

2018-2019 Kindergarten Immunization Assessment – Executive Summary

California Department of Public Health, Immunization Branch

Immunization requirements for school entry help protect children and communities from vaccine-preventable diseases. Each autumn California schools are required to report to the California Department of Public Health (CDPH) the status of their students under state immunization requirement laws. In recent years there have been changes to these laws and how public health departments assist schools to implement them. In 2014 and 2015 Assembly Bill (AB) 2109 added requirements for exemptions to required immunizations based on personal beliefs. 2018-2019 is the third full school year that entrants have been subject to Senate Bill (SB) 277, which no longer permits them to receive such personal beliefs exemptions (PBEs). Beginning in the 2015-2016 school year, many public health departments in California have assisted schools in correctly identifying and supporting eligible students, described as conditional entrants, who catch up with immunization requirements after entry.

Reported immunization rates remain at high levels but have decreased over the last two years. The proportion of students attending kindergarten in 2018-2019 reported to have received all required vaccines is 94.8%, a 0.3 percentage point decrease from the 2017-2018 school year, a 0.8 percentage point decrease from the 2016-2017 school year, and a 4.6 percentage point increase over five years since 2013-2014. The 2018-2019 rate of 94.8% is the third highest reported for the current set of immunization requirements for kindergarten, which began in the 2001-2002 school year.

Completion rates for each specific immunization series decreased between 0.3 percentage points for Polio, Hepatitis B, and Varicella to 0.4 percentage points for Diphtheria, Tetanus and Pertussis (DTP) vaccine and Measles, Mumps and Rubella (MMR) vaccine. In 2018-2019, 17 (29%) counties report fewer than 95% of their kindergartners as having had two doses of MMR vaccine, compared to 14 (24%) counties in 2016-2017 and 31 (53%) counties in 2015-2016.

The proportion of kindergartners reported as conditional entrants declined from 1.8% in 2017-2018 to 1.7% in 2018-2019, a 0.1 percentage point decrease over one year and a 5.2 percentage point decrease over the four years since 2014-2015. The present level of 1.7% is the lowest reported for the current set of immunization requirements for kindergarten.

Compared to 2017-2018, in 2018-2019 the proportion of kindergartners reported as:

- Having permanent medical exemptions increased from 0.7% to 0.9%.
- Lacking immunizations for other reasons specified under SB 277 increased from 1.1% to 1.5%, with 1.2% reported as being enrolled in independent study programs.
- Being overdue for required immunizations decreased from 1.2% to 1.1%.

Because of SB 277, the proportion of kindergartners reported with PBEs has remained at 0.0% since 2017-2018. Previously during measures specified in AB 2109, the rate of PBEs had decreased from 3.2% in 2013-2014 to 2.4% in 2015-2016.

CDPH and local health departments in California continue to closely monitor immunization coverage and to support schools in protecting the health of their students and communities.

2018-2019 Kindergarten Immunization Assessment – Technical Notes

Introduction

Each autumn all schools with kindergartens in California are required to report student compliance with California School Immunization Laws (California Health and Safety Code Sections 120325-120375). This report summarizes data for the 2018-2019 school year reported by public and private kindergartens statewide (Table 1, Figures 1-8) and by county (Tables 2-11).

In the 2014-2015 and 2015-2016 school years, entrants were subject to [Assembly Bill \(AB\) 2109](#), which added requirements for exemptions to required immunizations based on personal beliefs. 2018-2019 is the third full school year that entrants have been subject to [Senate Bill \(SB\) 277](#), which no longer permits them to receive such personal beliefs exemptions (PBEs).

Starting in the 2015-2016 school year, many public health departments in California have worked with schools to improve their application of the [Conditional Admission Immunization Schedule](#) for the conditional admission of eligible students.

Methods

During the autumn of 2018, California schools registered with the California Department of Education reported data on kindergarteners in the 2018-2019 school year to the California Department of Public Health (CDPH). Based on their immunization status, students were classified by school staff into the following categories:

- Received all required immunizations, including the following doses:
 - 5 or more of Diphtheria, Tetanus and Pertussis (DTP) vaccine (4 doses are acceptable if at least 1 dose was received on or after the fourth birthday): ['4+DTP']
 - 3 or more of Polio vaccine (3 doses are acceptable if at least 1 dose was received on or after the fourth birthday): ['3+ Polio']
 - 2 or more of Measles-containing vaccine received on or after the first birthday, and 1 or more of Mumps, and Rubella vaccine, typically combined as Measles, Mumps and Rubella (MMR) vaccine: ['2+ MMR']
 - 3 or more of Hepatitis B (Hep B) vaccine: [3+ Hep B'], and
 - 1 or more of Varicella (Var) vaccine or a history documented by a physician of having had chickenpox: ['1+ Var'].
- Conditional entrants who had:
 - Not received all required doses but were not overdue for required doses, or
 - A temporary medical exemption to one or more required immunizations.Conditional entrants are required to receive additional doses after entry.
- Have a permanent medical exemption (PME) to one or more required immunizations.
- Other students lacking immunizations. Under SB 277, entrants since the 2016-2017 school year have not been required to have immunizations if they attend:
 - A home-based private school or
 - A public independent study program and do not receive classroom-based instruction.

- In addition, students who have an individualized education program (IEP) may continue to receive all necessary services identified in their IEP regardless of their immunization status.

Students in these settings were classified in this category if they lacked required immunizations and did not meet the criteria for other categories.

- Children overdue for one or more required immunizations and subject to exclusion from school until the overdue requirements have been met.

Under SB 277, since the 2016-2017 school year personal beliefs exemptions (PBEs) have no longer have been an option for children entering kindergarten.

To simplify reporting, in 2015-2016 and earlier school years any immunizations received by children with PBEs or PME were not reported in the completion rates of each specific required immunization series (e.g., 4+ DTP, 2+ MMR, etc.). To improve accuracy, CDPH has requested schools to include these doses when reporting completion rates of specific immunizations since the 2016-2017 school year.

Due to rounding, figures may differ from the sums of their components. Differences were calculated between exact figures, varying at times by 0.1% from the differences between rounded figures.

Results

The number of kindergarteners in California whose immunization status was reported decreased from 564,121 in 2017-2018 to 555,735 in the 2018-2019 school year (Table 1). This is consistent with [reported statewide declines in school enrollment](#), as the number of schools that reported increased marginally from 7,957 in 2017-2018 to 7,964 in 2018-2019, and the number of schools that did not report decreased from 238 to 236 (Tables 1 and 2). Private schools account for 8% (42,827/555,735) of all kindergarteners about whom data was reported in 2018-2019, 24% (1,896/7,964) of all schools that reported data on kindergarteners and 92% (217/236) of schools that did not report.

Figures 1-5 show trends for students in public and private schools reported as having: received all required immunizations; entered conditionally; PMEs; PBEs; and completed specific immunization series. Figures 6-8 display for recent school years the distribution of major reporting categories for students reported from: all schools; public schools; and private schools.

All required immunizations: Of 555,735 kindergarteners whose schools reported their status, 526,923 (94.8%) had received all required immunizations, a decrease from the previous school year of 0.3 percentage points (Tables 1 and 5) and an increase over the three school years since 2015-2016 of 2.0 percentage points (Figures 1 and 6). For counties reporting at least 25 students, the highest rates, at least 97.5%, are reported in Modoc, Tulare, Kings, Solano, Colusa, Merced and Monterey counties (Tables 3-5).

In 2018-2019 nine (16%) of 58 counties in California have rates of kindergarteners with all required vaccines that are below 90%, the same number as in 2017-2018 (Tables 4 and 5, Figure 9). The rate in at least one of these, Sutter County, is influenced by online or virtual schools that are based in the county but that enroll children who reside mostly in other counties; many students in virtual schools qualify for exemptions from requirements under SB 277 (see Methods and below). At traditional classroom-based schools in Sutter County, 97.6% (1,485/1,521) of kindergartens were reported as receiving all required immunizations, compared

to 22.2% (175/789) enrolled at virtual schools based in the county and 71.9% (1,660/2,310) at all schools, traditional and virtual; of all students reported at kindergartens based in Sutter County, 34.2% (789/2,310) are enrolled in virtual schools.

As in past years, a higher proportion of students in public compared to private schools were reported as having had all required immunizations (95.0% vs. 92.9%; difference of 2.1 percentage points) (Table 1, Figures 7 and 8). However, this gap is smaller in 2018-2019 than it was in 2017-2018 (95.3% vs. 92.9%; difference of 2.4 percentage points), as there was a one-year decrease of 0.3 percentage points for students in public schools and no change for those in private schools.

Specific immunization series: Completion rates for specific immunization series varied between 96.0% for DTP vaccine and 97.9% for varicella vaccine (Tables 1 and 11, Figure 5). The rates decreased between 0.3 percentage points for Polio, Hep B, and Varicella vaccine to 0.4 percentage points for DTP and MMR vaccines. Rates for receipt remain higher in public schools; for MMR, 96.6% of students at public schools and 95.0% at private schools are reported as having received two doses, a decrease from 2017-2018 respectively of 0.4 percentage points and 0.0 percentage points, and an increase compared to 2015-2016 respectively of 1.8 percentage points and 4.5 percentage points. In 2018-2019, 17 (29%) counties report fewer than 95% of their kindergarteners as having had two doses of MMR (Table 11, Figure 10), compared to 16 (28%) counties in 2017-2018, 14 (24%) counties in 2016-2017 and 31 (53%) counties in 2015-2016.

Conditional entrants: Over the last four school years, the proportion of students reported as conditional entrants decreased from 6.9% in 2014-2015 to 1.7% in 2018-2019 (Table 1, Figures 2 and 6). Compared to the 2017-2018 school year, the proportion of conditional entrants in 2018-2019 decreased by 0.1 percentage point. The rate of conditional entrants decreased in both public (-0.1 percentage points) and private (-0.4 percentage points) schools (Table 1). Of 58 counties, at least 34 (59%) reported reductions in the proportion of conditional entrants, with the largest reductions reported for Tuolumne (-2.7% percentage points) and Sierra (-2.6% percentage points) counties (Table 6). Of the 1.7% of students reported as conditional entrants in 2018-2019, 0.3% (1,450) were reported as having had a temporary medical exemption, unchanged from 2017-2018.

PMEs: The percentage of students with PMEs increased from 0.7% in 2017-2018 to 0.9% in 2018-2019 (Tables 1 and 7, Figure 3). In public schools, the number of students reported with PMEs increased from 3,230 (0.6%) to 3,805 (0.7%) (Figure 7), while for private schools, the number of students increased from 881 (2.1%) to 1,007 (2.4%) (Figure 8).

PBEs: With the option of PBEs available to prior entrants but no longer to new entrants under SB 277, the percentage of kindergarteners with PBEs remains unchanged at 0.0% since 2017-2018, compared to 2.4% in 2015-2016 and 3.2% in 2013-2014 (Figures 4 and 6, Table 8).

Other students lacking required immunizations: The proportion of kindergarteners reported to be lacking one or more required immunizations and to attend an independent study program and do not receive classroom-based instruction, attend a home-based private school, or receive services in an IEP (Tables 1, 8 and 9) increased from 1.1% (6,072) in 2017-2018 to 1.5% (8,318) in 2018-2019. Children reported as being enrolled in public independent study programs accounted for most students in this category (1.2%, or 6,502) (Table 9), and for most of the increase compared to the previous year (0.39 of the 0.42 percentage point increase). More than 90% of the increase in the number of children enrolled in independent study programs and

lacking immunizations were reported from schools based in five counties: Kern, San Diego, San Bernardino, Sonoma, and Stanislaus. Some of these students are enrolled in virtual schools and reside in other counties.

Overdue: The percentage of students reported as being overdue for one or more immunizations (Tables 1 and 3) decreased from 1.2% in 2017-2018 to 1.1% in 2018-2019 (Table 1, Figure 6). In public schools the number of students reported as overdue decreased from 6,375 (1.2%) to 5,448 (1.1%) (Figure 7). For private schools the number of students reported as overdue increased from 545 (1.3%) to 635 (1.5%) (Figure 8).

Combined categories: Kindergarteners who are required to receive all mandated vaccines are reported in three categories: having received all required vaccines; conditional entrants; and being overdue for required doses. The kindergarteners who were reported in the sum of these three categories decreased by 0.6 percentage points from 98.2% in 2017-2018 to 97.6% in 2018-2019.

Conversely the sum of kindergarteners reported as not having to receive all required immunizations in elementary school because of PMEs; PBEs; or for other criteria specified in SB 277, increased by 0.6 percentage points from 1.8% in 2017-2018 to 2.4% in 2018-2019; the combined rate for public schools increased from 1.7% to 2.3% and for private schools increased from 2.6% to 2.8%. Over time the combined rate has been 3.3% in 2013-2014, 2.5% in 2015-2016, 1.5% in 2016-2017, and 2.4% in 2018-2019.

Discussion

Reported immunization rates remain at high levels but have decreased over the last two school years. Compared to 2017-2018, the proportion of students reported to enter kindergarten in California in 2018-2019 after receiving all required immunizations decreased by 0.3 percentage points to 94.8%, following an increase by 5.2 percentage points to 95.6% between the two school years from 2014-2015 to 2016-2017. The 2018-2019 rate of 94.8% is the third highest reported to CDPH since the 2001-2002 school year, when varicella vaccine became the most recent addition to the immunizations required for kindergarteners. The numbers of kindergarteners (555,735) and public schools (6,068) whose status was reported in 2018-2019 remain at amongst the highest levels since the 2001-2002 school year.

The proportion of conditional entrants decreased by 0.1 percentage point in 2018-2019 after a decrease of 5.1 percentage points in the three school years between 2014-2015 and 2017-2018. The current reported rate of conditional entrants, 1.7%, is the lowest reported for the current panel of required immunizations in place since the 2001-2002 school year.

Since 2015, local health departments and CDPH have intensified efforts to educate school staff on the proper use of conditional admission criteria based on the [Conditional Admission Immunization Schedule](#). In addition, state-mandated annual financial and compliance audits of local education agencies for the 2015-2016 and 2016-2017 school years inspected reimbursement for attendance at schools with higher rates of conditional admission. It is likely that these measures to promote compliance have contributed to the decreases in students reported as conditional entrants. These changes might also be attributable to an increased awareness of the risks of vaccine-preventable diseases and benefits of immunization, triggered in part by the measles outbreak that began in December 2014¹.

¹ https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6406a5.htm?s_cid=mm6406a5_w

It is possible that children who in previous school years would have been inaccurately categorized as conditional entrants represent some of the 1.1% of entrants reported as overdue in 2018-2019. Continued efforts to educate schools and support immunization services might further reduce the number of children who in future years are categorized either as conditional entrants or overdue; in sum these categories account for 2.8% of kindergarteners reported in 2018-2019, compared to 3.0% reported in 2017-2018.

The proportion of children reported in other categories of exemptions increased in 2018-2019, as 1.5% lacked required immunizations under other criteria introduced in SB 277. Most of these children were reported as being enrolled in independent study programs, representing an increase of 0.4 percentage points from 2017-2018. Another 0.9% were reported as having PME, an increase of 0.1% from 2017-2018. In sum, 2.4% of entrants were reported as not having had required immunizations because of PME, PBE, or other criteria related to SB 277, compared to 1.8% in 2017-2018. Over the recent period of multiple changes in policies and laws in California; the combined rate has been 3.3% in 2013-2014, 2.6% in 2015-2016, 1.5% in 2016-2017, and 2.4% in 2018-2019. Future assessments will continue to monitor these categories.

Children in schools and communities with lower immunization rates remain at higher risk of contracting and transmitting vaccine preventable diseases. In both the 2017-2018 and 2018-2019 school years, nine (16%) of 58 counties in California have had rates of kindergarteners with all required vaccines that are below 90% (Figure 9). 17 (29%) counties, compared to 14 (24%) in 2016-2017 and 31 (53%) in 2015-2016, report fewer than 95% of their kindergarteners as having had two doses of MMR (Table 11, Figure 10), an approximate threshold necessary to prevent the transmission of measles. In addition, recent changes to California's school immunization laws did not apply to earlier cohorts of children who are no longer of school age. Unimmunized older children and adults were amongst those who caught measles during recent outbreaks in California. For these individuals, decisions that were made in previous decades to not immunize have had lingering consequences for themselves and their communities.

Limitations

This report is subject to limitations that include:

- 236 California elementary schools, including 217 private schools and 19 public schools, did not report their immunization data; in the absence of reporting, CDPH does not know how many of them enrolled kindergarteners this year or the immunization status of their kindergarteners.
- As in previous years, private home schools that did not register with the California Department of Education may not have reported data to CDPH, which would result in continued underestimates of their enrollment.
- Nineteen schools, including at least two virtual schools, that registered with the California Department of Education as being public schools, and which appear to enroll both public and private students, reported 75 students as attending home-based private schools. In this report these students are classified as attending public schools. Any misclassification of enrollment between public and private schools, or between independent study and home-based schools, has not affected the total of students in the category of other students lacking immunization, but has affected its subcategories.

- Part of the relative improvements in the completion rates of specific immunization series starting in the 2016-2017 school year may have been due to the inclusion in reporting of doses received by partially immunized children who had PBEs or PME to other required immunizations. In reporting to CDPH during prior school years, doses received by children with exemptions were not included in completion rates for any specific vaccine. This may have resulted in underestimates of completion rates for specific vaccines in prior years and overestimates of their increases between recent and prior years. The magnitude of the resultant increase to the rate of any immunization series in 2018-2019 resulting from this change in reporting could be no greater than 2.4%, the total of students reported in categories as not having to receive all required immunizations (PMEs or other criteria specified in SB 277). This reporting change should not have affected rates, or changes in rates, for the category of having received all required vaccines.
- The timing of immunization is often not included in the assessment criteria; if doses were given at inappropriate ages or intervals, the reported rates may overestimate levels of immunity.
- It is possible that some immunization records provided to schools have been incomplete. The presence of incomplete records would underestimate immunization coverage. Any improvements over time in completion of records since the time of reporting would increase estimates of coverage.
- Changes over time in the quality of reporting by schools are another potential explanation for changes in immunization rates.

For further information, please contact CDPH Immunization Branch at SchoolAssessments@cdph.ca.gov.

For media inquiries, please contact CDPH Office of Public Affairs via e-mail cdphpress@cdph.ca.gov or phone 916-440-7259.

