



# GENERAL MEETING



**FRIDAY, JUNE 9TH**  
**1:00 – 4:00 PM**





## FORMAL WELCOME AND ANNOUNCEMENTS - AGENDA

TIME (PM)	ITEM
1:00 – 1:15	Formal Welcome and Announcements
1:15 – 1:45	Guest Speaker: Monica McGill, MPH
1:45 – 2:15	Guest Speaker: Christian B. Ramers, MD, MPH, FIDSA, AAHIVS
2:15 – 2:30	Break (15 min)
2:30 – 3:15	<ul style="list-style-type: none"><li>- San Diego Epidemiology IZ Data</li><li>- Resident Rotation Program</li><li>- Vaccine Preventable Diseases Update</li><li>- State Flu Update</li></ul>
3:15 – 3:40	Vaccines for Children, Vaccines for Adults, and CAIR2 Updates
3:40 – 3:50	Announcements



## **Monica McGill, MPH**

Monica holds a Masters in Public Health with an emphasis on Health Promotion and Behavioral Science from San Diego State University. Monica is a Community Health Promotion Specialist with the Disease Prevention and Health Promotion Team in the Epidemiology and Immunization Services Branch. She is a Schools Immunization Law trainer and will be talking about Schools Immunization Reporting Data for the 22/23 school year.



# 2022-2023 SCHOOL IMMUNIZATION ANNUAL REPORTING RESULTS

*Final Report 2014-2023*

*Epidemiology and Immunizations Services Branch*

*Public Health Services*





- Background
- Methods
- Results
  - Immunization Coverage Executive Summary 2022-2023
  - Childcare Immunization Coverage Over Time 2014-2023
  - Kindergarten Immunization Coverage Over Time 2014-2023
  - 7<sup>th</sup> grade Immunization Coverage Over Time 2014-2023
- Recommendations and Next Steps



## PURPOSE OF THIS PRESENTATION

- To summarize and share the findings of the 2022-2023 annual reporting cycle and trends in immunization coverage in San Diego County over time from 2014-2023.
- Provide informed recommendations and suggestions to improve processes for future annual reporting cycles and continued compliance with California state immunization law.



## 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:** 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.
- **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.



## 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





## IMMUNIZATION ABBREVIATIONS

- **DTaP:** Diphtheria toxoid, tetanus toxoid, and acellular pertussis vaccine
- **Tdap:** Tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis
- **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



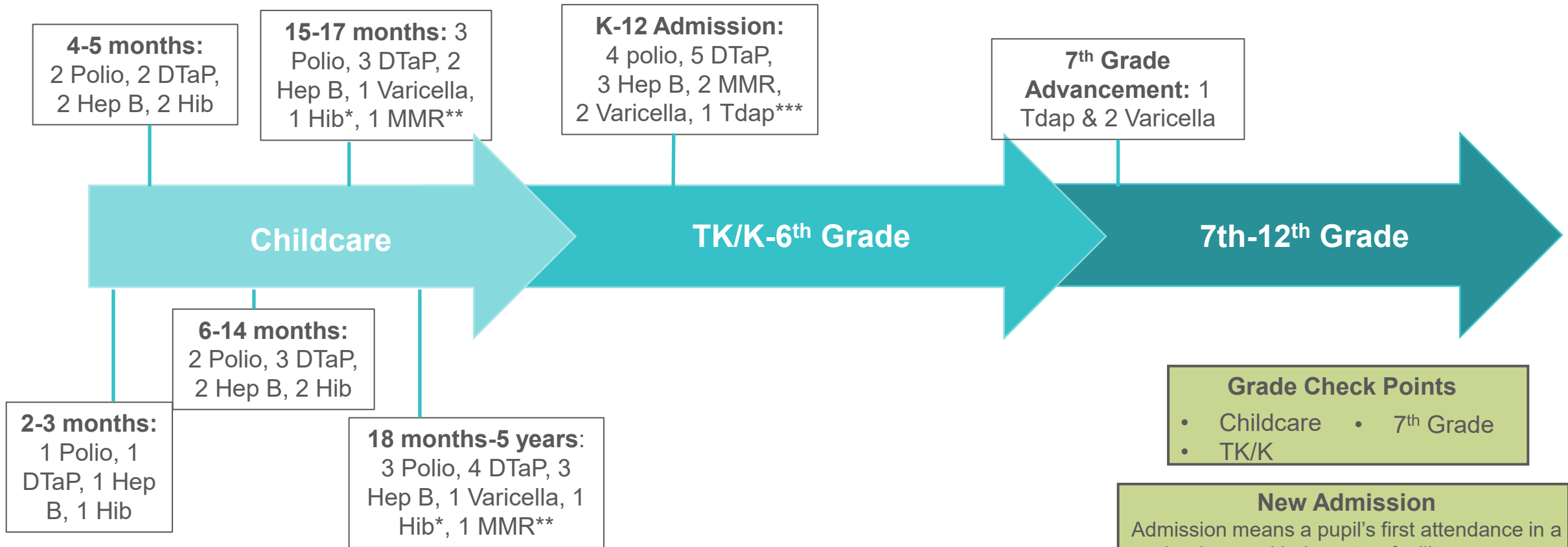
## CALIFORNIA SCHOOL IMMUNIZATION LAW

- 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 individualized education plan 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.

# REQUIRED IMMUNIZATIONS



## DOSES REQUIRED BY AGE WHEN ADMITTED & AT EACH AGE 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

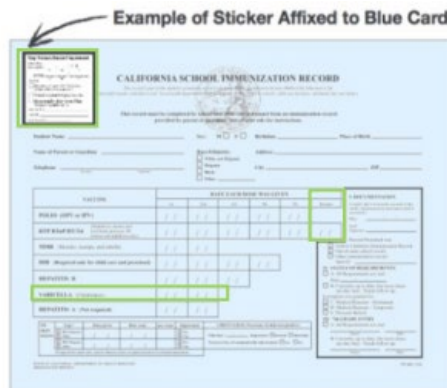
\*\*\*For 7<sup>th</sup>-12<sup>th</sup> graders, at least one dose of pertussis containing vaccine is required on or after the 7<sup>th</sup> birthday.

# 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, 1<sup>st</sup> grade, 7<sup>th</sup> grade, and 8<sup>th</sup> grade
  - 1<sup>st</sup> and 8<sup>th</sup> grade reports were added to Annual Reporting in '21-'22 to assess differences in immunization coverage due to the COVID-19 Pandemic.
  - Schools and childcares review the child's Blue Card on file and tally the child's reporting status.



#	Student	Has All Required Doses	If Missing Doses, Mark the Category (Reason)							Mark Missing Vaccines				
			PME	IEP	IND	Home	Conditional	TME	Overdue	Polio	DTaP	MMR	HepB	VAR
1.	Michael A.						x			x	x			
2.	Lily B.		x								x			x
3.	Rob C.							x		x	x	x	x	x
4.	Amber D.	x												
5.	Kristen E.								x		x			
<b>Total Number of Students (Equal to total of Has All Doses and Missing Doses categories)</b>		<b>All Doses (ARV)</b>	<b>PME</b>	<b>IEP</b>	<b>IND</b>	<b>Home</b>	<b>Conditional</b>	<b>TME</b>	<b>Overdue</b>	<b>Polio</b>	<b>DTaP</b>	<b>MMR</b>	<b>HepB</b>	<b>VAR</b>
0		1	1	0	0	0	1	1	1	2	4	1	1	2

# IMMUNIZATION REPORTING



## ADMISSION CATEGORIES

### 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.

# IMMUNIZATION REPORTING



## SHOTS FOR SCHOOL REPORTING SITE

### Pre-Kindergarten Immunization Assessment

Reporting is due February 28, 2023

Instructions | FAQs | Worksheet | Logout

Facility Name: Example report screen matches worksheet example  
Facility Number:

Total Number of Children:   
Report on ages 2-5 years

Account for each student in one of the categories below.

**UNCONDITIONAL ADMISSION:**

Requirements Met

All Required Vaccine Doses

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Requirements Met, But Missing Doses

Permanent Medical Exemption   
*Includes MD/DO verification of varicella disease*

Other: IEP Services

**CONDITIONAL ADMISSION, NEED FOLLOW-UP:**

Conditional- Missing Doses Not Currently Due   
Temporary Medical Exemption

**REQUIREMENTS NOT MET, MISSING DOSES, NEED FOLLOW-UP:**

Overdue Doses   
*Includes homeless or foster care students in process of locating records*

### TK/Kindergarten & 1st Grade Immunization Assessment

Reporting is due February 28, 2023

Instructions | FAQs | Worksheet | Logout

School Name:  
School Code: Example report screen matches worksheet example

Total Number of Kindergarteners:   
Account for each student in one of the categories below.

**UNCONDITIONAL ADMISSION:**

Requirements Met

All Required Vaccine Doses

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Requirements Met, But Missing Doses

Permanent Medical Exemption   
*Includes MD/DO verification of varicella disease*

Other

IEP Services   
Independent Study   
Home-based Private School

**CONDITIONAL ADMISSION, NEED FOLLOW-UP:**

Conditional- Missing Doses Not Currently Due   
Temporary Medical Exemption

**REQUIREMENTS NOT MET, MISSING DOSES, NEED FOLLOW-UP:**

Overdue- Needs Doses Now   
*Includes homeless or foster care students in process of locating records*

### 7th & 8th Grade Immunization Assessment

Reporting is due February 28, 2023

Instructions | FAQs | Worksheet | Logout

#### 7TH GRADE REPORT

Total Number of 7th Grade Students:   
Account for each student in one of the categories below.

**UNCONDITIONAL ADMISSION:**

Requirements Met	Varicella	Tdap
All Required Vaccine Doses	<input type="text" value="9"/>	<input type="text" value="7"/>
<b>Requirements Met, But Missing Doses</b>		
Permanent Medical Exemption <i>Includes MD/DO verification of varicella disease</i>	<input type="text" value="0"/>	<input type="text" value="0"/>
Other		
IEP Services	<input type="text" value="0"/>	<input type="text" value="2"/>
Independent Study	<input type="text" value="0"/>	<input type="text" value="0"/>
Home-Based Private School	<input type="text" value="0"/>	<input type="text" value="0"/>

**CONDITIONAL ADMISSION, NEED FOLLOW-UP:**

Conditional-Missing Doses Not Currently Due <i>Varicella only</i>	<input type="text" value="0"/>	
Temporary Medical Exemption	<input type="text" value="0"/>	<input type="text" value="0"/>

**REQUIREMENTS NOT MET, MISSING DOSES, NEED FOLLOW-UP:**

Overdue-Needs Doses Now <i>Includes homeless or foster care students in process of locating records</i>	<input type="text" value="0"/>	<input type="text" value="0"/>
<b>TOTAL</b>	<input type="text" value="9"/>	<input type="text" value="9"/>



# METHODS

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*Final Report 2014-2023*



# METHODS OVERVIEW



## PURPOSE OF THIS ANALYSIS WAS TO DETERMINE:

- 2022-2023 Reporting Year Results
  - Coverage rate of required vaccinations
  - Rate of vaccine exemptions
- 2014-2023 Historical Comparison
  - Coverage rate of required vaccinations
  - Rate of vaccine exemptions





## DATA COLLECTION

- Reports submitted to ShotsforSchool.org for each grade were aggregated into single, downloadable .xlsx data within the ShotsforSchool.org platform. Data were merged to prepare for analysis.

### Datasets for Cross-Sectional Analysis

- 2014-2023 Childcare
- 2014-2023 Kindergarten
- 2014-2023 7<sup>th</sup> Grade

### Datasets for 2022-2023 Frequency Analysis

- 2022-2023, Childcare All List
- 2022-2023, TK/Kindergarten All List
- 2022-2023, 1<sup>st</sup> grade All List
- 2022-2023, 7<sup>th</sup> grade All List
- 2022-2023, 8<sup>th</sup> Grade All List



#### Admin

- [Reactivate Schools](#)
- [Add School](#)

#### Child Care

- [List/Edit Facilities](#)
- [Summary/Downloads](#)

#### Kindergarten

- [List/Edit Schools](#)
- [Summary/Downloads](#)

#### 7th Grade

- [List/Edit Schools](#)
- [Summary/Downloads](#)

[Logout](#)

### Childcare Summary and Downloads

#### Cumulative Percentage Reported by Date



#### Downloads

Select Year:

- 
- 
- 
- 
-

# METHODS OVERVIEW



## DATA ANALYSIS

- Data was analyzed using SAS version 9.4
- Coverage and status variable were computed for each vaccine/status for each grade level using the following equations provided by CDPH and weighted by school enrollment

$$\blacksquare \% \text{ Coverage } X \text{ Vaccine} = \frac{\# \text{ students enrolled} - \text{students missing } X \text{ vaccine}}{\# \text{ students enrolled}}$$

$$\blacksquare \% \text{ PME} = \frac{\# \text{ students with PME}}{\# \text{ of students enrolled}}$$

$$\blacksquare \% \text{ Conditional} = \frac{\# \text{ students with TME} + \# \text{ students conditional without TME}}{\# \text{ of students enrolled}}$$

$$\blacksquare \% \text{ IEP} = \frac{\# \text{ students with IEP}}{\# \text{ of students enrolled}}$$

$$\blacksquare \% \text{ Overdue} = \frac{\# \text{ students overdue at } Y \text{ school}}{\# \text{ of students enrolled}}$$

$$\blacksquare \% \text{ OLRI} = \frac{(\# \text{ of students with IEP Services} + \# \text{ number of students in Independent Study} + \# \text{ of students in Home Based Private School})}{\# \text{ of students enrolled}}$$



# RESULTS

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*Final Report 2014-2023*





## IMMUNIZATION COVERAGE

2022-2023 EXECUTIVE SUMMARY



## OVERVIEW

1. Total students enrolled
2. Number of reports submitted
3. Percent of childcares and schools with TK/K & 1<sup>st</sup> grade with  $\geq 10\%$  conditional or overdue students
4. Number of students with conditional or overdue status at childcares, TK/K, and 1<sup>st</sup> grade
5. Percent of schools with 7<sup>th</sup> & 8<sup>th</sup> grade with  $\geq 10\%$  Tdap or Varicella conditional or overdue students
6. Number of students in 7<sup>th</sup> and 8<sup>th</sup> grade conditional or overdue for Tdap
7. Number of students in 7<sup>th</sup> and 8<sup>th</sup> grade conditional or overdue for varicella
8. Percent of PMEs by grade level
9. Childcare vaccination coverage
10. Childcare vaccination coverage by facility type
11. Kindergarten vaccination coverage
12. 1<sup>st</sup> Grade vaccination coverage
13. Kindergarten and 1<sup>st</sup> grade vaccination coverage by facility type
14. 7<sup>th</sup> & 8<sup>th</sup> grade vaccination coverage
15. 7<sup>th</sup> and 8<sup>th</sup> grade vaccination coverage by facility type



**1**

## NUMBER OF STUDENTS ENROLLED BY GRADE LEVEL IN SAN DIEGO COUNTY DURING THE 2022-2023 SCHOOL YEAR

Grade Level	Number of Students
Childcare	41,905
TK/Kindergarten	45,292
1 <sup>st</sup> Grade	37,316
7 <sup>th</sup> Grade	38,782
8 <sup>th</sup> Grade	38,061



**2**

## NUMBER OF REPORTS SUBMITTED BY GRADE LEVEL DURING 2022-2023 ANNUAL REPORTING

Grade Level	Total Number of Sites	Number of Sites Reported	Percent Reported
Childcare	1021	1021	100%
TK/Kindergarten	669	667	99.7%
1 <sup>st</sup> Grade	669	667	99.7%
7 <sup>th</sup> grade	420	419	99.8%
8 <sup>th</sup> Grade	420	419	99.8%



3

## PERCENT OF CHILDCARES AND SCHOOLS WITH TK/KINDERGARTEN & 1<sup>ST</sup> GRADE WITH $\geq 10\%$ CONDITIONAL AND OVERDUE STUDENTS

Grade Level	Total Sites	Number of sites with $\geq 10\%$ conditional & overdue students	Percent of sites with $\geq 10\%$ conditional & overdue students
Childcare	1021	37	3.6%
TK/Kindergarten	669	21	3.1%
1 <sup>st</sup> Grade	669	13	1.9%





4

## NUMBER OF STUDENTS IN CHILDCARE, KINDERGARTEN, AND 1<sup>ST</sup> GRADE WITH CONDITIONAL AND OVERDUE STATUS

Grade Level	Number Students	Number of Conditional Students without TME	Number of Conditional Students with TME	Percent Conditional	Number of Students Overdue	Percent Overdue
Childcare	41,905	474	21	1.2%	344	0.8%
TK/Kindergarten	45,292	707	26	1.6%	247	0.5%
1 <sup>st</sup> Grade	37,316	279	20	0.8%	103	0.3%



5

## PERCENT OF SCHOOLS WITH 7<sup>TH</sup> & 8<sup>TH</sup> GRADE WITH $\geq 10\%$ CONDITIONAL AND OVERDUE STUDENTS

Grade Level	Total Sites	Number of sites with $\geq 10\%$ conditional & overdue students	Percent of sites with $\geq 10\%$ conditional & overdue students
7 <sup>th</sup> Grade-Varicella	420	10	2.4%
7 <sup>th</sup> Grade-Tdap	420	11	2.6%
8 <sup>th</sup> Grade Varicella	420	4	1.0%
8 <sup>th</sup> Grade-Tdap	420	4	1.0%



6

## NUMBER OF STUDENTS IN 7<sup>TH</sup> & 8<sup>TH</sup> GRADE WITH TDAP CONDITIONAL AND OVERDUE STATUS

Grade Level	Number of Students	Number of Students with Tdap TME	Number of Students Conditional	Number of Students with Tdap Overdue	Percent of Students with Tdap Overdue
7 <sup>th</sup> Grade	38,782	5	0.0%	297	0.8%
8 <sup>th</sup> Grade	38,061	6	0.0%	121	0.3%



7

## NUMBER OF STUDENTS IN 7<sup>TH</sup> & 8<sup>TH</sup> GRADE WITH VARICELLA CONDITIONAL AND OVERDUE STATUS

Grade Level	Number of Students	Number of Students with Varicella Conditional without TME	Number of Students with Varicella Conditional with TME	Percent of Students with Varicella Conditional	Number of Students with Varicella Overdue	Percent of Students with Varicella Overdue
7 <sup>th</sup> Grade	38,782	62	8	0.2%	231	0.6%
8 <sup>th</sup> Grade	38,061	24	9	0.1%	85	0.2%



8

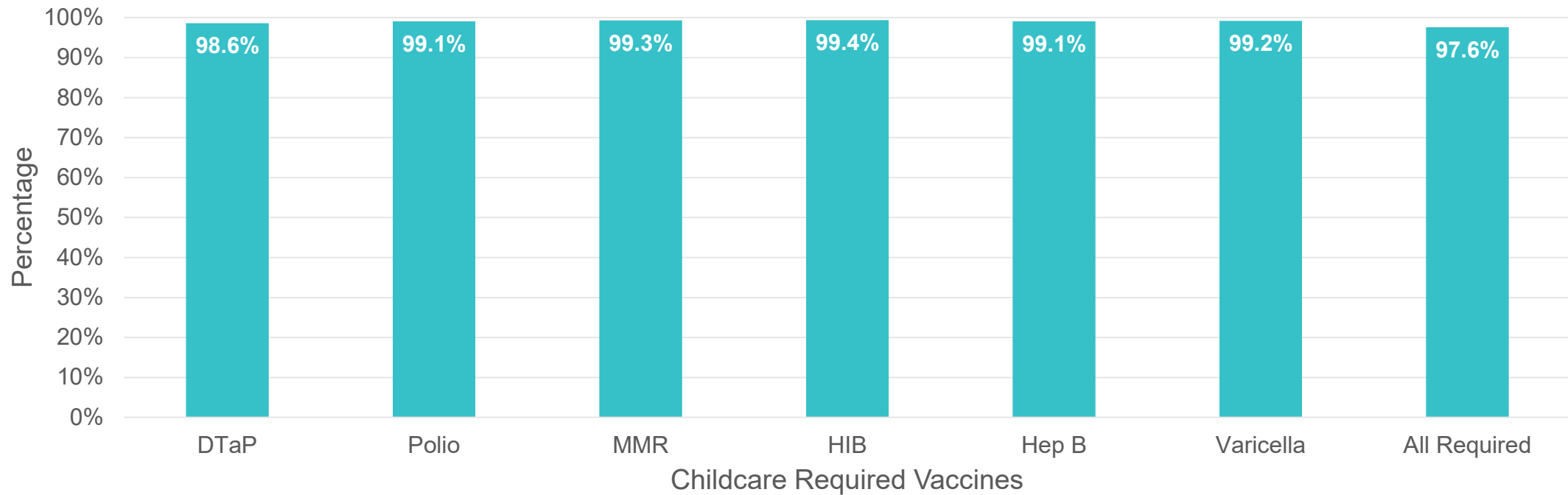
## PERCENT OF PMES BY GRADE LEVEL

Grade Level	Number of Students	Number of PMEs	PME (%)	Tdap PME (%)	Varicella PME (%)
Childcare	41,905	37	0.1%	-	-
Kindergarten	45,292	61	0.1%	-	-
1 <sup>st</sup> Grade	37,316	48	0.1%	-	-
7 <sup>th</sup> Grade	38,782	112	-	0.1%	0.3%
8 <sup>th</sup> Grade	38,061	132	-	0.1%	0.3%



9

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

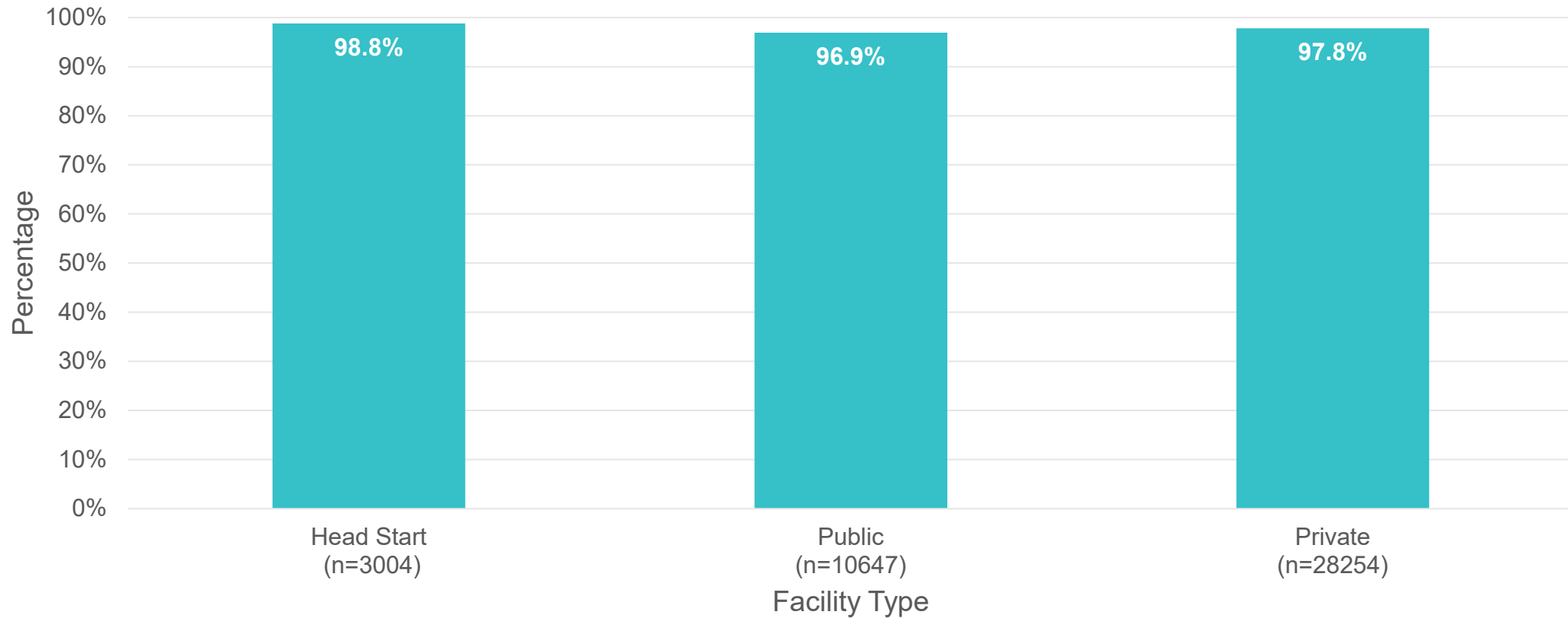


*\*UTD status differs depending on the age of the child in childcare. At ages 2-3 months, children should have at least one vaccine from each series above. At ages 4-5 months old, they should receive the second dose for each series. At ages 6-14 months, they should receive a third dose of DTaP. At ages 15-17 months, they should receive a third dose of Polio and a first dose of Varicella. Children should receive 1 MMR and 1 HIB on or after their first birthday. At ages 18 months-5 years, children should have 3 Polio, 4 DTaP, 3 Hep B, 1 Varicella, 1 HIB, and 1 MMR total.*



10

### Percent of Students with UTD Immunization Coverage at Childcares in San Diego County by Facility Type

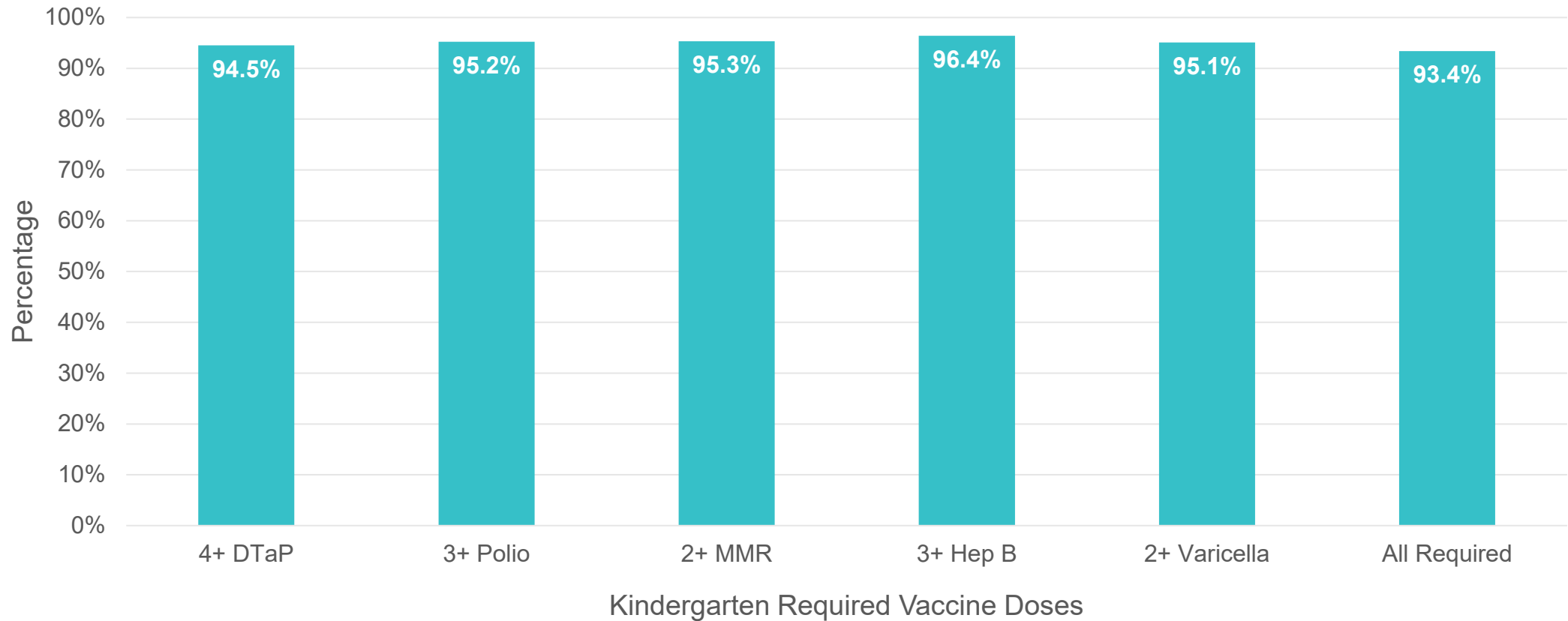


Data source: 2022-2023 Shots for School reporting portal.



