is similar for the State General Fund program.

1. On the home page, select 'Returns and Waste' from the 'Vaccine Inventory' dropdown on the navigation bar. Alternatively, select 'Returns and Waste' from the program tiles to navigate to the respective program's 'Returns and Waste' page.



Unable to record waste if vaccine is not expired





# 2023-2024 State-Purchased Influenza Program Update

## Vaccine Used for SGF Providers

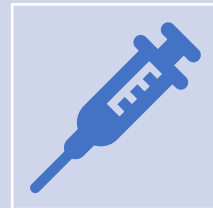
- Total Doses: **39,099** (82%)
  - Fluarix PF Syr: 34,557
  - Fluzone MDV Doses: 2,853
  - Fluad Syr: 1,655
  - FluMist: 34
- Total Wasted: **493** (1%)
- On hand with providers total: **2,659** (5%)



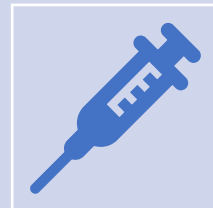


# 2023-2024 SGF Program

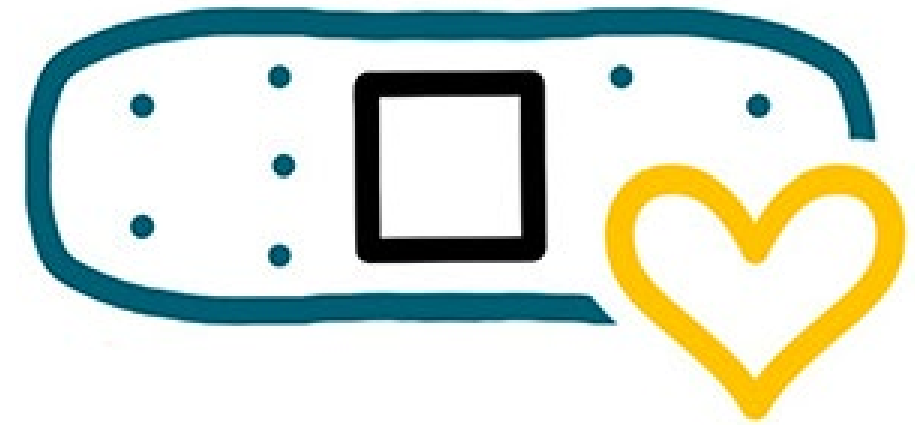
# Reminder



Weekly reporting continue until you have finished vaccination and have zero inventory of State Flu on hand.  
**Last Weekly Report July 1, 2024**



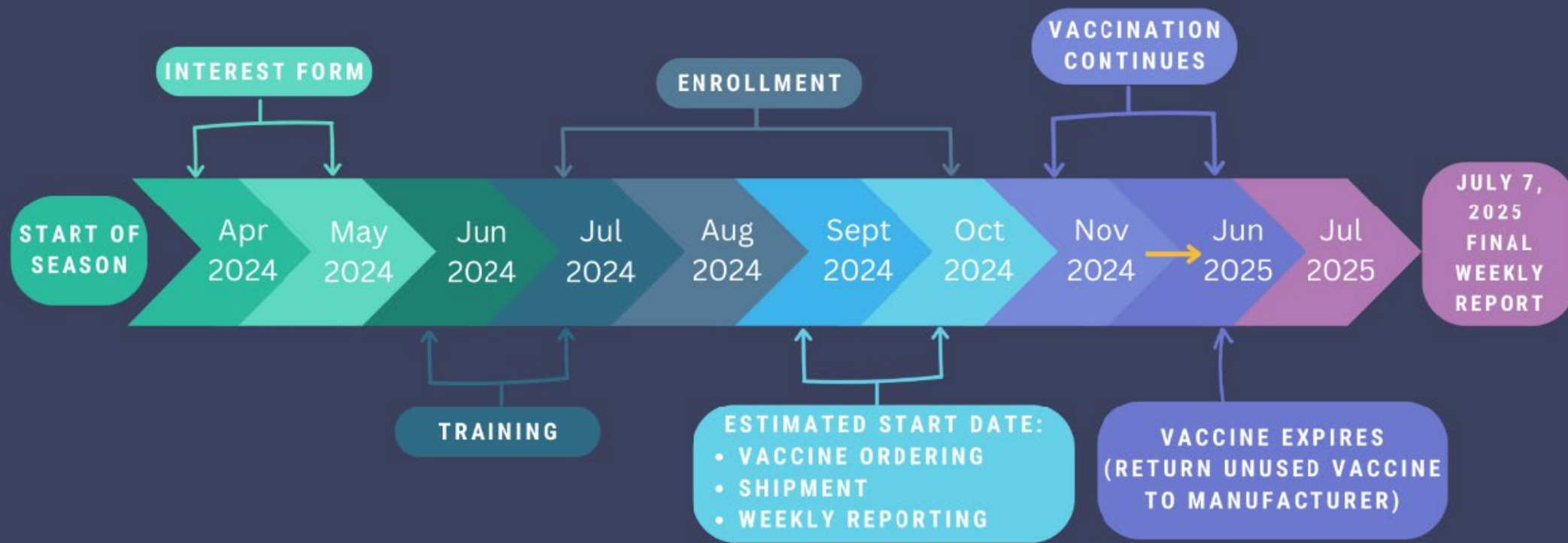
All SGF Providers are required to return any **expired** and unused vaccine doses directly to the manufacture under the SGF provider account in myCAvax.