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Table 11. Number and Percentage of Students with Required Immunizations by Vaccine Series, by County

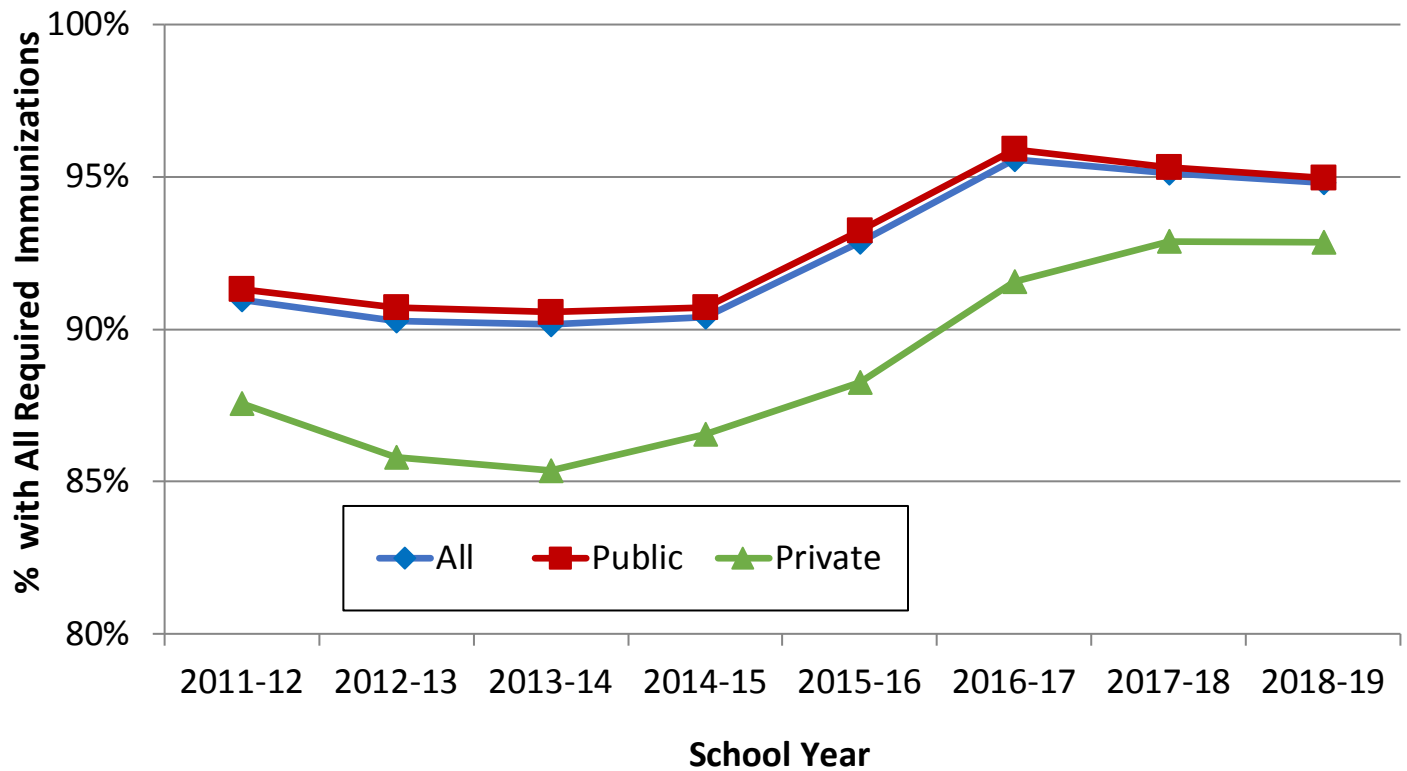


Figure 1. Percentage of Kindergarten Students with All Required Immunizations, by School Type and School Year, 2011-2012 to 2018-2019

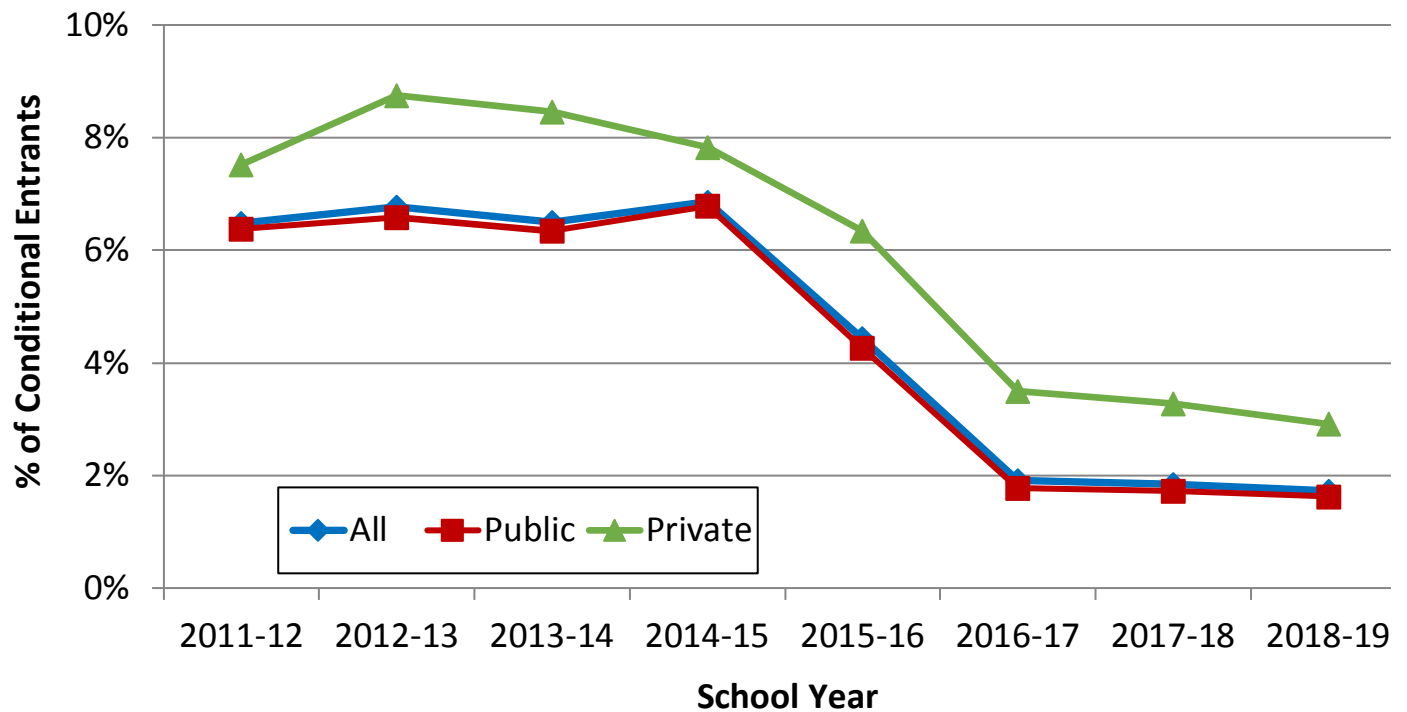


Figure 2. Percentage of Conditional Entrants into Kindergarten, by School Type and School Year, 2011-2012 to 2018-2019

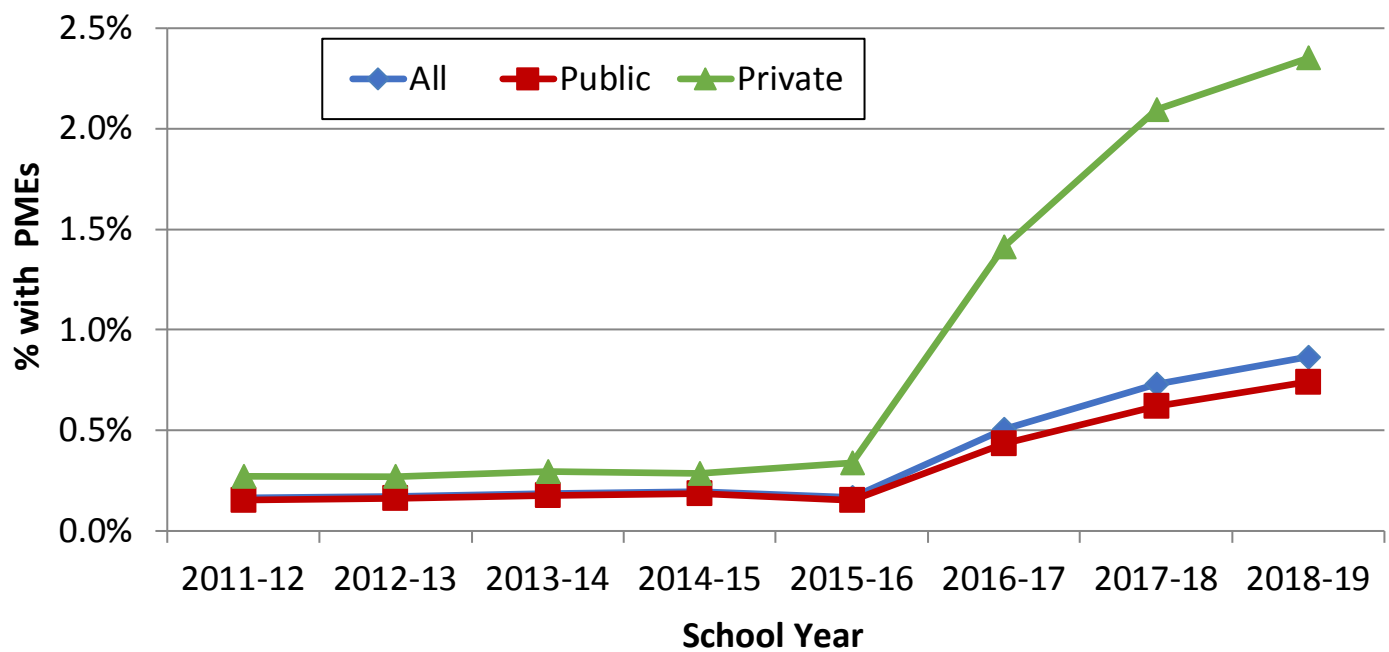


Figure 3. Percentage of Kindergarten Students with Permanent Medical Exemptions (PMEs), by School Type and School Year, 2011-2012 to 2018-2019

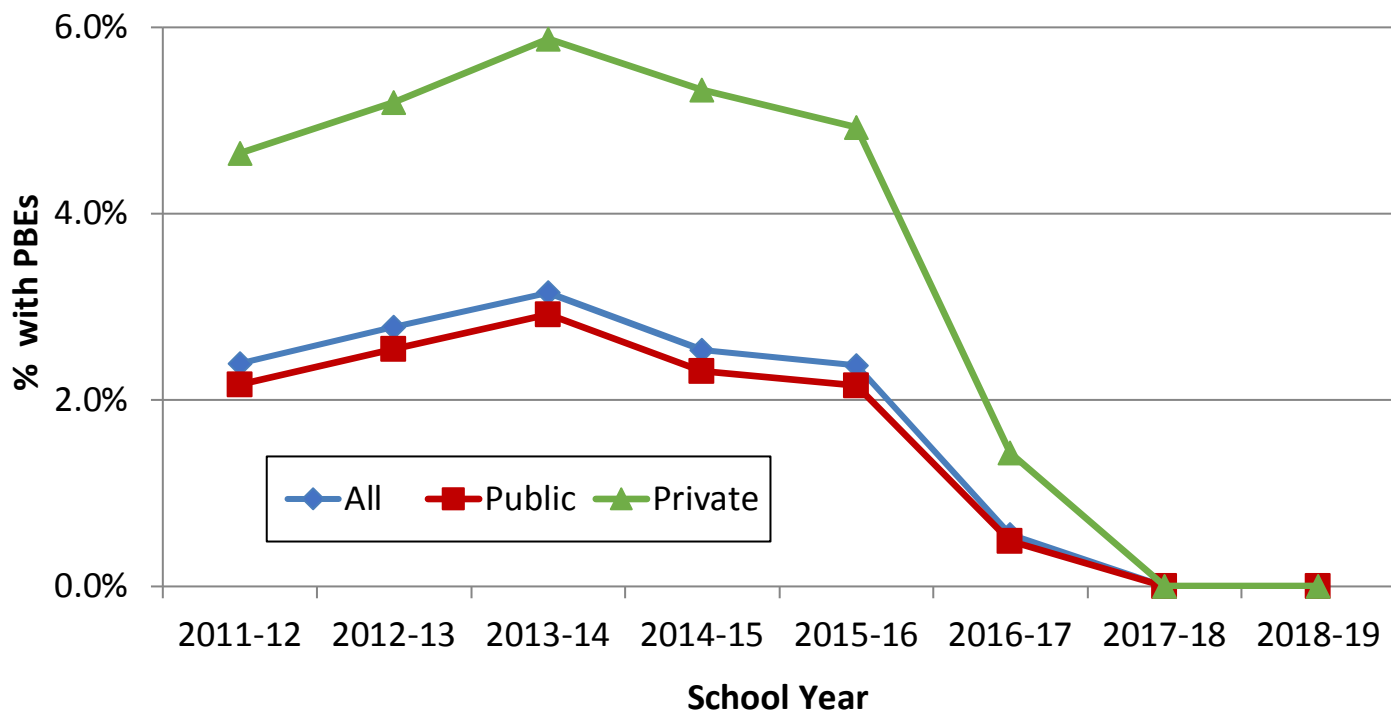


Figure 4. Percentage of Kindergarten Students with Personal Belief Exemptions (PBEs), by School Type and School Year, 2011-2012 to 2017-2018

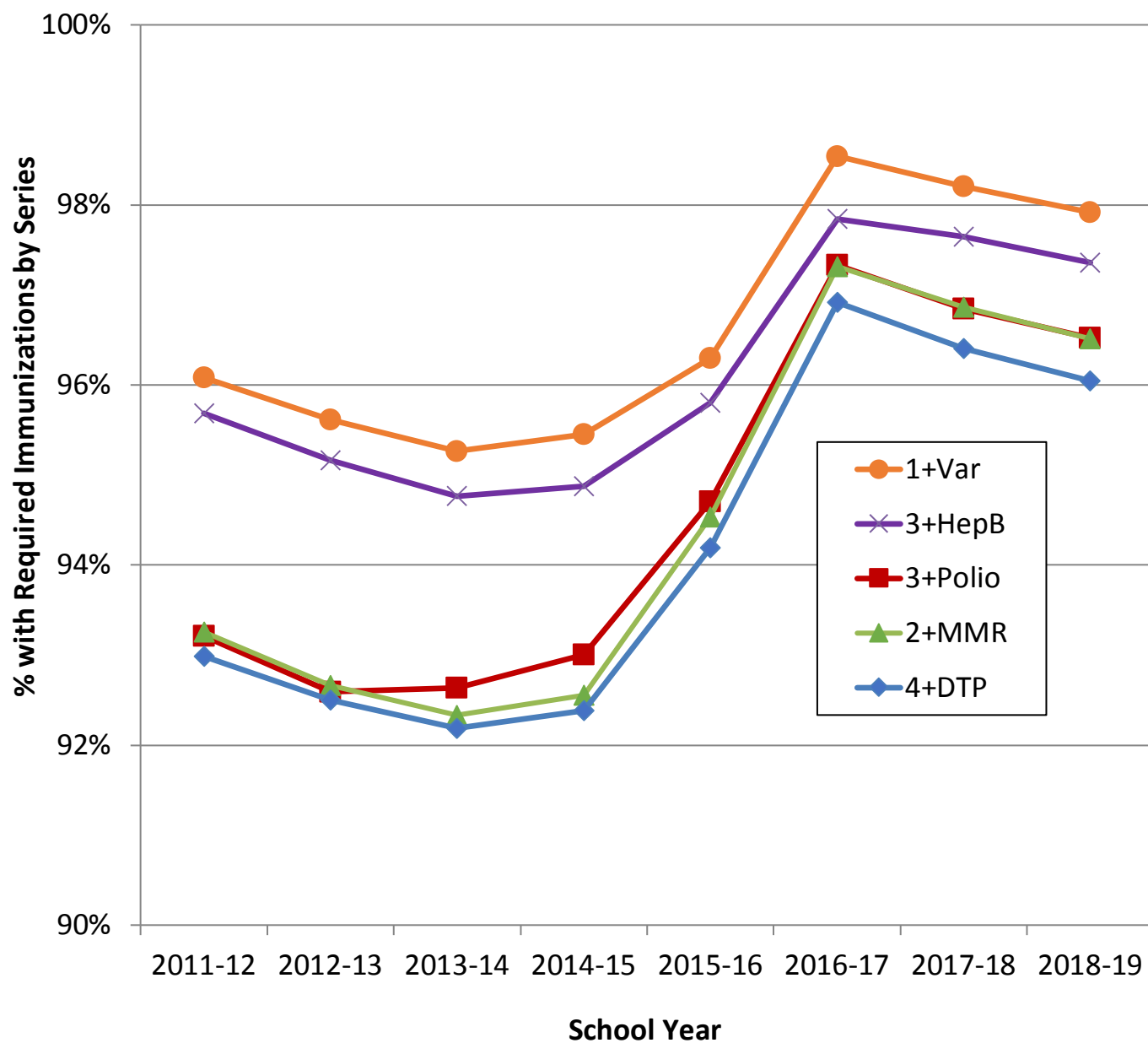
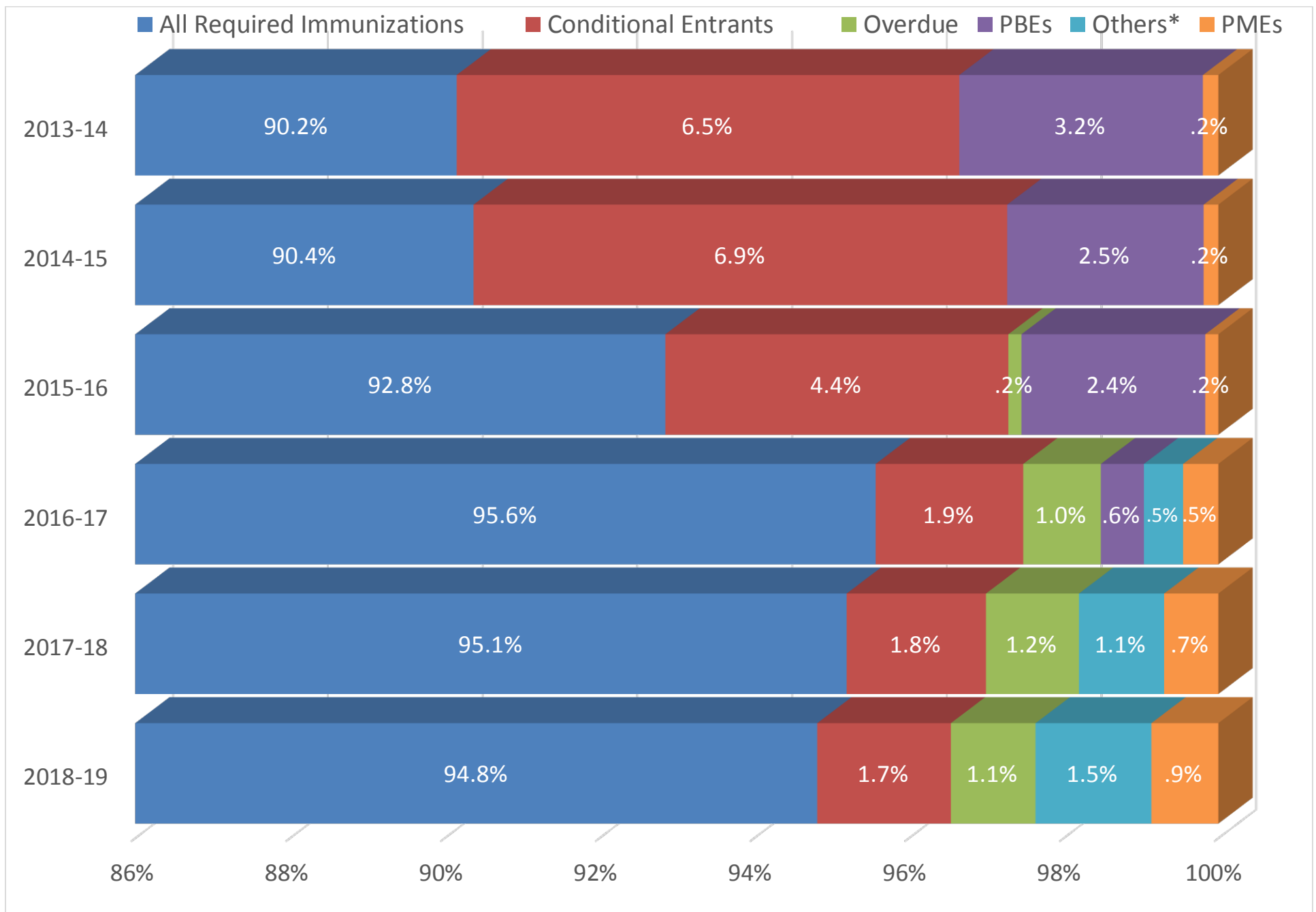
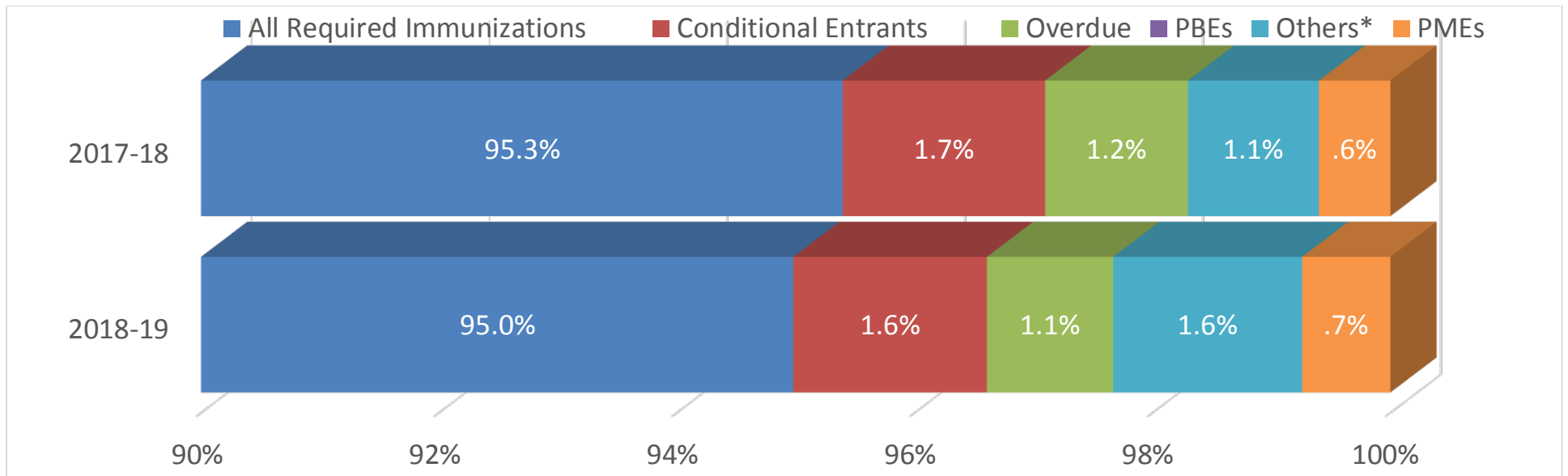