## 11

### Percent of Students with UTD Immunization Coverage at Kindergartens in San Diego County (n=45,292)



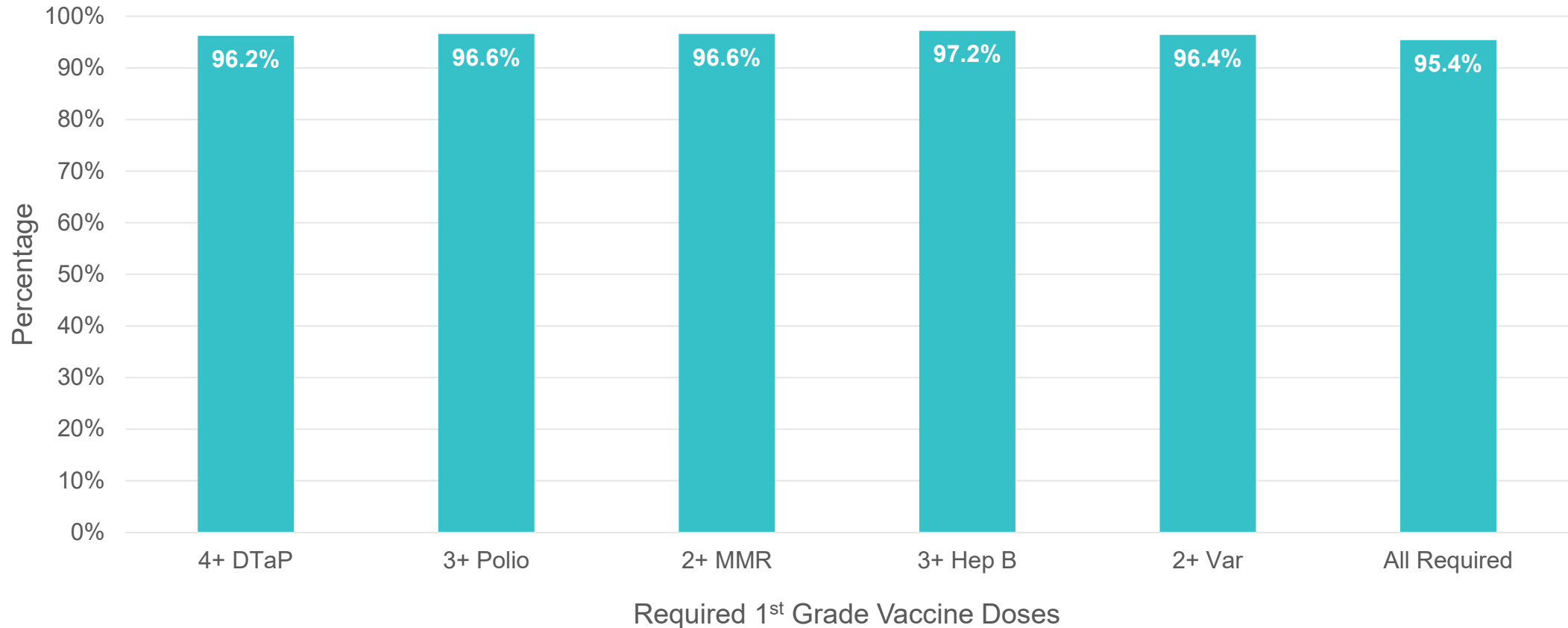
Data source: 2022-2023 Shots for School reporting portal.





## 12

### Percent of Students with UTD Immunization Coverage in 1<sup>st</sup> Grade at San Diego County Schools (n=37,316)

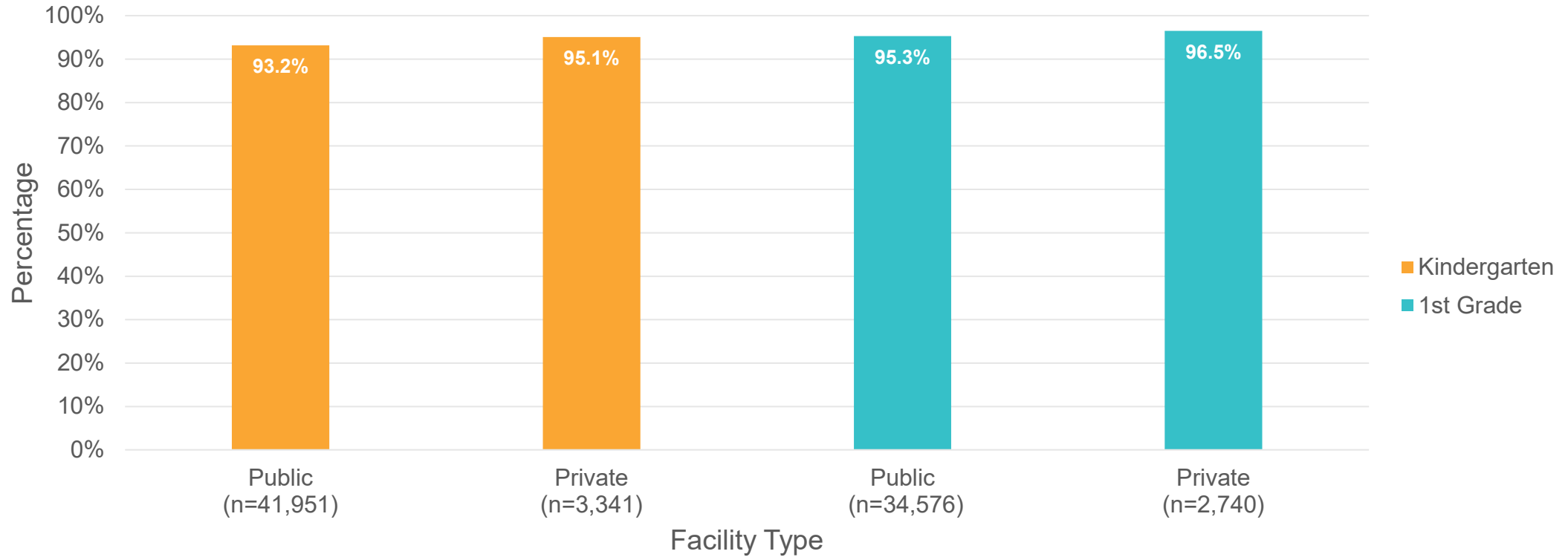


Data source: 2022-2023 Shots for School reporting portal.



## 13

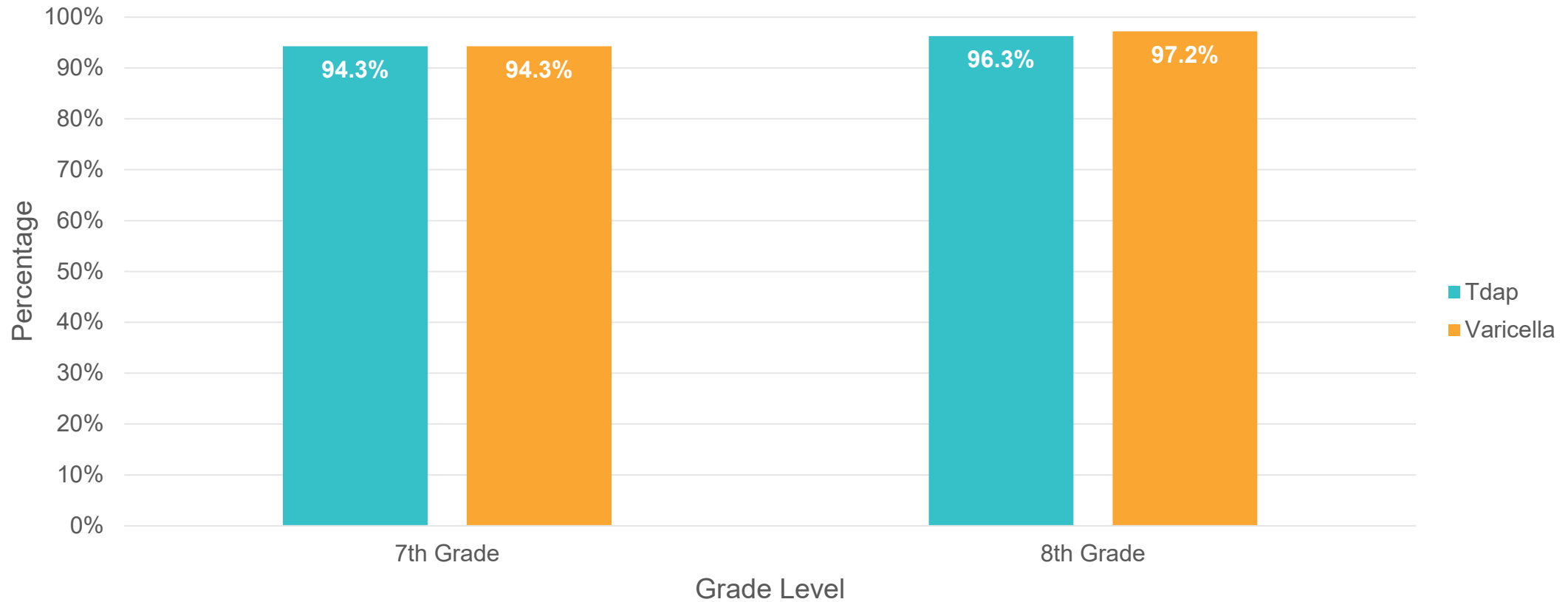
### Percent of Students with UTD Immunization Coverage at Schools with TK/Kindergarten and 1<sup>st</sup> Grade in San Diego County by Facility Type





14

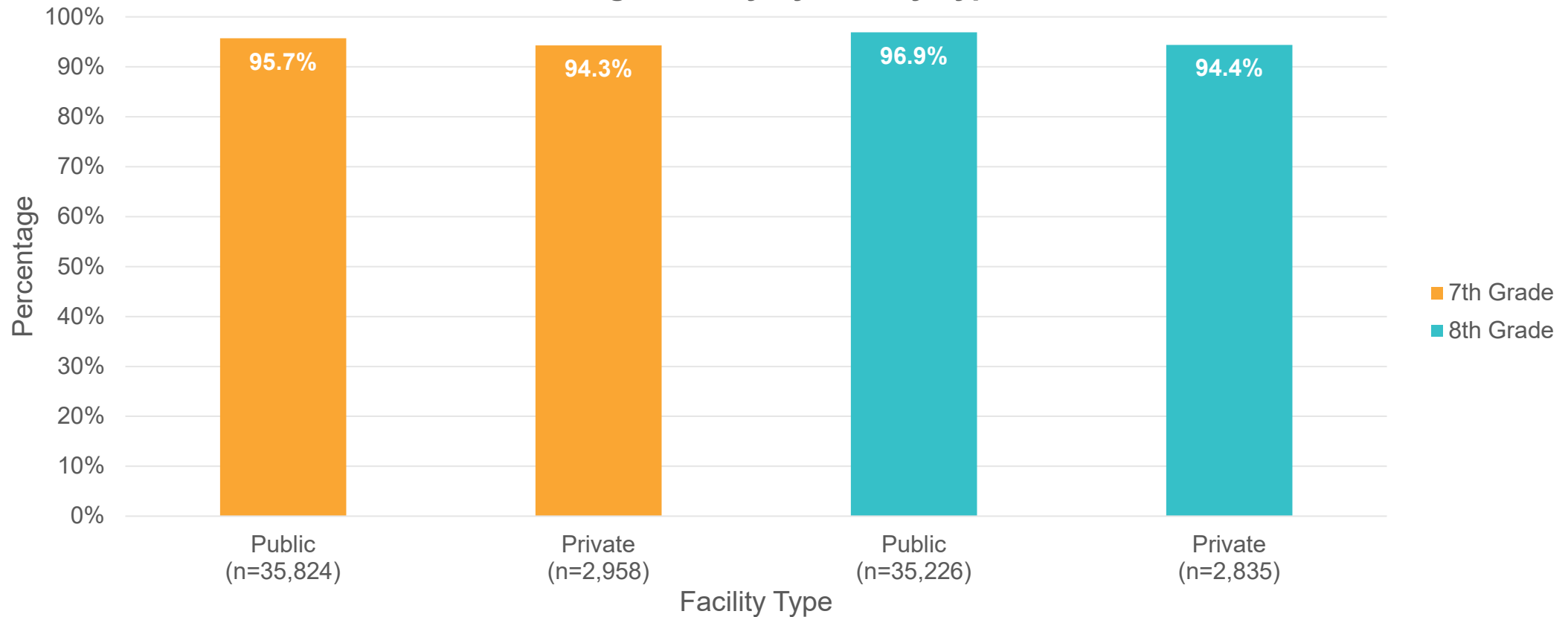
### Percent of Students with UTD Coverage for Tdap and Varicella in 7<sup>th</sup> (n=38,782) and 8<sup>th</sup> (n=38,061) grade in San Diego County Schools





15

## Percent of Students with UTD Immunization Coverage at Schools with 7<sup>th</sup> and 8<sup>th</sup> Grade in San Diego County by Facility Type





## IMMUNIZATION COVERAGE OVER TIME

2014-2023 CHILDCARE



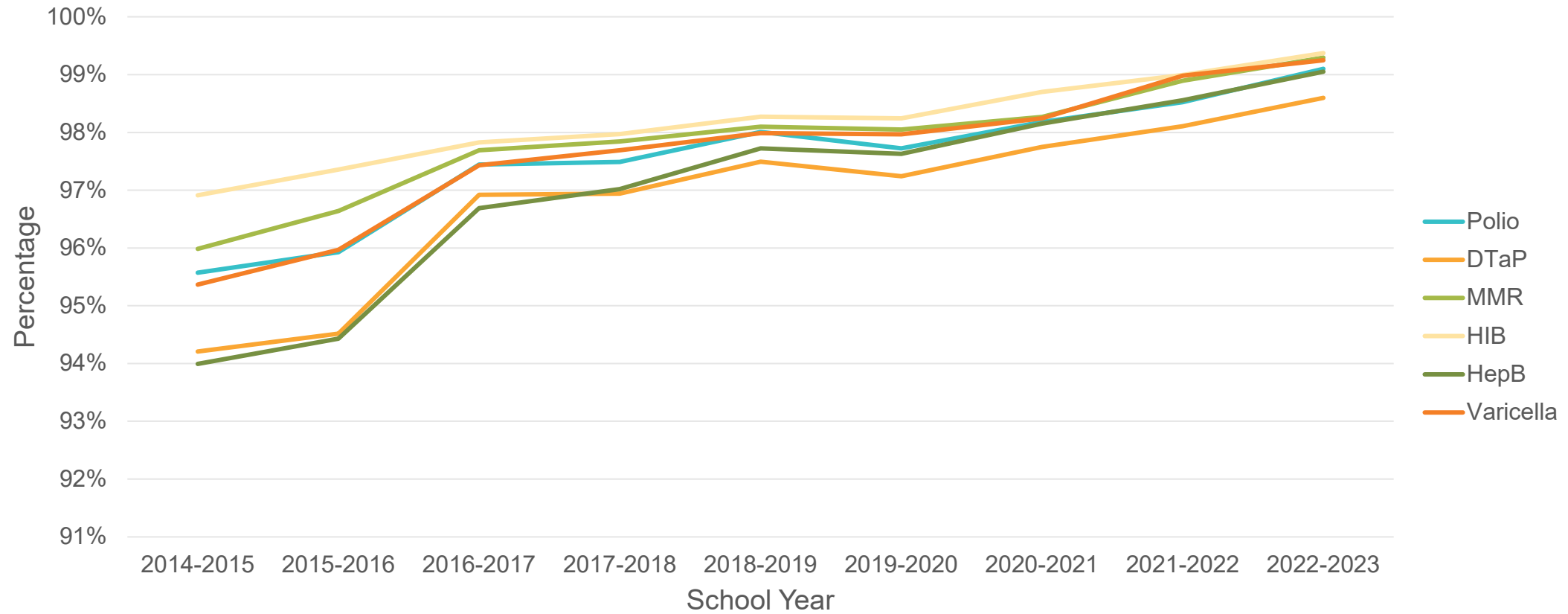
## OVERVIEW

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



## 1

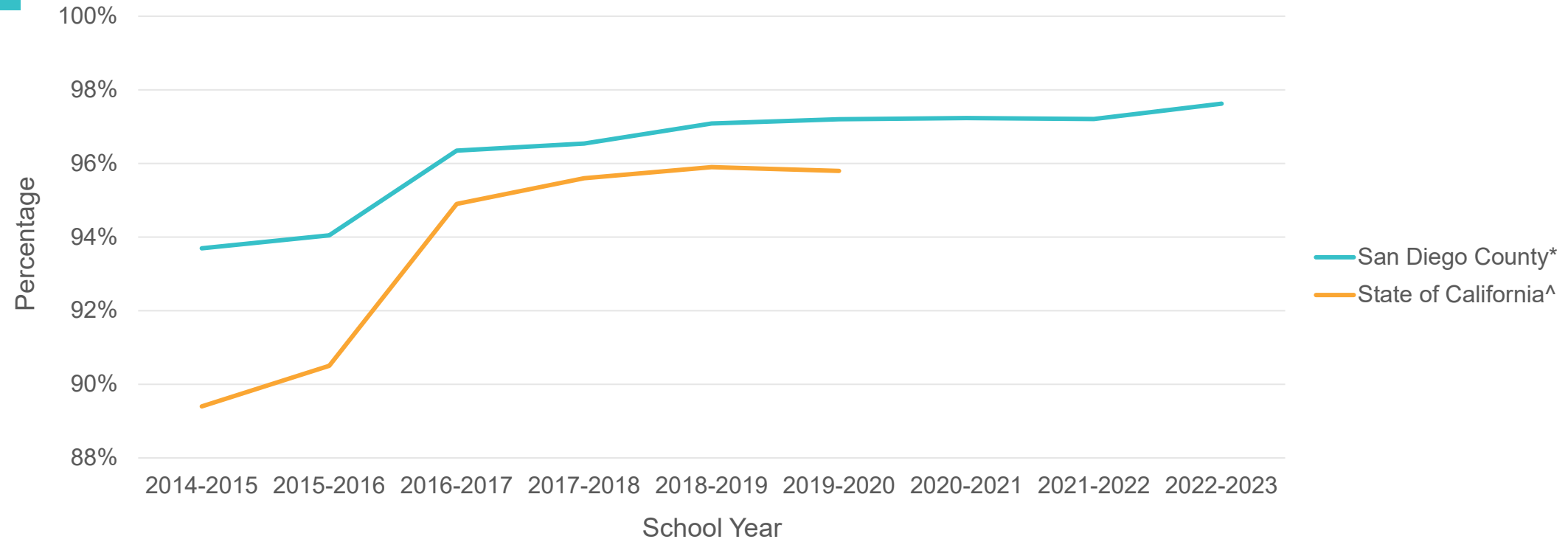
### Percent of Vaccination Coverage at Childcares in San Diego County by School Year





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.

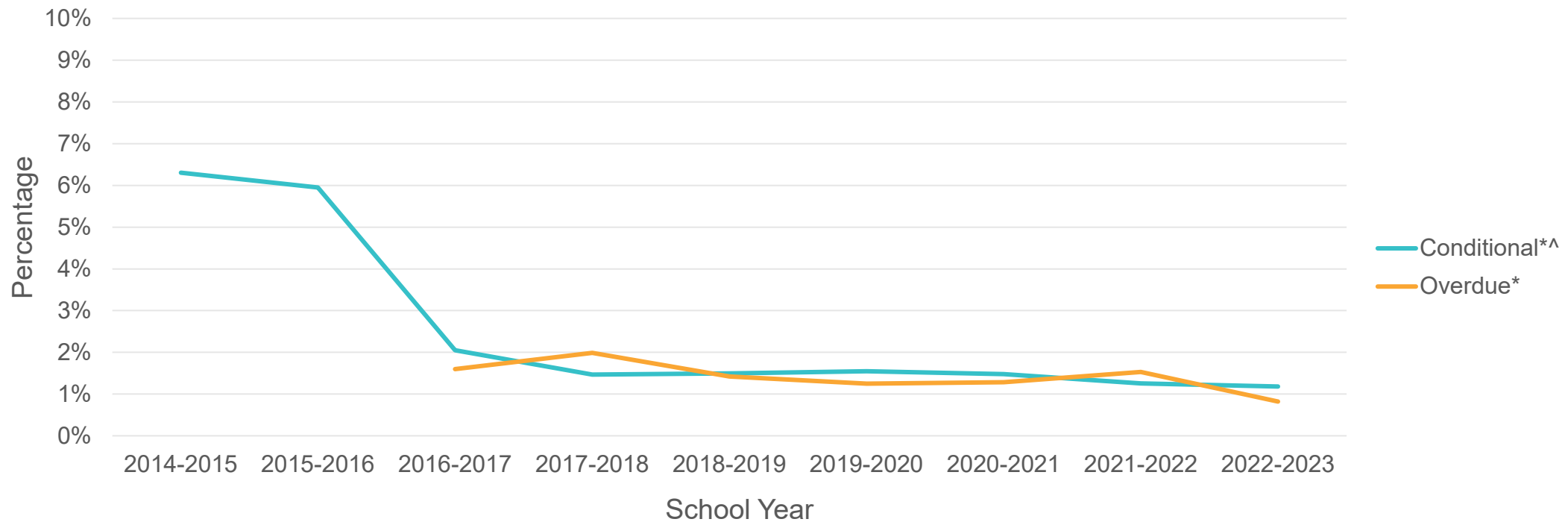
^California estimates represent the average mean of UTD students across all counties in California. Data is pre-analyzed by CDPH. Data from CDPH not yet public for 2020 on.





3

### Percent of Students with Conditional or Overdue Status at Childcares in San Diego County by School Year



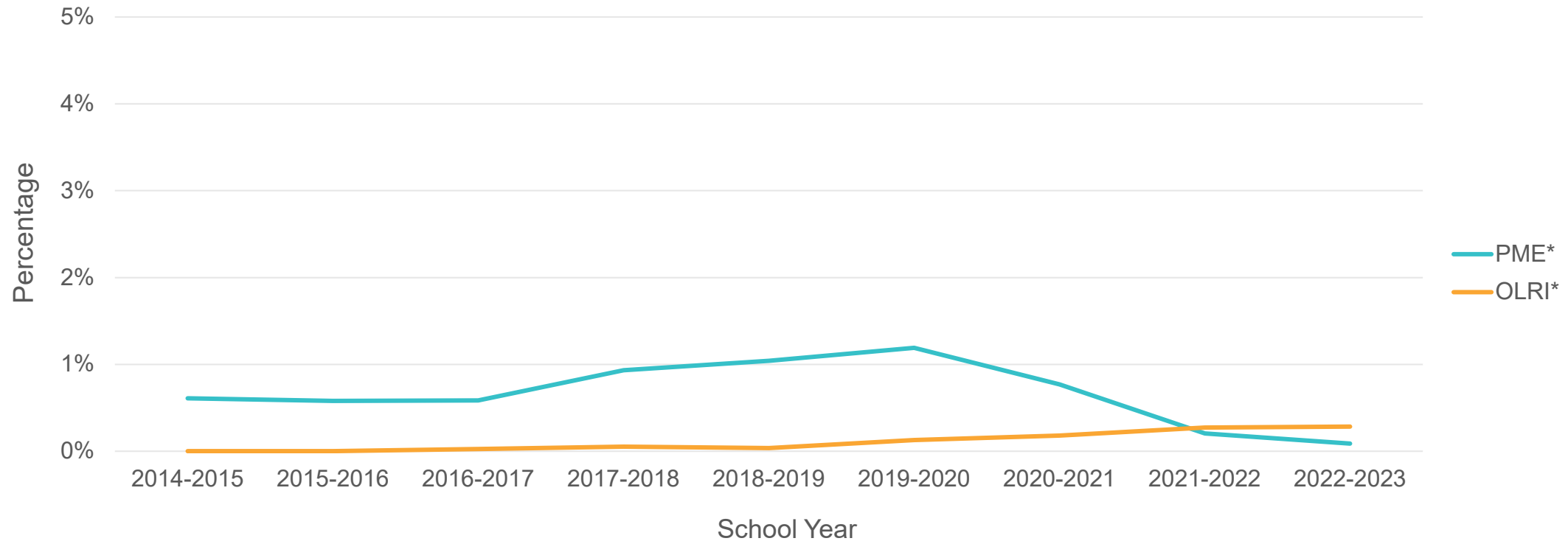
*\*San Diego County conditional overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with or without a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment.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

*<sup>^</sup> 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*



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.*



## IMMUNIZATION COVERAGE OVER TIME

2014-2023 TK/KINDERGARTEN



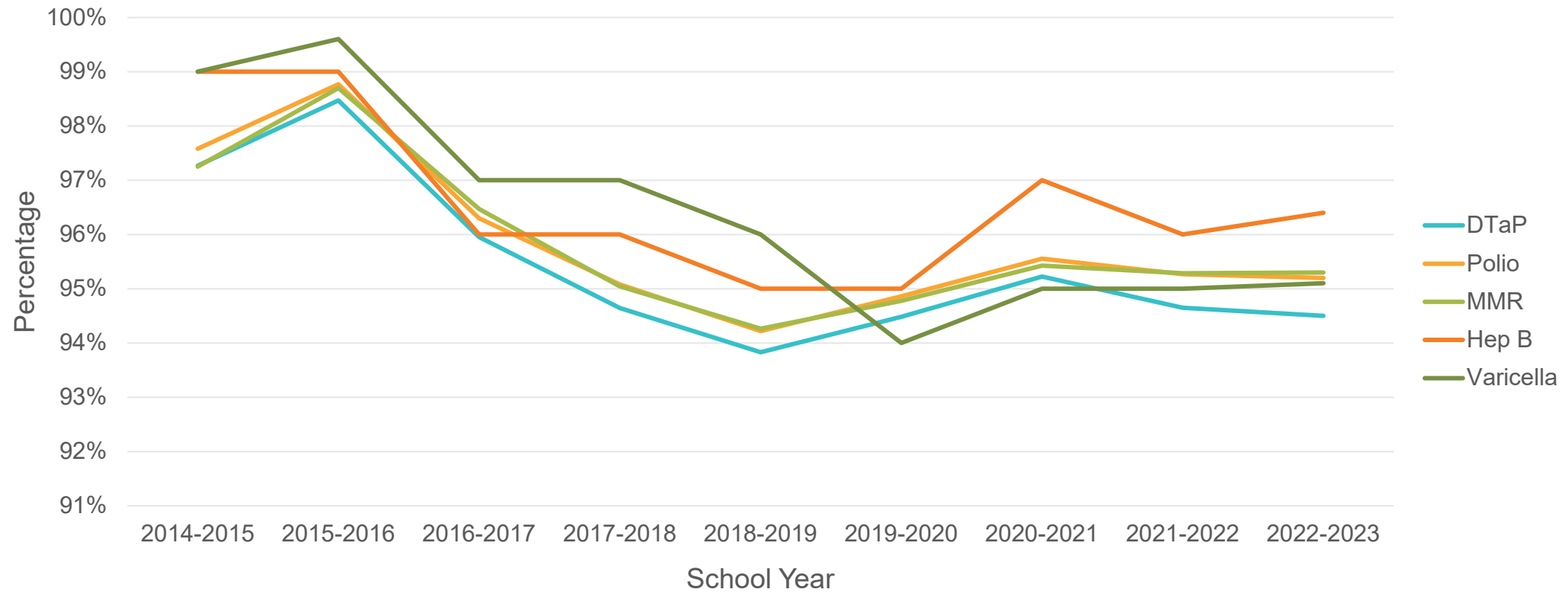
## OVERVIEW

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



## 1

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

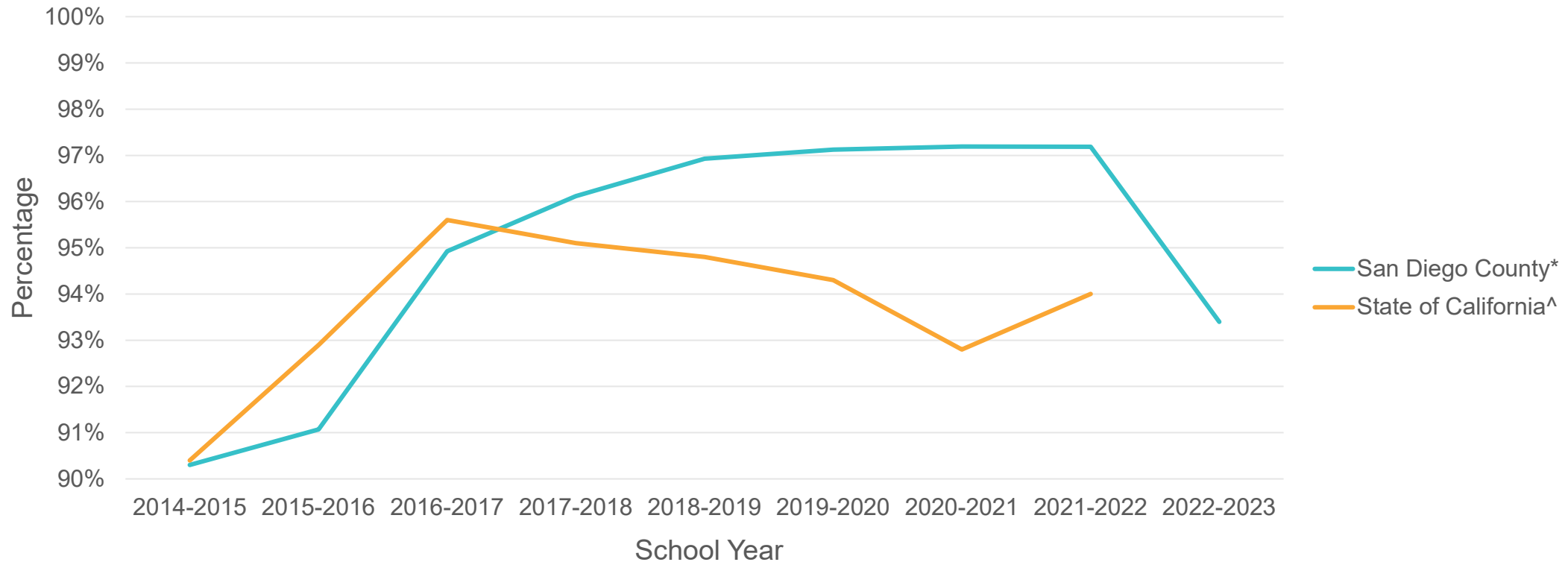


Data source: Shots for School reporting portal.