# 2024-2025 SGF Program Timeline

COUNTY OF SAN DIEGO STATE-PURCHASED INFLUENZA VACCINE PROGRAM

## 2024-2025 PROJECTED SEASON TIMELINE



\*THE TIMELINE PROVIDED IS SUBJECT TO CHANGE\*

UPDATED MAY 13, 2024

- April – May 2024: Interest Form
- June – July 2024: Annual Training
- July – Oct 2024: Enrollment
- Sept – Oct 2024: Start Date (Ordering, Shipment, Weekly Reporting)
- Nov 2024 – June 2025: Vaccination
- July 7, 2025: Final Weekly Report

\*\*This timeline is subject to change

\*\*Interest and enrollment can occur at any point in the season



# 2024-2025 SGF Program Interest Form

## Interest Form

Received: 119

- Organization Refers to the group the location is lead by
- Location refers to a specific site where services are provided

Forms received later are not included in upcoming season communications.

County of San Diego 2024-2025 State-Purchased Influenza Vaccine Program Interest Form

Seasonal State General Fund (SGF) influenza vaccine is distributed by the California Department of Public Health (CDPH) to local health departments (LHDs), including the County of San Diego Immunization Unit, to be used by Public Health Centers, Federally Qualified Health Centers, and 501(c)(3) organizations in accordance with LHD policies and procedures. Approved Public Health Centers, Federally Qualified Health Centers, and 501(c)(3) organizations can receive and administer the State-Purchased seasonal influenza vaccines to individuals with limited access to healthcare at no cost.

If your facility is interested in receiving State-Purchased Influenza Vaccine, please complete this form online. Once your organization's eligibility has been determined, you will receive an Agreement for Use and a list of supplemental enrollment information to complete. If you have any questions, please email [hhsa\\_countyfluvaccine@sdcounty.ca.gov](mailto:hhsa_countyfluvaccine@sdcounty.ca.gov)

**Storage and Handling Requirements to receive State-Purchased Influenza Vaccine**

1. Approved stand-alone refrigerator unit used solely for vaccine storage. See <http://eziz.org/vaccine-storage/> for examples of acceptable storage units.
2. Temperature monitoring twice daily using a CDPH approved digital data logger (see <http://eziz.org/vaccinestorage/digital-data-loggers/> for examples of acceptable digital data loggers)
  - a. At least one battery operated backup data logger is required.
3. Report all vaccine handling incidents to the County of San Diego Immunization Unit. Refer to the instructions on the [State-Purchased Influenza Vaccine Resources \(sandiegocounty.gov\)](#) webpage in the Temperature Excursions and Vaccine Handling Section.

**All form fields are required for each participating location in your organization. Including any mobile unit location(s).**

Organization Name

Main Point of Contact Full Name

Phone number

Email



# Annual Flu Training 2024-2025 Season



## Who should attend:

- ✓ Primary Vaccine Coordinator and Backup Vaccine Coordinator
- ✓ Program knowledge
- ✓ New Incoming Staff

- ☐ Register in Advance
- ☐ Provide the information of the intended person during the registration process.
- ☐ To Cancel any registration, use check box on the registration form.