Figure 5. Percentage of Kindergarten Students with Specific Required Immunizations by Series and School Year, 2011-2012 to 2018-2019



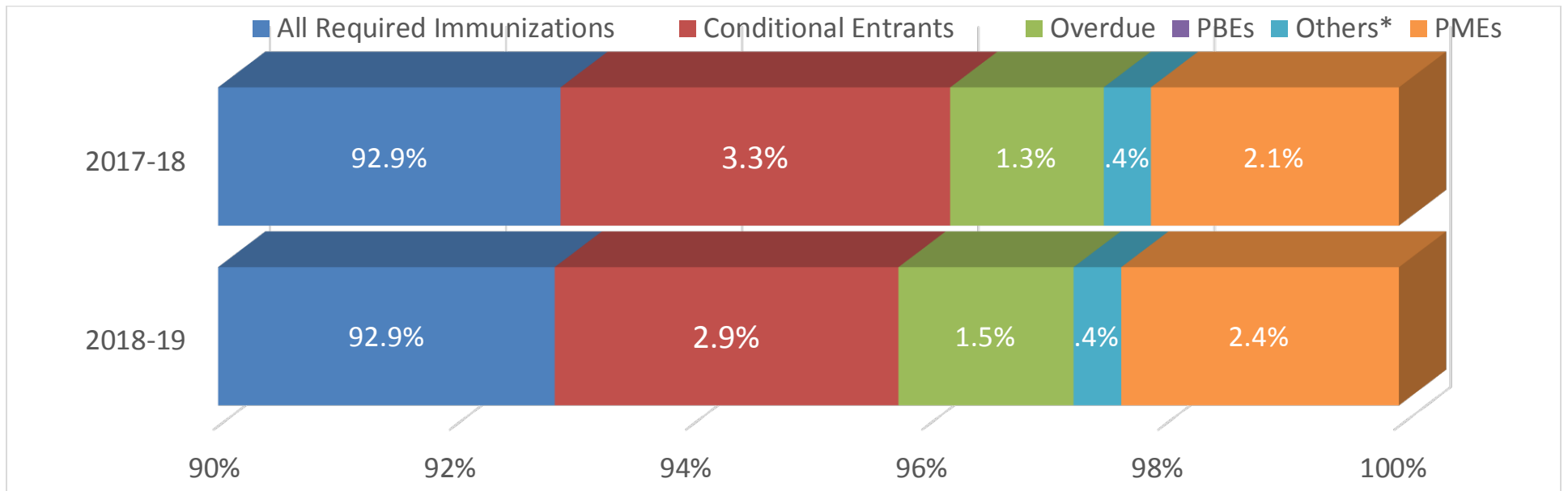
*Other children lacking required immunizations under criteria specified in SB 277.

Figure 6. Percentage of All Kindergarten Students by Reported Admission Status by School Year, 2013-2014 to 2018-2019. In the 2014-2015 and 2015-2016 school years, entrants were subject to AB 2109. Since the 2016-2017 school year, entrants have been subject to SB 277.



*Other children lacking required immunizations under criteria specified in SB 277.

Figure 7. Percentage of Public School Kindergarten Students by Reported Admission Status by School Year, 2017-2018 and 2018-2019



*Other children lacking required immunizations under criteria specified in SB 277.

Figure 8. Percentage of Private School Kindergarten Students by Reported Admission Status by School Year, 2017-2018 and 2018-2019

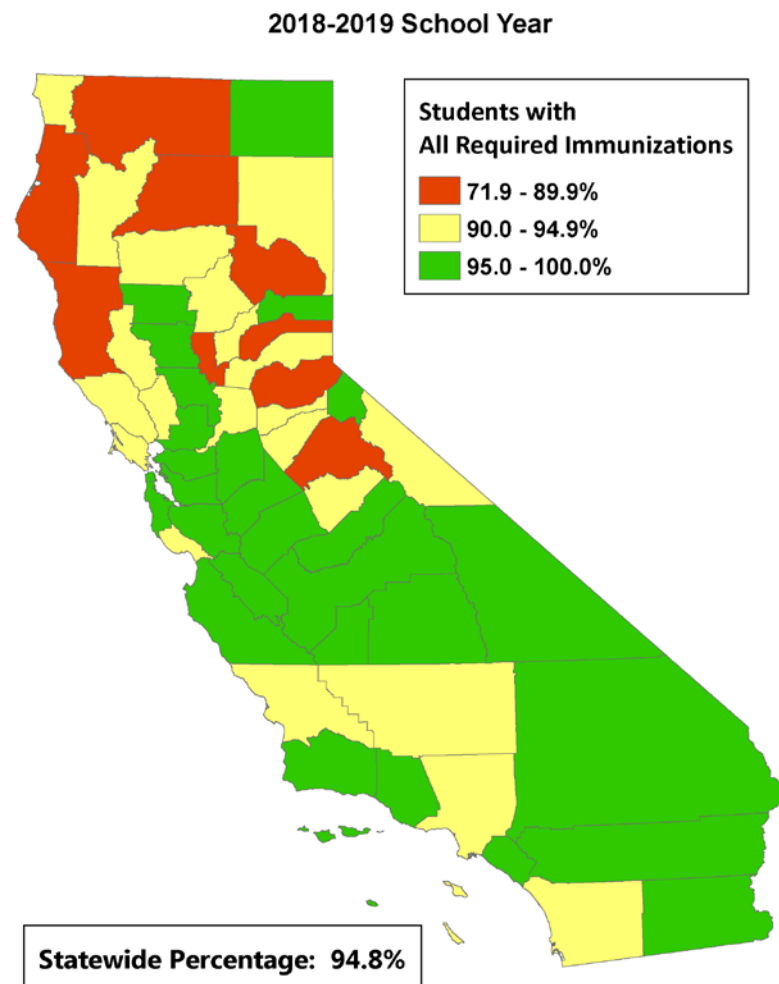
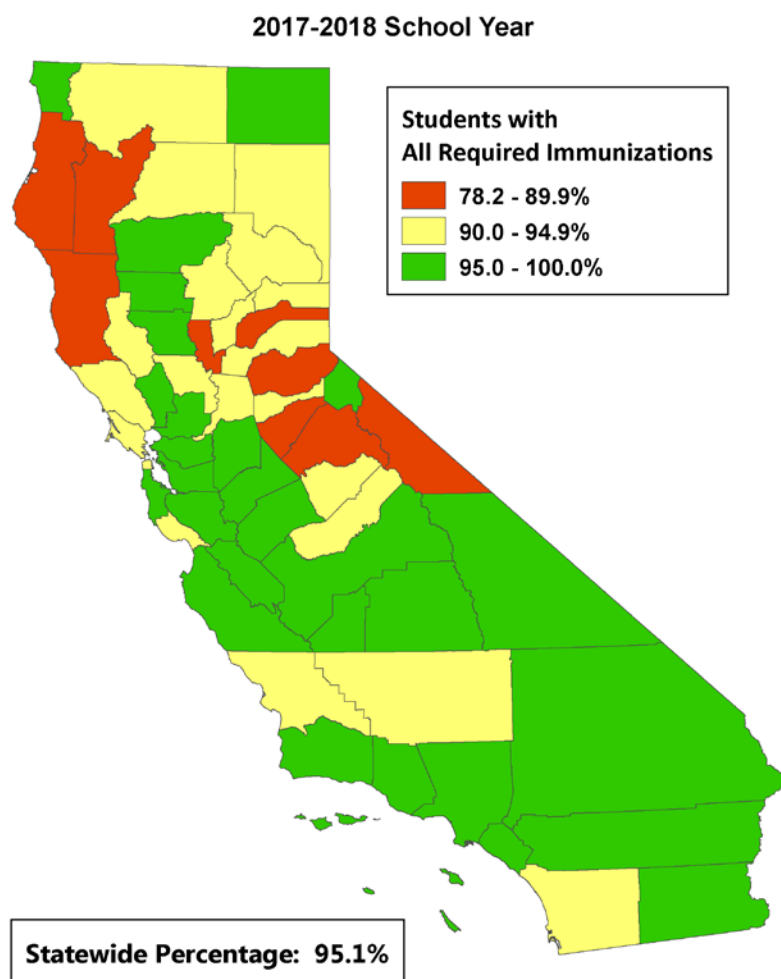


Figure 9. Kindergarten Students with All Required Immunizations, by County, 2017-2018 and 2018-2019 School Years
See pages 3 and 4 for additional information.

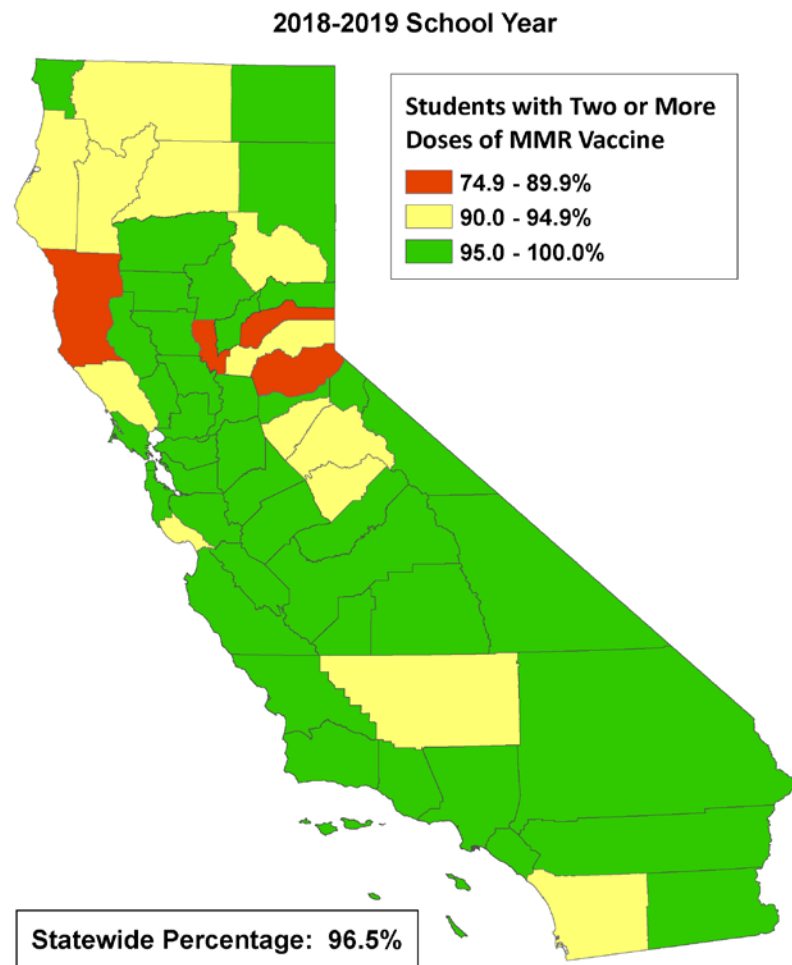
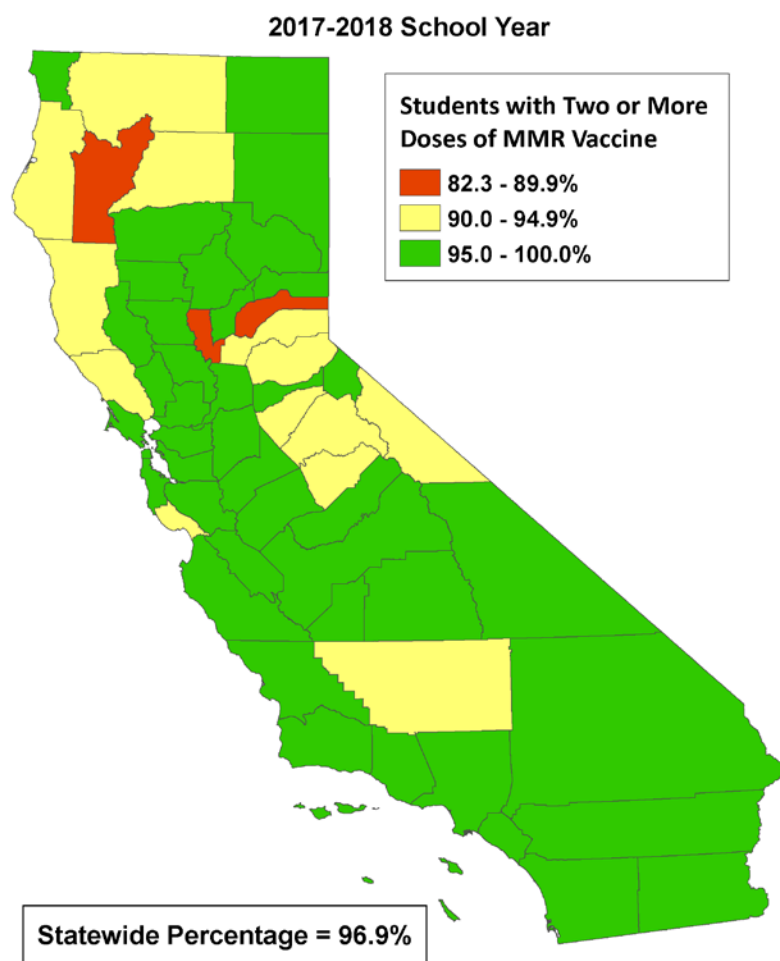


Figure 10. Kindergarten Students with Two or More Doses of MMR Vaccine, by County, 2017-2018 and 2018-2019 School Years

Table 1: Kindergarten Immunization Assessment Summary, 2017-2018 and 2018-2019 School Years

| | 2018-2019 | | | 2017-2018 | | | 1-Year Percentage Point Change* | | |
|---|-----------|---------|---------|-----------|---------|---------|---------------------------------|--------|---------|
| | All | Public | Private | All | Public | Private | All | Public | Private |
| Number of Schools Reporting Kindergarten Students | 7,964 | 6,068 | 1,896 | 7,957 | 6,074 | 1,883 | | | |
| Number of Kindergarten Students | 555,735 | 512,908 | 42,827 | 564,121 | 522,082 | 42,039 | | | |
| All Required Immunizations | 94.8% | 95.0% | 92.9% | 95.1% | 95.3% | 92.9% | -0.3% | -0.3% | 0.0% |
| Conditional Entrants | 1.7% | 1.6% | 2.9% | 1.8% | 1.7% | 3.3% | -0.1% | -0.1% | -0.4% |
| Permanent Medical Exemptions | 0.9% | 0.7% | 2.4% | 0.7% | 0.6% | 2.1% | 0.1% | 0.1% | 0.3% |
| Personal Belief Exemptions | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Others Lacking immunizations† | 1.5% | 1.6% | 0.4% | 1.1% | 1.1% | 0.4% | 0.4% | 0.5% | 0.0% |
| Overdue^ | 1.1% | 1.1% | 1.5% | 1.2% | 1.2% | 1.3% | -0.1% | -0.2% | 0.2% |
| 4+ DTP | 96.0% | 96.1% | 94.8% | 96.4% | 96.5% | 95.0% | -0.4% | -0.4% | -0.2% |
| 3+ Polio | 96.5% | 96.7% | 94.8% | 96.8% | 97.0% | 95.0% | -0.3% | -0.3% | -0.2% |
| 2+ MMR | 96.5% | 96.6% | 95.0% | 96.9% | 97.0% | 95.0% | -0.4% | -0.4% | 0.0% |
| 3+ Hep B | 97.4% | 97.5% | 96.3% | 97.6% | 97.8% | 96.2% | -0.3% | -0.3% | 0.1% |
| 1+ Var (or physician-documented disease) | 97.9% | 98.0% | 96.5% | 98.2% | 98.3% | 96.7% | -0.3% | -0.3% | -0.1% |

* Differences between exact percentages; may vary from the differences between the rounded percentages listed to the left in table.