2

### Percent of Students with UTD Immunization Coverage at TK/Kindergartens in San Diego County compared to the State of California by School Year

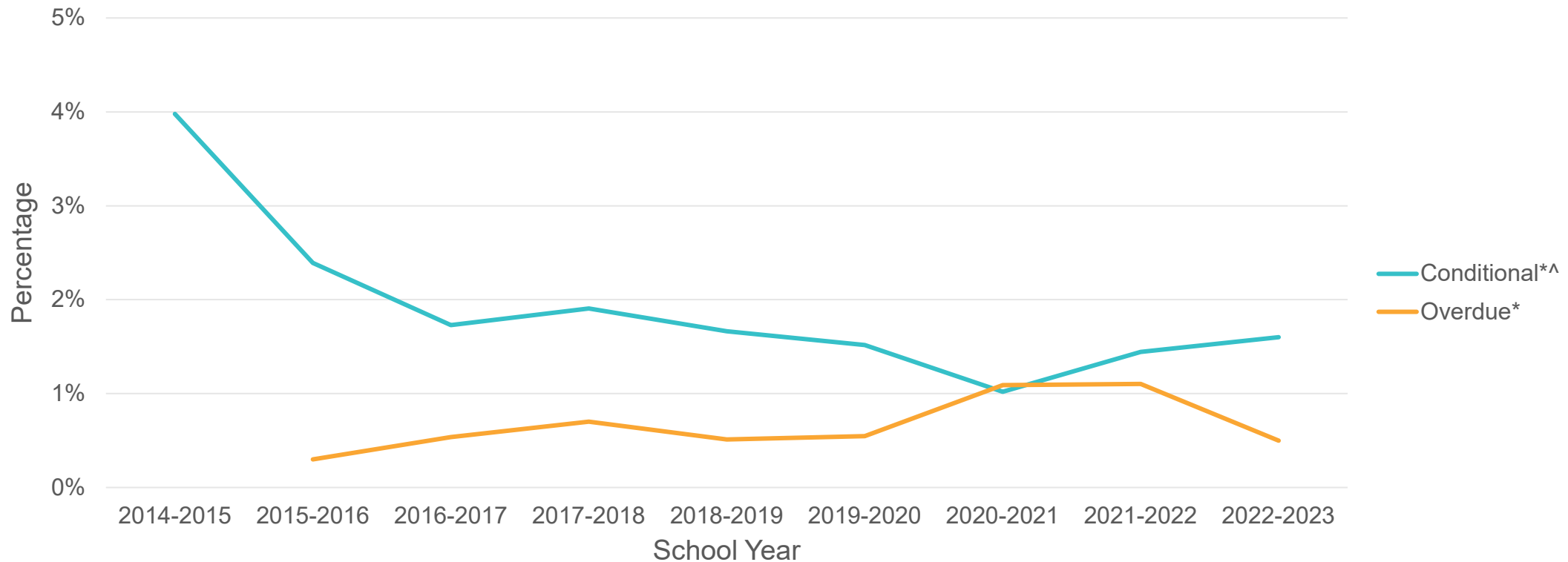


\*San Diego County mean UTD coverage estimates are weighted by school enrollment. UTD is the # of students with all required vaccines, PME, and IEP, divided by enrollment. Ratios are multiplied by 100 to determine percentages.  
^California estimates represent the average mean of UTD students across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



3

### Percent of Students with Conditional or Overdue Status at Kindergartens in San Diego County by School Year



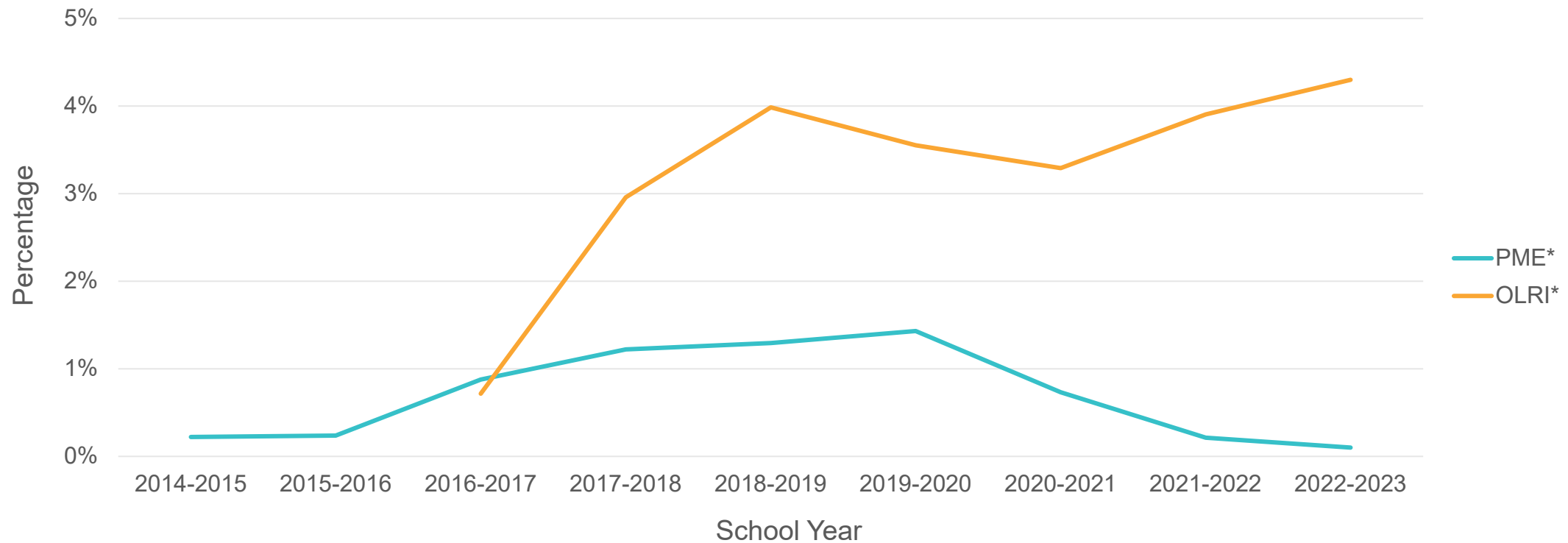
\*San Diego County conditional and overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with or without a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment.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

^ 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



4

### Percent of Students with a PME or OLRI at Kindergartens in San Diego County by School Year



\* 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.





## IMMUNIZATION COVERAGE OVER TIME

2014-2023 7<sup>TH</sup> GRADE



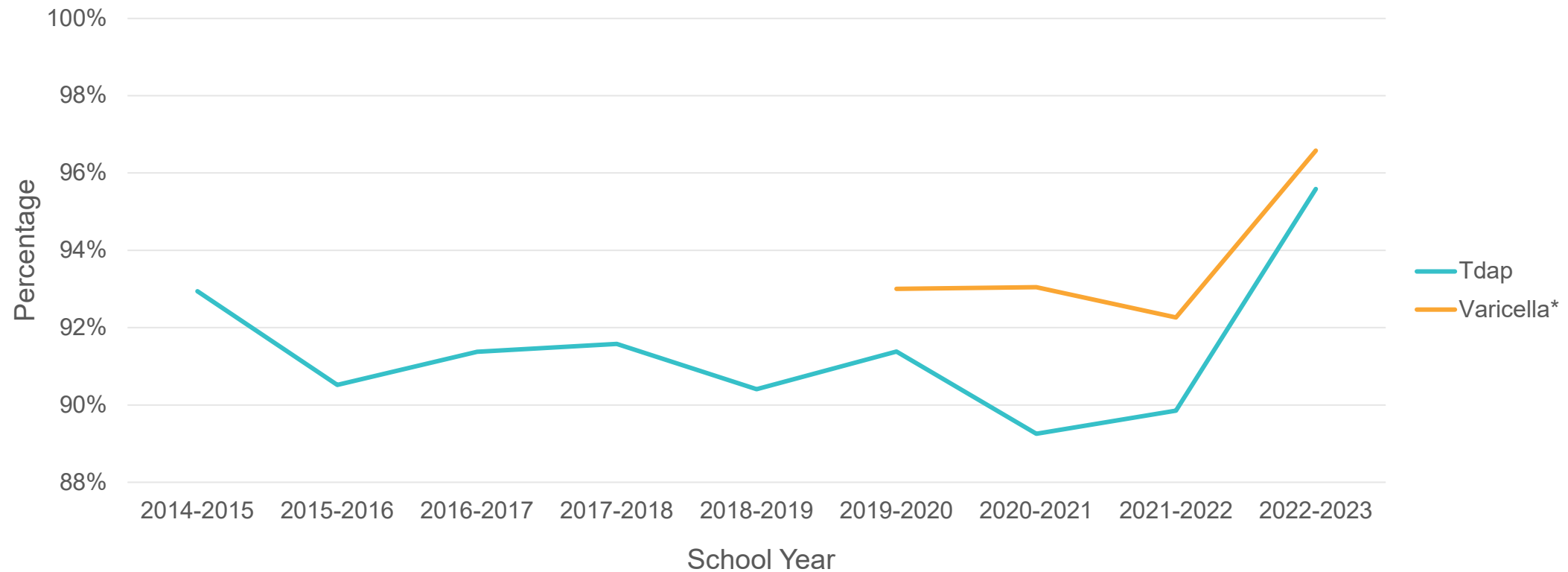
## OVERVIEW

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



1

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

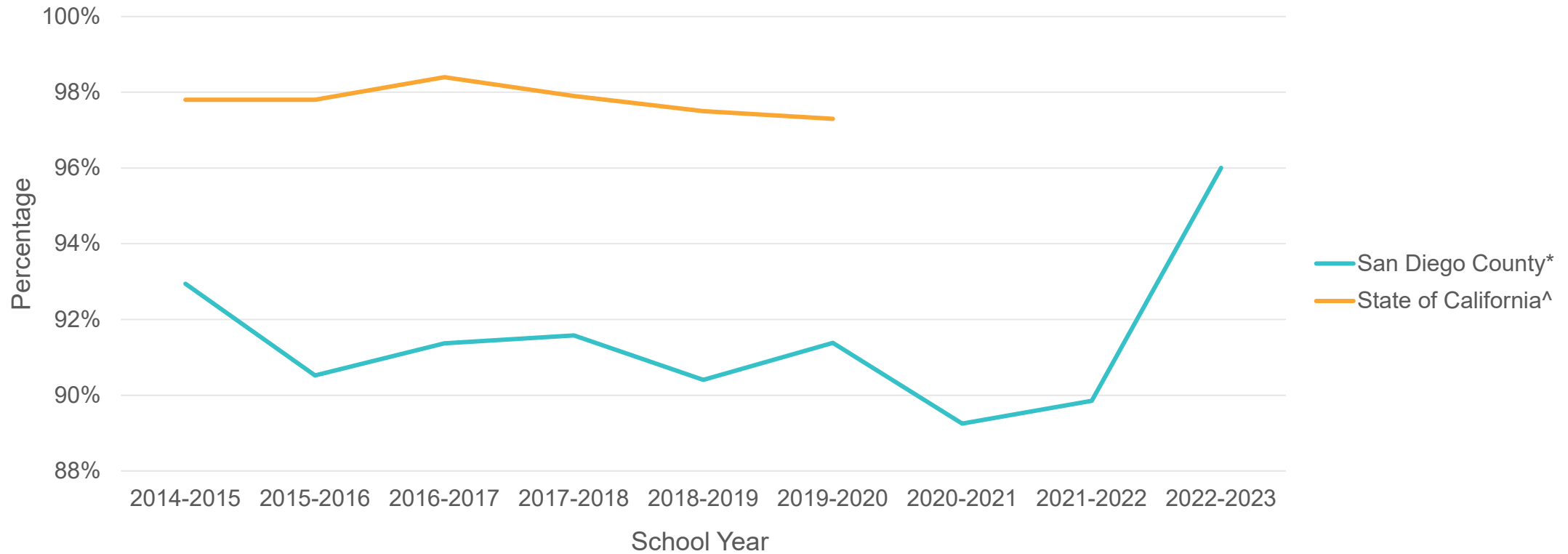


\*Varicella vaccination information began being captured in 2019-2020 reporting cycle.



2

**Percent of Students with UTD Immunization Coverage for Tdap in the 7<sup>th</sup> Grade in San Diego County Compared to State of California by School Year**



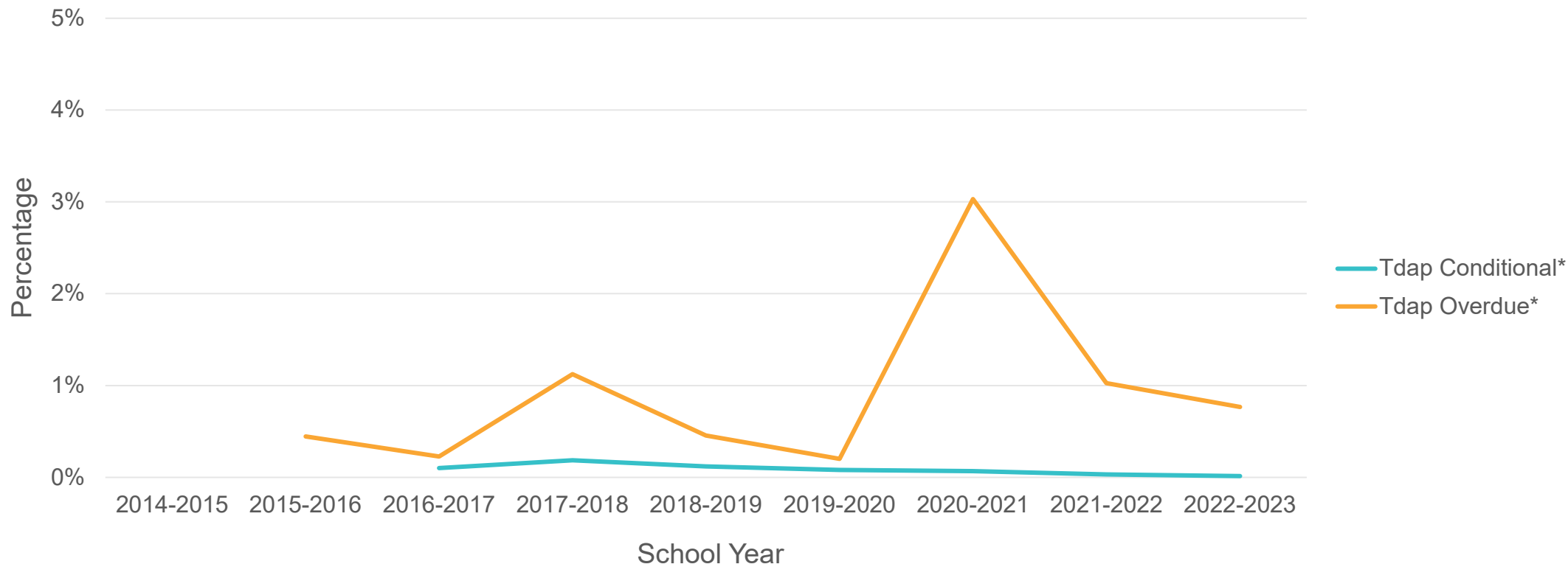
\*San Diego County mean UTD coverage estimates are weighted by school enrollment. UTD is the # of students with all required vaccines, PME, and IEP, divided by enrollment. Ratios are multiplied by 100 to determine percentages.

^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 2020 on.



## 3

### Percent of Students Conditional or Overdue for Tdap at Schools with 7<sup>th</sup> Grade in San Diego County by School Year

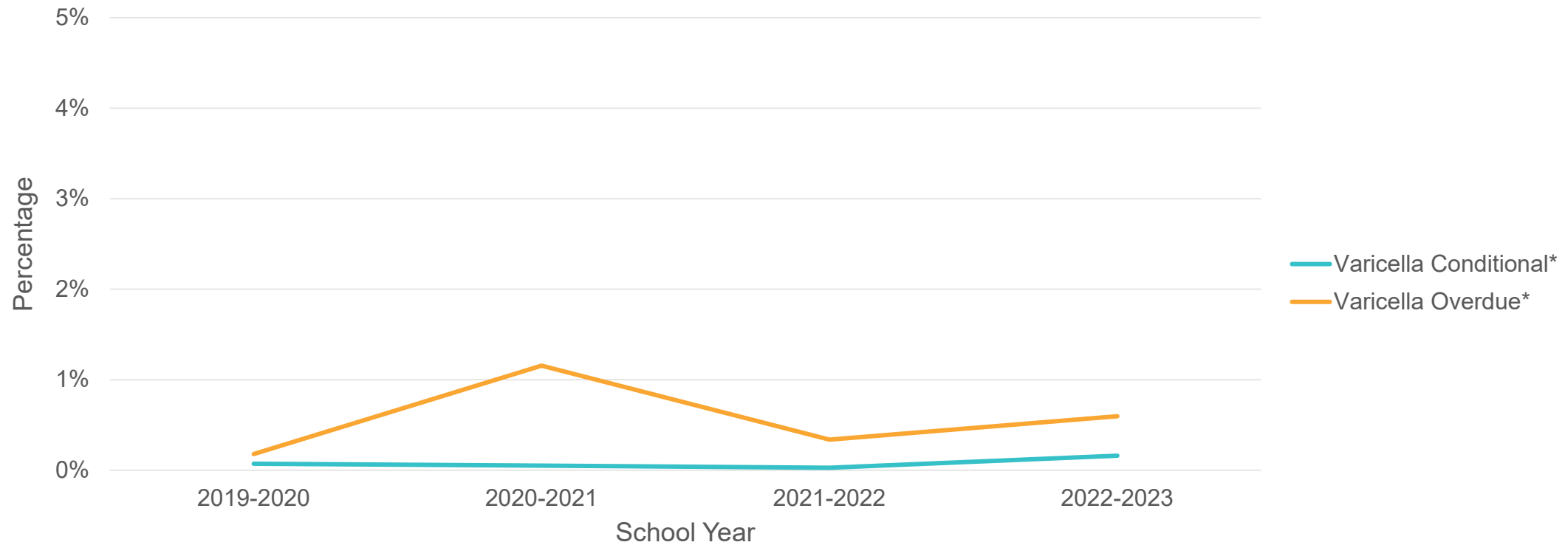


*\*San Diego County conditional and overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment. Each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



## 4

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

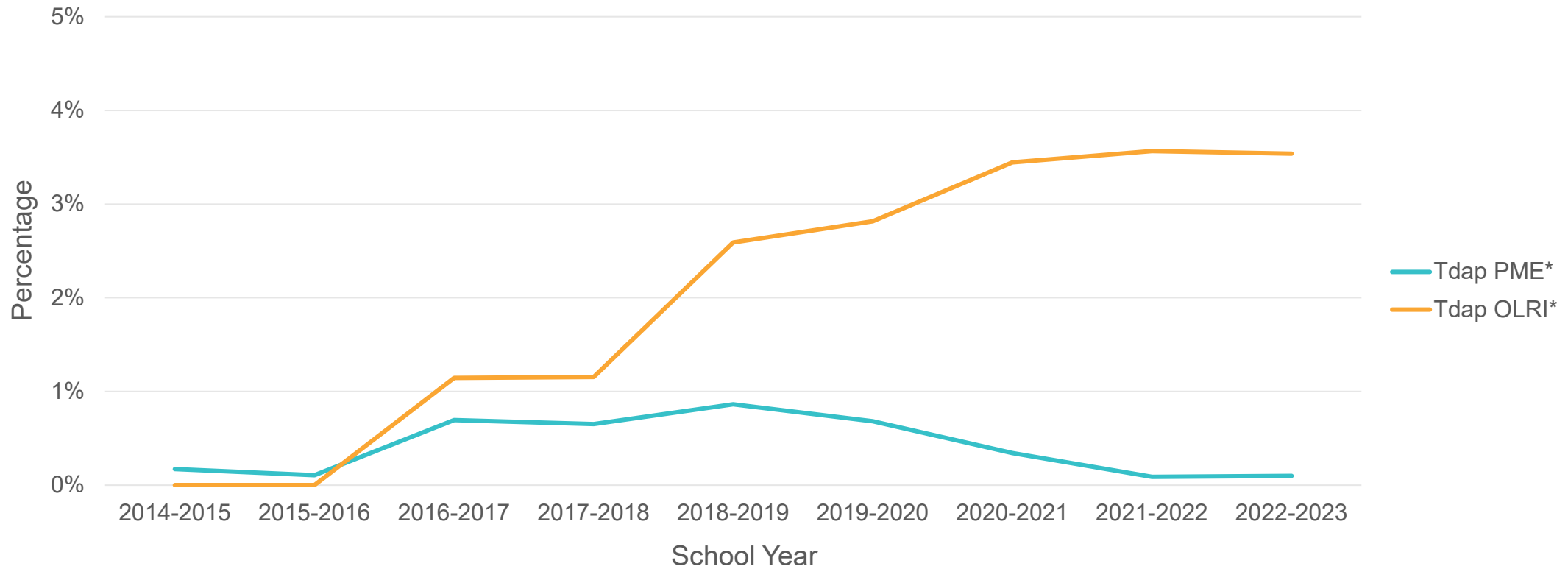


\*San Diego County conditional and overdue estimates are weighted by school enrollment. Conditional is the # of students with conditional statuses with or without a TME on file, divided by total enrollment. Overdue is the # of students who are missing a vaccine they are eligible for, divided by enrollment.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



5

### Percent of Students with PME or OLRI for Tdap at Schools with 7<sup>th</sup> Grade in San Diego County by School Year

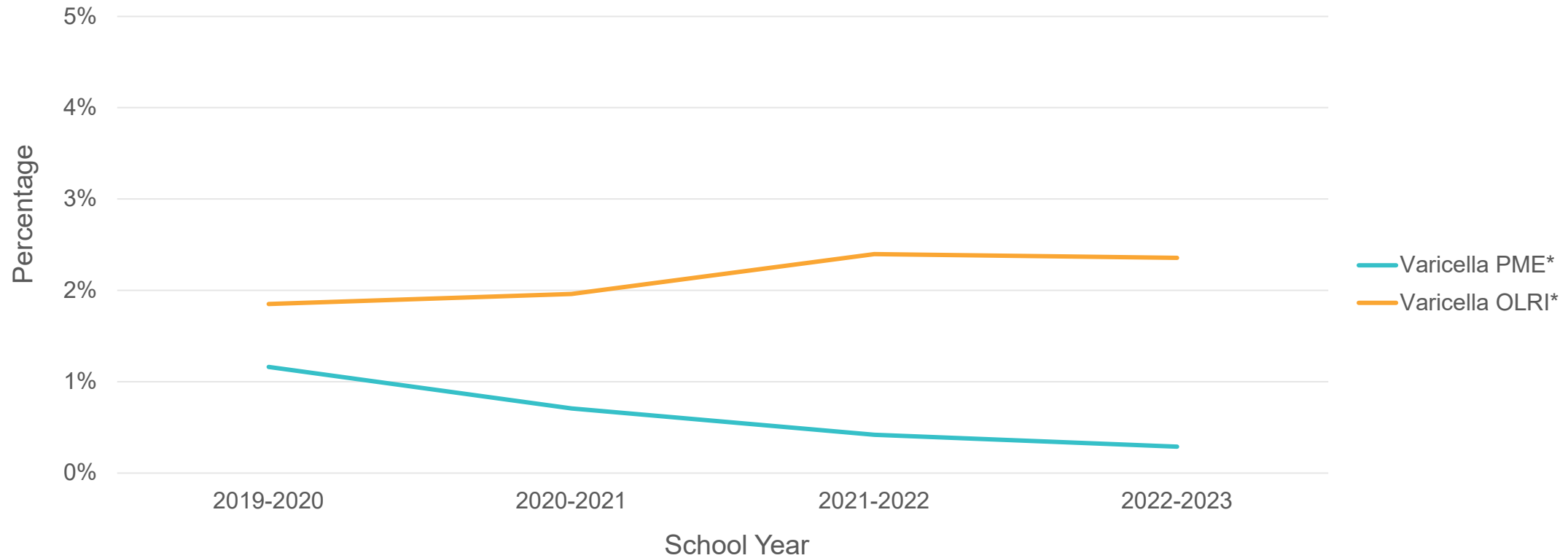


\* San Diego County PMEs and OLRI's are weighted by enrollment. PME is the # of students with a PME on file, divided by total enrollment. OLRI is equal to the number of students with an IEP, Independent study, or homebased study divided by total enrollment. Each ratio was multiplied by 100 to determine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



6

### Percent of Students with PME or OLRI for Varicella at Schools with 7<sup>th</sup> Grade in San Diego County by School Year



\* San Diego County PMEs and OLRIs 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.





# RECOMMENDATIONS AND NEXT STEPS

---

*Final Report 2014-2023*



# RECOMMENDATIONS



## IMPROVEMENTS FOR NEXT REPORTING CYCLE

### ■ **Communication**

- Send individualized reminder emails to schools and childcares that include the name of the school or childcare, the California Department of Education or California Department of Social Services code and the grade levels that are have not yet submitted a report
- At the beginning of the reporting cycle, reach out to schools and childcares that are known to have duplicates in the system to resolve the issue in a timely manner

### ■ **School and Childcare Best Practices**

- Contact the school compliance team if you continue to receive reminder emails after submitting your report
- Ensure contact information is up to date
- Report early and edit reporting data as needed until the deadline



## AREAS OF OPPORTUNITY FOR IMPROVING VACCINATION RATES

- **In 2022-2023, TK/Kindergarten grade levels showed a drop in the percentage of students up to date on all required immunizations**
  - 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
- **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.
- **In 2022-2023, San Diego County did not achieve 100% reporting across all grade levels required to report**
  - Submitting an annual report is required by state law. Schools and childcares should continue to report immunization status of students currently enrolled in all required reporting grade levels
  - The County Immunization Unit, in collaboration with school partners, should continue to identify strategies to encourage reporting to help schools remain compliant with California State law.