### Training Date \*

Trainings will be scheduled at:

- **Southeastern Live Well Center:** 5101 Market St, San Diego, CA 92114
  - Tuesday, 6/11/2024, 9AM - 11AM
  - Tuesday, 6/25/2024, 1PM - 3PM
  - Thursday, 7/11/2024, 9AM - 11AM
  - Thursday, 7/18/2024, 1PM - 3PM
- **North Inland Live Well Center:** 649 W Mission Ave, Escondido, CA 92025
  - Tuesday, 6/18/2024, 9AM - 11AM

Direction and location details will be sent out with the registration confirmation.

Select ▼

If you have **previously registered for a training and would like to cancel that registration, please check the following box.** This is to prevent duplicate registrations and have a better reflection of seat availability for each training.

☐ This is a re-registration, please cancel my previous registration.

## For more information contact:

State Flu Vaccine Team

[HHSA.CountyFluVaccine@sdcounty.ca.gov](mailto:HHSA.CountyFluVaccine@sdcounty.ca.gov)



# 2024-2025 SGF Program

# Reminder



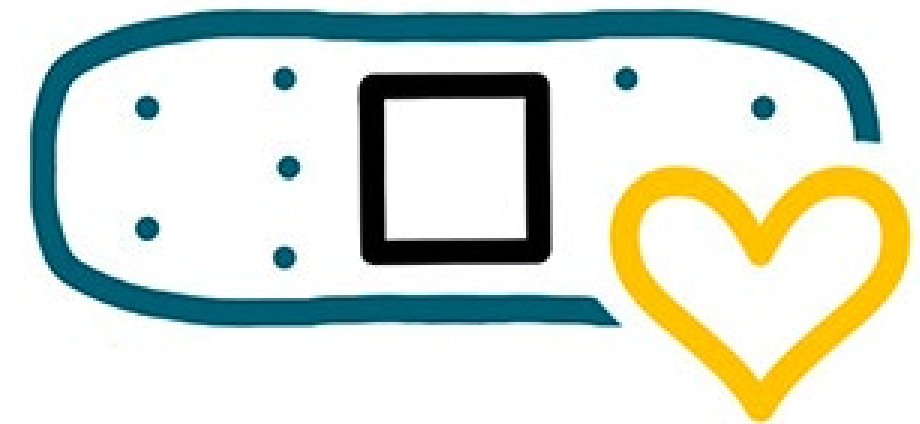
Submit Interest Form for the 2024-25 Flu Season to be included in any upcoming communications



Enroll & Attend 2024-2025 Mandatory Annual State Flu Training



Supplemental Enrollment Packets will be requested from providers including guidance on submission



# Thank you

**Araceli Montera, MPH**

**State Influenza Vaccine Admin Coordinator  
Epidemiology and Immunization Services  
Branch**

**Immunization Unit**

**O: (858) 505-6724 | C: (619) 366-7128**

**[HHSA.CountyFluVaccine@sdcounty.ca.gov](mailto:HHSA.CountyFluVaccine@sdcounty.ca.gov)**



# Upcoming Events

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## July

- 23 – Physician's Advisory Committee (PAC) Meeting
- 25 – Immunization Skills Institute

## August

- 7 - PAC – Vaccines for Women (PAC-V4W) Subcommittee Meeting
- 29 – 20<sup>th</sup> Annual Kick the Flu Summit



An aerial photograph of a coastal town built on a steep cliff overlooking the ocean. The town features numerous houses and buildings, with a prominent white church steeple visible on the left. The ocean is a deep blue-green, with white waves crashing against the base of the cliff. The sky is filled with soft, white clouds, suggesting a bright but slightly overcast day. The overall scene is peaceful and scenic.

# RAFFLE TIME!



A scenic view of a coastal cliff with houses on top and the ocean below. The cliff is made of light-colored, eroded earth. The ocean is a deep blue, and the sky is a pale blue. The houses are small, white, and have red roofs. The text "THANK YOU!" is overlaid in a large, dark blue, sans-serif font.

# THANK YOU!