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more required immunizations.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 2: NUMBER AND PERCENTAGE OF SCHOOLS REPORTING,
BY COUNTY AND TYPE

| | ALL | | | PUBLIC | | | PRIVATE | | |
|--------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|
| | NUMBER OF SCHOOLS | NUMBER REPORTING | PERCENT REPORTING | NUMBER OF SCHOOLS | NUMBER REPORTING | PERCENT REPORTING | NUMBER OF SCHOOLS | NUMBER REPORTING | PERCENT REPORTING |
| STATE TOTAL | 8,200 | 7,964 | 97.1% | 6,087 | 6,068 | 99.7% | 2,113 | 1,896 | 89.7% |
| COUNTY | | | | | | | | | |
| ALAMEDA | 331 | 321 | 97.0% | 225 | 225 | 100.0% | 106 | 96 | 90.6% |
| ALPINE | 1 | 1 | 100.0% | 1 | 1 | 100.0% | 0 | 0 | 0.0% |
| AMADOR | 8 | 8 | 100.0% | 7 | 7 | 100.0% | 1 | 1 | 100.0% |
| BUTTE | 59 | 59 | 100.0% | 49 | 49 | 100.0% | 10 | 10 | 100.0% |
| CALAVERAS | 13 | 11 | 84.6% | 11 | 11 | 100.0% | 2 | 0 | 0.0% |
| COLUSA | 6 | 6 | 100.0% | 5 | 5 | 100.0% | 1 | 1 | 100.0% |
| CONTRA COSTA | 227 | 223 | 98.2% | 164 | 164 | 100.0% | 63 | 59 | 93.7% |
| DEL NORTE | 10 | 10 | 100.0% | 10 | 10 | 100.0% | 0 | 0 | 0.0% |
| EL DORADO | 46 | 46 | 100.0% | 37 | 37 | 100.0% | 9 | 9 | 100.0% |
| FRESNO | 230 | 230 | 100.0% | 204 | 204 | 100.0% | 26 | 26 | 100.0% |
| GLENN | 13 | 13 | 100.0% | 11 | 11 | 100.0% | 2 | 2 | 100.0% |
| HUMBOLDT | 56 | 56 | 100.0% | 51 | 51 | 100.0% | 5 | 5 | 100.0% |
| IMPERIAL | 44 | 44 | 100.0% | 37 | 37 | 100.0% | 7 | 7 | 100.0% |
| INYO | 6 | 6 | 100.0% | 6 | 6 | 100.0% | 0 | 0 | 0.0% |
| KERN | 192 | 188 | 97.9% | 162 | 162 | 100.0% | 30 | 26 | 86.7% |
| KINGS | 38 | 37 | 97.4% | 32 | 32 | 100.0% | 6 | 5 | 83.3% |
| LAKE | 16 | 16 | 100.0% | 14 | 14 | 100.0% | 2 | 2 | 100.0% |
| LASSEN | 12 | 12 | 100.0% | 12 | 12 | 100.0% | 0 | 0 | 0.0% |
| LOS ANGELES | 2,001 | 1,828 | 91.4% | 1,330 | 1,316 | 98.9% | 671 | 512 | 76.3% |
| MADERA | 38 | 37 | 97.4% | 36 | 35 | 97.2% | 2 | 2 | 100.0% |
| MARIN | 71 | 71 | 100.0% | 46 | 46 | 100.0% | 25 | 25 | 100.0% |
| MARIPOSA | 9 | 9 | 100.0% | 9 | 9 | 100.0% | 0 | 0 | 0.0% |
| MENDOCINO | 33 | 32 | 97.0% | 27 | 27 | 100.0% | 6 | 5 | 83.3% |
| MERCED | 64 | 63 | 98.4% | 54 | 54 | 100.0% | 10 | 9 | 90.0% |
| MODOC | 5 | 5 | 100.0% | 4 | 4 | 100.0% | 1 | 1 | 100.0% |
| MONO | 6 | 6 | 100.0% | 5 | 5 | 100.0% | 1 | 1 | 100.0% |
| MONTEREY | 96 | 96 | 100.0% | 83 | 83 | 100.0% | 13 | 13 | 100.0% |
| NAPA | 35 | 35 | 100.0% | 22 | 22 | 100.0% | 13 | 13 | 100.0% |
| NEVADA | 26 | 26 | 100.0% | 22 | 22 | 100.0% | 4 | 4 | 100.0% |

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 2: NUMBER AND PERCENTAGE OF SCHOOLS REPORTING,
BY COUNTY AND TYPE

| | ALL | | | PUBLIC | | | PRIVATE | | |
|-----------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|
| | NUMBER OF SCHOOLS | NUMBER REPORTING | PERCENT REPORTING | NUMBER OF SCHOOLS | NUMBER REPORTING | PERCENT REPORTING | NUMBER OF SCHOOLS | NUMBER REPORTING | PERCENT REPORTING |
| STATE TOTAL | 8,200 | 7,964 | 97.1% | 6,087 | 6,068 | 99.7% | 2,113 | 1,896 | 89.7% |
| COUNTY | | | | | | | | | |
| ORANGE | 611 | 611 | 100.0% | 409 | 409 | 100.0% | 202 | 202 | 100.0% |
| PLACER | 94 | 93 | 98.9% | 82 | 81 | 98.8% | 12 | 12 | 100.0% |
| PLUMAS | 8 | 7 | 87.5% | 5 | 5 | 100.0% | 3 | 2 | 66.7% |
| RIVERSIDE | 397 | 395 | 99.5% | 301 | 301 | 100.0% | 96 | 94 | 97.9% |
| SACRAMENTO | 305 | 304 | 99.7% | 241 | 241 | 100.0% | 64 | 63 | 98.4% |
| SAN BENITO | 20 | 18 | 90.0% | 16 | 15 | 93.8% | 4 | 3 | 75.0% |
| SAN BERNARDINO | 431 | 428 | 99.3% | 352 | 352 | 100.0% | 79 | 76 | 96.2% |
| SAN DIEGO | 618 | 618 | 100.0% | 481 | 481 | 100.0% | 137 | 137 | 100.0% |
| SAN FRANCISCO | 149 | 149 | 100.0% | 78 | 78 | 100.0% | 71 | 71 | 100.0% |
| SAN JOAQUIN | 183 | 183 | 100.0% | 161 | 161 | 100.0% | 22 | 22 | 100.0% |
| SAN LUIS OBISPO | 63 | 62 | 98.4% | 46 | 46 | 100.0% | 17 | 16 | 94.1% |
| SAN MATEO | 166 | 166 | 100.0% | 113 | 113 | 100.0% | 53 | 53 | 100.0% |
| SANTA BARBARA | 106 | 105 | 99.1% | 81 | 80 | 98.8% | 25 | 25 | 100.0% |
| SANTA CLARA | 383 | 383 | 100.0% | 260 | 260 | 100.0% | 123 | 123 | 100.0% |
| SANTA CRUZ | 67 | 64 | 95.5% | 46 | 46 | 100.0% | 21 | 18 | 85.7% |
| SHASTA | 64 | 60 | 93.8% | 49 | 49 | 100.0% | 15 | 11 | 73.3% |
| SIERRA | 2 | 2 | 100.0% | 2 | 2 | 100.0% | 0 | 0 | 0.0% |
| SISKIYOU | 29 | 29 | 100.0% | 25 | 25 | 100.0% | 4 | 4 | 100.0% |
| SOLANO | 81 | 76 | 93.8% | 61 | 61 | 100.0% | 20 | 15 | 75.0% |
| SONOMA | 129 | 126 | 97.7% | 108 | 107 | 99.1% | 21 | 19 | 90.5% |
| STANISLAUS | 133 | 125 | 94.0% | 113 | 113 | 100.0% | 20 | 12 | 60.0% |
| SUTTER | 34 | 34 | 100.0% | 31 | 31 | 100.0% | 3 | 3 | 100.0% |
| TEHAMA | 25 | 24 | 96.0% | 23 | 23 | 100.0% | 2 | 1 | 50.0% |
| TRINITY | 9 | 8 | 88.9% | 8 | 8 | 100.0% | 1 | 0 | 0.0% |
| TULARE | 123 | 121 | 98.4% | 111 | 111 | 100.0% | 12 | 10 | 83.3% |
| TUOLUMNE | 17 | 17 | 100.0% | 12 | 12 | 100.0% | 5 | 5 | 100.0% |
| VENTURA | 188 | 188 | 100.0% | 136 | 136 | 100.0% | 52 | 52 | 100.0% |
| YOLO | 46 | 46 | 100.0% | 35 | 35 | 100.0% | 11 | 11 | 100.0% |
| YUBA | 27 | 27 | 100.0% | 25 | 25 | 100.0% | 2 | 2 | 100.0% |

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 3: TOTAL ENROLLMENT AND ADMISSION STATUS,
BY COUNTY

| | TOTAL STUDENTS | STUDENTS WITH ALL REQUIRED IMMUNIZATIONS | | CONDITIONAL ENTRANTS | | STUDENTS WITH PME | | OTHERS LACKING REQUIRED IMMUNIZATIONS† | | OVERDUE^ | |
|--------------------|----------------|--|---------|----------------------|---------|-------------------|---------|--|---------|----------|---------|
| | NUMBER | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT |
| STATE TOTAL COUNTY | 555,735 | 526,923 | 94.8% | 9,599 | 1.7% | 4,812 | 0.9% | 8,318 | 1.5% | 6,083 | 1.1% |
| ALAMEDA | 21,818 | 21,078 | 96.6% | 231 | 1.1% | 132 | 0.6% | 41 | 0.2% | 336 | 1.5% |
| ALPINE | 10 | <20* | --* | <20* | --* | <20* | --* | <20* | --* | <20* | --* |
| AMADOR | 279 | 256 | 91.8% | 11 | 3.9% | 3 | 1.1% | 8 | 2.9% | 1 | 0.4% |
| BUTTE | 2,822 | 2,657 | 94.2% | 73 | 2.6% | 34 | 1.2% | 46 | 1.6% | 12 | 0.4% |
| CALAVERAS | 437 | 394 | 90.2% | 14 | 3.2% | 12 | 2.7% | 17 | 3.9% | 0 | 0.0% |
| COLUSA | 360 | 351 | 97.5% | 9 | 2.5% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| CONTRA COSTA | 15,192 | 14,644 | 96.4% | 247 | 1.6% | 132 | 0.9% | 40 | 0.3% | 129 | 0.8% |
| DEL NORTE | 382 | 360 | 94.2% | 7 | 1.8% | 4 | 1.0% | 8 | 2.1% | 3 | 0.8% |
| EL DORADO | 2,453 | 2,153 | 87.8% | 78 | 3.2% | 93 | 3.8% | 126 | 5.1% | 3 | 0.1% |
| FRESNO | 18,758 | 18,113 | 96.6% | 256 | 1.4% | 52 | 0.3% | 237 | 1.3% | 100 | 0.5% |
| GLENN | 540 | 520 | 96.3% | 5 | 0.9% | 3 | 0.6% | 0 | 0.0% | 12 | 2.2% |
| HUMBOLDT | 1,708 | 1,507 | 88.2% | 53 | 3.1% | 99 | 5.8% | 24 | 1.4% | 25 | 1.5% |
| IMPERIAL | 3,134 | 3,049 | 97.3% | 58 | 1.9% | 6 | 0.2% | 10 | 0.3% | 11 | 0.4% |
| INYO | 231 | 221 | 95.7% | 10 | 4.3% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| KERN | 18,110 | 16,495 | 91.1% | 474 | 2.6% | 57 | 0.3% | 996 | 5.5% | 88 | 0.5% |
| KINGS | 2,686 | 2,620 | 97.5% | 45 | 1.7% | 5 | 0.2% | 2 | 0.1% | 14 | 0.5% |
| LAKE | 848 | 783 | 92.3% | 43 | 5.1% | 12 | 1.4% | 1 | 0.1% | 9 | 1.1% |
| LASSEN | 385 | 363 | 94.3% | 10 | 2.6% | 3 | 0.8% | 9 | 2.3% | 0 | 0.0% |
| LOS ANGELES | 136,039 | 128,618 | 94.5% | 2,252 | 1.7% | 783 | 0.6% | 1,746 | 1.3% | 2,640 | 1.9% |
| MADERA | 2,762 | 2,637 | 95.5% | 36 | 1.3% | 12 | 0.4% | 37 | 1.3% | 40 | 1.4% |
| MARIN | 3,170 | 2,989 | 94.3% | 85 | 2.7% | 82 | 2.6% | 6 | 0.2% | 8 | 0.3% |
| MARIPOSA | 156 | 142 | 91.0% | 10 | 6.4% | 2 | 1.3% | 2 | 1.3% | 0 | 0.0% |
| MENDOCINO | 1,204 | 1,024 | 85.0% | 27 | 2.2% | 50 | 4.2% | 6 | 0.5% | 97 | 8.1% |
| MERCED | 5,240 | 5,109 | 97.5% | 83 | 1.6% | 8 | 0.2% | 18 | 0.3% | 22 | 0.4% |
| MODOC | 111 | 110 | 99.1% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 0.9% |
| MONO | 150 | 136 | 90.7% | 6 | 4.0% | 4 | 2.7% | 0 | 0.0% | 4 | 2.7% |
| MONTEREY | 6,926 | 6,750 | 97.5% | 81 | 1.2% | 52 | 0.8% | 3 | 0.0% | 40 | 0.6% |
| NAPA | 1,429 | 1,350 | 94.5% | 42 | 2.9% | 25 | 1.7% | 7 | 0.5% | 5 | 0.3% |
| NEVADA | 990 | 795 | 80.3% | 43 | 4.3% | 105 | 10.6% | 46 | 4.6% | 1 | 0.1% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 3: TOTAL ENROLLMENT AND ADMISSION STATUS,
BY COUNTY

| | TOTAL STUDENTS | STUDENTS WITH ALL REQUIRED IMMUNIZATIONS | | CONDITIONAL ENTRANTS | | STUDENTS WITH PME | | OTHERS LACKING REQUIRED IMMUNIZATIONS† | | OVERDUE^ | |
|--------------------|----------------|--|---------|----------------------|---------|-------------------|---------|--|---------|----------|---------|
| | NUMBER | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT |
| STATE TOTAL COUNTY | 555,735 | 526,923 | 94.8% | 9,599 | 1.7% | 4,812 | 0.9% | 8,318 | 1.5% | 6,083 | 1.1% |
| ORANGE | 41,734 | 39,951 | 95.7% | 741 | 1.8% | 456 | 1.1% | 310 | 0.7% | 276 | 0.7% |
| PLACER | 6,470 | 5,936 | 91.7% | 190 | 2.9% | 155 | 2.4% | 57 | 0.9% | 132 | 2.0% |
| PLUMAS | 210 | 181 | 86.2% | 15 | 7.1% | 8 | 3.8% | 6 | 2.9% | 0 | 0.0% |
| RIVERSIDE | 35,422 | 34,104 | 96.3% | 598 | 1.7% | 232 | 0.7% | 194 | 0.5% | 294 | 0.8% |
| SACRAMENTO | 21,501 | 20,087 | 93.4% | 527 | 2.5% | 309 | 1.4% | 395 | 1.8% | 183 | 0.9% |
| SAN BENITO | 1,052 | 1,020 | 97.0% | 14 | 1.3% | 2 | 0.2% | 0 | 0.0% | 16 | 1.5% |
| SAN BERNARDINO | 33,920 | 32,266 | 95.1% | 660 | 1.9% | 147 | 0.4% | 559 | 1.6% | 288 | 0.8% |
| SAN DIEGO | 46,256 | 42,807 | 92.5% | 770 | 1.7% | 599 | 1.3% | 1,843 | 4.0% | 237 | 0.5% |
| SAN FRANCISCO | 6,840 | 6,547 | 95.7% | 71 | 1.0% | 46 | 0.7% | 0 | 0.0% | 176 | 2.6% |
| SAN JOAQUIN | 12,410 | 12,005 | 96.7% | 176 | 1.4% | 26 | 0.2% | 154 | 1.2% | 49 | 0.4% |
| SAN LUIS OBISPO | 3,012 | 2,852 | 94.7% | 54 | 1.8% | 68 | 2.3% | 25 | 0.8% | 13 | 0.4% |
| SAN MATEO | 9,275 | 8,958 | 96.6% | 105 | 1.1% | 49 | 0.5% | 4 | 0.0% | 159 | 1.7% |
| SANTA BARBARA | 6,273 | 6,069 | 96.7% | 78 | 1.2% | 72 | 1.1% | 44 | 0.7% | 10 | 0.2% |
| SANTA CLARA | 25,505 | 24,817 | 97.3% | 258 | 1.0% | 129 | 0.5% | 45 | 0.2% | 256 | 1.0% |
| SANTA CRUZ | 3,579 | 3,252 | 90.9% | 66 | 1.8% | 97 | 2.7% | 144 | 4.0% | 20 | 0.6% |
| SHASTA | 2,466 | 2,165 | 87.8% | 91 | 3.7% | 75 | 3.0% | 87 | 3.5% | 48 | 1.9% |
| SIERRA | 36 | 35 | 97.2% | 0 | 0.0% | 0 | 0.0% | 1 | 2.8% | 0 | 0.0% |
| SISKIYOU | 561 | 499 | 88.9% | 18 | 3.2% | 8 | 1.4% | 28 | 5.0% | 8 | 1.4% |
| SOLANO | 5,933 | 5,786 | 97.5% | 103 | 1.7% | 22 | 0.4% | 12 | 0.2% | 10 | 0.2% |
| SONOMA | 6,343 | 5,793 | 91.3% | 152 | 2.4% | 213 | 3.4% | 98 | 1.5% | 87 | 1.4% |
| STANISLAUS | 9,346 | 8,959 | 95.9% | 162 | 1.7% | 66 | 0.7% | 106 | 1.1% | 53 | 0.6% |
| SUTTER | 2,310 | 1,660 | 71.9% | 14 | 0.6% | 28 | 1.2% | 588 | 25.5% | 20 | 0.9% |
| TEHAMA | 983 | 923 | 93.9% | 29 | 3.0% | 8 | 0.8% | 15 | 1.5% | 8 | 0.8% |
| TRINITY | 124 | 113 | 91.1% | 4 | 3.2% | 4 | 3.2% | 1 | 0.8% | 2 | 1.6% |
| TULARE | 9,105 | 8,936 | 98.1% | 98 | 1.1% | 22 | 0.2% | 35 | 0.4% | 14 | 0.2% |
| TUOLUMNE | 614 | 537 | 87.5% | 24 | 3.9% | 20 | 3.3% | 16 | 2.6% | 17 | 2.8% |
| VENTURA | 11,814 | 11,353 | 96.1% | 179 | 1.5% | 140 | 1.2% | 86 | 0.7% | 56 | 0.5% |
| YOLO | 2,907 | 2,779 | 95.6% | 83 | 2.9% | 35 | 1.2% | 7 | 0.2% | 3 | 0.1% |
| YUBA | 1,404 | 1,299 | 92.5% | 30 | 2.1% | 6 | 0.4% | 22 | 1.6% | 47 | 3.3% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 4: TOTAL ENROLLMENT AND ADMISSION STATUS, 2018-2019 AND 2017-2018,
BY COUNTY