# NEXT STEPS



## SHARE RESULTS

- Results of Annual Reporting will be shared with schools, childcare facilities and other stakeholders at the May San Diego County Office of Education meeting, June San Diego Immunization Coalition meeting, and Summer IZ Network Update Meeting.
- IZ Coverage Maps will be updated with the results of the 2022-2023 Annual Report.

## SELECTIVE REVIEW SITE VISIT

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



# THANK YOU FOR LISTENING! QUESTIONS?



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Community Health Promotion Specialist I  
Epidemiology & Immunization Services Branch  
[Monica.Mcgill@sdcounty.ca.gov](mailto:Monica.Mcgill@sdcounty.ca.gov)



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



## **Dr. Christian Ramers**

Dr. Ramers currently serves as the Chief of Population Health and Director of Graduate Medical Education at Family Health Centers of San Diego. He is board certified in Internal Medicine, Infectious Diseases, and Addiction Medicine, and has clinical expertise in HIV, HBV, HCV, COVID-19, MPOX and care of immigrant and refugee populations. He serves on the County Clinical Vaccine Advisory Committee and Equity task forces, the national IDSA-CDC clinical call escalation volunteer group, and is a co-principal investigator on two NIH-sponsored research trials on prevention of household COVID-19 transmission and addressing vaccine hesitance in Latinx populations.

Please send questions to [Cynthia.To@sdcounty.ca.gov](mailto:Cynthia.To@sdcounty.ca.gov)



15 Minute Break!



# IMMUNIZATION EPIDEMIOLOGY DATA UPDATES

*Presented at the San Diego Immunization Coalition (SDIC) Meeting*

*Danelle Wallace, MPH, Senior Epidemiologist*

*Epidemiology & Immunization Services Branch, Public Health Services*

*June 9, 2023*





# COVID-19 VACCINES



Vaccine Recipient Demographics by Age Group

Vaccine Recipient Demographics by Vaccine Type

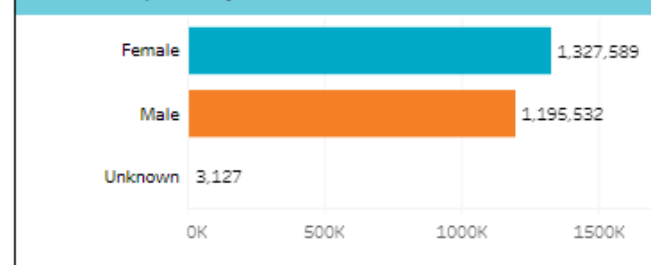
## San Diego County Residents Who Completed a Primary Vaccine Series\* of COVID-19 Vaccine by Age Group

Age Group

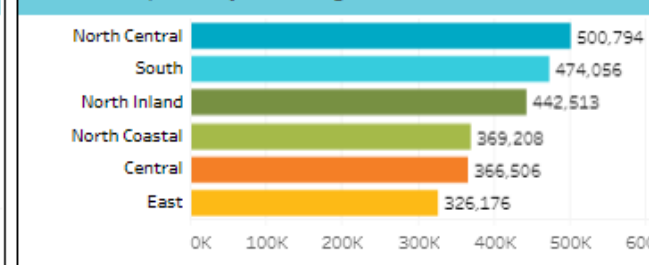
All Ages^

Eligible Population	People Vaccinated	Percent of Eligible Population Vaccinated	Vaccination Rate per 1,000**
3,351,784	2,704,175	81%	806.8

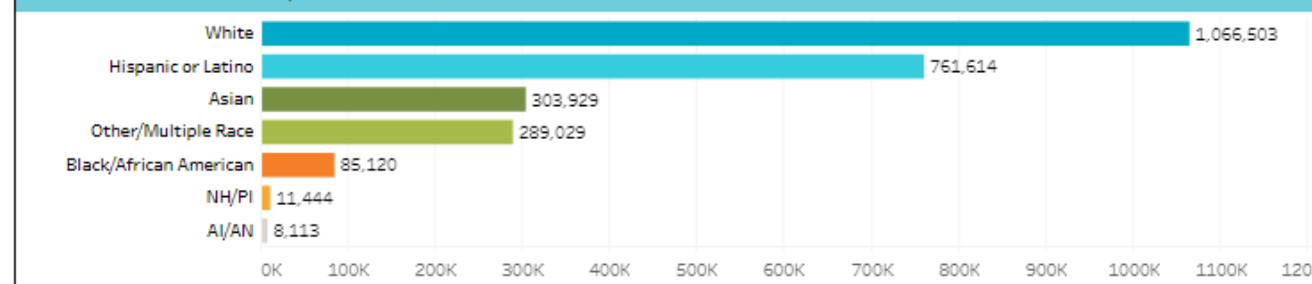
### Vaccine Recipients by Gender



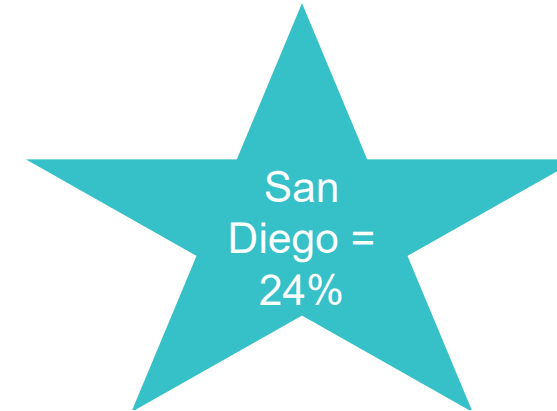
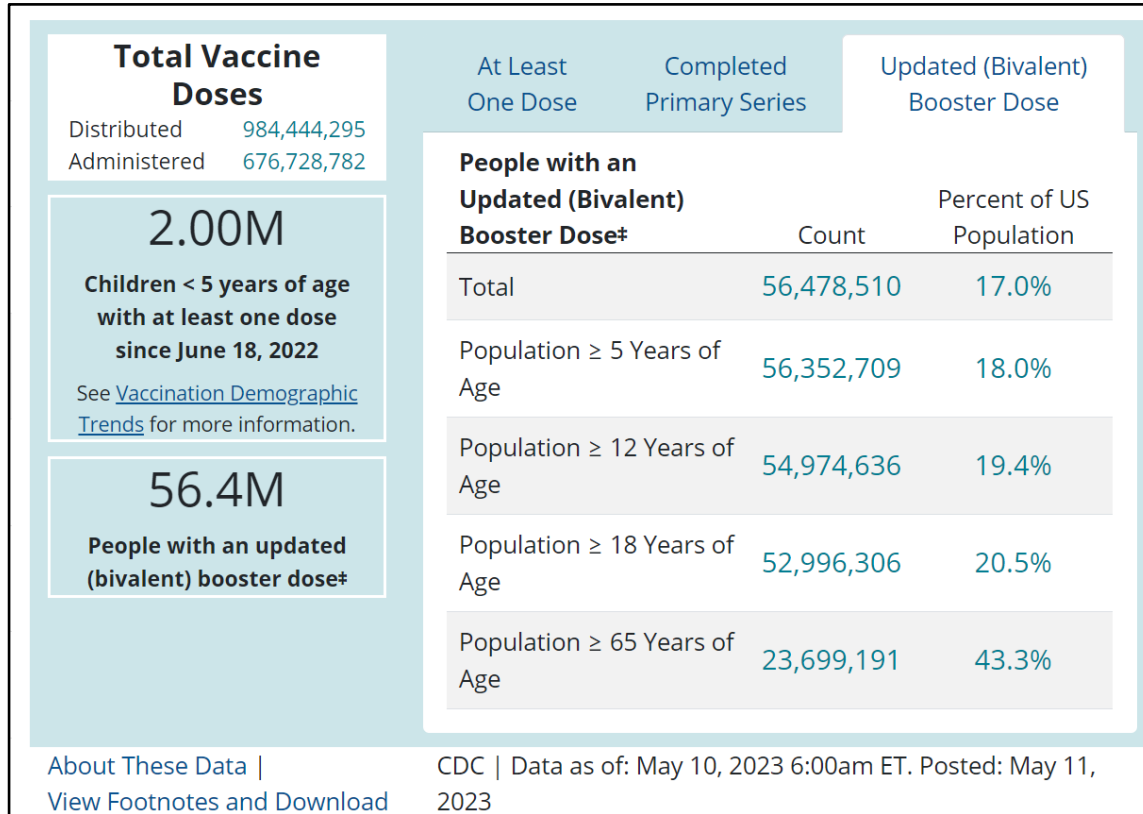
### Vaccine Recipients by HHS Region\*\*\*



### Vaccine Recipients by Race/Ethnicity\*\*\*\*

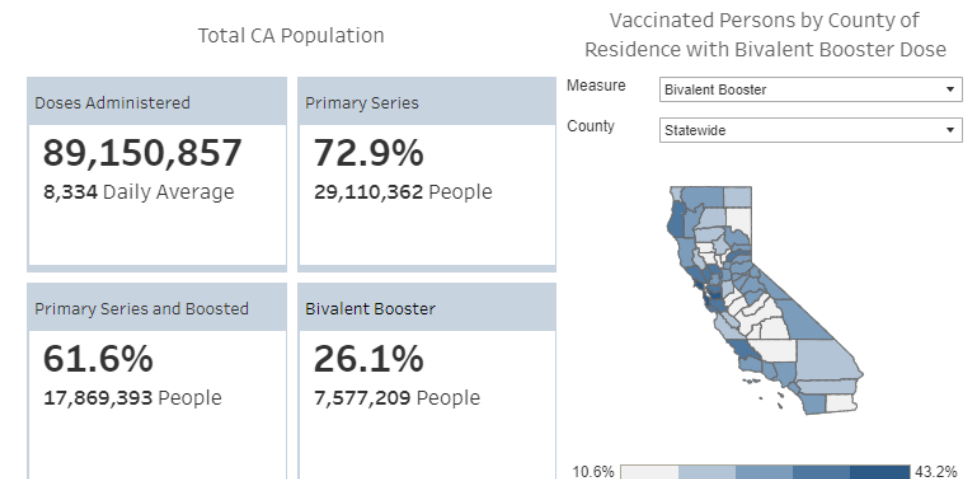


# COVID-19 VACCINES



## Statewide vaccination data

This chart shows all vaccinations administered in California, by county of residence.

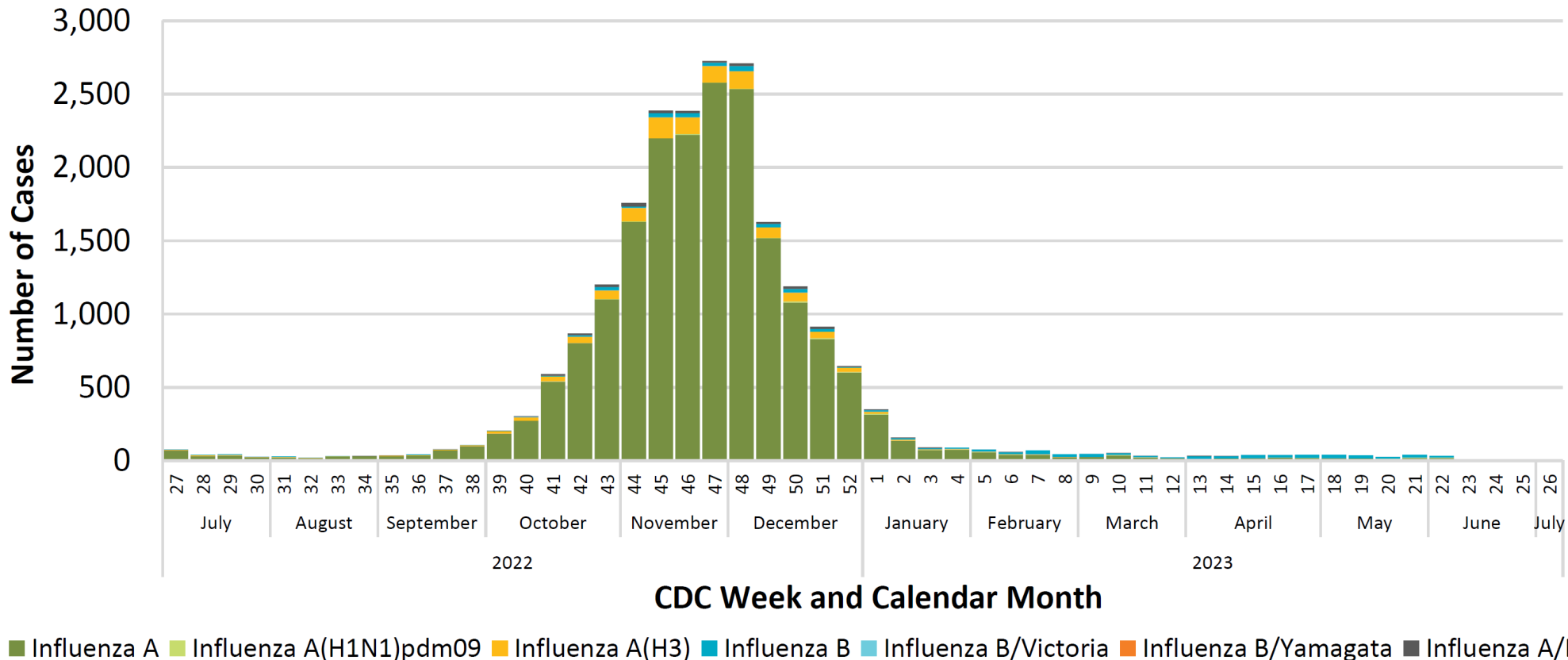


- Nationally, the bivalent booster coverage rate is **17.0%** (CDC COVID Data Tracker: Vaccination Trends).
- Statewide, the bivalent booster coverage rate is **26.1%** (Vaccination data - Coronavirus COVID-19 Response (ca.gov)).

# INFLUENZA VACCINES



Figure 2.2. San Diego County **Influenza** Cases by Type and CDC Episode Week,\*  
2022-23 Fiscal Year-to-Date (N=21,550)



There have been 21,550 cases to date, compared to 3,696 as of this time last year.

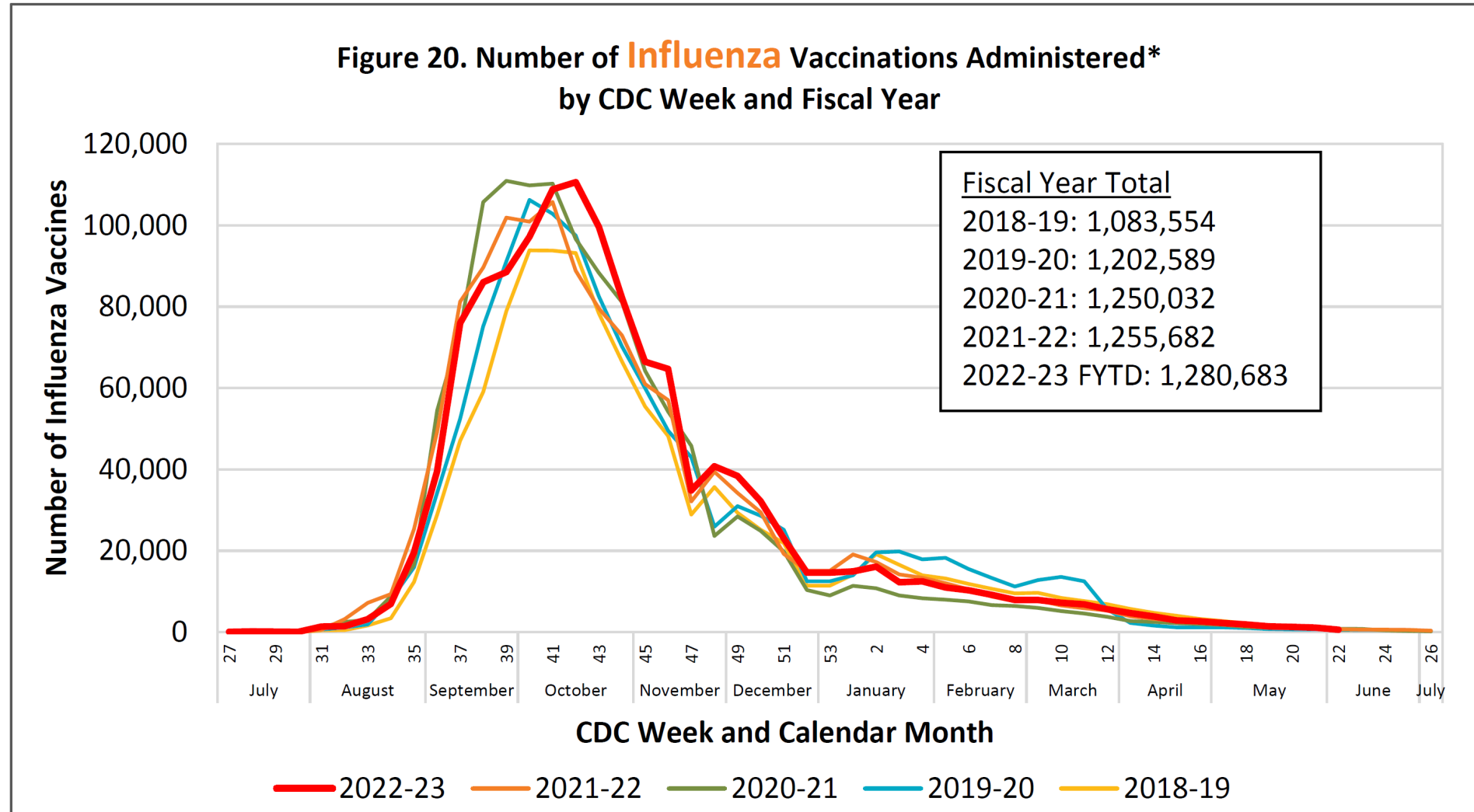
\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.

# INFLUENZA VACCINES



**38% of eligible San Diego residents**

**Figure 20. Number of Influenza Vaccinations Administered\* by CDC Week and Fiscal Year**



\*Week 52 data are repeated for week 53 for years that do not include week 53.

# HEPATITIS A CASES

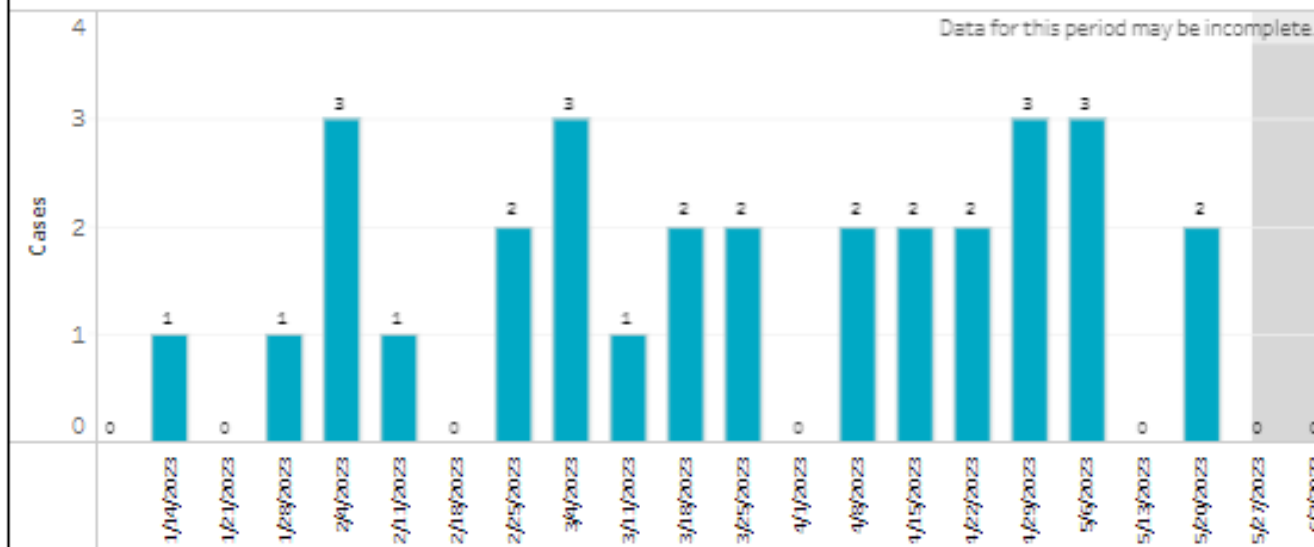


## San Diego County Hepatitis A Case Summary, 2023

Data through 6/3/2023. Updated 6/7/2023.

Cumulative Cases	Cumulative Hospitalizations	Cumulative Deaths
30	23	1

Confirmed Hepatitis A Cases by Episode Date,\* San Diego County



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

### Characteristics

	Count	Percent
Risk Categories	Both Illicit Drug Use and Homeless	15 54%
	Homeless Only	4 14%
	Illicit Drug Use Only	1 4%
	Neither Illicit Drug Use nor Homeless	8 29%
	Unknown	2
Age (years)	Median	46
	Minimum	26
	Maximum	67

[Hep A Local Cases \(sandiegocounty.gov\)](https://www.sandiegocounty.gov/health/communicable-diseases/hepatitis-a)

# HEPATITIS A VACCINES



## San Diego County Hepatitis A Vaccine Summary, 2023

### Dates Included

1/1/2023-2/12/2023

2/13/23-Present (Response Period)

Data through 06/06/2023. Updated 06/07/2023.

### Administering Provider Type

Source	Provider Type	Count	%
County	Foot Teams	717	2.4%
	PEP*	39	0.1%
	PODs**	289	1.0%
	Public Health Clinics	1,634	5.4%
	<b>Total</b>	<b>2,679</b>	<b>8.9%</b>
County-Affiliated	Champions for Health	698	2.3%
	Detention Facilities	174	0.6%
	<b>Total</b>	<b>872</b>	<b>2.9%</b>
Non-County	FQHCs	6,007	20.0%
	Healthcare Facilities	18,803	62.6%
	Pharmacies	1,659	5.5%
	<b>Total</b>	<b>26,469</b>	<b>88.2%</b>
<b>Grand Total</b>		<b>30,020</b>	<b>100.0%</b>

\*Post-Exposure Prophylaxis

\*\*Vaccine Point of Distribution

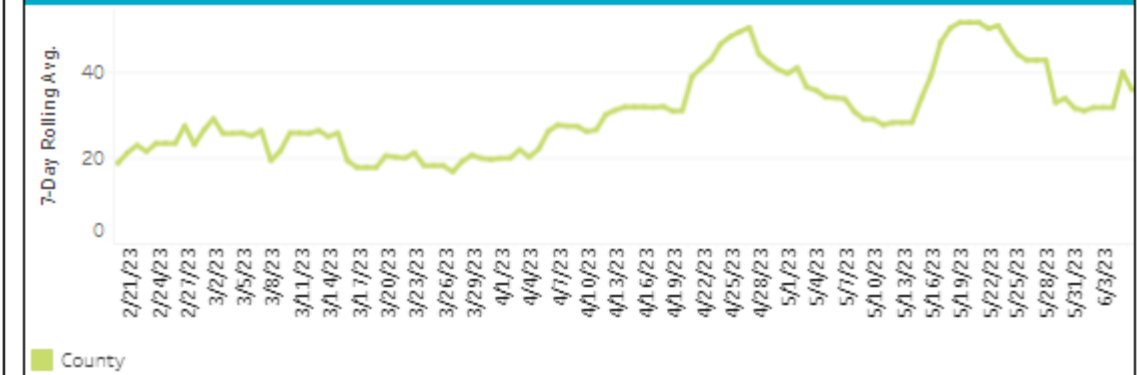
### Vaccine Recipient Age

Source	Age Group	Count	%
County	<18	1,204	44.9%
	18-29	174	6.5%
	30-49	697	26.0%
	50-64	473	17.7%
	65+	131	4.9%
	<b>Total</b>	<b>2,679</b>	<b>100.0%</b>
County-Affiliated	<18	7	0.8%
	18-29	120	13.8%
	30-49	391	44.8%
	50-64	282	32.3%
	<b>Total</b>	<b>872</b>	<b>100.0%</b>
Non-County	<18	21,486	81.2%
	18-29	531	2.0%
	30-49	1,674	6.3%
	50-64	1,565	5.9%
	65+	1,213	4.6%
	<b>Total</b>	<b>26,469</b>	<b>100.0%</b>
<b>Grand Total</b>		<b>30,020</b>	<b>100.0%</b>

### Administering Organization Affiliation

COUNTY

### Vaccines by Date Administered



All data are provisional and subject to change.

\*Includes vaccines entered into CAIR2 under the COSD Epidemiology or Immunization Program

Data source: California Immunization Registry (CAIR2)

[Vaccine Webpage \(sandiegocounty.gov\)](https://sandiegocounty.gov)

# COMING SOON!



- 2021-2022 Annual Immunization Report for childcare and schools ([lz Coverage Maps | sdizcoalition](#))
  - Being updated with current school year survey results
  - Tableau Dashboard being developed
- Random Digit Dial (RDD) 2021 Results
  - Currently with Leadership for review and approval
  - Presentations and summary reports to come

# CONTACT INFORMATION



- Contact information:

Danelle Wallace, MPH

Senior Epidemiologist

Epidemiology & Immunization Services Branch

DanelleRuth.Wallace@sdcounty.ca.gov

(619) 629-1698



*On May 17, 2016, the County of San Diego Health and Human Services Agency Department of Public Health Services received accreditation from the Public Health Accreditation Board.*





# INTRODUCTION TO RESIDENT ROTATION PROGRAM (RRP)

## June 9, 2023

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*Epidemiology & Immunization Services Branch*





The resident rotation program (RRP) aims to optimize immunization rates across the lifespan by educating residents on immunization-related knowledge, attitudes, behaviors, and best practices.



# STAFF



## PROGRAM MANAGERS



April Steely  
Public Health Nurse  
Supervisor



Jacqueline Doyle  
Program Coordinator

## PROGRAM LEADS



Cynthia To  
Administrative  
Coordinator



Stephanie Quach  
Sr. Public Health Nurse  
Clinical Coordinator

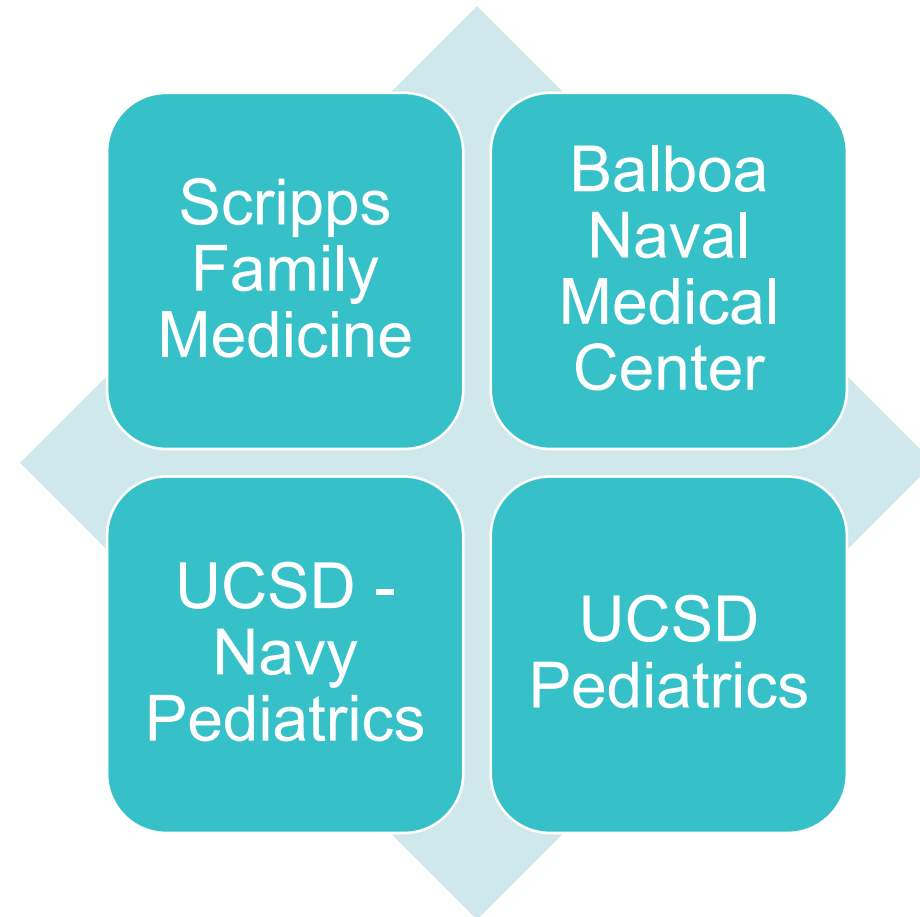


Laura Lee  
Public Health Nurse Support  
Clinical Coordinator

# PARTNERS



Physicians in residency:



# OBJECTIVES



LIVE WELL  
SAN DIEGO

Locate resources needed to accurately prescribe vaccines

Differentiate between precautions and contraindications

Identify patient's needs and recommend appropriate vaccines using ACIP guidelines

Adopt proper techniques of vaccine administration and recognize policies associated with vaccine storage

Address vaccine myths and hesitancy with patients

Describe side effects of vaccines and dispel any side effect myths

Illustrate confidence in the ability to effectively communicate vaccine safety with patients and family members regarding their concerns

# LEARNING ACTIVITIES



- Orientation (~1.5 Hrs.)
- Online Learning: Safety Modules and Case Studies (~3 Hrs.)
- Clinical practice at County Public Health Center (~3-4 Hrs.)