| | SCHOOL YEAR | TOTAL STUDENTS | STUDENTS WITH ALL REQUIRED IMMUNIZATIONS | CONDITIONAL ENTRANTS | STUDENTS WITH PME | OTHERS LACKING REQUIRED IMMUNIZATIONS† | OVERDUE^ |
|--------------|-------------|----------------|--|----------------------|-------------------|--|----------|
| | | NUMBER | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT |
| STATE TOTAL | 2018-19 | 555,735 | 94.8% | 1.7% | 0.9% | 1.5% | 1.1% |
| | 2017-18 | 564,121 | 95.1% | 1.8% | 0.7% | 1.1% | 1.2% |
| ALAMEDA | 2018-19 | 21,818 | 96.6% | 1.1% | 0.6% | 0.2% | 1.5% |
| | 2017-18 | 22,307 | 97.1% | 1.2% | 0.4% | 0.2% | 1.1% |
| ALPINE | 2018-19 | 10 | --* | --* | --* | --* | --* |
| | 2017-18 | 6 | --* | --* | --* | --* | --* |
| AMADOR | 2018-19 | 279 | 91.8% | 3.9% | 1.1% | 2.9% | 0.4% |
| | 2017-18 | 376 | 91.8% | 4.5% | 1.6% | 1.1% | 1.1% |
| BUTTE | 2018-19 | 2,822 | 94.2% | 2.6% | 1.2% | 1.6% | 0.4% |
| | 2017-18 | 2,899 | 94.5% | 2.5% | 1.0% | 1.7% | 0.3% |
| CALAVERAS | 2018-19 | 437 | 90.2% | 3.2% | 2.7% | 3.9% | 0.0% |
| | 2017-18 | 464 | 88.1% | 5.6% | 2.8% | 3.2% | 0.2% |
| COLUSA | 2018-19 | 360 | 97.5% | 2.5% | 0.0% | 0.0% | 0.0% |
| | 2017-18 | 414 | 98.6% | 1.0% | 0.0% | 0.0% | 0.5% |
| CONTRA COSTA | 2018-19 | 15,192 | 96.4% | 1.6% | 0.9% | 0.3% | 0.8% |
| | 2017-18 | 15,292 | 96.3% | 1.9% | 0.5% | 0.3% | 1.0% |
| DEL NORTE | 2018-19 | 382 | 94.2% | 1.8% | 1.0% | 2.1% | 0.8% |
| | 2017-18 | 368 | 97.8% | 1.6% | 0.3% | 0.3% | 0.0% |
| EL DORADO | 2018-19 | 2,453 | 87.8% | 3.2% | 3.8% | 5.1% | 0.1% |
| | 2017-18 | 2,360 | 89.6% | 3.6% | 2.0% | 4.8% | 0.0% |
| FRESNO | 2018-19 | 18,758 | 96.6% | 1.4% | 0.3% | 1.3% | 0.5% |
| | 2017-18 | 18,573 | 96.1% | 1.4% | 0.2% | 1.0% | 1.4% |
| GLENN | 2018-19 | 540 | 96.3% | 0.9% | 0.6% | 0.0% | 2.2% |
| | 2017-18 | 510 | 98.4% | 0.6% | 0.4% | 0.0% | 0.6% |
| HUMBOLDT | 2018-19 | 1,708 | 88.2% | 3.1% | 5.8% | 1.4% | 1.5% |
| | 2017-18 | 1,762 | 88.4% | 3.0% | 4.9% | 3.0% | 0.8% |
| IMPERIAL | 2018-19 | 3,134 | 97.3% | 1.9% | 0.2% | 0.3% | 0.4% |
| | 2017-18 | 3,362 | 97.8% | 0.7% | 0.2% | 0.2% | 1.1% |
| INYO | 2018-19 | 231 | 95.7% | 4.3% | 0.0% | 0.0% | 0.0% |
| | 2017-18 | 221 | 98.2% | 0.9% | 0.5% | 0.0% | 0.5% |
| KERN | 2018-19 | 18,110 | 91.1% | 2.6% | 0.3% | 5.5% | 0.5% |
| | 2017-18 | 17,580 | 92.5% | 1.9% | 0.4% | 0.4% | 4.7% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 4: TOTAL ENROLLMENT AND ADMISSION STATUS, 2018-2019 AND 2017-2018,
BY COUNTY

| | SCHOOL YEAR | TOTAL STUDENTS | STUDENTS WITH ALL REQUIRED IMMUNIZATIONS | CONDITIONAL ENTRANTS | STUDENTS WITH PME | OTHERS LACKING REQUIRED IMMUNIZATIONS† | OVERDUE^ |
|-------------|-------------|----------------|--|----------------------|-------------------|--|----------|
| | | NUMBER | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT |
| STATE TOTAL | 2018-19 | 555,735 | 94.8% | 1.7% | 0.9% | 1.5% | 1.1% |
| | 2017-18 | 564,121 | 95.1% | 1.8% | 0.7% | 1.1% | 1.2% |
| KINGS | 2018-19 | 2,686 | 97.5% | 1.7% | 0.2% | 0.1% | 0.5% |
| | 2017-18 | 2,678 | 97.7% | 1.8% | 0.1% | 0.0% | 0.4% |
| LAKE | 2018-19 | 848 | 92.3% | 5.1% | 1.4% | 0.1% | 1.1% |
| | 2017-18 | 850 | 93.9% | 3.9% | 1.2% | 0.7% | 0.4% |
| LASSEN | 2018-19 | 385 | 94.3% | 2.6% | 0.8% | 2.3% | 0.0% |
| | 2017-18 | 326 | 94.8% | 3.7% | 1.2% | 0.3% | 0.0% |
| LOS ANGELES | 2018-19 | 136,039 | 94.5% | 1.7% | 0.6% | 1.3% | 1.9% |
| | 2017-18 | 140,822 | 95.0% | 1.7% | 0.5% | 1.1% | 1.7% |
| MADERA | 2018-19 | 2,762 | 95.5% | 1.3% | 0.4% | 1.3% | 1.4% |
| | 2017-18 | 2,778 | 94.6% | 1.5% | 0.4% | 1.2% | 2.2% |
| MARIN | 2018-19 | 3,170 | 94.3% | 2.7% | 2.6% | 0.2% | 0.3% |
| | 2017-18 | 3,259 | 94.0% | 3.3% | 2.1% | 0.1% | 0.4% |
| MARIPOSA | 2018-19 | 156 | 91.0% | 6.4% | 1.3% | 1.3% | 0.0% |
| | 2017-18 | 150 | 90.0% | 4.7% | 1.3% | 2.0% | 2.0% |
| MENDOCINO | 2018-19 | 1,204 | 85.0% | 2.2% | 4.2% | 0.5% | 8.1% |
| | 2017-18 | 1,305 | 86.8% | 4.0% | 2.5% | 0.5% | 6.2% |
| MERCED | 2018-19 | 5,240 | 97.5% | 1.6% | 0.2% | 0.3% | 0.4% |
| | 2017-18 | 5,421 | 96.6% | 1.5% | 0.3% | 0.6% | 0.9% |
| MODOC | 2018-19 | 111 | 99.1% | 0.0% | 0.0% | 0.0% | 0.9% |
| | 2017-18 | 115 | 98.3% | 0.9% | 0.9% | 0.0% | 0.0% |
| MONO | 2018-19 | 150 | 90.7% | 4.0% | 2.7% | 0.0% | 2.7% |
| | 2017-18 | 166 | 89.8% | 5.4% | 4.2% | 0.0% | 0.6% |
| MONTEREY | 2018-19 | 6,926 | 97.5% | 1.2% | 0.8% | 0.0% | 0.6% |
| | 2017-18 | 7,161 | 96.9% | 1.5% | 0.7% | 0.1% | 0.8% |
| NAPA | 2018-19 | 1,429 | 94.5% | 2.9% | 1.7% | 0.5% | 0.3% |
| | 2017-18 | 1,768 | 95.0% | 2.4% | 1.8% | 0.3% | 0.5% |
| NEVADA | 2018-19 | 990 | 80.3% | 4.3% | 10.6% | 4.6% | 0.1% |
| | 2017-18 | 913 | 81.7% | 4.3% | 7.7% | 6.0% | 0.3% |
| ORANGE | 2018-19 | 41,734 | 95.7% | 1.8% | 1.1% | 0.7% | 0.7% |
| | 2017-18 | 42,375 | 95.7% | 2.2% | 0.9% | 0.6% | 0.6% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 4: TOTAL ENROLLMENT AND ADMISSION STATUS, 2018-2019 AND 2017-2018,
BY COUNTY

| | SCHOOL YEAR | TOTAL STUDENTS | STUDENTS WITH ALL REQUIRED IMMUNIZATIONS | CONDITIONAL ENTRANTS | STUDENTS WITH PME | OTHERS LACKING REQUIRED IMMUNIZATIONS† | OVERDUE^ |
|-----------------|-------------|----------------|--|----------------------|-------------------|--|----------|
| | | NUMBER | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT |
| STATE TOTAL | 2018-19 | 555,735 | 94.8% | 1.7% | 0.9% | 1.5% | 1.1% |
| | 2017-18 | 564,121 | 95.1% | 1.8% | 0.7% | 1.1% | 1.2% |
| PLACER | 2018-19 | 6,470 | 91.7% | 2.9% | 2.4% | 0.9% | 2.0% |
| | 2017-18 | 6,296 | 92.3% | 3.5% | 2.0% | 1.4% | 0.7% |
| PLUMAS | 2018-19 | 210 | 86.2% | 7.1% | 3.8% | 2.9% | 0.0% |
| | 2017-18 | 193 | 91.2% | 2.1% | 4.7% | 1.6% | 0.5% |
| RIVERSIDE | 2018-19 | 35,422 | 96.3% | 1.7% | 0.7% | 0.5% | 0.8% |
| | 2017-18 | 35,453 | 96.5% | 1.6% | 0.6% | 0.4% | 0.9% |
| SACRAMENTO | 2018-19 | 21,501 | 93.4% | 2.5% | 1.4% | 1.8% | 0.9% |
| | 2017-18 | 21,508 | 93.5% | 2.9% | 1.1% | 1.6% | 0.9% |
| SAN BENITO | 2018-19 | 1,052 | 97.0% | 1.3% | 0.2% | 0.0% | 1.5% |
| | 2017-18 | 1,019 | 98.3% | 0.9% | 0.8% | 0.0% | 0.0% |
| SAN BERNARDINO | 2018-19 | 33,920 | 95.1% | 1.9% | 0.4% | 1.6% | 0.8% |
| | 2017-18 | 33,825 | 96.5% | 1.7% | 0.3% | 0.9% | 0.7% |
| SAN DIEGO | 2018-19 | 46,256 | 92.5% | 1.7% | 1.3% | 4.0% | 0.5% |
| | 2017-18 | 47,174 | 93.2% | 1.9% | 1.2% | 3.0% | 0.7% |
| SAN FRANCISCO | 2018-19 | 6,840 | 95.7% | 1.0% | 0.7% | 0.0% | 2.6% |
| | 2017-18 | 6,701 | 94.9% | 1.8% | 0.7% | 0.0% | 2.7% |
| SAN JOAQUIN | 2018-19 | 12,410 | 96.7% | 1.4% | 0.2% | 1.2% | 0.4% |
| | 2017-18 | 12,582 | 96.3% | 1.4% | 0.3% | 0.8% | 1.1% |
| SAN LUIS OBISPO | 2018-19 | 3,012 | 94.7% | 1.8% | 2.3% | 0.8% | 0.4% |
| | 2017-18 | 3,074 | 94.8% | 2.5% | 1.5% | 0.6% | 0.6% |
| SAN MATEO | 2018-19 | 9,275 | 96.6% | 1.1% | 0.5% | 0.0% | 1.7% |
| | 2017-18 | 9,361 | 96.9% | 1.2% | 0.5% | 0.1% | 1.3% |
| SANTA BARBARA | 2018-19 | 6,273 | 96.7% | 1.2% | 1.1% | 0.7% | 0.2% |
| | 2017-18 | 6,632 | 96.5% | 1.5% | 1.0% | 0.7% | 0.3% |
| SANTA CLARA | 2018-19 | 25,505 | 97.3% | 1.0% | 0.5% | 0.2% | 1.0% |
| | 2017-18 | 26,410 | 96.7% | 1.2% | 0.5% | 0.1% | 1.5% |
| SANTA CRUZ | 2018-19 | 3,579 | 90.9% | 1.8% | 2.7% | 4.0% | 0.6% |
| | 2017-18 | 3,565 | 90.4% | 2.2% | 2.7% | 4.1% | 0.6% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 4: TOTAL ENROLLMENT AND ADMISSION STATUS, 2018-2019 AND 2017-2018,
BY COUNTY

| | SCHOOL YEAR | TOTAL STUDENTS | STUDENTS WITH ALL REQUIRED IMMUNIZATIONS | CONDITIONAL ENTRANTS | STUDENTS WITH PME | OTHERS LACKING REQUIRED IMMUNIZATIONS† | OVERDUE^ |
|-------------|-------------|----------------|--|----------------------|-------------------|--|----------|
| | | NUMBER | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT |
| STATE TOTAL | 2018-19 | 555,735 | 94.8% | 1.7% | 0.9% | 1.5% | 1.1% |
| | 2017-18 | 564,121 | 95.1% | 1.8% | 0.7% | 1.1% | 1.2% |
| SHASTA | 2018-19 | 2,466 | 87.8% | 3.7% | 3.0% | 3.5% | 1.9% |
| | 2017-18 | 2,526 | 90.1% | 5.1% | 1.8% | 2.7% | 0.3% |
| SIERRA | 2018-19 | 36 | 97.2% | 0.0% | 0.0% | 2.8% | 0.0% |
| | 2017-18 | 39 | 94.9% | 2.6% | 2.6% | 0.0% | 0.0% |
| SISKIYOU | 2018-19 | 561 | 88.9% | 3.2% | 1.4% | 5.0% | 1.4% |
| | 2017-18 | 564 | 90.2% | 3.4% | 1.1% | 3.9% | 1.4% |
| SOLANO | 2018-19 | 5,933 | 97.5% | 1.7% | 0.4% | 0.2% | 0.2% |
| | 2017-18 | 5,534 | 97.6% | 1.7% | 0.3% | 0.1% | 0.3% |
| SONOMA | 2018-19 | 6,343 | 91.3% | 2.4% | 3.4% | 1.5% | 1.4% |
| | 2017-18 | 6,645 | 91.8% | 2.6% | 2.7% | 1.8% | 1.2% |
| STANISLAUS | 2018-19 | 9,346 | 95.9% | 1.7% | 0.7% | 1.1% | 0.6% |
| | 2017-18 | 8,858 | 96.0% | 2.1% | 0.7% | 0.3% | 0.9% |
| SUTTER | 2018-19 | 2,310 | 71.9% | 0.6% | 1.2% | 25.5% | 0.9% |
| | 2017-18 | 2,152 | 78.2% | 0.9% | 0.5% | 19.8% | 0.6% |
| TEHAMA | 2018-19 | 983 | 93.9% | 3.0% | 0.8% | 1.5% | 0.8% |
| | 2017-18 | 1,033 | 95.7% | 2.4% | 0.7% | 0.8% | 0.4% |
| TRINITY | 2018-19 | 124 | 91.1% | 3.2% | 3.2% | 0.8% | 1.6% |
| | 2017-18 | 71 | 84.5% | 4.2% | 7.0% | 2.8% | 1.4% |
| TULARE | 2018-19 | 9,105 | 98.1% | 1.1% | 0.2% | 0.4% | 0.2% |
| | 2017-18 | 9,450 | 98.3% | 0.9% | 0.2% | 0.4% | 0.2% |
| TUOLUMNE | 2018-19 | 614 | 87.5% | 3.9% | 3.3% | 2.6% | 2.8% |
| | 2017-18 | 620 | 86.5% | 6.6% | 1.1% | 2.4% | 3.4% |
| VENTURA | 2018-19 | 11,814 | 96.1% | 1.5% | 1.2% | 0.7% | 0.5% |
| | 2017-18 | 12,056 | 95.9% | 1.7% | 1.0% | 0.8% | 0.6% |
| YOLO | 2018-19 | 2,907 | 95.6% | 2.9% | 1.2% | 0.2% | 0.1% |
| | 2017-18 | 2,779 | 94.5% | 4.0% | 1.0% | 0.1% | 0.4% |
| YUBA | 2018-19 | 1,404 | 92.5% | 2.1% | 0.4% | 1.6% | 3.3% |
| | 2017-18 | 1,420 | 92.0% | 2.5% | 0.1% | 1.7% | 3.7% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019

TABLE 5: NUMBER AND PERCENTAGE OF STUDENTS WITH ALL REQUIRED IMMUNIZATIONS IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|--------------|----------------|--|---------|----------------|--|---------|--------------------------------|--|
| | TOTAL STUDENTS | NUMBER WITH ALL REQUIRED IMMUNIZATIONS | PERCENT | TOTAL STUDENTS | NUMBER WITH ALL REQUIRED IMMUNIZATIONS | PERCENT | PERCENT | NUMBER WITH ALL REQUIRED IMMUNIZATIONS |
| STATE TOTAL | 555,735 | 526,923 | 94.8% | 564,121 | 536,642 | 95.1% | -0.3% | -9,719 |
| COUNTY | | | | | | | | |
| ALAMEDA | 21,818 | 21,078 | 96.6% | 22,307 | 21,671 | 97.1% | -0.5% | -593 |
| ALPINE | 10 | <20* | --* | 6 | <20* | --* | --* | --* |
| AMADOR | 279 | 256 | 91.8% | 376 | 345 | 91.8% | 0.0% | -89 |
| BUTTE | 2,822 | 2,657 | 94.2% | 2,899 | 2,739 | 94.5% | -0.3% | -82 |
| CALAVERAS | 437 | 394 | 90.2% | 464 | 409 | 88.1% | 2.0% | -15 |
| COLUSA | 360 | 351 | 97.5% | 414 | 408 | 98.6% | -1.1% | -57 |
| CONTRA COSTA | 15,192 | 14,644 | 96.4% | 15,292 | 14,728 | 96.3% | 0.1% | -84 |
| DEL NORTE | 382 | 360 | 94.2% | 368 | 360 | 97.8% | -3.6% | 0 |
| EL DORADO | 2,453 | 2,153 | 87.8% | 2,360 | 2,114 | 89.6% | -1.8% | 39 |
| FRESNO | 18,758 | 18,113 | 96.6% | 18,573 | 17,845 | 96.1% | 0.5% | 268 |
| GLENN | 540 | 520 | 96.3% | 510 | 502 | 98.4% | -2.1% | 18 |
| HUMBOLDT | 1,708 | 1,507 | 88.2% | 1,762 | 1,557 | 88.4% | -0.1% | -50 |
| IMPERIAL | 3,134 | 3,049 | 97.3% | 3,362 | 3,287 | 97.8% | -0.5% | -238 |
| INYO | 231 | 221 | 95.7% | 221 | 217 | 98.2% | -2.5% | 4 |
| KERN | 18,110 | 16,495 | 91.1% | 17,580 | 16,267 | 92.5% | -1.4% | 228 |
| KINGS | 2,686 | 2,620 | 97.5% | 2,678 | 2,616 | 97.7% | -0.1% | 4 |
| LAKE | 848 | 783 | 92.3% | 850 | 798 | 93.9% | -1.5% | -15 |
| LASSEN | 385 | 363 | 94.3% | 326 | 309 | 94.8% | -0.5% | 54 |
| LOS ANGELES | 136,039 | 128,618 | 94.5% | 140,822 | 133,718 | 95.0% | -0.4% | -5,100 |
| MADERA | 2,762 | 2,637 | 95.5% | 2,778 | 2,629 | 94.6% | 0.8% | 8 |
| MARIN | 3,170 | 2,989 | 94.3% | 3,259 | 3,064 | 94.0% | 0.3% | -75 |
| MARIPOSA | 156 | 142 | 91.0% | 150 | 135 | 90.0% | 1.0% | 7 |
| MENDOCINO | 1,204 | 1,024 | 85.0% | 1,305 | 1,133 | 86.8% | -1.8% | -109 |
| MERCED | 5,240 | 5,109 | 97.5% | 5,421 | 5,239 | 96.6% | 0.9% | -130 |
| MODOC | 111 | 110 | 99.1% | 115 | 113 | 98.3% | 0.8% | -3 |
| MONO | 150 | 136 | 90.7% | 166 | 149 | 89.8% | 0.9% | -13 |
| MONTEREY | 6,926 | 6,750 | 97.5% | 7,161 | 6,939 | 96.9% | 0.6% | -189 |
| NAPA | 1,429 | 1,350 | 94.5% | 1,768 | 1,680 | 95.0% | -0.6% | -330 |
| NEVADA | 990 | 795 | 80.3% | 913 | 746 | 81.7% | -1.4% | 49 |

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019

TABLE 5: NUMBER AND PERCENTAGE OF STUDENTS WITH ALL REQUIRED IMMUNIZATIONS IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|-----------------|----------------|--|---------|----------------|--|---------|--------------------------------|--|
| | TOTAL STUDENTS | NUMBER WITH ALL REQUIRED IMMUNIZATIONS | PERCENT | TOTAL STUDENTS | NUMBER WITH ALL REQUIRED IMMUNIZATIONS | PERCENT | PERCENT | NUMBER WITH ALL REQUIRED IMMUNIZATIONS |
| STATE TOTAL | 555,735 | 526,923 | 94.8% | 564,121 | 536,642 | 95.1% | -0.3% | -9,719 |
| COUNTY | | | | | | | | |
| ORANGE | 41,734 | 39,951 | 95.7% | 42,375 | 40,537 | 95.7% | 0.1% | -586 |
| PLACER | 6,470 | 5,936 | 91.7% | 6,296 | 5,814 | 92.3% | -0.6% | 122 |
| PLUMAS | 210 | 181 | 86.2% | 193 | 176 | 91.2% | -5.0% | 5 |
| RIVERSIDE | 35,422 | 34,104 | 96.3% | 35,453 | 34,206 | 96.5% | -0.2% | -102 |
| SACRAMENTO | 21,501 | 20,087 | 93.4% | 21,508 | 20,101 | 93.5% | 0.0% | -14 |
| SAN BENITO | 1,052 | 1,020 | 97.0% | 1,019 | 1,002 | 98.3% | -1.4% | 18 |
| SAN BERNARDINO | 33,920 | 32,266 | 95.1% | 33,825 | 32,638 | 96.5% | -1.4% | -372 |
| SAN DIEGO | 46,256 | 42,807 | 92.5% | 47,174 | 43,967 | 93.2% | -0.7% | -1,160 |
| SAN FRANCISCO | 6,840 | 6,547 | 95.7% | 6,701 | 6,356 | 94.9% | 0.9% | 191 |
| SAN JOAQUIN | 12,410 | 12,005 | 96.7% | 12,582 | 12,118 | 96.3% | 0.4% | -113 |
| SAN LUIS OBISPO | 3,012 | 2,852 | 94.7% | 3,074 | 2,913 | 94.8% | -0.1% | -61 |
| SAN MATEO | 9,275 | 8,958 | 96.6% | 9,361 | 9,073 | 96.9% | -0.3% | -115 |
| SANTA BARBARA | 6,273 | 6,069 | 96.7% | 6,632 | 6,402 | 96.5% | 0.2% | -333 |
| SANTA CLARA | 25,505 | 24,817 | 97.3% | 26,410 | 25,529 | 96.7% | 0.6% | -712 |
| SANTA CRUZ | 3,579 | 3,252 | 90.9% | 3,565 | 3,223 | 90.4% | 0.5% | 29 |
| SHASTA | 2,466 | 2,165 | 87.8% | 2,526 | 2,276 | 90.1% | -2.3% | -111 |
| SIERRA | 36 | 35 | 97.2% | 39 | 37 | 94.9% | 2.4% | -2 |
| SISKIYOU | 561 | 499 | 88.9% | 564 | 509 | 90.2% | -1.3% | -10 |
| SOLANO | 5,933 | 5,786 | 97.5% | 5,534 | 5,400 | 97.6% | -0.1% | 386 |
| SONOMA | 6,343 | 5,793 | 91.3% | 6,645 | 6,097 | 91.8% | -0.4% | -304 |
| STANISLAUS | 9,346 | 8,959 | 95.9% | 8,858 | 8,503 | 96.0% | -0.1% | 456 |
| SUTTER | 2,310 | 1,660 | 71.9% | 2,152 | 1,682 | 78.2% | -6.3% | -22 |
| TEHAMA | 983 | 923 | 93.9% | 1,033 | 989 | 95.7% | -1.8% | -66 |
| TRINITY | 124 | 113 | 91.1% | 71 | 60 | 84.5% | 6.6% | 53 |
| TULARE | 9,105 | 8,936 | 98.1% | 9,450 | 9,286 | 98.3% | -0.1% | -350 |
| TUOLUMNE | 614 | 537 | 87.5% | 620 | 536 | 86.5% | 1.0% | 1 |
| VENTURA | 11,814 | 11,353 | 96.1% | 12,056 | 11,557 | 95.9% | 0.2% | -204 |
| YOLO | 2,907 | 2,779 | 95.6% | 2,779 | 2,626 | 94.5% | 1.1% | 153 |
| YUBA | 1,404 | 1,299 | 92.5% | 1,420 | 1,306 | 92.0% | 0.5% | -7 |

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 6: NUMBER AND PERCENTAGE OF CONDITIONAL ENTRANTS IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|--------------|-----------|----------------------|---------|-----------|----------------------|---------|--------------------------------|----------------------|
| | TOTAL | CONDITIONAL ENTRANTS | PERCENT | TOTAL | CONDITIONAL ENTRANTS | PERCENT | PERCENT | CONDITIONAL ENTRANTS |
| STATE TOTAL | 555,735 | 9,599 | 1.7% | 564,121 | 10,371 | 1.8% | -0.1% | -772 |
| COUNTY | | | | | | | | |
| ALAMEDA | 21,818 | 231 | 1.1% | 22,307 | 259 | 1.2% | -0.1% | -28 |
| ALPINE | 10 | <20* | --* | 6 | <20* | --* | --* | --* |
| AMADOR | 279 | 11 | 3.9% | 376 | 17 | 4.5% | -0.6% | -6 |
| BUTTE | 2,822 | 73 | 2.6% | 2,899 | 72 | 2.5% | 0.1% | 1 |
| CALAVERAS | 437 | 14 | 3.2% | 464 | 26 | 5.6% | -2.4% | -12 |
| COLUSA | 360 | 9 | 2.5% | 414 | 4 | 1.0% | 1.5% | 5 |
| CONTRA COSTA | 15,192 | 247 | 1.6% | 15,292 | 297 | 1.9% | -0.3% | -50 |
| DEL NORTE | 382 | 7 | 1.8% | 368 | 6 | 1.6% | 0.2% | 1 |
| EL DORADO | 2,453 | 78 | 3.2% | 2,360 | 85 | 3.6% | -0.4% | -7 |
| FRESNO | 18,758 | 256 | 1.4% | 18,573 | 254 | 1.4% | 0.0% | 2 |
| GLENN | 540 | 5 | 0.9% | 510 | 3 | 0.6% | 0.3% | 2 |
| HUMBOLDT | 1,708 | 53 | 3.1% | 1,762 | 53 | 3.0% | 0.1% | 0 |
| IMPERIAL | 3,134 | 58 | 1.9% | 3,362 | 24 | 0.7% | 1.1% | 34 |
| INYO | 231 | 10 | 4.3% | 221 | 2 | 0.9% | 3.4% | 8 |
| KERN | 18,110 | 474 | 2.6% | 17,580 | 338 | 1.9% | 0.7% | 136 |
| KINGS | 2,686 | 45 | 1.7% | 2,678 | 48 | 1.8% | -0.1% | -3 |
| LAKE | 848 | 43 | 5.1% | 850 | 33 | 3.9% | 1.2% | 10 |
| LASSEN | 385 | 10 | 2.6% | 326 | 12 | 3.7% | -1.1% | -2 |
| LOS ANGELES | 136,039 | 2,252 | 1.7% | 140,822 | 2,390 | 1.7% | 0.0% | -138 |
| MADERA | 2,762 | 36 | 1.3% | 2,778 | 42 | 1.5% | -0.2% | -6 |
| MARIN | 3,170 | 85 | 2.7% | 3,259 | 109 | 3.3% | -0.7% | -24 |
| MARIPOSA | 156 | 10 | 6.4% | 150 | 7 | 4.7% | 1.7% | 3 |
| MENDOCINO | 1,204 | 27 | 2.2% | 1,305 | 52 | 4.0% | -1.7% | -25 |
| MERCED | 5,240 | 83 | 1.6% | 5,421 | 84 | 1.5% | 0.0% | -1 |
| MODOC | 111 | 0 | 0.0% | 115 | 1 | 0.9% | -0.9% | -1 |
| MONO | 150 | 6 | 4.0% | 166 | 9 | 5.4% | -1.4% | -3 |
| MONTEREY | 6,926 | 81 | 1.2% | 7,161 | 108 | 1.5% | -0.3% | -27 |
| NAPA | 1,429 | 42 | 2.9% | 1,768 | 42 | 2.4% | 0.6% | 0 |
| NEVADA | 990 | 43 | 4.3% | 913 | 39 | 4.3% | 0.1% | 4 |

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 6: NUMBER AND PERCENTAGE OF CONDITIONAL ENTRANTS IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|-----------------|-----------|----------------------|---------|-----------|----------------------|---------|--------------------------------|----------------------|
| | TOTAL | CONDITIONAL ENTRANTS | PERCENT | TOTAL | CONDITIONAL ENTRANTS | PERCENT | PERCENT | CONDITIONAL ENTRANTS |
| STATE TOTAL | 555,735 | 9,599 | 1.7% | 564,121 | 10,371 | 1.8% | -0.1% | -772 |
| COUNTY | | | | | | | | |
| ORANGE | 41,734 | 741 | 1.8% | 42,375 | 948 | 2.2% | -0.5% | -207 |
| PLACER | 6,470 | 190 | 2.9% | 6,296 | 220 | 3.5% | -0.6% | -30 |
| PLUMAS | 210 | 15 | 7.1% | 193 | 4 | 2.1% | 5.1% | 11 |
| RIVERSIDE | 35,422 | 598 | 1.7% | 35,453 | 569 | 1.6% | 0.1% | 29 |
| SACRAMENTO | 21,501 | 527 | 2.5% | 21,508 | 631 | 2.9% | -0.5% | -104 |
| SAN BENITO | 1,052 | 14 | 1.3% | 1,019 | 9 | 0.9% | 0.4% | 5 |
| SAN BERNARDINO | 33,920 | 660 | 1.9% | 33,825 | 560 | 1.7% | 0.3% | 100 |
| SAN DIEGO | 46,256 | 770 | 1.7% | 47,174 | 899 | 1.9% | -0.2% | -129 |
| SAN FRANCISCO | 6,840 | 71 | 1.0% | 6,701 | 119 | 1.8% | -0.7% | -48 |
| SAN JOAQUIN | 12,410 | 176 | 1.4% | 12,582 | 179 | 1.4% | 0.0% | -3 |
| SAN LUIS OBISPO | 3,012 | 54 | 1.8% | 3,074 | 78 | 2.5% | -0.7% | -24 |
| SAN MATEO | 9,275 | 105 | 1.1% | 9,361 | 116 | 1.2% | -0.1% | -11 |
| SANTA BARBARA | 6,273 | 78 | 1.2% | 6,632 | 101 | 1.5% | -0.3% | -23 |
| SANTA CLARA | 25,505 | 258 | 1.0% | 26,410 | 322 | 1.2% | -0.2% | -64 |
| SANTA CRUZ | 3,579 | 66 | 1.8% | 3,565 | 79 | 2.2% | -0.4% | -13 |
| SHASTA | 2,466 | 91 | 3.7% | 2,526 | 130 | 5.1% | -1.5% | -39 |
| SIERRA | 36 | 0 | 0.0% | 39 | 1 | 2.6% | -2.6% | -1 |
| SISKIYOU | 561 | 18 | 3.2% | 564 | 19 | 3.4% | -0.2% | -1 |
| SOLANO | 5,933 | 103 | 1.7% | 5,534 | 92 | 1.7% | 0.1% | 11 |
| SONOMA | 6,343 | 152 | 2.4% | 6,645 | 171 | 2.6% | -0.2% | -19 |
| STANISLAUS | 9,346 | 162 | 1.7% | 8,858 | 182 | 2.1% | -0.3% | -20 |
| SUTTER | 2,310 | 14 | 0.6% | 2,152 | 20 | 0.9% | -0.3% | -6 |
| TEHAMA | 983 | 29 | 3.0% | 1,033 | 25 | 2.4% | 0.5% | 4 |
| TRINITY | 124 | 4 | 3.2% | 71 | 3 | 4.2% | -1.0% | 1 |
| TULARE | 9,105 | 98 | 1.1% | 9,450 | 84 | 0.9% | 0.2% | 14 |
| TUOLUMNE | 614 | 24 | 3.9% | 620 | 41 | 6.6% | -2.7% | -17 |
| VENTURA | 11,814 | 179 | 1.5% | 12,056 | 206 | 1.7% | -0.2% | -27 |
| YOLO | 2,907 | 83 | 2.9% | 2,779 | 111 | 4.0% | -1.1% | -28 |
| YUBA | 1,404 | 30 | 2.1% | 1,420 | 36 | 2.5% | -0.4% | -6 |

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 7: NUMBER AND PERCENTAGE OF STUDENTS WITH A PERMANENT MEDICAL EXEMPTION (PME) IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|--------------|----------------|-------|---------|----------------|-------|---------|--------------------------------|------------|
| | TOTAL STUDENTS | PME | PERCENT | TOTAL STUDENTS | PME | PERCENT | PERCENT | NUMBER PME |
| STATE TOTAL | 555,735 | 4,812 | 0.9% | 564,121 | 4,116 | 0.7% | 0.1% | 696 |
| COUNTY | | | | | | | | |
| ALAMEDA | 21,818 | 132 | 0.6% | 22,307 | 97 | 0.4% | 0.2% | 35 |
| ALPINE | 10 | <20* | --* | 6 | <20* | --* | --* | --* |
| AMADOR | 279 | 3 | 1.1% | 376 | 6 | 1.6% | -0.5% | -3 |
| BUTTE | 2,822 | 34 | 1.2% | 2,899 | 30 | 1.0% | 0.2% | 4 |
| CALAVERAS | 437 | 12 | 2.7% | 464 | 13 | 2.8% | -0.1% | -1 |
| COLUSA | 360 | 0 | 0.0% | 414 | 0 | 0.0% | 0.0% | 0 |
| CONTRA COSTA | 15,192 | 132 | 0.9% | 15,292 | 73 | 0.5% | 0.4% | 59 |
| DEL NORTE | 382 | 4 | 1.0% | 368 | 1 | 0.3% | 0.8% | 3 |
| EL DORADO | 2,453 | 93 | 3.8% | 2,360 | 47 | 2.0% | 1.8% | 46 |
| FRESNO | 18,758 | 52 | 0.3% | 18,573 | 44 | 0.2% | 0.0% | 8 |
| GLENN | 540 | 3 | 0.6% | 510 | 2 | 0.4% | 0.2% | 1 |
| HUMBOLDT | 1,708 | 99 | 5.8% | 1,762 | 86 | 4.9% | 0.9% | 13 |
| IMPERIAL | 3,134 | 6 | 0.2% | 3,362 | 6 | 0.2% | 0.0% | 0 |
| INYO | 231 | 0 | 0.0% | 221 | 1 | 0.5% | -0.5% | -1 |
| KERN | 18,110 | 57 | 0.3% | 17,580 | 69 | 0.4% | -0.1% | -12 |
| KINGS | 2,686 | 5 | 0.2% | 2,678 | 3 | 0.1% | 0.1% | 2 |
| LAKE | 848 | 12 | 1.4% | 850 | 10 | 1.2% | 0.2% | 2 |
| LASSEN | 385 | 3 | 0.8% | 326 | 4 | 1.2% | -0.4% | -1 |
| LOS ANGELES | 136,039 | 783 | 0.6% | 140,822 | 711 | 0.5% | 0.1% | 72 |
| MADERA | 2,762 | 12 | 0.4% | 2,778 | 12 | 0.4% | 0.0% | 0 |
| MARIN | 3,170 | 82 | 2.6% | 3,259 | 68 | 2.1% | 0.5% | 14 |
| MARIPOSA | 156 | 2 | 1.3% | 150 | 2 | 1.3% | -0.1% | 0 |
| MENDOCINO | 1,204 | 50 | 4.2% | 1,305 | 32 | 2.5% | 1.7% | 18 |
| MERCED | 5,240 | 8 | 0.2% | 5,421 | 15 | 0.3% | -0.1% | -7 |
| MODOC | 111 | 0 | 0.0% | 115 | 1 | 0.9% | -0.9% | -1 |
| MONO | 150 | 4 | 2.7% | 166 | 7 | 4.2% | -1.6% | -3 |
| MONTEREY | 6,926 | 52 | 0.8% | 7,161 | 50 | 0.7% | 0.1% | 2 |
| NAPA | 1,429 | 25 | 1.7% | 1,768 | 31 | 1.8% | 0.0% | -6 |
| NEVADA | 990 | 105 | 10.6% | 913 | 70 | 7.7% | 2.9% | 35 |

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 7: NUMBER AND PERCENTAGE OF STUDENTS WITH A PERMANENT MEDICAL EXEMPTION (PME) IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|-----------------|----------------|-------|---------|----------------|-------|---------|--------------------------------|------------|
| | TOTAL STUDENTS | PME | PERCENT | TOTAL STUDENTS | PME | PERCENT | PERCENT | NUMBER PME |
| STATE TOTAL | 555,735 | 4,812 | 0.9% | 564,121 | 4,116 | 0.7% | 0.1% | 696 |
| COUNTY | | | | | | | | |
| ORANGE | 41,734 | 456 | 1.1% | 42,375 | 384 | 0.9% | 0.2% | 72 |
| PLACER | 6,470 | 155 | 2.4% | 6,296 | 127 | 2.0% | 0.4% | 28 |
| PLUMAS | 210 | 8 | 3.8% | 193 | 9 | 4.7% | -0.9% | -1 |
| RIVERSIDE | 35,422 | 232 | 0.7% | 35,453 | 208 | 0.6% | 0.1% | 24 |
| SACRAMENTO | 21,501 | 309 | 1.4% | 21,508 | 235 | 1.1% | 0.3% | 74 |
| SAN BENITO | 1,052 | 2 | 0.2% | 1,019 | 8 | 0.8% | -0.6% | -6 |
| SAN BERNARDINO | 33,920 | 147 | 0.4% | 33,825 | 91 | 0.3% | 0.2% | 56 |
| SAN DIEGO | 46,256 | 599 | 1.3% | 47,174 | 576 | 1.2% | 0.1% | 23 |
| SAN FRANCISCO | 6,840 | 46 | 0.7% | 6,701 | 48 | 0.7% | 0.0% | -2 |
| SAN JOAQUIN | 12,410 | 26 | 0.2% | 12,582 | 41 | 0.3% | -0.1% | -15 |
| SAN LUIS OBISPO | 3,012 | 68 | 2.3% | 3,074 | 46 | 1.5% | 0.8% | 22 |
| SAN MATEO | 9,275 | 49 | 0.5% | 9,361 | 44 | 0.5% | 0.1% | 5 |
| SANTA BARBARA | 6,273 | 72 | 1.1% | 6,632 | 66 | 1.0% | 0.2% | 6 |
| SANTA CLARA | 25,505 | 129 | 0.5% | 26,410 | 129 | 0.5% | 0.0% | 0 |
| SANTA CRUZ | 3,579 | 97 | 2.7% | 3,565 | 95 | 2.7% | 0.0% | 2 |
| SHASTA | 2,466 | 75 | 3.0% | 2,526 | 46 | 1.8% | 1.2% | 29 |
| SIERRA | 36 | 0 | 0.0% | 39 | 1 | 2.6% | -2.6% | -1 |
| SISKIYOU | 561 | 8 | 1.4% | 564 | 6 | 1.1% | 0.4% | 2 |
| SOLANO | 5,933 | 22 | 0.4% | 5,534 | 17 | 0.3% | 0.1% | 5 |
| SONOMA | 6,343 | 213 | 3.4% | 6,645 | 182 | 2.7% | 0.6% | 31 |
| STANISLAUS | 9,346 | 66 | 0.7% | 8,858 | 64 | 0.7% | 0.0% | 2 |
| SUTTER | 2,310 | 28 | 1.2% | 2,152 | 11 | 0.5% | 0.7% | 17 |
| TEHAMA | 983 | 8 | 0.8% | 1,033 | 7 | 0.7% | 0.1% | 1 |
| TRINITY | 124 | 4 | 3.2% | 71 | 5 | 7.0% | -3.8% | -1 |
| TULARE | 9,105 | 22 | 0.2% | 9,450 | 21 | 0.2% | 0.0% | 1 |
| TUOLUMNE | 614 | 20 | 3.3% | 620 | 7 | 1.1% | 2.1% | 13 |
| VENTURA | 11,814 | 140 | 1.2% | 12,056 | 120 | 1.0% | 0.2% | 20 |
| YOLO | 2,907 | 35 | 1.2% | 2,779 | 29 | 1.0% | 0.2% | 6 |
| YUBA | 1,404 | 6 | 0.4% | 1,420 | 2 | 0.1% | 0.3% | 4 |