## Microsoft Teams, Zoom, or In-person

### Provides basic introduction to:

- Best practices - Improving vaccine rates, quality, vaccine hesitancy, and precautions/contraindications
- ACIP Guidelines – Schedules, Immunization Documents, Various Situations
- School Immunization Law – Schedules, Blue Card, Medical Exemption
- Vaccine Policies – Vaccine Information Sheet, Vaccine Adverse Event Reporting System, Vaccine Injury Compensation Program
- Vaccine Types & Routes – Needle Safety, Types of vaccines, Route, Clinic Form, Vaccine Preparation
- Tools & Resources



## Online TB webinars, Case Studies, & Safety Modules

- Must be completed prior to attending onsite clinical training.
- Case studies & safety modules cover pediatrics, family medicine, and internal medicine.
- Links to resource websites and printable forms



# ONLINE LEARNING



[www.sdizresidentrotation.org](http://www.sdizresidentrotation.org)



[Home](#)

[Curriculum](#)

[Printable Forms](#)

[Resource Links](#)

[Contacts and Sites](#)



## RESIDENT ROTATION for IMMUNIZATIONS

Provided by  
The San Diego Immunization Program



# CURRICULUM



[Home](#)

[Curriculum](#)

[Printable Forms](#)

[Resource Links](#)

[Contacts and Sites](#)



[Surveys](#)

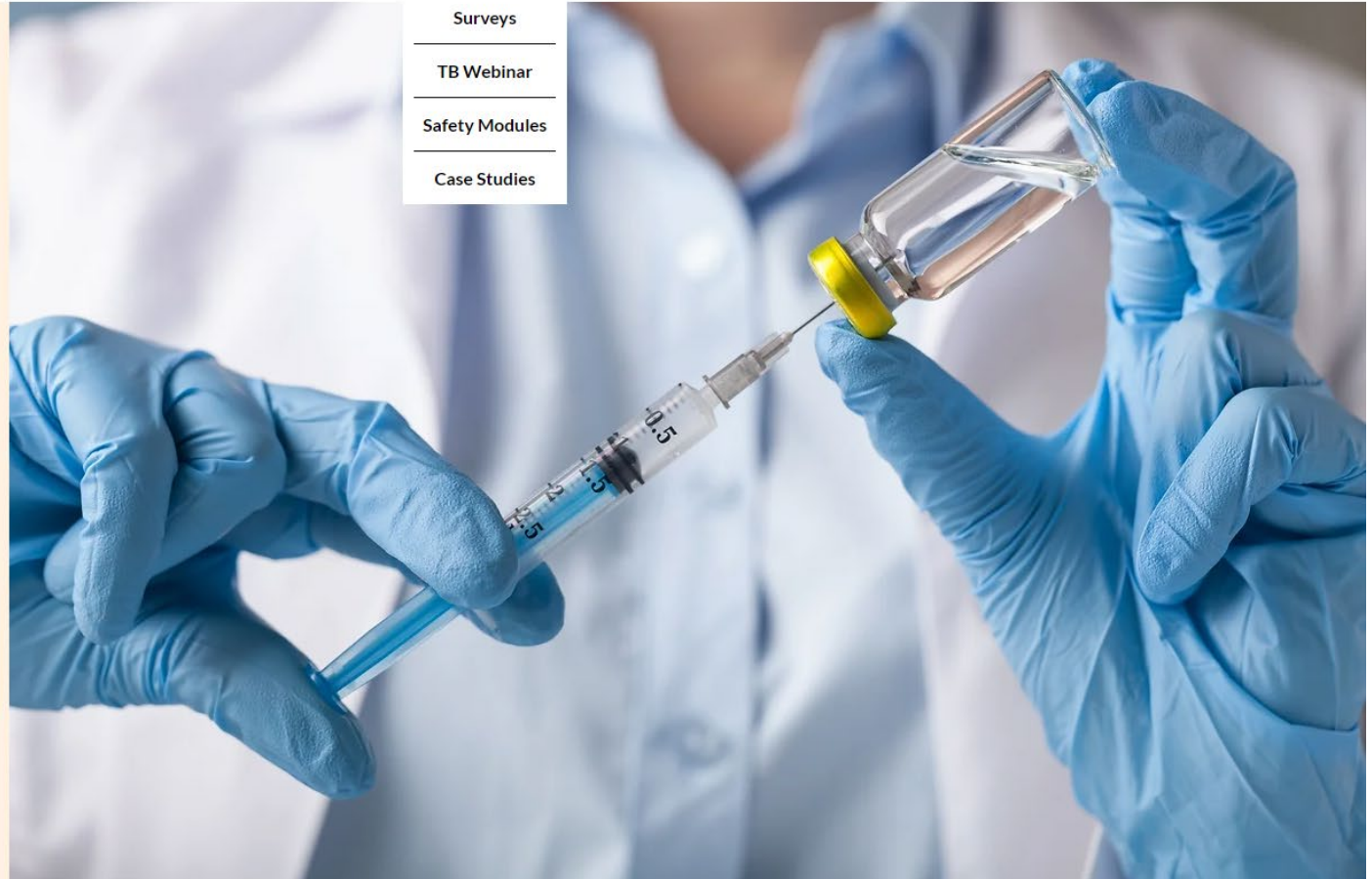
[TB Webinar](#)

[Safety Modules](#)

[Case Studies](#)

## RESIDENT ROTATION for IMMUNIZATIONS

Provided by  
The San Diego Immunization Program



# CLINICAL PRACTICE



Location: County PHC's

Vaccine preparation and administration

Determining immunizations status and vaccines due

CAIR2 application/data entry

Storage and handling procedures

Vaccine policies

Holding techniques for small children and babies

Needle safety

# PRINTABLE FORMS

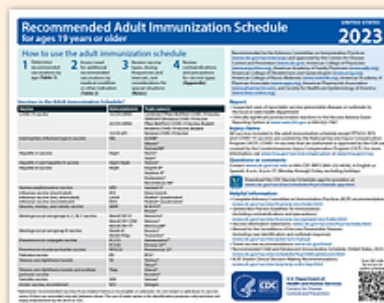
[Home](#)[Curriculum](#)[Printable Forms](#)[Resource Links](#)[Contacts and Site](#)

## PROGRAM PACKET

The following is an electronic version of the program packet you will receive during orientation. Please download select items of your choice. The resources are organized by general topics. To download all files, click the zip icon to the right. You must have the ability to unzip the file.

### 2023 IZ SCHEDULES & GUIDELINES

ACIP Adult  
Immunization Schedule  
(Current)



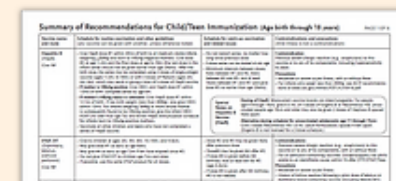
ACIP Pediatric  
Immunization Schedule  
(Current)



IAC Summary of Adult  
Immunization Schedule  
(Current)



IAC Summary of Pediatric  
Immunization Schedule  
(Current)





# ORIENTATION

Orientation Slides



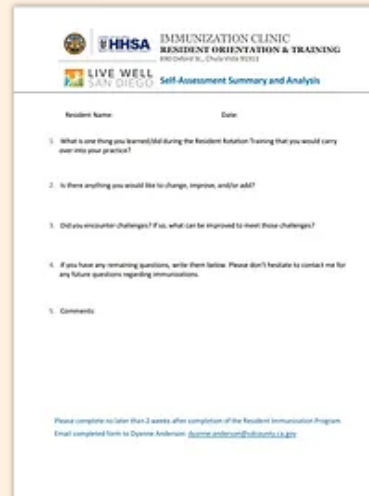
Confidentiality Statement



# CLINICAL FORMS

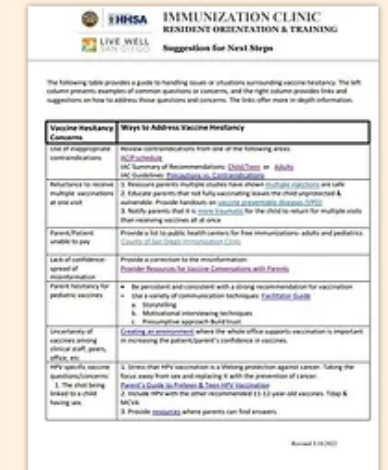
Self-Assessment Summary & Analysis Form

To be filled out post immunization clinic



Suggestions for Next Steps

Scenarios & situations related to vaccine hesitancy & suggestions on how to handle them

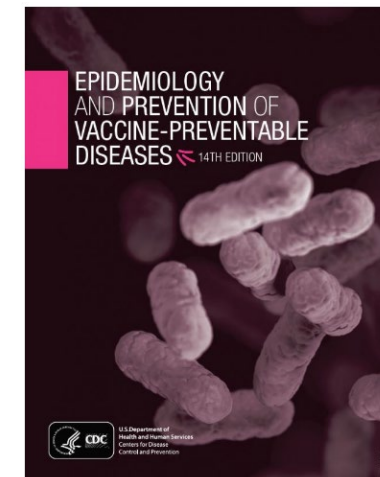


Vaccine Hesitancy Scenario	Ways to Address Vaccine Hesitancy
<ul style="list-style-type: none"> <li>Site of inappropriate immunizations</li> <li>Refused to receive multiple vaccinations at one visit</li> </ul>	<ul style="list-style-type: none"> <li>1. Review contraindications from one of the following areas:               <ul style="list-style-type: none"> <li>o CDC Schedule</li> <li>o AC Summary of Recommendations: <a href="#">Childcare or Adult</a></li> <li>o CDC Immunization Schedule</li> </ul> </li> <li>2. Reassure parents multiple studies have shown <a href="#">childhood vaccines</a> are safe</li> <li>3. Educate parents that not fully vaccinating leaves the child unprotected &amp; vulnerable. Provide handouts on <a href="#">vaccine hesitancy</a> <a href="#">vaccine safety</a></li> <li>4. Notify parents that it is <a href="#">CDC's guidance</a> for the child to return for multiple visits that require vaccines if at all.</li> </ul>
<ul style="list-style-type: none"> <li>Event, Patient unable to pay</li> </ul>	<ul style="list-style-type: none"> <li>1. Provide a list to public health centers for free immunizations: <a href="#">adults and pediatrics</a> <a href="#">County of San Diego Immunization Clinic</a></li> </ul>
<ul style="list-style-type: none"> <li>Lack of confidence in provider</li> <li>Parent hesitancy to pediatric vaccines</li> </ul>	<ul style="list-style-type: none"> <li>1. Provide a permission to the immunization: <a href="#">Provider Resources for Vaccine Conversations with Parents</a></li> <li>2. Be persistent and consistent with a strong recommendation for vaccination               <ul style="list-style-type: none"> <li>o Use a variety of communication techniques: <a href="#">Childcare, SAGE</a> <ul style="list-style-type: none"> <li>▪ Storytelling</li> <li>▪ Motivational interviewing techniques</li> <li>▪ <a href="#">Immunization Approaches: Build Trust</a></li> </ul> </li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Disparity of vaccine among general staff, parents, staff, etc.</li> <li>HPV specific vaccine</li> <li>HPV specific vaccine</li> </ul>	<ul style="list-style-type: none"> <li>1. Consider HPV vaccination as a strong protection against cancer. Taking the focus away from sex and replacing it with the prevention of cancer: <a href="#">Parents' Guide to HPV and Sex-Related Vaccines</a></li> <li>2. Review HPV with the parent recommendation (11-12 year old vaccine, Pap &amp; HPV)</li> <li>3. Provide <a href="#">resources</a> where parents can find answers.</li> </ul>

# ADDITIONAL RESOURCES



- **VFC Program**
  - About VFC Program <https://www.cdc.gov/vaccines/programs/vfc/index.html>
  - VFC Program for Providers <https://www.cdc.gov/vaccines/programs/vfc/providers/questions/qa-flyer-hcp.pdf>
  - VFC – Current Vaccine Prices <https://www.cdc.gov/vaccines/programs/vfc/awardees/vaccine-management/price-list/>
- **SDIR v CAIR**  
[https://www.sandiegocounty.gov/content/dam/sdc/hhsa/programs/phs/Immunizations/IZ\\_Images\\_and\\_Graphics/202-02-04%20Wondering%20about%20CAIR2%20features.pdf](https://www.sandiegocounty.gov/content/dam/sdc/hhsa/programs/phs/Immunizations/IZ_Images_and_Graphics/202-02-04%20Wondering%20about%20CAIR2%20features.pdf)
- **AB-1797** <https://www.cdph.ca.gov/Programs/CID/DCDC/CAIR/Pages/AB1797-Registry-FAQs.aspx>
- **HEDIS** <https://www.ncqa.org/hedis/>
- **CALIFORNIA IMMUNIZATION For Pre-kindergarten (Child Care) Programs and Schools**
  - Shots for Schools  
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/School/shotsforschool.aspx>
  - Handbook <https://eziz.org/assets/docs/shotsforschool/IMM-365.pdf>
  - Pre-K Guide  
<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/IMM-230.pdf>
  - K-12 Guide <https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/IMM-231.pdf>
- **CAIR-ME** <https://cair.cdph.ca.gov/exemptions/home>
- **Vaccine Information Statements:** <https://www.immunize.org/vis/>
- **VAERS** <https://vaers.hhs.gov/index.html>
- **Epidemiology and Prevention of Vaccine-Preventable Diseases** [Pink Book Course](https://www.cdc.gov/vaccines/pubs/pinkbook/index.html)  
<https://www.cdc.gov/vaccines/pubs/pinkbook/index.html>
- **San Diego Immunization Coalition** [SDIC Home \(sdizcoalition.org\)](https://sdizcoalition.org)



# RESIDENT FEEDBACKS



“The course was well organized and felt supported throughout the trainings.”

“Thank you for allowing this! The duration of our involvement was perfect and seeing some of the resources offered at that facility was awesome. Would not have known about this otherwise.”

“The experience helps me appreciate the immunization schedule more; I do not have children, so while I know the schedule from studying/ exams, having the children come in and administer 4-6 vaccines in one sitting I feel I am better able to discuss parent’s concern in regard to the schedule now (the amount given in a visit has been brought up to me before). “



# QUESTIONS?







LIVE WELL  
SAN DIEGO

THANK YOU!



# SDIC SERVICE DELIVERY IMMUNIZATION VACCINE PREVENTABLE DISEASES PROGRAM

## CLINICAL TEAM UPDATE

JUNE 9, 2023

*Masha Djuric, RN, PHN Supervisor*



# PROGRAM UPDATES



## IMMUNIZATIONS

Vaccine Preventable Diseases PROGRAM		VACCINE PROGRAM	
1	PHN Supervisor	1	PHN Supervisor
1	QAS	2	QAS's
3	Senior PHN's	2	Senior PHN's
4	PHN's	4	PHN's
2	School workforce grant RN's	1	Vaccine Support
2	Senior HIMT		
2	HIMT (1 Vacant)		

# Perinatal Hepatitis B Program (sandiegocounty.gov)



## Perinatal Hepatitis B Prevention Program



The County of San Diego Perinatal Hepatitis B Prevention Program provides case management and support to local mothers and medical providers with the goal of preventing perinatal, or mother-to-baby, transmission of hepatitis B virus infection.

Hepatitis B is a viral liver disease that can be spread via:

- sexual transmission
- injection drug use
- blood borne/body fluid exposures
- mother to baby at birth

Individuals that are diagnosed with Hepatitis B may be asymptomatic or can experience symptoms such as fatigue, fever, yellow skin and eyes (jaundice), abdominal pain, and change in color of stool.

When an infant is born to a Hepatitis B positive mother, 70-95% of those infants will develop a chronic infection if they do not receive the appropriate vaccines at birth and early childhood. Chronic Hepatitis B can cause many health issues including liver cancer, liver failure, and death.



Select Language ▾

Powered by Google Translate



COUNTY OF SAN DIEGO  
**HHSA**  
HEALTH AND HUMAN SERVICES AGENCY



**LIVE WELL**  
SAN DIEGO



# Perinatal Hepatitis B Program ([sandiegocounty.gov](http://sandiegocounty.gov))

## Program Objectives and Services

- Provide case management for Hepatitis B positive pregnant women and their infants.
- Educate medical providers, birth hospitals, and Hepatitis B infected pregnant women and their close contacts.
- Coordinate with birth hospitals to promote implementation of national perinatal Hepatitis B prevention recommendations.
- Screen and vaccinate at-risk close contacts.
- Provide technical assistance, consultation, resources, and coordination of services.



**Parents and  
Guardians**



**Prenatal Care  
Providers**



**Labor and Delivery  
Hospitals**



**Vaccine & Lab Info**



**Pediatricians**



**Resources & Materials**



### Immunization Unit Navigation Menu

**Immunization  
Home Page**

**Vaccines for All  
Ages and Stages**

**Immunization Requirements for  
Child Care and TK/K-12 Schools**

**Seasonal Influenza-Flu**

- [Flu Vaccine Locations](#)
- [Sitios de Vacunas](#)
- [Flu Resources and Materials](#)
- [Guidance for High Risk Groups](#)
- [Health Conditions and Flu Complications](#)
- [Healthcare Personnel Flu Season Mandates](#)

**Immunization  
Clinic Locations**



## San Diego County Respiratory Virus Surveillance Report

Prepared by Epidemiology and Immunization Services Branch

[www.sdepi.org](http://www.sdepi.org)

June 8, 2023

### COVID-19

Cases  
155,130

Deaths  
463

Outbreaks\*  
466

7/3/2022 – 6/3/2023

### Influenza

Cases  
21,550

Deaths  
43

Outbreaks\*  
25

7/3/2022 – 6/3/2023

\*In residential congregate settings

#### Report Content Links

- Page 2: [COVID-19 and Influenza Fiscal Year-to-Date Overview](#)
- Page 3: [COVID-19 and Influenza Cases by Episode Week, Fiscal Year-to-Date](#)
- Page 4: [Cumulative COVID-19 and Influenza Cases](#)
- Page 5: [COVID-19 Hospital and ICU Census](#)
- Page 6: [Emergency Department Data: COVID-like Illness and Influenza-like Illness](#)
- Page 7: [Monthly COVID-19 Cases, Hospitalizations, and Deaths by Age](#)
- Page 8: [Influenza Case Counts by Age](#)
- Page 9: [COVID-19 and Influenza Outbreaks and Co-Infections](#)
- Page 10: [COVID-19 and Influenza Deaths](#)
- Page 11: [Summary of Deaths, Fiscal Year-to-Date](#)
- Page 12: [Vaccinations Administered](#)
- Page 13: [Wastewater Surveillance](#)
- Page 14: [COVID-19 Surveillance on Variants](#)
- Page 15: [Respiratory Syncytial Virus \(RSV\) Surveillance](#)

*Data are preliminary and may change due to delayed reporting and additional information obtained during investigations.*

Most data in this report are presented by fiscal year, which runs July 1–June 30. Because data are also presented by CDC disease week, which runs Sunday–Saturday, we start the data for 2022–23 on July 3, 2022.

The purpose of the weekly *Respiratory Virus Surveillance Report* is to summarize current COVID-19 and influenza surveillance in San Diego County. Additional information on COVID-19 and influenza reporting, resources, data sources, and definitions can be found in the [Supplemental Information](#) document. A link to subscribe to this report are available via the Epidemiology Unit [website](#).

Please visit the COVID-19 data dashboards on the County of San Diego COVID-19 [website](#). Additional COVID-19 data are available there in a more interactive format.

Epidemiology and Immunization Services Branch

[www.sdepi.org](http://www.sdepi.org) (619) 692-8499

# Epidemiology Unit ([www.sdepi.org](http://www.sdepi.org))

Health & Human Services Agency

ENHANCED BY Google

MENU ▾ PROGRAMS ALL SERVICES A-Z FACILITIES ADVISORY BOARDS CONTACT US

## Hepatitis A

Hepatitis A

### 2023 Hepatitis A Local Situation

Last updated 5/24/2023.

See below, or click the following links to learn more about:

- Updates
- San Diego County Local Cases
- San Diego County Vaccine Summary
- Response Efforts
- Resources
  - Map of Handwashing Stations and Public Restrooms

#### Updates

On February 10, 2023, the County of San Diego issued a [Health Advisory](#) regarding an increase in hepatitis A virus (HAV) infections. As of May 31, 2023, twenty-nine acute HAV infections have been confirmed in San Diego County residents since the beginning of 2023. Nineteen (19) of the 29 cases have occurred in populations of persons experiencing homelessness (PEH).

The current increase in cases in persons experiencing homelessness (PEH) and drug using populations is consistent with person-to-person transmission with no food source identified. While no outbreak has been identified in a single location, cases are above the baseline of approximately two cases of HAV each month. The County is actively taking and expanding steps to prevent further spread of the disease.




To learn more, visit [www.sandiegocounty.gov/hepa](http://www.sandiegocounty.gov/hepa).

#### Response Efforts

Public Health Services planned and coordinated with local cities and organizations in early February after reaching three cases and one death in the homeless population. Response efforts include:

- Surveillance**
  - Enhanced surveillance, case investigations, and testing.
  - Regular data analysis and reporting of **cases** and **vaccines administered**.
- Vaccination**
  - More than 4,500 vaccinations have been administered to those considered most at-risk from the disease. PEH are more vulnerable to getting sick from the virus because of its ability to spread in areas without convenient access to bathrooms and handwashing.

I am looking to subscribe to the following...

-  **Subscribe to the Respiratory Virus Surveillance Report**
-  **CAHAN San Diego Alerts**
-  **Monthly Communicable Disease Reports**

## Epidemiology Unit

The Epidemiology Unit works to identify, investigate, register, and evaluate communicable emerging diseases and conditions to protect the health of the community. The Epidemiology Unit also oversees the Childhood Lead Poisoning Prevention Program and the HIV Epidemiology Unit.

For more information, contact the Epidemiology Unit at (619) 692-8499 or send us an [e-mail](#).

HEALTH

## County Public Health Responds to Growing Number of Hepatitis A Cases

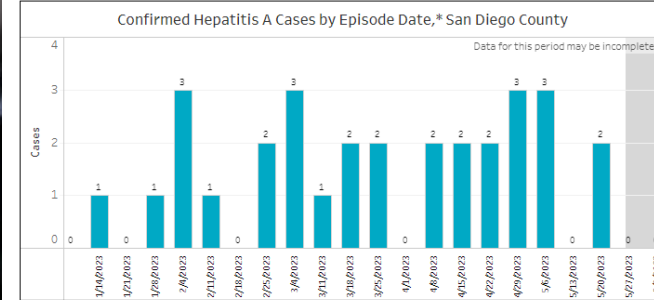


The San Diego Union-Tribune

### San Diego County Hepatitis A Case Summary, 2023

Data through 6/3/2023. Updated 6/7/2023.

Cumulative Cases	Cumulative Hospitalizations	Cumulative Deaths
30	23	1



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

Characteristics			
Risk Categories	Count	Percent	
Both Illicit Drug Use and Homeless	15	54%	
Homeless Only	4	14%	
Illicit Drug Use Only	1	4%	
Neither Illicit Drug Use nor Homeless	0	29%	



HOMELESSNESS

## Hitting the streets to stop the hepatitis A outbreak among homeless people

[www.sdepi.org](http://www.sdepi.org)



Registered Nurse Andrea Huerta administers a hepatitis A vaccine to Deanna, who did not share her last name, at a recent stop Street. The county has increased its efforts to vaccinate people on the street against hepatitis A after an increase in local infections (Nelson C. Cepeda/The San Diego Union-Tribune)

### San Diego County Hepatitis A Vaccine Summary, 2023

Data through 06/06/2023. Updated 06/07/2023.