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019

TABLE 8: NUMBER AND PERCENTAGE OF OTHER STUDENTS LACKING REQUIRED IMMUNIZATIONS† IN 2018-2019 AND 2017-2018, AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|--------------|----------------|--|---------|----------------|--|---------|--------------------------------|--|
| | TOTAL STUDENTS | OTHERS LACKING REQUIRED IMMUNIZATIONS† | PERCENT | TOTAL STUDENTS | OTHERS LACKING REQUIRED IMMUNIZATIONS† | PERCENT | PERCENT | OTHERS LACKING REQUIRED IMMUNIZATIONS† |
| STATE TOTAL | 555,735 | 8,318 | 1.5% | 564,121 | 6,072 | 1.1% | 0.4% | 2,246 |
| COUNTY | | | | | | | | |
| ALAMEDA | 21,818 | 41 | 0.2% | 22,307 | 35 | 0.2% | 0.0% | 6 |
| ALPINE | 10 | <20* | --* | 6 | <20* | --* | --* | --* |
| AMADOR | 279 | 8 | 2.9% | 376 | 4 | 1.1% | 1.8% | 4 |
| BUTTE | 2,822 | 46 | 1.6% | 2,899 | 49 | 1.7% | -0.1% | -3 |
| CALAVERAS | 437 | 17 | 3.9% | 464 | 15 | 3.2% | 0.7% | 2 |
| COLUSA | 360 | 0 | 0.0% | 414 | 0 | 0.0% | 0.0% | 0 |
| CONTRA COSTA | 15,192 | 40 | 0.3% | 15,292 | 42 | 0.3% | 0.0% | -2 |
| DEL NORTE | 382 | 8 | 2.1% | 368 | 1 | 0.3% | 1.8% | 7 |
| EL DORADO | 2,453 | 126 | 5.1% | 2,360 | 113 | 4.8% | 0.3% | 13 |
| FRESNO | 18,758 | 237 | 1.3% | 18,573 | 178 | 1.0% | 0.3% | 59 |
| GLENN | 540 | 0 | 0.0% | 510 | 0 | 0.0% | 0.0% | 0 |
| HUMBOLDT | 1,708 | 24 | 1.4% | 1,762 | 52 | 3.0% | -1.5% | -28 |
| IMPERIAL | 3,134 | 10 | 0.3% | 3,362 | 8 | 0.2% | 0.1% | 2 |
| INYO | 231 | 0 | 0.0% | 221 | 0 | 0.0% | 0.0% | 0 |
| KERN | 18,110 | 996 | 5.5% | 17,580 | 77 | 0.4% | 5.1% | 919 |
| KINGS | 2,686 | 2 | 0.1% | 2,678 | 0 | 0.0% | 0.1% | 2 |
| LAKE | 848 | 1 | 0.1% | 850 | 6 | 0.7% | -0.6% | -5 |
| LASSEN | 385 | 9 | 2.3% | 326 | 1 | 0.3% | 2.0% | 8 |
| LOS ANGELES | 136,039 | 1,746 | 1.3% | 140,822 | 1,601 | 1.1% | 0.1% | 145 |
| MADERA | 2,762 | 37 | 1.3% | 2,778 | 34 | 1.2% | 0.1% | 3 |
| MARIN | 3,170 | 6 | 0.2% | 3,259 | 4 | 0.1% | 0.1% | 2 |
| MARIPOSA | 156 | 2 | 1.3% | 150 | 3 | 2.0% | -0.7% | -1 |
| MENDOCINO | 1,204 | 6 | 0.5% | 1,305 | 7 | 0.5% | 0.0% | -1 |
| MERCED | 5,240 | 18 | 0.3% | 5,421 | 33 | 0.6% | -0.3% | -15 |
| MODOC | 111 | 0 | 0.0% | 115 | 0 | 0.0% | 0.0% | 0 |
| MONO | 150 | 0 | 0.0% | 166 | 0 | 0.0% | 0.0% | 0 |
| MONTEREY | 6,926 | 3 | 0.0% | 7,161 | 7 | 0.1% | -0.1% | -4 |
| NAPA | 1,429 | 7 | 0.5% | 1,768 | 6 | 0.3% | 0.2% | 1 |
| NEVADA | 990 | 46 | 4.6% | 913 | 55 | 6.0% | -1.4% | -9 |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019

TABLE 8: NUMBER AND PERCENTAGE OF OTHER STUDENTS LACKING REQUIRED IMMUNIZATIONS† IN 2018-2019 AND 2017-2018, AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|-----------------|----------------|--|---------|----------------|--|---------|--------------------------------|--|
| | TOTAL STUDENTS | OTHERS LACKING REQUIRED IMMUNIZATIONS† | PERCENT | TOTAL STUDENTS | OTHERS LACKING REQUIRED IMMUNIZATIONS† | PERCENT | PERCENT | OTHERS LACKING REQUIRED IMMUNIZATIONS† |
| STATE TOTAL | 555,735 | 8,318 | 1.5% | 564,121 | 6,072 | 1.1% | 0.4% | 2,246 |
| COUNTY | | | | | | | | |
| ORANGE | 41,734 | 310 | 0.7% | 42,375 | 235 | 0.6% | 0.2% | 75 |
| PLACER | 6,470 | 57 | 0.9% | 6,296 | 89 | 1.4% | -0.5% | -32 |
| PLUMAS | 210 | 6 | 2.9% | 193 | 3 | 1.6% | 1.3% | 3 |
| RIVERSIDE | 35,422 | 194 | 0.5% | 35,453 | 146 | 0.4% | 0.1% | 48 |
| SACRAMENTO | 21,501 | 395 | 1.8% | 21,508 | 343 | 1.6% | 0.2% | 52 |
| SAN BENITO | 1,052 | 0 | 0.0% | 1,019 | 0 | 0.0% | 0.0% | 0 |
| SAN BERNARDINO | 33,920 | 559 | 1.6% | 33,825 | 311 | 0.9% | 0.7% | 248 |
| SAN DIEGO | 46,256 | 1,843 | 4.0% | 47,174 | 1,401 | 3.0% | 1.0% | 442 |
| SAN FRANCISCO | 6,840 | 0 | 0.0% | 6,701 | 0 | 0.0% | 0.0% | 0 |
| SAN JOAQUIN | 12,410 | 154 | 1.2% | 12,582 | 106 | 0.8% | 0.4% | 48 |
| SAN LUIS OBISPO | 3,012 | 25 | 0.8% | 3,074 | 18 | 0.6% | 0.2% | 7 |
| SAN MATEO | 9,275 | 4 | 0.0% | 9,361 | 8 | 0.1% | 0.0% | -4 |
| SANTA BARBARA | 6,273 | 44 | 0.7% | 6,632 | 44 | 0.7% | 0.0% | 0 |
| SANTA CLARA | 25,505 | 45 | 0.2% | 26,410 | 33 | 0.1% | 0.1% | 12 |
| SANTA CRUZ | 3,579 | 144 | 4.0% | 3,565 | 145 | 4.1% | 0.0% | -1 |
| SHASTA | 2,466 | 87 | 3.5% | 2,526 | 67 | 2.7% | 0.9% | 20 |
| SIERRA | 36 | 1 | 2.8% | 39 | 0 | 0.0% | 2.8% | 1 |
| SISKIYOU | 561 | 28 | 5.0% | 564 | 22 | 3.9% | 1.1% | 6 |
| SOLANO | 5,933 | 12 | 0.2% | 5,534 | 7 | 0.1% | 0.1% | 5 |
| SONOMA | 6,343 | 98 | 1.5% | 6,645 | 117 | 1.8% | -0.2% | -19 |
| STANISLAUS | 9,346 | 106 | 1.1% | 8,858 | 29 | 0.3% | 0.8% | 77 |
| SUTTER | 2,310 | 588 | 25.5% | 2,152 | 426 | 19.8% | 5.7% | 162 |
| TEHAMA | 983 | 15 | 1.5% | 1,033 | 8 | 0.8% | 0.8% | 7 |
| TRINITY | 124 | 1 | 0.8% | 71 | 2 | 2.8% | -2.0% | -1 |
| TULARE | 9,105 | 35 | 0.4% | 9,450 | 39 | 0.4% | 0.0% | -4 |
| TUOLUMNE | 614 | 16 | 2.6% | 620 | 15 | 2.4% | 0.2% | 1 |
| VENTURA | 11,814 | 86 | 0.7% | 12,056 | 101 | 0.8% | -0.1% | -15 |
| YOLO | 2,907 | 7 | 0.2% | 2,779 | 2 | 0.1% | 0.2% | 5 |
| YUBA | 1,404 | 22 | 1.6% | 1,420 | 24 | 1.7% | -0.1% | -2 |

† Includes students reported as attending independent study who do not receive classroom-based instruction or home-based private schools or receiving IEP services.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 9: NUMBER AND PERCENTAGE OF OTHER STUDENTS LACKING REQUIRED IMMUNIZATIONS† IN 2018-2019
BY SUBGROUP AND COUNTY

| | TOTAL STUDENTS | OTHERS LACKING REQUIRED IMMUNIZATIONS† | | OTHERS LACKING REQUIRED IMMUNIZATIONS† | | | | | |
|--------------|----------------|--|---------|--|---------|--------------|---------|---------------------------|---------|
| | | | | INDEPENDENT STUDY | | IEP SERVICES | | HOME-BASED PRIVATE SCHOOL | |
| | NUMBER | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT |
| STATE TOTAL | 555,735 | 8,318 | 1.5% | 6,502 | 1.2% | 1,577 | 0.3% | 239 | 0.0% |
| COUNTY | | | | | | | | | |
| ALAMEDA | 21,818 | 41 | 0.2% | 6 | 0.0% | 33 | 0.2% | 2 | 0.0% |
| ALPINE | 10 | <20* | --* | <20* | --* | <20* | --* | --* | --* |
| AMADOR | 279 | 8 | 2.9% | 0 | 0.0% | 8 | 2.9% | 0 | 0.0% |
| BUTTE | 2,822 | 46 | 1.6% | 33 | 1.2% | 12 | 0.4% | 1 | 0.0% |
| CALAVERAS | 437 | 17 | 3.9% | 15 | 3.4% | 2 | 0.5% | 0 | 0.0% |
| COLUSA | 360 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| CONTRA COSTA | 15,192 | 40 | 0.3% | 20 | 0.1% | 20 | 0.1% | 0 | 0.0% |
| DEL NORTE | 382 | 8 | 2.1% | 6 | 1.6% | 2 | 0.5% | 0 | 0.0% |
| EL DORADO | 2,453 | 126 | 5.1% | 125 | 5.1% | 1 | 0.0% | 0 | 0.0% |
| FRESNO | 18,758 | 237 | 1.3% | 206 | 1.1% | 28 | 0.1% | 3 | 0.0% |
| GLENN | 540 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| HUMBOLDT | 1,708 | 24 | 1.4% | 12 | 0.7% | 12 | 0.7% | 0 | 0.0% |
| IMPERIAL | 3,134 | 10 | 0.3% | 0 | 0.0% | 10 | 0.3% | 0 | 0.0% |
| INYO | 231 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| KERN | 18,110 | 996 | 5.5% | 950 | 5.2% | 44 | 0.2% | 2 | 0.0% |
| KINGS | 2,686 | 2 | 0.1% | 0 | 0.0% | 2 | 0.1% | 0 | 0.0% |
| LAKE | 848 | 1 | 0.1% | 1 | 0.1% | 0 | 0.0% | 0 | 0.0% |
| LASSEN | 385 | 9 | 2.3% | 9 | 2.3% | 0 | 0.0% | 0 | 0.0% |
| LOS ANGELES | 136,039 | 1,746 | 1.3% | 1,255 | 0.9% | 459 | 0.3% | 32 | 0.0% |
| MADERA | 2,762 | 37 | 1.3% | 37 | 1.3% | 0 | 0.0% | 0 | 0.0% |
| MARIN | 3,170 | 6 | 0.2% | 0 | 0.0% | 6 | 0.2% | 0 | 0.0% |
| MARIPOSA | 156 | 2 | 1.3% | 2 | 1.3% | 0 | 0.0% | 0 | 0.0% |
| MENDOCINO | 1,204 | 6 | 0.5% | 3 | 0.2% | 3 | 0.2% | 0 | 0.0% |
| MERCED | 5,240 | 18 | 0.3% | 0 | 0.0% | 18 | 0.3% | 0 | 0.0% |
| MODOC | 111 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| MONO | 150 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| MONTEREY | 6,926 | 3 | 0.0% | 1 | 0.0% | 2 | 0.0% | 0 | 0.0% |
| NAPA | 1,429 | 7 | 0.5% | 0 | 0.0% | 0 | 0.0% | 7 | 0.5% |
| NEVADA | 990 | 46 | 4.6% | 36 | 3.6% | 10 | 1.0% | 0 | 0.0% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or receiving IEP services or home-based private schools.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 9: NUMBER AND PERCENTAGE OF OTHER STUDENTS LACKING REQUIRED IMMUNIZATIONS† IN 2018-2019
BY SUBGROUP AND COUNTY

| | TOTAL STUDENTS | OTHERS LACKING REQUIRED IMMUNIZATIONS† | | OTHERS LACKING REQUIRED IMMUNIZATIONS† | | | | | |
|-----------------|----------------|--|---------|--|---------|--------------|---------|---------------------------|---------|
| | | | | INDEPENDENT STUDY | | IEP SERVICES | | HOME-BASED PRIVATE SCHOOL | |
| | NUMBER | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT |
| STATE TOTAL | 555,735 | 8,318 | 1.5% | 6,502 | 1.2% | 1,577 | 0.3% | 239 | 0.0% |
| COUNTY | | | | | | | | | |
| ORANGE | 41,734 | 310 | 0.7% | 98 | 0.2% | 187 | 0.4% | 25 | 0.1% |
| PLACER | 6,470 | 57 | 0.9% | 44 | 0.7% | 13 | 0.2% | 0 | 0.0% |
| PLUMAS | 210 | 6 | 2.9% | 3 | 1.4% | 3 | 1.4% | 0 | 0.0% |
| RIVERSIDE | 35,422 | 194 | 0.5% | 63 | 0.2% | 102 | 0.3% | 29 | 0.1% |
| SACRAMENTO | 21,501 | 395 | 1.8% | 275 | 1.3% | 120 | 0.6% | 0 | 0.0% |
| SAN BENITO | 1,052 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| SAN BERNARDINO | 33,920 | 559 | 1.6% | 468 | 1.4% | 77 | 0.2% | 14 | 0.0% |
| SAN DIEGO | 46,256 | 1,843 | 4.0% | 1,750 | 3.8% | 63 | 0.1% | 30 | 0.1% |
| SAN FRANCISCO | 6,840 | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| SAN JOAQUIN | 12,410 | 154 | 1.2% | 77 | 0.6% | 59 | 0.5% | 18 | 0.1% |
| SAN LUIS OBISPO | 3,012 | 25 | 0.8% | 2 | 0.1% | 22 | 0.7% | 1 | 0.0% |
| SAN MATEO | 9,275 | 4 | 0.0% | 0 | 0.0% | 4 | 0.0% | 0 | 0.0% |
| SANTA BARBARA | 6,273 | 44 | 0.7% | 42 | 0.7% | 1 | 0.0% | 1 | 0.0% |
| SANTA CLARA | 25,505 | 45 | 0.2% | 0 | 0.0% | 44 | 0.2% | 1 | 0.0% |
| SANTA CRUZ | 3,579 | 144 | 4.0% | 140 | 3.9% | 4 | 0.1% | 0 | 0.0% |
| SHASTA | 2,466 | 87 | 3.5% | 61 | 2.5% | 22 | 0.9% | 4 | 0.2% |
| SIERRA | 36 | 1 | 2.8% | 0 | 0.0% | 1 | 2.8% | 0 | 0.0% |
| SISKIYOU | 561 | 28 | 5.0% | 27 | 4.8% | 1 | 0.2% | 0 | 0.0% |
| SOLANO | 5,933 | 12 | 0.2% | 12 | 0.2% | 0 | 0.0% | 0 | 0.0% |
| SONOMA | 6,343 | 98 | 1.5% | 88 | 1.4% | 7 | 0.1% | 3 | 0.0% |
| STANISLAUS | 9,346 | 106 | 1.1% | 80 | 0.9% | 26 | 0.3% | 0 | 0.0% |
| SUTTER | 2,310 | 588 | 25.5% | 475 | 20.6% | 113 | 4.9% | 0 | 0.0% |
| TEHAMA | 983 | 15 | 1.5% | 14 | 1.4% | 1 | 0.1% | 0 | 0.0% |
| TRINITY | 124 | 1 | 0.8% | 0 | 0.0% | 1 | 0.8% | 0 | 0.0% |
| TULARE | 9,105 | 35 | 0.4% | 31 | 0.3% | 4 | 0.0% | 0 | 0.0% |
| TUOLUMNE | 614 | 16 | 2.6% | 10 | 1.6% | 2 | 0.3% | 4 | 0.7% |
| VENTURA | 11,814 | 86 | 0.7% | 14 | 0.1% | 11 | 0.1% | 61 | 0.5% |
| YOLO | 2,907 | 7 | 0.2% | 1 | 0.0% | 5 | 0.2% | 1 | 0.0% |
| YUBA | 1,404 | 22 | 1.6% | 10 | 0.7% | 12 | 0.9% | 0 | 0.0% |

† Includes students reported as attending independent study who do not receive classroom-based instruction or receiving IEP services or home-based private schools.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 10: NUMBER AND PERCENTAGE OF STUDENTS WITH OVERDUE STATUS^ IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|--------------|----------------|----------|---------|----------------|----------|---------|--------------------------------|----------|
| | TOTAL STUDENTS | OVERDUE^ | PERCENT | TOTAL STUDENTS | OVERDUE^ | PERCENT | PERCENT | OVERDUE^ |
| STATE TOTAL | 555,735 | 6,083 | 1.1% | 564,121 | 6,920 | 1.2% | -0.1% | -837 |
| COUNTY | | | | | | | | |
| ALAMEDA | 21,818 | 336 | 1.5% | 22,307 | 245 | 1.1% | 0.4% | 91 |
| ALPINE | 10 | <20* | --* | 6 | <20* | --* | --* | --* |
| AMADOR | 279 | 1 | 0.4% | 376 | 4 | 1.1% | -0.7% | -3 |
| BUTTE | 2,822 | 12 | 0.4% | 2,899 | 9 | 0.3% | 0.1% | 3 |
| CALAVERAS | 437 | 0 | 0.0% | 464 | 1 | 0.2% | -0.2% | -1 |
| COLUSA | 360 | 0 | 0.0% | 414 | 2 | 0.5% | -0.5% | -2 |
| CONTRA COSTA | 15,192 | 129 | 0.8% | 15,292 | 152 | 1.0% | -0.1% | -23 |
| DEL NORTE | 382 | 3 | 0.8% | 368 | 0 | 0.0% | 0.8% | 3 |
| EL DORADO | 2,453 | 3 | 0.1% | 2,360 | 1 | 0.0% | 0.1% | 2 |
| FRESNO | 18,758 | 100 | 0.5% | 18,573 | 252 | 1.4% | -0.8% | -152 |
| GLENN | 540 | 12 | 2.2% | 510 | 3 | 0.6% | 1.6% | 9 |
| HUMBOLDT | 1,708 | 25 | 1.5% | 1,762 | 14 | 0.8% | 0.7% | 11 |
| IMPERIAL | 3,134 | 11 | 0.4% | 3,362 | 37 | 1.1% | -0.7% | -26 |
| INYO | 231 | 0 | 0.0% | 221 | 1 | 0.5% | -0.5% | -1 |
| KERN | 18,110 | 88 | 0.5% | 17,580 | 829 | 4.7% | -4.2% | -741 |
| KINGS | 2,686 | 14 | 0.5% | 2,678 | 11 | 0.4% | 0.1% | 3 |
| LAKE | 848 | 9 | 1.1% | 850 | 3 | 0.4% | 0.7% | 6 |
| LASSEN | 385 | 0 | 0.0% | 326 | 0 | 0.0% | 0.0% | 0 |
| LOS ANGELES | 136,039 | 2,640 | 1.9% | 140,822 | 2,402 | 1.7% | 0.2% | 238 |
| MADERA | 2,762 | 40 | 1.4% | 2,778 | 61 | 2.2% | -0.7% | -21 |
| MARIN | 3,170 | 8 | 0.3% | 3,259 | 14 | 0.4% | -0.2% | -6 |
| MARIPOSA | 156 | 0 | 0.0% | 150 | 3 | 2.0% | -2.0% | -3 |
| MENDOCINO | 1,204 | 97 | 8.1% | 1,305 | 81 | 6.2% | 1.8% | 16 |
| MERCED | 5,240 | 22 | 0.4% | 5,421 | 50 | 0.9% | -0.5% | -28 |
| MODOC | 111 | 1 | 0.9% | 115 | 0 | 0.0% | 0.9% | 1 |
| MONO | 150 | 4 | 2.7% | 166 | 1 | 0.6% | 2.1% | 3 |
| MONTEREY | 6,926 | 40 | 0.6% | 7,161 | 57 | 0.8% | -0.2% | -17 |
| NAPA | 1,429 | 5 | 0.3% | 1,768 | 9 | 0.5% | -0.2% | -4 |
| NEVADA | 990 | 1 | 0.1% | 913 | 3 | 0.3% | -0.2% | -2 |

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 10: NUMBER AND PERCENTAGE OF STUDENTS WITH OVERDUE STATUS^ IN 2018-2019 AND 2017-2018,
AND 1-YEAR PERCENTAGE POINT CHANGE, BY COUNTY

| | 2018-2019 | | | 2017-2018 | | | 1-YEAR PERCENTAGE POINT CHANGE | |
|-----------------|----------------|----------|---------|----------------|----------|---------|--------------------------------|----------|
| | TOTAL STUDENTS | OVERDUE^ | PERCENT | TOTAL STUDENTS | OVERDUE^ | PERCENT | PERCENT | OVERDUE^ |
| STATE TOTAL | 555,735 | 6,083 | 1.1% | 564,121 | 6,920 | 1.2% | -0.1% | -837 |
| COUNTY | | | | | | | | |
| ORANGE | 41,734 | 276 | 0.7% | 42,375 | 271 | 0.6% | 0.0% | 5 |
| PLACER | 6,470 | 132 | 2.0% | 6,296 | 46 | 0.7% | 1.3% | 86 |
| PLUMAS | 210 | 0 | 0.0% | 193 | 1 | 0.5% | -0.5% | -1 |
| RIVERSIDE | 35,422 | 294 | 0.8% | 35,453 | 324 | 0.9% | -0.1% | -30 |
| SACRAMENTO | 21,501 | 183 | 0.9% | 21,508 | 198 | 0.9% | -0.1% | -15 |
| SAN BENITO | 1,052 | 16 | 1.5% | 1,019 | 0 | 0.0% | 1.5% | 16 |
| SAN BERNARDINO | 33,920 | 288 | 0.8% | 33,825 | 225 | 0.7% | 0.2% | 63 |
| SAN DIEGO | 46,256 | 237 | 0.5% | 47,174 | 331 | 0.7% | -0.2% | -94 |
| SAN FRANCISCO | 6,840 | 176 | 2.6% | 6,701 | 178 | 2.7% | -0.1% | -2 |
| SAN JOAQUIN | 12,410 | 49 | 0.4% | 12,582 | 138 | 1.1% | -0.7% | -89 |
| SAN LUIS OBISPO | 3,012 | 13 | 0.4% | 3,074 | 19 | 0.6% | -0.2% | -6 |
| SAN MATEO | 9,275 | 159 | 1.7% | 9,361 | 120 | 1.3% | 0.4% | 39 |
| SANTA BARBARA | 6,273 | 10 | 0.2% | 6,632 | 19 | 0.3% | -0.1% | -9 |
| SANTA CLARA | 25,505 | 256 | 1.0% | 26,410 | 397 | 1.5% | -0.5% | -141 |
| SANTA CRUZ | 3,579 | 20 | 0.6% | 3,565 | 23 | 0.6% | -0.1% | -3 |
| SHASTA | 2,466 | 48 | 1.9% | 2,526 | 7 | 0.3% | 1.7% | 41 |
| SIERRA | 36 | 0 | 0.0% | 39 | 0 | 0.0% | 0.0% | 0 |
| SISKIYOU | 561 | 8 | 1.4% | 564 | 8 | 1.4% | 0.0% | 0 |
| SOLANO | 5,933 | 10 | 0.2% | 5,534 | 18 | 0.3% | -0.2% | -8 |
| SONOMA | 6,343 | 87 | 1.4% | 6,645 | 78 | 1.2% | 0.2% | 9 |
| STANISLAUS | 9,346 | 53 | 0.6% | 8,858 | 80 | 0.9% | -0.3% | -27 |
| SUTTER | 2,310 | 20 | 0.9% | 2,152 | 13 | 0.6% | 0.3% | 7 |
| TEHAMA | 983 | 8 | 0.8% | 1,033 | 4 | 0.4% | 0.4% | 4 |
| TRINITY | 124 | 2 | 1.6% | 71 | 1 | 1.4% | 0.2% | 1 |
| TULARE | 9,105 | 14 | 0.2% | 9,450 | 20 | 0.2% | -0.1% | -6 |
| TUOLUMNE | 614 | 17 | 2.8% | 620 | 21 | 3.4% | -0.6% | -4 |
| VENTURA | 11,814 | 56 | 0.5% | 12,056 | 72 | 0.6% | -0.1% | -16 |
| YOLO | 2,907 | 3 | 0.1% | 2,779 | 11 | 0.4% | -0.3% | -8 |
| YUBA | 1,404 | 47 | 3.3% | 1,420 | 52 | 3.7% | -0.3% | -5 |

^ Overdue for one or more immunizations.

* County reporting fewer than 20 children in kindergarten.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 11: NUMBER AND PERCENTAGE OF STUDENTS WITH REQUIRED IMMUNIZATIONS BY VACCINE SERIES,
BY COUNTY

| | TOTAL STUDENTS | DTP 4+ | | POLIO 3+ | | MMR 2 | | HEP B 3+ | | VAR 1+ | |
|--------------|----------------|---------|---------|----------|---------|---------|---------|----------|---------|---------|---------|
| | NUMBER | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT |
| STATE TOTAL | 555,735 | 533,741 | 96.0% | 536,419 | 96.5% | 536,373 | 96.5% | 541,074 | 97.4% | 544,134 | 97.9% |
| COUNTY | | | | | | | | | | | |
| ALAMEDA | 21,818 | 21,305 | 97.6% | 21,381 | 98.0% | 21,399 | 98.1% | 21,416 | 98.2% | 21,560 | 98.8% |
| ALPINE | 10 | <20* | --* | <20* | --* | <20* | --* | <20* | --* | <20* | --* |
| AMADOR | 279 | 263 | 94.3% | 271 | 97.1% | 267 | 95.7% | 268 | 96.1% | 272 | 97.5% |
| BUTTE | 2,822 | 2,696 | 95.5% | 2,709 | 96.0% | 2,717 | 96.3% | 2,740 | 97.1% | 2,767 | 98.1% |
| CALAVERAS | 437 | 401 | 91.8% | 408 | 93.4% | 401 | 91.8% | 406 | 92.9% | 414 | 94.7% |
| COLUSA | 360 | 354 | 98.3% | 355 | 98.6% | 354 | 98.3% | 354 | 98.3% | 355 | 98.6% |
| CONTRA COSTA | 15,192 | 14,789 | 97.3% | 14,866 | 97.9% | 14,870 | 97.9% | 14,973 | 98.6% | 14,994 | 98.7% |
| DEL NORTE | 382 | 365 | 95.5% | 370 | 96.9% | 368 | 96.3% | 371 | 97.1% | 373 | 97.6% |
| EL DORADO | 2,453 | 2,197 | 89.6% | 2,206 | 89.9% | 2,203 | 89.8% | 2,249 | 91.7% | 2,269 | 92.5% |
| FRESNO | 18,758 | 18,239 | 97.2% | 18,352 | 97.8% | 18,383 | 98.0% | 18,480 | 98.5% | 18,561 | 98.9% |
| GLENN | 540 | 525 | 97.2% | 528 | 97.8% | 525 | 97.2% | 533 | 98.7% | 534 | 98.9% |
| HUMBOLDT | 1,708 | 1,565 | 91.6% | 1,557 | 91.2% | 1,570 | 91.9% | 1,580 | 92.5% | 1,608 | 94.1% |
| IMPERIAL | 3,134 | 3,075 | 98.1% | 3,087 | 98.5% | 3,084 | 98.4% | 3,111 | 99.3% | 3,113 | 99.3% |
| INYO | 231 | 225 | 97.4% | 225 | 97.4% | 226 | 97.8% | 226 | 97.8% | 226 | 97.8% |
| KERN | 18,110 | 16,756 | 92.5% | 16,939 | 93.5% | 16,927 | 93.5% | 17,272 | 95.4% | 17,401 | 96.1% |
| KINGS | 2,686 | 2,629 | 97.9% | 2,657 | 98.9% | 2,660 | 99.0% | 2,666 | 99.3% | 2,676 | 99.6% |
| LAKE | 848 | 801 | 94.5% | 821 | 96.8% | 822 | 96.9% | 825 | 97.3% | 833 | 98.2% |
| LASSEN | 385 | 366 | 95.1% | 369 | 95.8% | 367 | 95.3% | 371 | 96.4% | 372 | 96.6% |
| LOS ANGELES | 136,039 | 130,812 | 96.2% | 131,287 | 96.5% | 131,135 | 96.4% | 132,816 | 97.6% | 133,441 | 98.1% |
| MADERA | 2,762 | 2,666 | 96.5% | 2,689 | 97.4% | 2,685 | 97.2% | 2,689 | 97.4% | 2,704 | 97.9% |
| MARIN | 3,170 | 3,047 | 96.1% | 3,050 | 96.2% | 3,063 | 96.6% | 3,052 | 96.3% | 3,084 | 97.3% |
| MARIPOSA | 156 | 144 | 92.3% | 151 | 96.8% | 148 | 94.9% | 153 | 98.1% | 155 | 99.4% |
| MENDOCINO | 1,204 | 1,045 | 86.8% | 1,051 | 87.3% | 1,061 | 88.1% | 1,072 | 89.0% | 1,076 | 89.4% |
| MERCED | 5,240 | 5,154 | 98.4% | 5,185 | 99.0% | 5,183 | 98.9% | 5,206 | 99.4% | 5,213 | 99.5% |
| MODOC | 111 | --* | ≥99% | --* | ≥99% | --* | ≥99% | --* | ≥99% | --* | ≥99% |
| MONO | 150 | 145 | 96.7% | 143 | 95.3% | 148 | 98.7% | --* | ≥99% | --* | ≥99% |
| MONTEREY | 6,926 | 6,819 | 98.5% | 6,830 | 98.6% | 6,814 | 98.4% | 6,835 | 98.7% | 6,862 | 99.1% |
| NAPA | 1,429 | 1,366 | 95.6% | 1,374 | 96.2% | 1,377 | 96.4% | 1,383 | 96.8% | 1,392 | 97.4% |
| NEVADA | 990 | 815 | 82.3% | 822 | 83.0% | 826 | 83.4% | 836 | 84.4% | 849 | 85.8% |

* Additional precautions for student de-identification are based on jurisdiction enrollment for kindergarten. For jurisdictions with: Fewer than 20 enrollees, the data are omitted; 20-49 enrollees, values of 95% or higher are listed as ≥95%; 50-99 enrollees, values of 98% or higher are listed as ≥98%; 100 or more enrollees, values of 99% or higher are listed as ≥99%.

KINDERGARTEN IMMUNIZATION ASSESSMENT - CALIFORNIA, 2018-2019
TABLE 11: NUMBER AND PERCENTAGE OF STUDENTS WITH REQUIRED IMMUNIZATIONS BY VACCINE SERIES,
BY COUNTY

| | TOTAL STUDENTS | DTP 4+ | | POLIO 3+ | | MMR 2 | | HEP B 3+ | | VAR 1+ | |
|-----------------|----------------|---------|---------|----------|---------|---------|---------|----------|---------|---------|---------|
| | NUMBER | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT | NUMBER | PERCENT |
| STATE TOTAL | 555,735 | 533,741 | 96.0% | 536,419 | 96.5% | 536,373 | 96.5% | 541,074 | 97.4% | 544,134 | 97.9% |
| COUNTY | | | | | | | | | | | |
| ORANGE | 41,734 | 40,445 | 96.9% | 40,584 | 97.2% | 40,561 | 97.2% | 40,946 | 98.1% | 41,149 | 98.6% |
| PLACER | 6,470 | 6,085 | 94.0% | 6,113 | 94.5% | 6,105 | 94.4% | 6,163 | 95.3% | 6,199 | 95.8% |
| PLUMAS | 210 | 184 | 87.6% | 190 | 90.5% | 189 | 90.0% | 189 | 90.0% | 196 | 93.3% |
| RIVERSIDE | 35,422 | 34,455 | 97.3% | 34,664 | 97.9% | 34,652 | 97.8% | 34,839 | 98.4% | 35,095 | 99.1% |
| SACRAMENTO | 21,501 | 20,360 | 94.7% | 20,552 | 95.6% | 20,589 | 95.8% | 20,744 | 96.5% | 20,939 | 97.4% |
| SAN BENITO | 1,052 | 1,028 | 97.7% | 1,033 | 98.2% | 1,033 | 98.2% | 1,042 | 99.0% | 1,045 | 99.3% |
| SAN BERNARDINO | 33,920 | 32,574 | 96.0% | 32,858 | 96.9% | 32,927 | 97.1% | 33,084 | 97.5% | 33,314 | 98.2% |
| SAN DIEGO | 46,256 | 43,402 | 93.8% | 43,583 | 94.2% | 43,603 | 94.3% | 44,093 | 95.3% | 44,421 | 96.0% |
| SAN FRANCISCO | 6,840 | 6,623 | 96.8% | 6,630 | 96.9% | 6,658 | 97.3% | 6,670 | 97.5% | 6,723 | 98.3% |
| SAN JOAQUIN | 12,410 | 12,093 | 97.4% | 12,169 | 98.1% | 12,157 | 98.0% | 12,251 | 98.7% | 12,299 | 99.1% |
| SAN LUIS OBISPO | 3,012 | 2,886 | 95.8% | 2,895 | 96.1% | 2,900 | 96.3% | 2,923 | 97.0% | 2,947 | 97.8% |
| SAN MATEO | 9,275 | 9,068 | 97.8% | 9,113 | 98.3% | 9,092 | 98.0% | 9,151 | 98.7% | 9,176 | 98.9% |
| SANTA BARBARA | 6,273 | 6,126 | 97.7% | 6,127 | 97.7% | 6,135 | 97.8% | 6,141 | 97.9% | 6,184 | 98.6% |
| SANTA CLARA | 25,505 | 25,031 | 98.1% | 25,111 | 98.5% | 25,072 | 98.3% | 25,195 | 98.8% | 25,281 | 99.1% |
| SANTA CRUZ | 3,579 | 3,317 | 92.7% | 3,335 | 93.2% | 3,320 | 92.8% | 3,350 | 93.6% | 3,391 | 94.7% |
| SHASTA | 2,466 | 2,204 | 89.4% | 2,227 | 90.3% | 2,242 | 90.9% | 2,292 | 92.9% | 2,305 | 93.5% |
| SIERRA | 36 | --* | ≥95% | --* | ≥95% | --* | ≥95% | --* | ≥95% | --* | ≥95% |
| SISKIYOU | 561 | 523 | 93.2% | 521 | 92.9% | 517 | 92.2% | 520 | 92.7% | 525 | 93.6% |
| SOLANO | 5,933 | 5,807 | 97.9% | 5,854 | 98.7% | 5,855 | 98.7% | 5,872 | 99.0% | 5,901 | 99.5% |
| SONOMA | 6,343 | 5,920 | 93.3% | 5,922 | 93.4% | 5,928 | 93.5% | 5,970 | 94.1% | 6,015 | 94.8% |
| STANISLAUS | 9,346 | 9,016 | 96.5% | 9,098 | 97.3% | 9,098 | 97.3% | 9,165 | 98.1% | 9,209 | 98.5% |
| SUTTER | 2,310 | 1,719 | 74.4% | 1,732 | 75.0% | 1,731 | 74.9% | 1,832 | 79.3% | 1,877 | 81.3% |
| TEHAMA | 983 | 939 | 95.5% | 940 | 95.6% | 943 | 95.9% | 962 | 97.9% | 968 | 98.5% |
| TRINITY | 124 | 115 | 92.7% | 118 | 95.2% | 116 | 93.5% | 120 | 96.8% | 119 | 96.0% |
| TULARE | 9,105 | 8,967 | 98.5% | 9,013 | 99.0% | 9,020 | 99.1% | 9,046 | 99.4% | 9,063 | 99.5% |
| TUOLUMNE | 614 | 552 | 89.9% | 559 | 91.0% | 559 | 91.0% | 579 | 94.3% | 569 | 92.7% |
| VENTURA | 11,814 | 11,442 | 96.9% | 11,475 | 97.1% | 11,484 | 97.2% | 11,542 | 97.7% | 11,588 | 98.1% |
| YOLO | 2,907 | 2,809 | 96.6% | 2,812 | 96.7% | 2,814 | 96.8% | 2,830 | 97.4% | 2,845 | 97.9% |
| YUBA | 1,404 | 1,331 | 94.8% | 1,353 | 96.4% | 1,335 | 95.1% | 1,374 | 97.9% | 1,380 | 98.3% |

* Additional precautions for student de-identification are based on jurisdiction enrollment for kindergarten. For jurisdictions with: Fewer than 20 enrollees, the data are omitted; 20-49 enrollees, values of 95% or higher are listed as ≥95%; 50-99 enrollees, values of 98% or higher are listed as ≥98%; 100 or more enrollees, values of 99% or higher are listed as ≥99%.