Dates Included  
 1/1/2023-2/12/2023  
 2/13/23-Present (Response Period)

Administering Provider Type				Vaccine Recipient Age				
Source	Provider Type	Count	%	Source	Age Group	Count	%	
County	Foot Teams	717	1.8%	County	<18	1,738	52.7%	
	PEP*	39	0.1%		18-29	189	5.7%	
	PODs**	297	0.7%		30-49	732	22.2%	
	Public Health Clinics	2,242	5.6%		50-64	494	15.0%	
	Total	3,295	8.2%		65+	142	4.3%	
Total				3,295	100.0%			
County-Affiliated	Champions for Health	698	1.7%	County-Affiliated	<18	9	1.0%	
	Detention Facilities	210	0.5%		18-29	129	14.2%	
	Total	908	2.2%		30-49	412	45.4%	
Non-County	FQHCs	8,233	20.4%		50-64	286	31.5%	
	Healthcare Facilities	25,925	64.2%		65+	72	7.9%	
	Pharmacies	2,027	5.0%	Total	908	100.0%		
	Total	36,185	89.6%	Non-County	<18	29,692	82.1%	
Grand Total					40,388	100.0%		
					18-29	685	1.9%	
					30-49	2,179	6.0%	
					50-64	2,074	5.7%	
				65+	1,555	4.3%		
				Total	36,185	100.0%		
				Grand Total	40,388	100.0%		





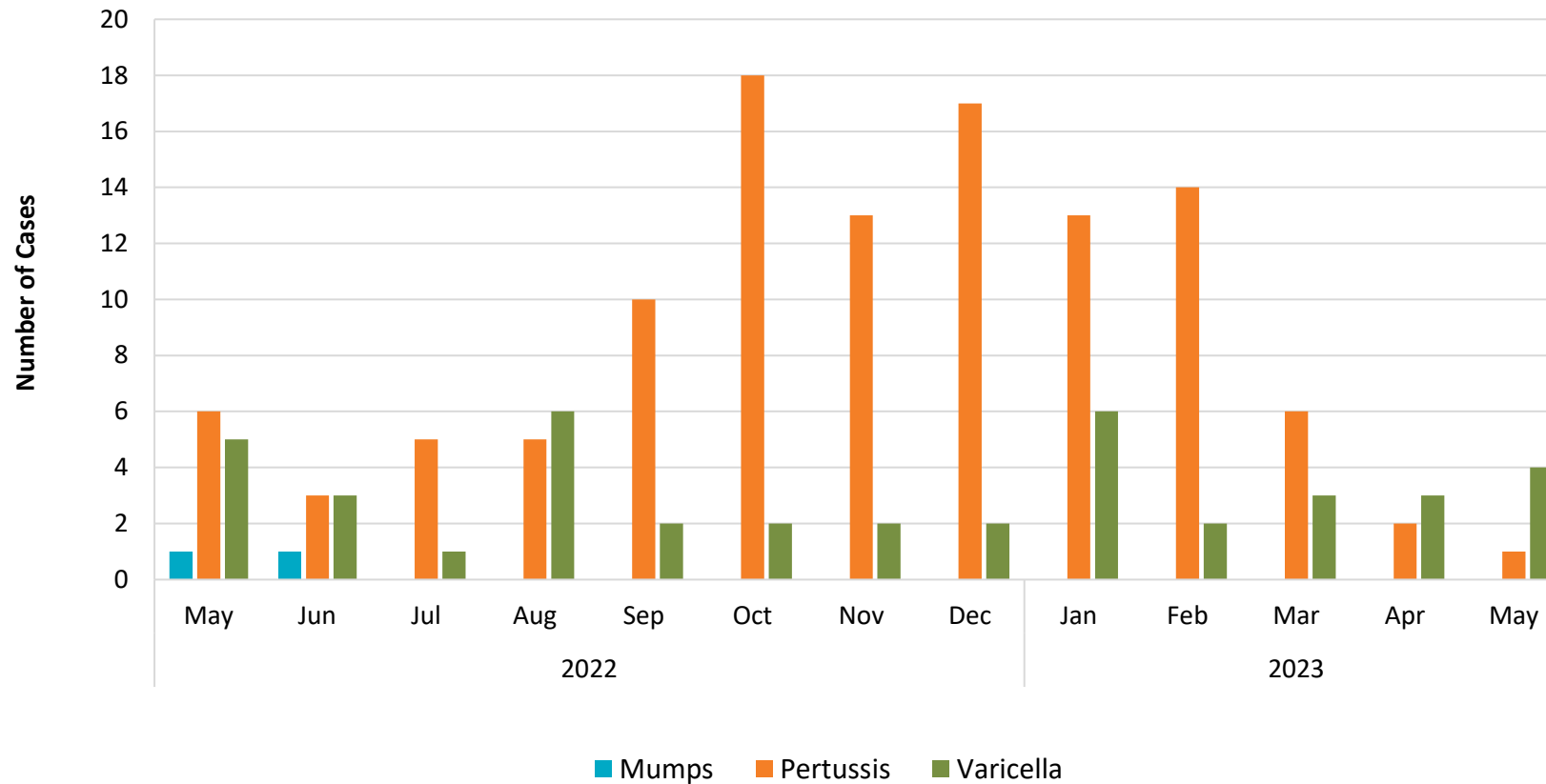
# EISB Hepatitis A POD and Foot Team Activities



# 2022 VPD DATA



Select Vaccine-Preventable Infections by Month  
May 2022 – May 2023 YTD\*

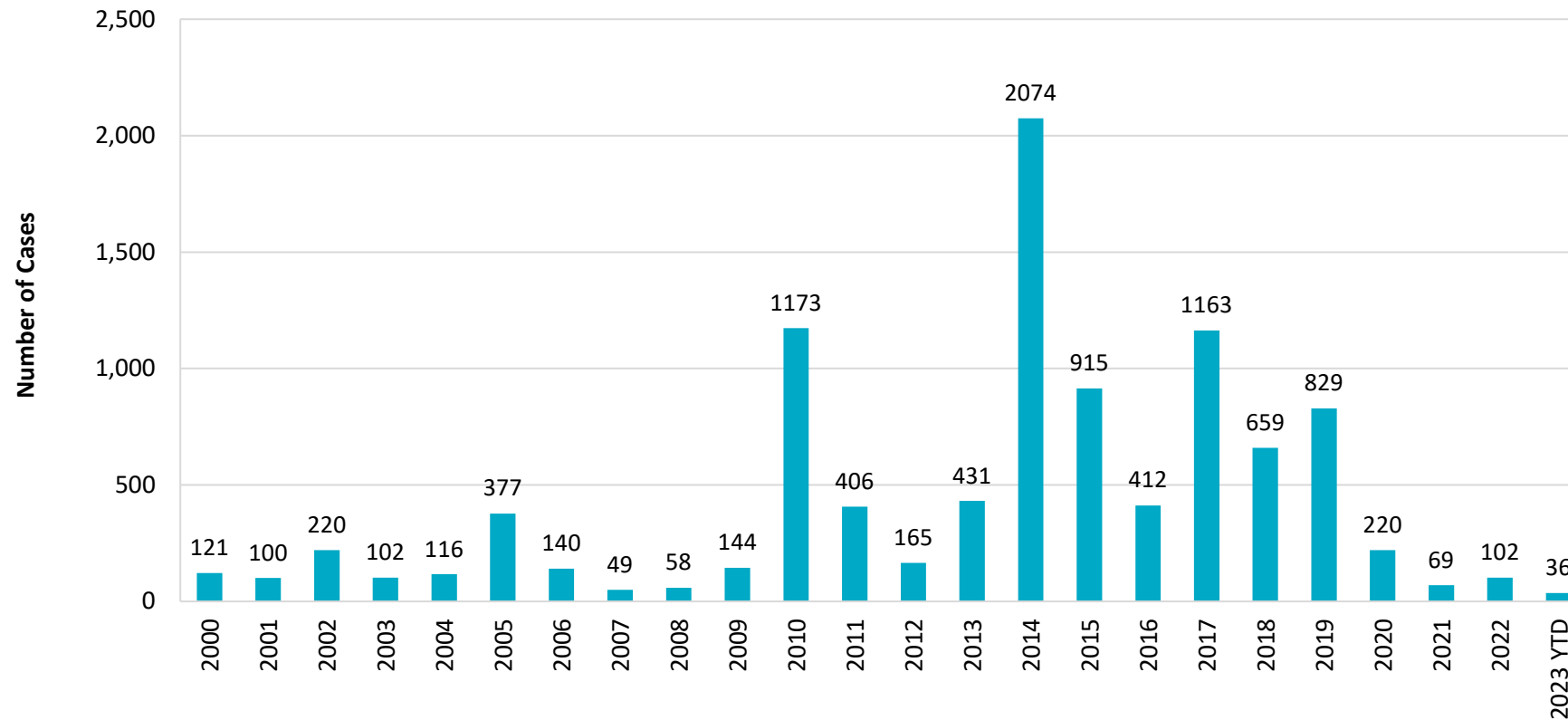


\* 2023 data are year to date; current as of 6/5/23. Case counts are provisional and subject to change as additional information becomes available. Cases are grouped into calendar months and calendar years on the basis of the earliest of the following dates: onset, lab specimen collection, diagnosis, death, and report received. Counts may differ from previously or subsequently reported counts due to differences in inclusion or grouping criteria, late reporting, or updated case information. Inclusion criteria (C,P,S = Confirmed, Probable, Suspect) based on Council of State and Territorial Epidemiologists/Centers for Disease Control and Prevention (CSTE/CDC) surveillance case criteria. Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, EISB.

# PERTUSSIS



**San Diego County Pertussis Annual Total Cases by Year of Onset,  
2000-2023 YTD\***



\* 2023 data are year to date; current as of 6/5/23. Case counts are provisional and subject to change as additional information becomes available. Cases are grouped into calendar months and calendar years on the basis of the earliest of the following dates: onset, lab specimen collection, diagnosis, death, and report received. Counts may differ from previously or subsequently reported counts due to differences in inclusion or grouping criteria, late reporting, or updated case information. Inclusion criteria (C,P,S = Confirmed, Probable, Suspect) based on Council of State and Territorial Epidemiologists/Centers for Disease Control and Prevention (CSTE/CDC) surveillance case criteria. Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, EISB.

# PERTUSSIS IN SCHOOLS



## 41 Pertussis school notifications sent in 2022-2023 YTD

**People of all ages need WHOOPING COUGH VACCINES**

DTaP for young children	Tdap for preteens	Tdap for pregnant women	Tdap for adults
<ul style="list-style-type: none"> <li>✓ 2, 4, and 6 months</li> <li>✓ 15 through 18 months</li> <li>✓ 4 through 6 years</li> </ul>	<ul style="list-style-type: none"> <li>✓ 11 through 12 years</li> </ul>	<ul style="list-style-type: none"> <li>✓ During the 27-36th week of each pregnancy</li> </ul>	<ul style="list-style-type: none"> <li>✓ Anytime for those who have never received it</li> </ul>

[www.cdc.gov/whoopingcough](http://www.cdc.gov/whoopingcough)

أعزائنا الوالدين/الأوصياء

لقد لوحظ حصول حالات/حالات من مرض السعال الديكي (pertussis) في مدرستنا/الرحلة الصحية / صفوفنا الفرحا. من المحتمل ان يكون طفلكم قد تعرض لهذا المرض الشديد (القيء، والذي يسبب سعال شديداً، لا يوجد قئاح وقائي ناجح 100% ، و لهذا حتى الأشخاص المصنوعين/الملقحين معرضين بالإصابة بمرض السعال الديكي ولكن الأعراض **تبقى** عادة أقل حدة.

ان السعال الديكي ينتشر عن طريق الهواء عندما يعطس أو يسعل الشخص المريض. ان الأطفال الرضع والصغار يلعبون معرضين رد مثل سعال الأنف ، حمى خفيفة، والسعال بين ن يتبعه :-

**Fecha:**

RE: EXPOSICIÓN A LA TOS FERINA

Estimado padre/tutor:

Ha habido un(os) caso(s) de tos ferina en nuestro/a escuela/guardería/salón/equipo. Su hijo/a pudo haber sido expuesto/a a esta enfermedad sumamente contagiosa que causa tos severa. Ya que ninguna vacuna protege al 100%, a todos los niños/as se les administrará una dosis de tos ferina, pero los síntomas regularmente:

**[DATE]**

RE: PERTUSSIS EXPOSURE

Dear Parent/Guardian,

There has been a case of Pertussis (Whooping Cough) in **[Name of facility]**. Your child may have been exposed to this highly contagious disease that causes severe coughing. Because no vaccine is 100% protective, even immunized persons can become ill with pertussis, but the symptoms are usually milder.

Please notify your child's doctor if your child develops symptoms of pertussis. Notify the childcare if your doctor suspects your child is ill with pertussis. Ill children should stay home until completion of five days of antibiotic therapy to prevent spreading the disease to others.

**About Pertussis**

Pertussis is spread through the air when an ill person coughs or sneezes. Infants and young children are at highest risk of life threatening complications from the disease. Their symptoms most often include cold symptoms such as runny nose, slight fever, and occasional cough. The cough becomes worse, turning into coughing spasms that may be followed by:

- a crowing (whooping) sound on breathing in
- vomiting or gagging
- choking or turning blue

In older children and adults, pertussis symptoms include aggravating coughing attacks that last for two weeks or longer and may be accompanied by vomiting, gagging, and sticky mucus production. These attacks may worsen at night. Between the coughing attacks, the person may feel well and have no symptoms.

To help protect against getting ill from Pertussis:

1. Check with your doctor to see if your child is up to date with the appropriate number of DTaP (childhood) vaccine doses. Your child should continue to get their vaccines as recommended on the vaccination schedule. If your child is behind on their vaccinations, they should be placed on a catch-up schedule.
2. Teenagers and adults need a Pertussis booster Tdap, too. People 10 years and older should receive one Tdap vaccination.
3. Wash hands frequently.
4. Visit the websites [If you have any additional questions regarding pertussis, you may call the County of San Diego Health and Human Services Agency, Immunization Branch at \(866\) 358-2966 and press 5 to speak with a Public Health Nurse or email \[PHS-IZPHN.HHSA@sdcounv.ca.gov\]\(mailto:PHS-IZPHN.HHSA@sdcounv.ca.gov\).](http://CDC - Whooping Cough (Pertussis) or the Immunization Program (sandiegocounty.gov) to learn more about pertussis.</a></li>
</ol>
</div>
<div data-bbox=)

Sincerely,

السعال الديكي. يتم التعامل مع هذا المرض

و ينبغي إبقاء الأطفال المرضى في المنزل لعين ن الآخرين.

DTaP (للأطفال) أو لقاح Tdap (للمراهقين

[Immunization Program](#) (sandiegocounty.gov) ضد السعال الديكي ، ينبغي تحديد موعد للأطفال **بمجرد** العطل المرض بعد احتكاكه بشخص

و الخدمات الإنسانية ، خدمات علم الأولية و

Si tiene más preguntas sobre la tos ferina, y Agencia de Salud y Servicios Humanos del presione la tecla numero 5 para hablar con electrónico a [PHS-IZPHN.HHSA@sdcounv.ca.gov](mailto:PHS-IZPHN.HHSA@sdcounv.ca.gov)

Atentamente

# SCHOOL WORKFORCE GRANT



## PURPOSE

- Increase immunization rates in school-aged children

## TASKS AND ACTIVITIES

- School and community IZ events (PODs) – **17+2**
  - Tdap vaccines - **177**
  - Covid vaccines - **40**
  - Influenza vaccines - **14**
- Creation of educational materials (power points, flyers, etc.)
- Education of students and families – **230+**
- Education of school administration & health personnel – **17 schools**
- Collaboration with school & district nurses – **50+**
- Translation and transcription of IZ records – **30+**
- Data collection



# VPD PROGRAM CLINICAL TEAM



- Masha Djuric, PHN Supervisor  
[Maria.Djuric@sdcounty.ca.gov](mailto:Maria.Djuric@sdcounty.ca.gov)
- Stephanie Daniels, RN - QAS  
[Stephanie.Daniels@sdcounty.ca.gov](mailto:Stephanie.Daniels@sdcounty.ca.gov)
- Fadumo Ismail, Senior PHN  
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- Emma King, PHN  
[Emma.King@sdcounty.ca.gov](mailto:Emma.King@sdcounty.ca.gov)

## CLINICAL SUPPORT

- Maria Arevalo, Senior HIMT  
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- Alyssa Gomez, Senior HIMT  
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- Ngoc Vu, HIMT  
[Ngoc.Vu1@sdcounty.ca.gov](mailto:Ngoc.Vu1@sdcounty.ca.gov)

## SCHOOL WORKFORCE GRANT

- Francesco Cortez, Agency RN  
[Francesco.Cortez@sdcounty.ca.gov](mailto:Francesco.Cortez@sdcounty.ca.gov)
- Melissa Simon, Agency RN  
[Melissa.Simon@sdcounty.ca.gov](mailto:Melissa.Simon@sdcounty.ca.gov)

**Immunization VPD Program disease reports and inquiries are made:**

**Monday-Friday 8am – 5pm:  
Immunization PHN Line 866-358-2966 option 5  
or by sending an email to  
[PHS-IZPHN.HHSA@sdcounty.ca.gov](mailto:PHS-IZPHN.HHSA@sdcounty.ca.gov)**

**After-hours, weekends & holidays: 858-565-5255**



# QUESTIONS



# RESOURCES



- [All Diseases and Conditions \(ca.gov\)](#)
- [Ask the Experts: Experts Answer Questions About Vaccines \(immunize.org\)](#)
- [Data and Reports \(sandiegocounty.gov\)](#)
- [Digital Vaccine Record \(ca.gov\)](#)
- [Epidemiology Program \(sandiegocounty.gov\)](#)
- [Immunization Program \(sandiegocounty.gov\)](#)
- [Perinatal Hepatitis B Program \(sandiegocounty.gov\)](#)
- [SDIC Home \(sdizcoalition.org\)](#)
- [Shots for School \(ca.gov\)](#)



*On May 17, 2016, the County of San Diego Health and Human Services Agency Department of Public Health Services received accreditation from the Public Health Accreditation Board.*





# STATE FLU VACCINE PROGRAM UPDATES

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June 9, 2023

*Araceli Montera, MPH*

*State Flu Vaccine Admin Coordinator*



# THANK YOU!

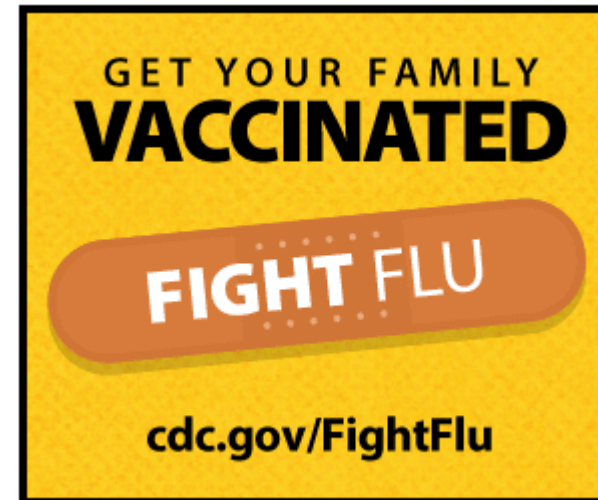


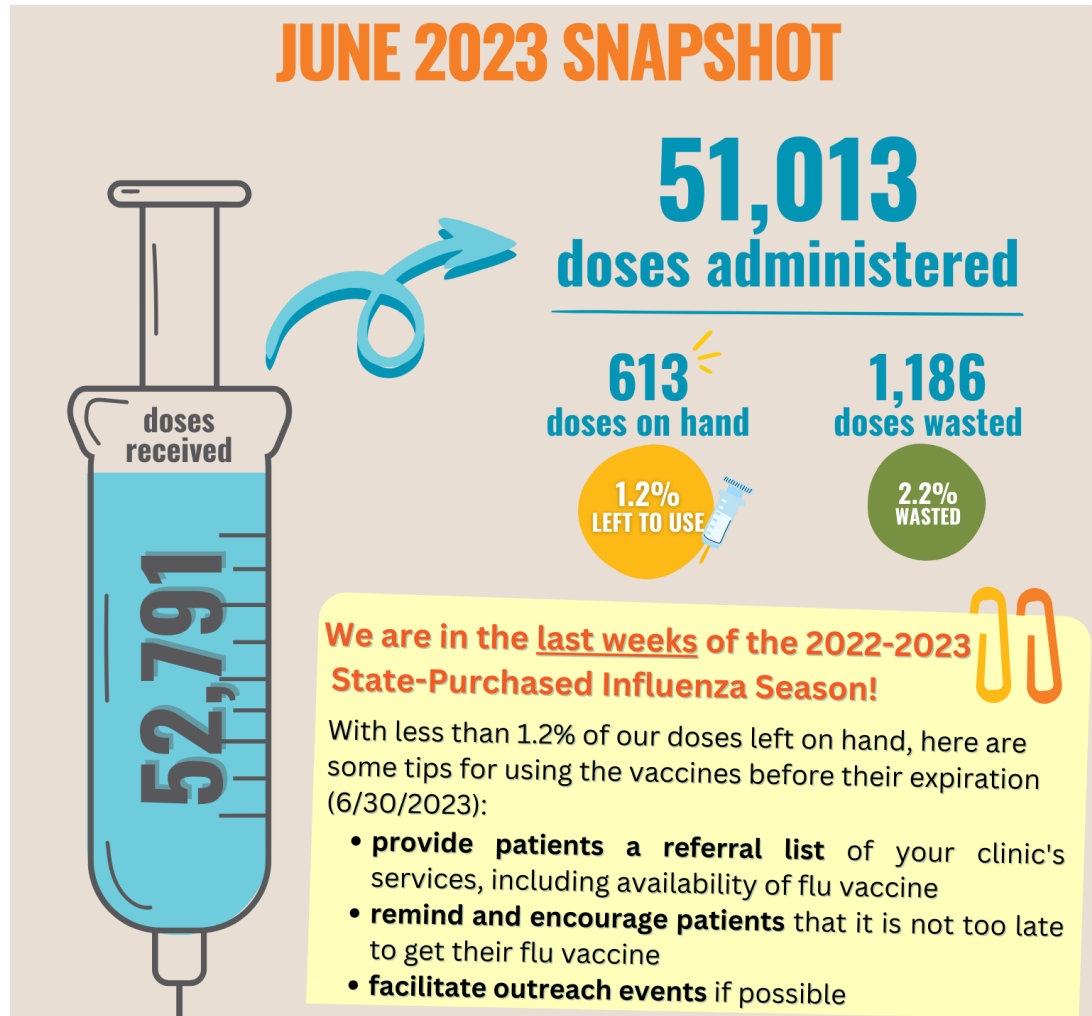
- 2022-2023 State Flu Summary
- 2023-2024 State Flu Season Update
- Recognition
- CAIR : Data Entry
  - CAIR Help Desk

Phone: 800-578-7889

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

Hours are 8:00 a.m. - 5:00 p.m. Monday -  
Friday,





- Vaccine Expires 6/30/2023
- Any unused vaccine must be returned to the program
- Strategize to use vaccine
- Reach out to redistribute
- Final Last Weekly Report July 3, 2023
- Return unused inventory by July 14, 2023



## UPCOMING

- ✓ Interest Forms
  - Emailed 6/1/2023 Return by 6/30/2023
- ✓ MyCAVax Enrollment
  - More information to come
    - Online ordering
    - Direct shipment
    - Online inventory management
    - Small batch ordering
- ✓ Annual State Flu In-Person Training Flyer
  - Dates
  - Location
  - Register Required Individuals
- Supplemental Enrollment Documents and Provider Agreement





# Certificate of Excellence

is hereby awarded to

## Champions for Health

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## EMSA Kearny Mesa San Diego

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Southwestern Community College Student Health Services

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!





# Certificate of Excellence

is hereby awarded to

## San Diego State University Student Health Services

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## **Borrego Health Centro El Cajon Family Medicine**

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Family Health Center San Diego City College

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Family Health Center San Diego City Heights

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Family Health Center San Diego Grossmont Spring-Valley

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Family Health Center San Diego Lemon Grove

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## **FHCSD Mobile Medical Unit, Kid Care Express**

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Family Health Center San Diego Sherman Heights

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!





# Certificate of Excellence

is hereby awarded to

## Neighborhood Healthcare East Valley (Previously Grand Ave)

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## San Ysidro Health Care View Health Center

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

**San Ysidro Health**

**Otay Family Health Clinic**

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Truecare Encinitas Health Center

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Truecare La Mision

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Truecare Oceanside Loma Alta Health Center

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Truecare San Marcos Pediatric

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!



# Certificate of Excellence

is hereby awarded to

## Truecare San Marcos Women's Health

for increasing State-Funded Influenza Vaccine usage during the  
2022-2023 seasonal influenza season.

Thank you for your contribution!





# Certificate of Recognition

is hereby awarded to

## **Borrego Health Borrego Medical Clinic**

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## Cal State San Marcos Student Health and Counseling Services

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## Chula Vista Fire Department

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## Family Health Center San Diego Rice

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

**Gary and Mary West Pace**

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## Indian Health Council

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

**JIREH**

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## Neighborhood Healthcare Downtown Escondido

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!





# Certificate of Recognition

is hereby awarded to

## **Point Loma Nazarene University Student Services University Wellness Center**

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## San Diego Black Nurses Association

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## San Ysidro Health 2Vida Mobile Unit

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

**San Ysidro Health Julian Family Medicine**

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



# Certificate of Recognition

is hereby awarded to

## Vista Community GV Clinic Mobile Unit

for outstanding performance as first-time partners of the State-Funded  
Influenza Vaccine Program during the 2022-2023 season.

Thank you for your contribution!



*Thank you*

Araceli Montera, MPH

[Araceli.Montera@sdcounty.ca.gov](mailto:Araceli.Montera@sdcounty.ca.gov)

State influenza Vaccine Admin Coordinator

P: 619-366-7128 | [HHSA.CountyFluVaccine@sdcounty.ca.gov](mailto:HHSA.CountyFluVaccine@sdcounty.ca.gov)

VACCINES for CHILDREN  
CALIFORNIA



# VFC and VFA Program Updates

California Department of Public Health

June 9<sup>th</sup> 2023

# VFC Shipping Schedule

**Currently no vaccine shipment delays as of 6/7/23**





# Shipping Delays can be found on EZIZ.org

**Home**  
Vaccine Programs  
Vaccine Management  
Storage Units  
Temperature Monitoring  
EZIZ Training  
Job Aids & Resources

**Contact VFC**  
Phone: 1-877-243-8832  
Business hours:  
Monday - Thursday: 9 am - 4:30 pm  
Friday: 9 am - 4 pm  
Fax: 1-877-329-9832

Find a VFC field representative in your area  
Find other VFC provider offices in your area  
Send us your comments at MyVFCVaccines@cdph.ca.gov

**Sign up to receive EZIZ news and VFC letters via email**

**Frequently Asked Questions**

**California VFC Program**  
About the VFC Program  
Requirements for Storage Units  
Digital Data Loggers  
EZIZ Training Login  
MyVFCVaccines: Order, Transfer, Return, Report Excursions  
Forms

**Alerts!**  
**Immunization Schedules Updated for 2023!**  
• CDC Child and Adolescent Schedule  
• Timing Schedule with Blocks  
• CDC Adult Schedule

**Immunization Registry Now Required!**  
AB 1797 requires California providers to enter immunizations they administer as well as a patient's race and ethnicity into a California immunization registry (CAIR or Healthy Futures/RIDE). Enroll in CAIR today! To learn more, see the AB 1797 FAQs.

**Hot Topics**  
• Drop in Immunizations During COVID-19  
• Immunizations During COVID-19 Resources  
• Mass Vaccination During COVID-19 Resource List  
• Vaccine Management During Public Safety Power Shutoffs  
• Immunization Quality Improvement for Providers (IQIP) Program  
• 2022 AIM's Immunization Champion

**VFC Memos** **Vaccine Order Status** From CDPH

**VFC Program Letters**  
• AB 1797 - New Requirement to Submit Immunization Data April 21  
• 2023 ACIP Child and Adolescent Immunization Schedule and other vaccines updates April 14  
• Vaxneuvance™ Now Available for Ordering! December 1  
◦ Vaxneuvance™ Vaccine Information Letter  
• VFC 2022-2023 Seasonal Influenza Vaccine Information September 8

**Popular Resources**  
▶ For Patients and Staff  
▶ Flu  
▶ Measles  
▶ Pertussis  
▶ Schedules & Recommendations  
▶ VFC Vaccine Fact Sheets  
▶ For Pharmacies

**VFC Memos** **Vaccine Order Status** From CDPH

**Order Processing Updates:**

There are currently no delays in the processing of federally-supplied vaccine requests. Received requests are promptly reviewed, approved and processed by the VFC Program's Customer Service Center. As of Thursday, March 16, 2023, McKesson has resumed regular shipping of all VFC vaccine orders.

Due to the COVID-19 pandemic, UPS has temporarily adjusted their signature guidelines for all shipments within the United States. Signatures may not be required, meaning vaccine orders may be left unattended at provider offices or delivered.

## Regular Vaccine Supply Information:

Through June 2023, CDC has instituted temporary ordering controls to mitigate a potential supply constraint for Td vaccine. Once our allocation is exceeded for the month, Td vaccine will be unavailable to order until our allocation is refreshed the following month. Please remember to order and administer **Tdap** instead of **Td** whenever possible.

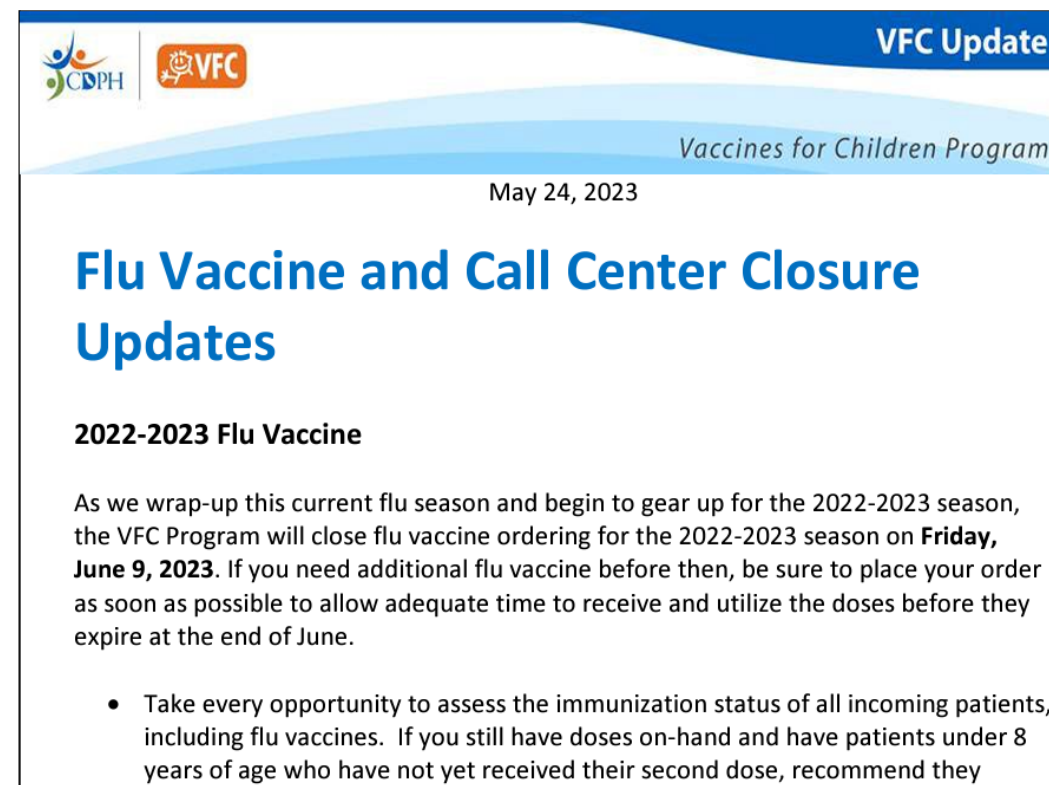
# Vaccine Supply

- Through June 2023, CDC has instituted temporary ordering controls to mitigate a potential supply constraint for Td vaccine. Once our allocation is exceeded for the month, Td vaccine will be unavailable to order until our allocation is refreshed the following month. Please remember to order and administer Tdap instead of Td whenever possible.

# VFC Program Update – ‘22 and ‘23 Flu

- As we wrap-up this current flu season and begin to gear up for the 2022-2023 season, the VFC Program will close flu vaccine ordering for the 2022-2023 season on **Friday, June 9, 2023**.
- If you need additional flu vaccine before then, be sure to place your order as soon as possible to allow adequate time to receive and utilize the doses before they expire at the end of June.

- [Letter sent on 5/24/2023](#)



The image shows a screenshot of an email update from the Vaccines for Children Program. The header includes the CDPH and VFC logos, the text 'VFC Update', and 'Vaccines for Children Program'. The date 'May 24, 2023' is centered below the header. The main title is 'Flu Vaccine and Call Center Closure Updates'. The sub-header is '2022-2023 Flu Vaccine'. The body text states: 'As we wrap-up this current flu season and begin to gear up for the 2022-2023 season, the VFC Program will close flu vaccine ordering for the 2022-2023 season on **Friday, June 9, 2023**. If you need additional flu vaccine before then, be sure to place your order as soon as possible to allow adequate time to receive and utilize the doses before they expire at the end of June.' A bullet point at the bottom reads: 'Take every opportunity to assess the immunization status of all incoming patients, including flu vaccines. If you still have doses on-hand and have patients under 8 years of age who have not yet received their second dose, recommend they'.

# VFC Program Update

- VFC Vaccine Tip Update – Update on Merck Vaccines, 5/17/2023



## Vaccine Tips

May 2023

### Did you know?

Merck recently updated vaccine administration routes for Varivax, ProQuad, and MMR-II.



Varivax, ProQuad, and MMR-II vaccines can now be given **intramuscularly (IM)** (in addition to subcutaneously (SC)) and **must be stored in the freezer**.

Our [Vaccine Fact Sheets](#) provide information about administration routes, proper storage requirements, and more all in one page for each vaccine offered through the VFC Program! Check them out below:

- [Varivax \(Varicella\)](#)
- [ProQuad \(MMRV\)](#)
- [MMR-II \(MMR\)](#)

We continuously update all Vaccine Fact Sheets, so check EZIZ for the most recent versions!

# Unannounced Storage and Handling Visits

- In July 2023, VFC Field Reps will resume Unannounced Storage and Handling Visits for VFC Providers
- These were on pause during the COVID-19 pandemic
- Allow Field Reps to spot check providers
- CDPH-issued memo about resuming these activities will be sent to VFC Providers this month

# VFC Eligibility

- Patients must be screened for eligibility at every immunization visit.
- VFC screening documentation must be saved for three years.
- Underinsured children must be immunized at a Federally Qualified Health Center (FQHC) or a Rural Health Center (RHC).
- Eligibility Screening Form:
- <https://eziz.org/assets/docs/IMM-1111.pdf>

The VFC Programs was created to meet the vaccination needs of children from birth through 18 years of age.

## WHO'S ELIGIBLE



Children eligible to receive VFC provided vaccines are:

MEDICAID (MEDI-CAL)  
CHILD HEALTH &  
DISABILITY PREVENTION  
(CHDP) PROGRAM  
NO HEALTH INSURANCE\*  
UNDER-INSURED\*\*  
AMERICAN INDIAN  
ALASKAN NATIVE

### State of California VFC Program

Phone: (877) 2GET-VFC

Fax: (877) FAXX-VFC

- \* Providers may charge cash patients who have no health insurance an administrative fee up to a maximum of \$26.03 per dose.
- \*\* Underinsured means your patient has health insurance, but it won't cover vaccine(s), only covers selected vaccines, or it has a fixed dollar limit for vaccines. These children are eligible for the non-covered vaccines or after the cap/dollar limit has been reached. Under-insured children are eligible to receive VFC-supplied vaccines only at Federally Qualified Health Center (FQHC) or Rural Health Center (RHC).

[www.eziz.org](http://www.eziz.org)



IMM-1088 (2/13)

# VFA Program

- No open enrollments this year, 2023
- VFA Compliance Visits:
  - Goal – Review immunization-related practices & assess a clinic's compliance with VFA program requirements
- VFA Ordering, closed until July 2023
  - Caps will be in place for July 2023 orders
- VFA Webinar, TBD
  - Possible Topics – vaccinating migrant and PEH populations

# VFA Program Continued

- VFA Doses in California Immunization Registry Reports – **NEW!**
- Reports are posted on your EZIZ.org account.
- Reports show documented doses in CAIR2 of VFA funded vaccines submitted for January – December 2022.

What does your CAIR data† look like from January through December 2022?

VFA Doses from January – December 2022

A	B	C	C/B
Doses Ordered	Reported Doses Administered	Doses in CAIR as "317"	% Doses Submitted to CAIR as "317"
0	0	0	N/A %

**†Data Limitations:**

"Doses Ordered" and "Reported Doses Administered" were obtained from your submitted 317 orders during the Q1 through Q4 2022 VFA order period. The doses in CAIR were administered January 1, 2022, through December 31, 2022. Only doses that were labeled as "317" were counted. Number of doses may vary as the databases are live data and can be updated after the data was extracted.



# VFA Eligibility

- Patients must be screened for eligibility at every immunization visit.
- VFA screening documentation must be saved for three years.
- Eligibility Screening Form:
- <https://eziz.org/assets/docs/317forLHD/IMM-1226.pdf>

- ✓ The patient named above is at least 19 years of age and **is eligible** to receive 317-funded vaccines if they:
  - Have no insurance **OR**
  - Are **under**insured: Public or private health insurance does not cover all vaccines or covers vaccines with a fixed dollar limit which has been reached.

For Medicare Patients:

- The patient has Medicare **Part B**, but **NOT Part D** – PATIENT **is eligible** for:*
    - Hep A
    - Hep B (if considered low risk for Hep B)
    - HPV
    - MMR, Varicella, and Zoster
    - Td (if no wound exposure) and Tdap. **OR**  - The patient has Medicare **Part D**, but **NOT Part B** – PATIENT **is eligible** for:*
    - Hep B
    - PCV20
- ✗ The patient named above **is NOT eligible** to receive 317-funded vaccines because they:
  - Have health insurance that pays for vaccines. Adults enrolled in Medi-Cal or Medi-Cal Managed Care are considered insured.
  - Have both Medicare Part B and Part D.

# Updated IMM

- [IMM-1054 preteen vax 10-22 FINAL \(eziz.org\)](#) - Vaccine for Your Preteen
- [IMM-1447 Protect Your Preteen 18x24 \(eziz.org\)](#) - Protect Your Preteen/Teen with Vaccines
- [IMM-1039 Ready For 7th Grade \(eziz.org\)](#) - Ready for 7th Grade?
- [IMM-1254 \(10-22\) \(eziz.org\)](#) - HPV Vaccine Schedule
- [IMM-1254 \(10-22\) \(eziz.org\)](#) - Vaccine Fact Sheet (DTaP-IPV/Hib). They are in the process of updating these documents with updated info and to meet ADA requirements.
- [IMM-916.pdf \(eziz.org\)](#) - Answers to Parents' Top Questions

# VIS Updates

- Hep B and PCV have been updated as of 5/12/2023.

## VACCINE INFORMATION STATEMENT

### Hepatitis B Vaccine: *What You Need to Know*

Many vaccine information statements are available in Spanish and other languages. See [www.immunize.org/vis](http://www.immunize.org/vis)

Hojas de información sobre vacunas están disponibles en español y en muchos otros idiomas. Visite [www.immunize.org/vis](http://www.immunize.org/vis)

#### 1. Why get vaccinated?

Hepatitis B vaccine can prevent hepatitis B. Hepatitis B is a liver disease that can cause mild illness lasting a few weeks, or it can lead to a serious, lifelong illness.

- **Acute hepatitis B** is a short-term illness that can lead to fever, fatigue, loss of appetite, nausea, vomiting, jaundice (yellow skin or eyes, dark urine, clay-colored bowel movements), and pain in the muscles, joints, and stomach.
- **Chronic hepatitis B** is a long-term illness that occurs when the hepatitis B virus remains in a person's body. Most people who go on to develop chronic hepatitis B do not have symptoms, but it is still very serious and can lead to liver damage (cirrhosis), liver cancer, and death. Chronically infected people can spread hepatitis B virus to others, even if they do not feel or look sick themselves.

Hepatitis B is spread when blood, semen, or other body fluid infected with the hepatitis B virus enters the body of a person who is not infected. People can become infected through:

- Birth (if a pregnant person has hepatitis B, their baby can become infected)

#### 2. Hepatitis B vaccine

Hepatitis B vaccine is usually given as 2, 3, or 4 shots.

**Infants** should get their first dose of hepatitis B vaccine at birth and will usually complete the series at 6–18 months of age. **The birth dose of hepatitis B vaccine is an important part of preventing long-term illness in infants and the spread of hepatitis B in the United States.**

Anyone **59 years of age or younger** who has not yet gotten the vaccine should be vaccinated.

Hepatitis B vaccination is recommended for **adults 60 years or older** at increased risk of exposure to hepatitis B who were not vaccinated previously. **Adults 60 years or older** who are not at increased risk and were not vaccinated in the past may also be vaccinated.

Hepatitis B vaccine may be given as a stand-alone vaccine, or as part of a combination vaccine (a type of vaccine that combines more than one vaccine together into one shot).

Hepatitis B vaccine may be given at the same time as other vaccines.

## VACCINE INFORMATION STATEMENT

### Pneumococcal Conjugate Vaccine: *What You Need to Know*

Many vaccine information statements are available in Spanish and other languages. See [www.immunize.org/vis](http://www.immunize.org/vis)

Hojas de información sobre vacunas están disponibles en español y en muchos otros idiomas. Visite [www.immunize.org/vis](http://www.immunize.org/vis)

#### 1. Why get vaccinated?

**Pneumococcal conjugate vaccine** can prevent pneumococcal disease.

**Pneumococcal disease** refers to any illness caused by pneumococcal bacteria. These bacteria can cause many types of illnesses, including pneumonia, which is an infection of the lungs. Pneumococcal bacteria are one of the most common causes of pneumonia.

Besides pneumonia, pneumococcal bacteria can also cause:

- Ear infections
- Sinus infections
- Meningitis (infection of the tissue covering the brain and spinal cord)
- Bacteremia (infection of the blood)

Anyone can get pneumococcal disease, but children under 2 years old, people with certain medical conditions or other risk factors, and adults 65 years or older are at the highest risk.

Most pneumococcal infections are mild. However, some can result in long-term problems, such as brain damage or hearing loss. Meningitis, bacteremia, and

#### 2. Pneumococcal conjugate vaccine

Pneumococcal conjugate vaccine helps protect against bacteria that cause pneumococcal disease. There are three pneumococcal conjugate vaccines (PCV13, PCV15, and PCV20). The different vaccines are recommended for different people based on age and medical status. Your health care provider can help you determine which type of pneumococcal conjugate vaccine, and how many doses, you should receive.

**Infants and young children** usually need 4 doses of pneumococcal conjugate vaccine. These doses are recommended at 2, 4, 6, and 12–15 months of age.

**Older children and adolescents** might need pneumococcal conjugate vaccine depending on their age and medical conditions or other risk factors if they did not receive the recommended doses as infants or young children.

**Adults 19 through 64 years old** with certain medical conditions or other risk factors who have not already received pneumococcal conjugate vaccine should receive pneumococcal conjugate vaccine.

# Closures – June and July 2023

- CDPH IZB will be closed 6/19/2023 in observance of Juneteenth as well as 7/4/2023 in observance of 4<sup>th</sup> of July
- The VFC Program will accept orders online during this time, but our Field Reps and Call Center will be off these days

# SoCal Region Staff Contacts

- **Mary Rebbert, SR Field Representative**  
[Mary.Rebbert@cdph.ca.gov](mailto:Mary.Rebbert@cdph.ca.gov)  
619-838-6360
- **Melissa Thun, JR Field Representative**  
[Melissa.Thun@cdph.ca.gov](mailto:Melissa.Thun@cdph.ca.gov)  
213-407-2878
- **Manny Mones, Field Representative**  
San Diego County & Imperial County  
[Manny.Mones@cdph.ca.gov](mailto:Manny.Mones@cdph.ca.gov)  
619-609-6206
- **Carol Connell, Field Representative**  
San Bernardino County  
[Carol.Connell@cdph.ca.gov](mailto:Carol.Connell@cdph.ca.gov)  
619-772-1935
- **Michelle Miranda, Field Representative**  
SoCal Region Float  
[Michelle.Miranda@cdph.ca.gov](mailto:Michelle.Miranda@cdph.ca.gov)  
619-577-2247

## Local CAIR Reps:

- **Ashley Diaz – Imperial, Riverside & San Bernardino Counties**  
[Ashley.Diaz@cdph.ca.gov](mailto:Ashley.Diaz@cdph.ca.gov)
- **Angelina Carrillo – Orange County**  
[Angelina.carrillo@cdph.ca.gov](mailto:Angelina.carrillo@cdph.ca.gov)
- **Marisol Delgado – CAIR Trainer**  
[marisol.delgado@cdph.ca.gov](mailto:marisol.delgado@cdph.ca.gov)



# CAIR2 Updates: SDIC Meeting

Date: 6/9/23

**Angelina Carrillo, MPH**

Local CAIR Representative

CA Department of Public Health

Division of Communicable Diseases

Immunization Branch



# Agenda

- CAIR2 Home Page
- CAIR2 Is Now Statewide
- AB1797 Information
- CAIR2 Enrollment
- Account Update
- COVID-19 & Flu IZ Providers
- School and Child Care Roster Lookup (SCRL)
- Medical Exemptions
- Resources
- IZ Record Requests
- New Yellow Card
- Refresher Training Video
- CAIR2 Training Registration

# CAIR Home Page ([CDPH.ca.gov/cair](http://CDPH.ca.gov/cair))



[en Español](#) [Contact Us](#) [About](#) [News & Media](#) [Jobs/Careers](#)

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A-Z Index ▼

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## CALIFORNIA IMMUNIZATION REGISTRY

- CAIR ▶
- Join CAIR ▶
- CAIR Users ▶
- Data Exchange ▶
- Training & Resources ▶
- Finding Records ▶

### Hours:

9am–4pm Monday to Thursday

10am–4pm Friday

[CAIRHelpdesk@cdph.ca.gov](mailto:CAIRHelpdesk@cdph.ca.gov)

Phone: 800-578-7889

Fax: 888-436-8320

## CAIR Updates



The California Immunization Registry (CAIR2) is a secure, confidential, statewide computerized immunization information system for California residents.

**Welcome to the new CAIR informational website!**

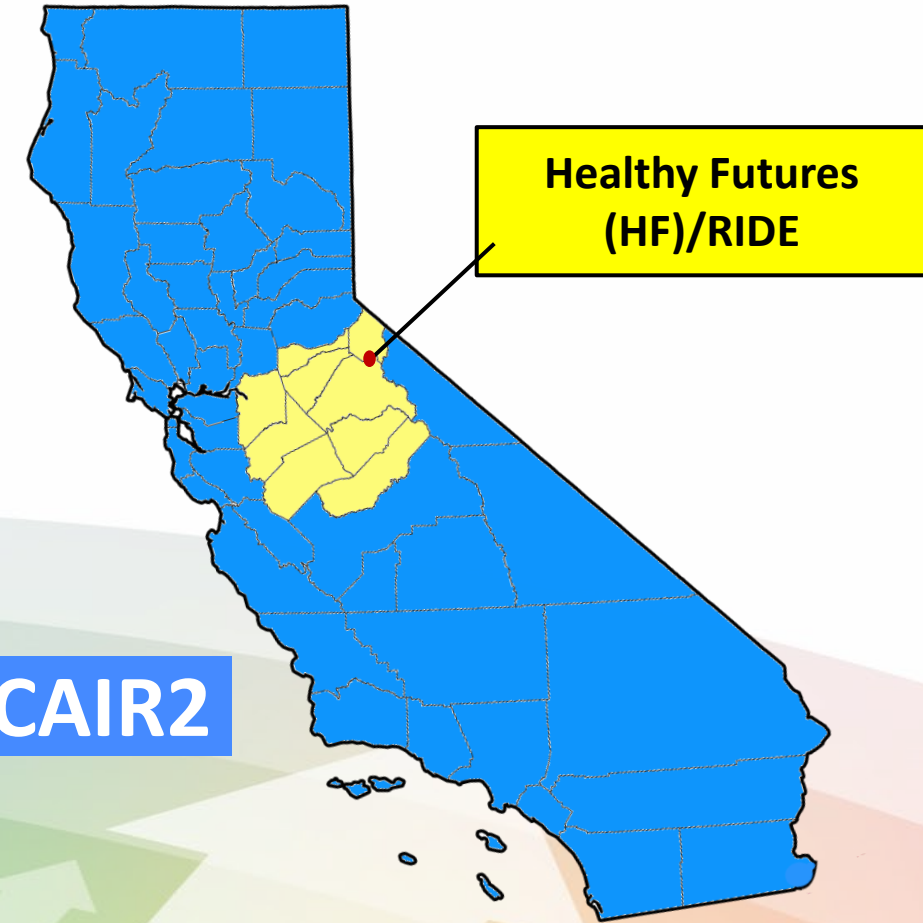




# CAIR2 is Now Statewide!

## All Healthy Futures (HF)/RIDE patients are now in CAIR2!

- All existing HF/RIDE patients are in CAIR2
- Updates to patient records and new records entered into HF/RIDE go into CAIR2 every 20 minutes
- HF/RIDE still maintains its own IZ Registry and HF/RIDE users only use the HF/RIDE Registry, they do not use CAIR2
- Coming soon: HF/RIDE users will have access to CAIR2 patient records within the HF/RIDE Registry and be able to add new CAIR2 patients to the HF/RIDE Registry

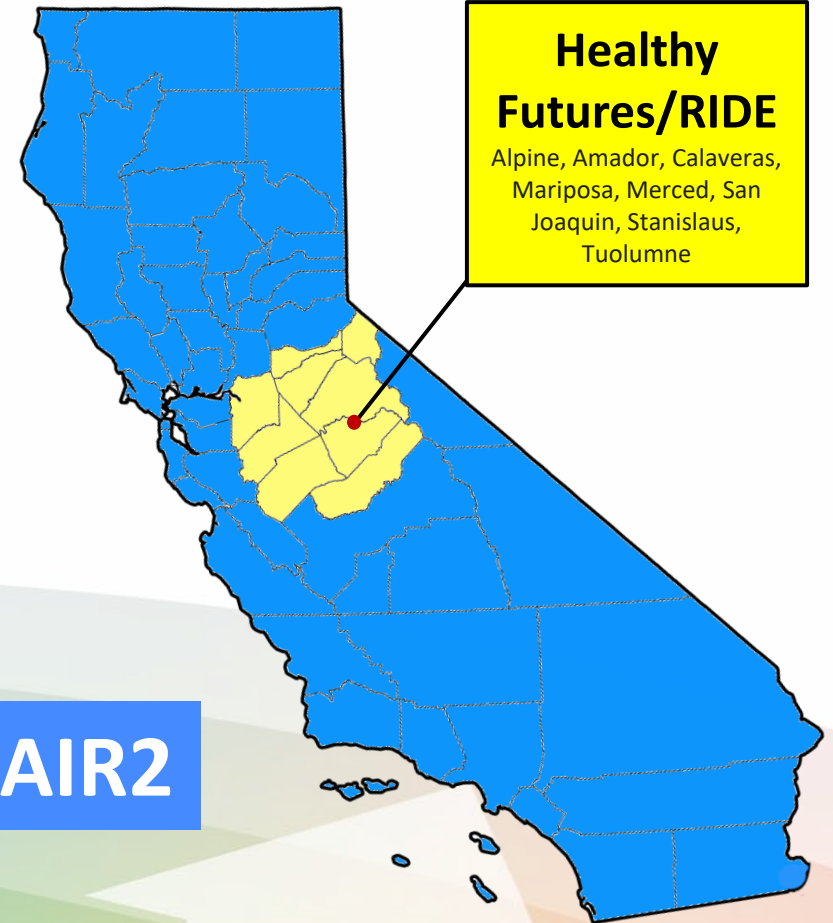


# AB1797: Effective January 1, 2023

All California healthcare providers who administer vaccines are required to:

**Enter/submit patient vaccination information to a CA Immunization Registry: CAIR2 or Healthy Futures (HF)/RIDE**

- CAIR2 users submit to CAIR2; HF/RIDE users submit to HF/RIDE
- Includes all vaccinations given for all ages
- TB test results must be reported



# AB1797 (con't)

Healthcare providers must enter/submit the Race and Ethnicity for each patient receiving vaccinations to CAIR2 or Healthy Futures/RIDE. This is to support the assessment of health disparities in immunization coverage.

- If a patient prefers not to share this information, the provider is able to select/submit a “Prefer not to say” option in the IZ Registry.
- From 1/1/2023 to 1/1/2026, the law also allows Schools and licensed Childcare facilities to look-up students’ COVID-19 vaccination status in the IZ Registry for attendance purposes.

**For more information go to our AB1797 FAQs:**  
[bit.ly/AB1797FAQ](https://bit.ly/AB1797FAQ)

# CAIR Enrollment

## ➤ Not enrolled?

Enroll here

## ➤ Already enrolled?

**Supervisors only:** Update your site/user information – e.g. add users, shot givers

## ➤ Not sure of your enrollment status or if your site is enrolled in CAIR2?

- Contact your LCR



en Español

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A-Z Index

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## CALIFORNIA IMMUNIZATION REGISTRY

CAIR

Join CAIR

CAIR Users

Data Exchange

Training & Resources

Finding Records

Hours:

9am–4pm Monday to Thursday

10am–4pm Friday

CAIRHelpdesk@cdph.ca.gov

Phone: 800-578-7889

Fax: 888-436-8320

## CAIR Updates

CAIR Sign In

Account Update

CAIR User FAQs

Local CAIR Representatives (LCR)

CAIR Help Desk

Coverage Levels (COCAS)

CAIR2 User Group



The California Immunization Registry (CAIR2) is a secure, confidential, statewide computerized immunization information system for California residents.

Welcome to the new CAIR informational website!

CAIR Home page: [cdph.ca.gov/cair](https://cdph.ca.gov/cair)

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



# CAIR2 Enrollment Options

	Data Exchange (EHR/EMR)	Manual Entry	View-only Access
Where to Enroll:	CAIR2 IZ Portal	CAIR2 New Enrollment Page	CAIR2 New Enrollment Page
If your Organization:	Gives vaccines and plans to send data to CAIR2 electronically <a href="#">DX Enrollment Guide (PDF)</a>	Gives vaccines and will enter patient data into CAIR2 manually	Only needs to look-up patients to confirm immunization status (schools, child care facilities, etc.)

# Manual Entry


<http://enroll.cairweb.org/>

Gives vaccines and will enter all patient & vaccine data into CAIR2 manually.

Site either does NOT have an EHR/EMR system

OR

Has EMR, but does not wish to link with CAIR



**CAIR** California Immunization Registry  
Connected & Protected

## Welcome to the CAIR New Organization/Site Enrollment Website!

Before submitting an Enrollment, please review our [FAQs](#) and [Enrollment Guide](#)

This website is for [organizations](#) that would like to begin using CAIR or organizations already using CAIR that would like to enroll an additional [site](#).

**If your Organization is already using CAIR, DO NOT USE THIS WEBSITE:**

- If you need to add/change user accounts/shotgivers or make other changes to your CAIR account, go to the CAIR Account Update website at <http://accountupdate.cairweb.org/>
- If you forgot your CAIR Password, try the Forgot Password button on the CAIR Login screen. If that doesn't work, call the CAIR Help Desk at 800-578-7889.

Note: Organizations in Alpine, Amador, Calaveras, Imperial, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne counties should not enroll in CAIR. Click [here](#) for contacts in those counties.

**If your site is NOT currently using CAIR [click here](#)**

# Data Exchange

<https://igs.cdph.ca.gov/>

Data Exchange (DX) allows your EHR/EMR to send data to CAIR2 electronically.

Site must have an EHR/EMR capable of sending HL7 formatted data.



## CAIR2 IZ Portal Registration/Login Page

The CDPH Gateway/CAIR2 IZ Portal manages electronic data exchange for all Sites in the legacy CDPH [CAIR regions](#) (Including the old NorCal, Greater Sacramento, Bay Area, Central Coast, Central Valley, LA-Orange, San Diego, and Inland Empire regions).

To register, allow yourself at least 15-20 minutes. During registration, you will be asked to:

- A. Enter your Site information, including if a 'clinical' site, the name of your Lead Clinician and the Lead Clinician's CA Medical License Number.
- B. Enter your Site's EHR Information (e.g. EHR software version, EHR HL7 messaging capability, and your EHR support staff contact info).
- C. Choose your data exchange Site type (**consult with your EHR vendor**):
  - Option #1: Direct submission (EHR --> Portal)
  - Option #2: Indirect submission via data aggregator (EHR --> [HIE/HIO, vendor data warehouse, health plan data warehouse, etc.] --> Portal).
  - Option #3: Site is data aggregator (e.g. HIE/HIO, vendor data warehouse, health plan data warehouse, etc.) and will submit data on behalf of other Sites.

After registration, you will receive follow-up emails with further instructions.

**Note: These emails may be mistakenly sorted to your email account SPAM folder so please look for them there.**

Before registering, please review the [Data Exchange FAQs](#)

To begin the registration process, click the 'Register' button below

Register

**Note:** Providers in the following counties: **Alpine, Amador, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne** cannot use the CDPH Gateway/CAIR2 IZ Portal to sign up for immunization data exchange with CAIR. If you are a provider in one of the above counties, click [here](#) for more information.

**Already registered? Login to update your Site information**

Site CAIR ID :

Site Zip Code :

Login



# Account Update (AU)

AU should only be accessed by either the **Primary CAIR Contact** or **Supervisor** at the site.

What is AU used for?

- Update organization info
- Add/ Transfer users
- Inactivate/ activate users
- Add/ Update Shot-givers
- & more!

## CALIFORNIA IMMUNIZATION REGISTRY

CAIR

Join CAIR

**CAIR Users**

Data Exchange

Training & Resources

Finding Records

**Hours:**  
9am-4pm Monday to Thursday  
10am-4pm Friday

**Welcome to the CAIR Information**

- CAIR Sign In
- Account Update**
- CAIR User FAQs
- Local CAIR Representatives (LCR)
- CAIR Help Desk
- Coverage Levels (COCASA)
- CAIR2 User Group



# COVID-19 & Flu IZ Providers

- If a site is documenting only COVID-19 or or COVID-19 and Flu vaccinations in CAIR they will use **My Turn** or submit to CAIR via **Data Exchange**
- **Using My Turn for Flu-only providers**
  - New Providers joining CAIR (or existing ones) that give Flu-only can now use My Turn for Flu-only activities. The site does *not* need to be a Covid provider to use My Turn for Flu.
- **My Turn** automatically uploads COVID-19 and Flu IZ doses in CAIR

## Website:

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

## Flu-Only Info:

<https://eziz.org/covid/myturn/flu/>

## Provider Onboarding Email:

[myturnonboarding@cdph.ca.gov](mailto:myturnonboarding@cdph.ca.gov)

## HelpDesk Email:

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

# School and Child Care Roster Lookup (SCRL)

## What is SCRL?

- A tool determining if ALL immunization requirements are met by students to enter school or child care.

## SCRL Features:

- Allows schools to create or upload student rosters
- Determines if students are up-to-date/ overdue
- Ability to create lists for tracking of student immunization status

**Note: School clinics that administer shots to students use CAIR2, not SCRL.**

For assistance contact CAIRHub Help Desk at [CAIRHub@cdph.ca.gov](mailto:CAIRHub@cdph.ca.gov) or call (800) 578-7889.



# Medical Exemptions (ME)

- Through **CAIR-ME**, providers can issue and manage standardized medical exemptions for children in school or childcare.
- **MEs are not entered or tracked in CAIR2.**
- Sites do **not** need CAIR2 accounts to enter MEs.
- CAIR-ME Contact:  
[medicalexemptions@cdph.ca.gov](mailto:medicalexemptions@cdph.ca.gov)

Please visit the CAIR-ME website for more information:

The screenshot shows the CAIR website interface. At the top, there is a navigation bar with the 'PublicHealth' logo and several dropdown menus. Below the navigation bar, there is a blue header for 'CALIFORNIA IMMUNIZATION REGISTRY'. On the left side, there is a vertical menu with items: CAIR, Join CAIR, CAIR Users, Data Exchange, Training & Resources, and Finding Records. The 'Finding Records' item is circled in red. On the right side, there is a section titled 'How CAIR Helps Schools and Child Care Facilities' with a list of bullet points. Below this section, there is a section titled 'School/Childcare Medical Exemption Page' which is also circled in red. The text in this section states: 'Starting January 1st 2021, parents wishing to obtain medical exemptions from school/childcare vaccination requirements for their children will need to request those exemptions at the link below.' At the bottom of the page, there is a link for 'CAIR2 Medical Exemptions Page'.



# Resources



[en Español](#)

[Contact Us](#)

[About](#)

[News & Media](#)

[Jobs/Careers](#)

Select Language ▼

+ Text Resize -



[I am looking for](#)

[I am a](#)

[Programs](#)

[A-Z Index](#)

[Home](#) | [Programs](#) | [Center for Infectious Diseases](#) | [Division of Communicable Disease Control](#) | [CAIR](#) | [California Immunization Registry](#)

## CALIFORNIA IMMUNIZATION REGISTRY

### [CDPH.ca.gov/cair](https://cdph.ca.gov/cair)

- Training
- Videos/Guides
- LCR contact info
- Help Desk

[CAIR](#) ▶

[Join CAIR](#) ▶

[CAIR Users](#) ▶

[Data Exchange](#) ▶

[Training & Resources](#) ▶

[Finding Records](#) ▶

#### Hours:

**9am–4pm Monday to Thursday**

**10am–4pm Friday**

[CAIRHelpdesk@cdph.ca.gov](mailto:CAIRHelpdesk@cdph.ca.gov)

Phone: 800-578-7889

Fax: 888-436-8320

### CAIR Updates



The California Immunization Registry (CAIR2) is a secure, confidential, statewide computerized immunization information system for California residents.

**Welcome to the new CAIR informational website!**



# Resources Cont.

## [CDPH.ca.gov/cair](https://www.cdph.ca.gov/cair)

- Enrollment Info
- Info for CAIR Users
- Info by Audience
- COVID-19 Info
- CAIR2 Data Exchange Info

### Enroll in CAIR2

- [Submit information electronically from your EHR](#)
- [Enter information manually using the CAIR2 Application](#)

### CAIR2 Users

- [CAIR Login](#)
- [Remove 'Inactive' Patients From Your CAIR2 Reports: Manage Patient Status](#)
- [CAIR2 Account Update \(Supervisors Only\) Manage your existing CAIR2 Organization Account](#)

### Audiences

- [Parents and General Public](#)
- [Schools and Child Care](#)
- [WIC](#)
- [Pharmacies](#)
- [Local Health Departments](#)
- [Health Plans](#)
- [Community Health Centers](#)

### COVID-19 Vaccination Resources

- [COVID-19 Vaccine Reporting](#)
- [Snowflake \(for counties/health plans\)](#)
- [Patient Status \(for providers\)](#)
- [Need A Unique IIS ID \(CAIR2 Org Code\) for the COVID-19 Vaccination Program? Enroll in CAIR2 Now](#)

### CAIR2 Data Exchange Submitters

- [How to Maintain High Data Quality \(PDF\)](#)
- [View CAIR2 Patient Data In Your EHR – Sign Up Now for BiDX](#)
- [Data Exchange \(DX\) FAQs](#)

### Related Resources

- [Healthy Futures \(San Joaquin Regional Registry\)](#)
- [California Immunization Registry Medical Exemptions \(CAIR-ME\)](#)

# Immunization Record Requests

➤ The public may request their COVID immunization record or full CAIR Immunization Record from our home page, [caph.ca.gov/cair](https://caph.ca.gov/cair):

- Click Finding Records or
- Hover over Finding Records and select Record Request Forms

➤ You can also request your records via this direct link: Digital Vaccine Record (DVR) portal:

<https://myvaccinerecord.cdph.ca.gov/>



I am looking for

I am a

Programs

A-Z Index

Home | Programs | Center for Infectious Diseases | Division of Communicable Disease Control | CAIR | California Immunization Registry

## CALIFORNIA IMMUNIZATION REGISTRY

- CAIR
- Join CAIR
- CAIR Users
- Data Exchange
- Training & Resources
- Finding Records

### CAIR Updates

Record Request Forms

Parent FAQs (English)

- Parent FAQs (Spanish)

Health Plans

- Health Plan Usage Reports

Community Health Centers

Schools

WIC

Local Health Departments (Snowflake)

COVID-19 Vaccination Status

Hours:  
9am-4pm Monday to Thursday  
10am-4pm Friday

[CAIRHelpdesk@cdph.ca.gov](mailto:CAIRHelpdesk@cdph.ca.gov)

Phone: 800-578-7889

Fax: 888-436-8320

rams/CID/DCDC/CAIR/Pages/CAIR-Records.aspx

y (CAIR2) is a secure, confidential, statewide computerized  
r California residents.

**CAIR informational website!**

Please bookmark this page or use the shortcut: [CDPH.ca.gov/CAIR](https://caph.ca.gov/CAIR). The old website address ([cairweb.org](https://caph.ca.gov/cairweb.org)) will be



# Digital Vaccine Record (DVR) Portal

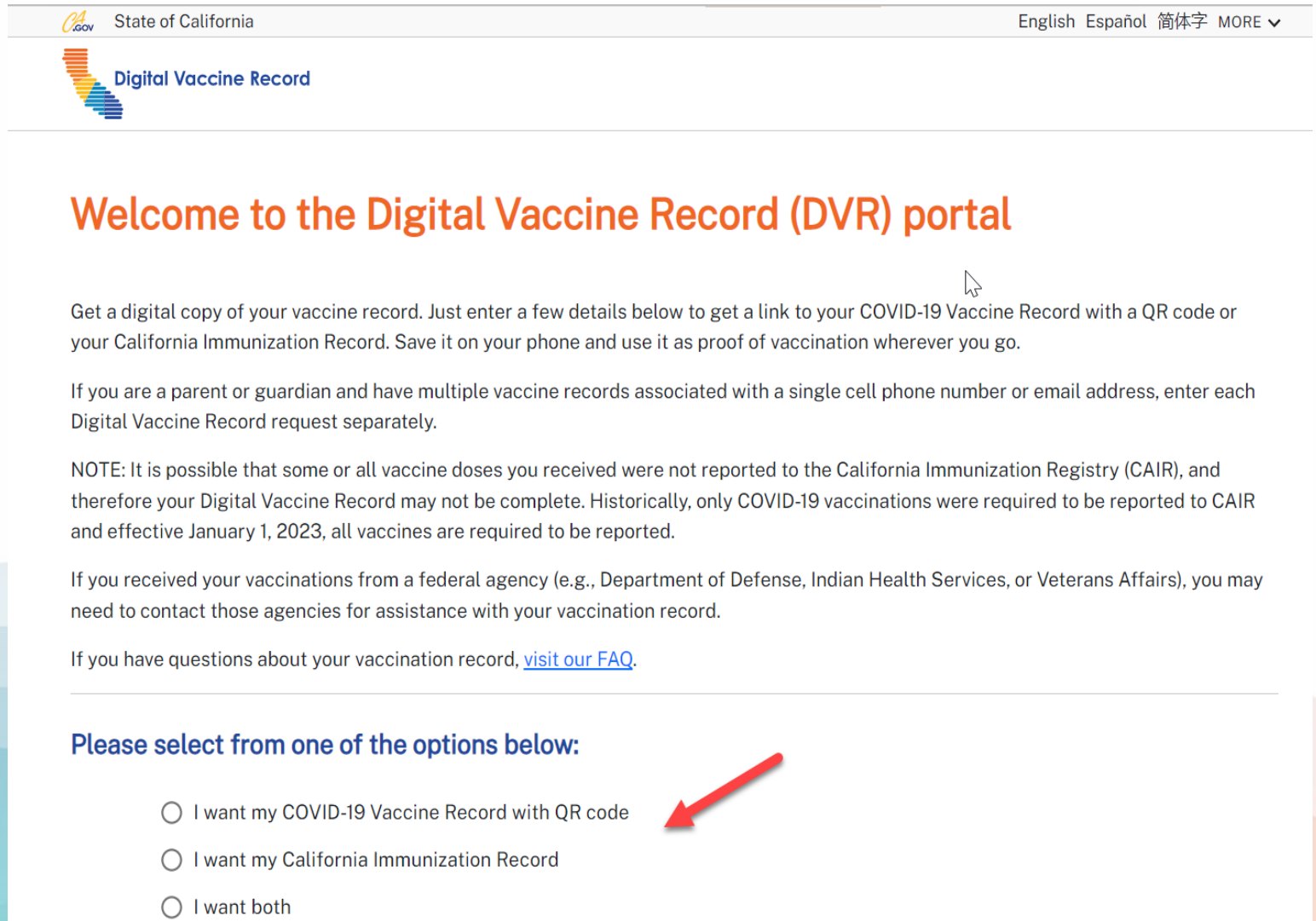
<https://MyVaccineRecord.cdph.ca.gov>

## Before 01/24/2023

Residents could only get their COVID-19 Vaccine Records

## Now!

Residents can get **both** their COVID-19 Vaccine Record and their California Immunization Record



The screenshot shows the top navigation bar of the State of California website with the 'CA.gov' logo and the text 'State of California'. On the right side of the bar are language options: 'English', 'Español', '简体字', and 'MORE' with a dropdown arrow. Below the navigation bar is the 'Digital Vaccine Record' logo, which consists of a stylized 'D' made of horizontal bars in shades of blue and orange, followed by the text 'Digital Vaccine Record'. The main content area has a white background with a light blue border. At the top of this area is the heading 'Welcome to the Digital Vaccine Record (DVR) portal' in orange. Below the heading is a paragraph: 'Get a digital copy of your vaccine record. Just enter a few details below to get a link to your COVID-19 Vaccine Record with a QR code or your California Immunization Record. Save it on your phone and use it as proof of vaccination wherever you go.' This is followed by another paragraph: 'If you are a parent or guardian and have multiple vaccine records associated with a single cell phone number or email address, enter each Digital Vaccine Record request separately.' Then a 'NOTE' paragraph: 'NOTE: It is possible that some or all vaccine doses you received were not reported to the California Immunization Registry (CAIR), and therefore your Digital Vaccine Record may not be complete. Historically, only COVID-19 vaccinations were required to be reported to CAIR and effective January 1, 2023, all vaccines are required to be reported.' Next is a paragraph: 'If you received your vaccinations from a federal agency (e.g., Department of Defense, Indian Health Services, or Veterans Affairs), you may need to contact those agencies for assistance with your vaccination record.' This is followed by a paragraph: 'If you have questions about your vaccination record, [visit our FAQ](#).' Below this is a section titled 'Please select from one of the options below:' in blue. Underneath are three radio button options: 'I want my COVID-19 Vaccine Record with QR code', 'I want my California Immunization Record', and 'I want both'. A red arrow points to the first option.

CA.gov State of California English Español 简体字 MORE ▾

Digital Vaccine Record

## Welcome to the Digital Vaccine Record (DVR) portal

Get a digital copy of your vaccine record. Just enter a few details below to get a link to your COVID-19 Vaccine Record with a QR code or your California Immunization Record. Save it on your phone and use it as proof of vaccination wherever you go.

If you are a parent or guardian and have multiple vaccine records associated with a single cell phone number or email address, enter each Digital Vaccine Record request separately.

NOTE: It is possible that some or all vaccine doses you received were not reported to the California Immunization Registry (CAIR), and therefore your Digital Vaccine Record may not be complete. Historically, only COVID-19 vaccinations were required to be reported to CAIR and effective January 1, 2023, all vaccines are required to be reported.

If you received your vaccinations from a federal agency (e.g., Department of Defense, Indian Health Services, or Veterans Affairs), you may need to contact those agencies for assistance with your vaccination record.

If you have questions about your vaccination record, [visit our FAQ](#).

**Please select from one of the options below:**

- I want my COVID-19 Vaccine Record with QR code
- I want my California Immunization Record
- I want both

The Digital Vaccine Record (DVR) portal provides residents with their complete immunization record.

## California Immunization Record

Name: Patient Zero

Date of Birth: 09/26/2020

Date Issued: 01/19/2023

### Coronavirus (COVID-19)

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
Pfizer mRNA LNP-S PF 6M<5Y	1 of 3	06/30/2022	1y 9m 4d	Fairway Children's Medical Group
Pfizer mRNA LNP-S PF 6M<5Y	2 of 3	07/23/2022	1y 9m 27d	Fairway Children's Medical Group

### Diphtheria, Tetanus, Acellular Pertussis (DTP/aP)

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
DTaP-HepB-IPV	1 of 5	11/30/2020	0y 2m 4d	YORBA LINDA OFFICE
DTaP-HepB-IPV	2 of 5	01/27/2021	0y 4m 1d	YORBA LINDA OFFICE
DTaP-HepB-IPV	3 of 5	04/09/2021	0y 6m 14d	YORBA LINDA OFFICE
DTaP	4 of 5	07/06/2022	1y 9m 10d	YORBA LINDA OFFICE

### Hepatitis A (HepA)

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
HepA-Ped 2 Dose	1 of 2	09/28/2021	1y 0m 2d	YORBA LINDA OFFICE
HepA-Ped 2 Dose	2 of 2	07/06/2022	1y 9m 10d	YORBA LINDA OFFICE

### Hepatitis B (HepB)

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
HepB-Peds	1 of 4	09/27/2020	0y 0m 1d	YORBA LINDA OFFICE
DTaP-HepB-IPV	2 of 4	11/30/2020	0y 2m 4d	YORBA LINDA OFFICE
DTaP-HepB-IPV	3 of 4	01/27/2021	0y 4m 1d	YORBA LINDA OFFICE
DTaP-HepB-IPV	4 of 4	04/09/2021	0y 6m 14d	YORBA LINDA OFFICE

Vaccine group, Vaccine, Series, Date Given, Age Given, and Clinic that Administered or transcribed are pulled directly from the California Immunization Registry.

Vaccine groups appear in alphabetical order by full vaccine group name. The Influenza Seasonal vaccine group will always display as the last group on a resident's DVR.



The (DVR) portal now provides vaccine group recommendations.

## California Immunization Record

Name: Patient Zero

Date of Birth: 09/26/2020

Date Issued: 01/19/2023

### Coronavirus (COVID-19)

Overdue 09/17/2022 •

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
Pfizer mRNA LNP-S PF 6M<5Y	1 of 3	06/30/2022	1y 9m 4d	Fairway Children's Medical Group
Pfizer mRNA LNP-S PF 6M<5Y	2 of 3	07/23/2022	1y 9m 27d	Fairway Children's Medical Group

### Diphtheria, Tetanus, Acellular Pertussis (DTP/aP)

Next Dose Due 09/26/2024 •

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
DTaP-HepB-IPV	1 of 5	11/30/2020	0y 2m 4d	YORBA LINDA OFFICE
DTaP-HepB-IPV	2 of 5	01/27/2021	0y 4m 1d	YORBA LINDA OFFICE
DTaP-HepB-IPV	3 of 5	04/09/2021	0y 6m 14d	YORBA LINDA OFFICE
DTaP	4 of 5	07/06/2022	1y 9m 10d	YORBA LINDA OFFICE

### Hepatitis A (HepA)

Complete •

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
HepA-Ped 2 Dose	1 of 2	09/28/2021	1y 0m 2d	YORBA LINDA OFFICE
HepA-Ped 2 Dose	2 of 2	07/06/2022	1y 9m 10d	YORBA LINDA OFFICE

### Hepatitis B (HepB)

Complete •

Vaccine	Series	Date Given	Age Given	Clinic that Administered or Transcribed
HepB-Peds	1 of 4	09/27/2020	0y 0m 1d	YORBA LINDA OFFICE
DTaP-HepB-IPV	2 of 4	11/30/2020	0y 2m 4d	YORBA LINDA OFFICE
DTaP-HepB-IPV	3 of 4	01/27/2021	0y 4m 1d	YORBA LINDA OFFICE
DTaP-HepB-IPV	4 of 4	04/09/2021	0y 6m 14d	YORBA LINDA OFFICE

The DVR evaluates the resident's immunization history and provides recommendations if a vaccine group is complete, has a dose due soon, or has a dose that is overdue.

# New Yellow Card

- Software bug impacting Yellow Card had been fixed
- All immunizations listed in CAIR record will now show on Yellow Card
- **Blank spaces** have been added for providers to write-in or hand stamp shots given that day

Name (nombre): **ALYSON JONES**  
 Birth (fecha de nacimiento): **08/16/2010**  
 Gender (género): **Female**  
 Vaccine Reactions (reacciones a la vacuna):

Age (edad): **11 years, 8 months, 5 days**  
 Clinic (clínica): **CAIR Clinic 2**  
 Allergies (alergias):

## IMMUNIZATION RECORD *Comprobante de Inmunización*

Date Printed (fecha impresa): **04/21/2022**

GROUP grupo	SERIES serie	DATE GIVEN fecha de vacunación	AGE GIVEN edad de vacunación	VACCINE vacuna	CLINIC THAT ADMINISTERED OR TRANSCRIBED <i>clínica que la administró o transcribió</i>	NEXT DOSE DUE <i>fecha para la próxima vacuna</i>
DTaP	1 of 4	05/05/2013	2y 8m 19d	DTaP-HepB-IPV	CAIR Clinic 2	
DTaP	2 of 4	07/05/2013	2y 10m 19d	DTaP-HepB-IPV	Transcribed By (CAIR Clinic 2)	
DTaP	3 of 4	01/05/2014	3y 4m 20d	DTaP,5 pertussis antigens	Transcribed By (CAIR Clinic 2)	Aged Out
Hep A	1 of 2	08/16/2011	1y	HepA-Ped 2 Dose	Transcribed By (CAIR Clinic 2)	
Hep A	2 of 2	02/16/2012	1y 6m	HepA-Ped 2 Dose	Transcribed By (CAIR Clinic 2)	Complete
HEPB	1 of 3	05/05/2013	2y 8m 19d	DTaP-HepB-IPV	CAIR Clinic 2	
HEPB	2 of 3	07/05/2013	2y 10m 19d	DTaP-HepB-IPV	Transcribed By (CAIR Clinic 2)	08/30/2013
HIB	1 of 2	08/16/2011	1y	Hib-PRP-T	Transcribed By (CAIR Clinic 2)	
HIB	2 of 2	02/16/2012	1y 6m	Hib-PRP-T	Transcribed By (CAIR Clinic 2)	Complete
MMR	1 of 2	08/27/2013	3y 11d	MMR	Doc Office	
MMR	2 of 2	08/21/2015	5y 5d	MMR	Transcribed By (CAIR Clinic 2)	Complete
PCV	1 of 2	08/16/2011	1y	PCV13	Transcribed By (CAIR Clinic 2)	
PCV	2 of 2	10/16/2011	1y 2m	PCV13	Transcribed By (CAIR Clinic 2)	Complete
Polio	1 of 3	05/05/2013	2y 8m 19d	DTaP-HepB-IPV	CAIR Clinic 2	
Polio	2 of 3	07/05/2013	2y 10m 19d	DTaP-HepB-IPV	Transcribed By (CAIR Clinic 2)	08/16/2014
VAR	1 of 2	12/01/2013	3y 3m 15d	Varicella	Doc Office	09/18/2015

## Additional Doses

GROUP grupo	SERIES serie	DATE GIVEN fecha de vacunación	AGE GIVEN edad de vacunación	VACCINE vacuna	CLINIC THAT ADMINISTERED OR TRANSCRIBED <i>clínica que la administró o transcribió</i>	NEXT DOSE DUE <i>fecha para la próxima vacuna</i>

## TB

TB TESTS/RISK ASSESSMENT <i>pruebas de TB/evaluación de riesgos</i>	DATE GIVEN/ COLLECTED <i>fecha de administración/datos recopilados</i>	PPD or IGRA Minus Nil Result Component 1 (mm or IU/mL or Spots) <i>PPD o IGRA menos Nil resultado 1</i>	IGRA Minus Nil Result Component 2 (IU/mL or Spots) <i>IGRA menos Nil resultado 2</i>	INTERPRETATION <i>interpretación</i>	CLINIC THAT ADMINISTERED OR TRANSCRIBED <i>clínica que la administró o transcribió</i>
PPD-Mantoux	10/11/2018	0 mm		Negative	Transcribed in CAIR

# Refresher Training Video

- Refresher Video for Existing CAIR2 Regular Users Only  
<https://www.cdph.ca.gov/Programs/CID/DCDC/CAIR/Pages/CAIR-Training-Guides.aspx>
  - Will not count towards credit for training

CAIR2 User Guides

- CAIR2 Login and Account Management Guide (PDF)
- CAIR2 Regular User Guide (PDF)
- CAIR2 Inventory User (Power) Guide (PDF)
- CAIR2 Guide to Adding Historical Immunizations (PDF)
- CAIR2 Guide to Using Manage Patient Status (PDF)
- CAIR2 Reminder/Recall User Guide (PDF)
- CAIR2 Organizational Reports User Guide (PDF)
- CAIR2 Read-Only User Guide (PDF)
- CAIR2 Read-Only Quick Guide (PDF)
- CAIR2 TB User Guide (PDF)
- CAIR2 Manual Entry Guide (PDF) - Sites not using inventory)
- CAIR2 Vaccine Transfer User Guide (PDF)

CAIR2 Training Videos (minutes)

- Accessing CAIR (6:32)
- Managing Patients (10:58)
- Understanding the History/Recommend Page (8:14)
- Adding Historical Immunizations (6:18)
- Vaccine Inventory (12:13)
- Adding New Immunization (8:51)
- Generating Patient-Specific Reports (5:43)
- Vaccine Transfers (11:35)
- Generating and Understanding Ad Hoc Reports (12:34)
- Generating Benchmark and Assessment Reports (19:52)
- School and Child Care User (11:56)

**Refresher Video**

**Existing CAIR2 Regular Users Only:** If you are an Existing CAIR2 Regular User and have already successfully completed CAIR2 Regular User Training, below is a helpful refresher video covering the topics you learned in training:

**Important Note:** Watching this refresher video DOES NOT count as completion of CAIR2 Regular Training. If you have questions, please contact your Local CAIR Representative.

Refresher: CAIR2 Basic Features Review (Regular Users) (75:42)

# Training Registration Link- Now Hidden



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Programs

A-Z Index

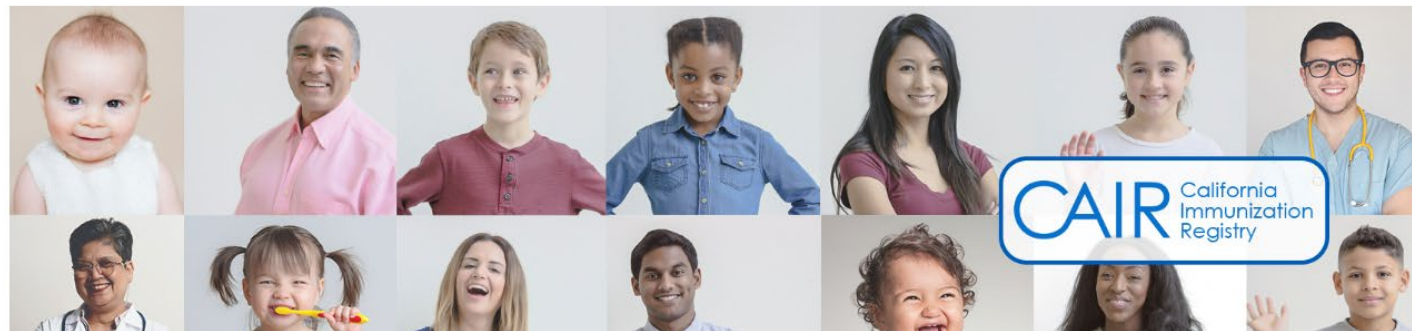
Home | Programs | Center for Infectious Diseases | Division of Communicable Disease Control | CAIR | California Immunization Registry

## CALIFORNIA IMMUNIZATION REGISTRY



- CAIR ▶
- Join CAIR ▶
- CAIR Users ▶
- Data Exchange ▶
- User Guides & Forms ▶
- Finding Records ▶

### Welcome to the CAIR Information Website



# CAIR2 Contact Information

**Local CAIR Representatives (LCRs):** [go.cdph.ca.gov/cair-lcr](https://go.cdph.ca.gov/cair-lcr)

## CAIR Help Desk

Phone: 800-578-7889 option #9

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

## CAIR Data Exchange Specialists

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

## Medical Exemptions (ME)

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

## COVID Call Center

Phone: 833-502-1245

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

# Thank you!

**Angelina Carrillo, MPH**

Local CAIR Representative- Orange County

CA Department of Public Health

Division of Communicable Diseases

Immunization Branch





# **ANNOUNCEMENTS AND UPCOMING EVENTS**



# **Community Congregate Setting (CCS) Immunization Survey Results Webinar**

## Virtual Webinar

- Date: Thursday, June 15, 2023
- Time: 9:00-10:00am
- Location: Microsoft Teams

[Register for the Webinar Here!](#)



# IMMUNIZATION SKILLS INSTITUTE

The innovative course will train medical personnel (e.g., medical assistants, pharmacists, nurses) on current, effective, and caring immunization techniques.

## Topics covered:

- Best practices
- Needle selection
- Injection sites
- Routes of administration and after care
- Vaccine storage & handling
- Immunization preparation
- Vaccine preparation
- Immunization documentation



Friday, July 21



12:30PM-4:30PM



5560 Overland Ave  
San Diego, CA 92123







## 2023 SDIC General Meeting Series

Every first Wednesday of even months from 12:30pm – 3:00pm

**Next Meeting:** Kick the Flu (+2) Wednesday, August 30<sup>th</sup>, 2023

**Save the Date: 10/6**

COC Chambers  
5520 Overland Avenue  
San Diego, CA 92123

**Thank you!**