

# 2015- 2016 KINDERGARTEN IMMUNIZATION ASSESSMENT

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, IMMUNIZATION BRANCH

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## 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 120335-120375). This report summarizes data for the 2015-2016 school year reported by public and private kindergartens statewide (Table 1, Figures 1-5) and by county (Tables 2-7).

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## Methods

Schools reported data to the California Department of Public Health (CDPH) in the autumn of 2015, prior to 2016 effective date for [Senate Bill \(SB\) 277](#) but during the second year of implementation of [Assembly Bill \(AB\) 2109](#).

Based on their immunization status, students were classified by school staff into the following categories:

- Fully vaccinated with all required immunizations<sup>1</sup>
- Conditional entrants, because either
  - Not fully-vaccinated but not currently overdue, or
  - Having a temporary medical exemption (TME) to vaccination
- Having a permanent medical exemption (PME) to vaccination
- Having a personal beliefs exemption (PBE). In 2014 and 2015, under the provisions of AB 2109 this required additional documentation from the parent or guardian of either:
  - Receiving information about immunizations and the diseases they prevent from an authorized health care practitioner or
  - Declaring a religious objection to seeking medical advice or treatment from authorized health care practitioners
- Overdue and subject to exclusion from school for non-compliance (new category for this year).

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## Results

8,467 (97%), of 8,752 schools in California with kindergartners submitted immunization assessment reports by December 15, 2015 (Table 2), in comparison to 7,738 (95%) of 8,170 schools that reported in 2014. Private schools accounted for 27% (2401/8752) of all kindergartens but 73% (209/285) of kindergartens that did not submit reports. Figures 1-5 show trends over the last 6-7 years for students in public and private schools reported as fully-vaccinated, conditional entrants, PBEs, PME, and fully-vaccinated by vaccine series.

**Fully vaccinated:** Of 551,123 kindergarten children whose schools reported their status, 511,708 (92.9%) had received all required immunizations,<sup>1</sup> an increase from the previous school year of 2.5 percentage points overall, 2.5 percentage points in public schools, and 1.6 percentage points in private schools (Table 1). Percentage point increases in completion rates for individual vaccines ranged from 0.9 percentage points for Varicella and Hep B to 1.9 percentage points for MMR (Table 1). The percentage of fully-vaccinated students increased in 46 (79%) of 58 counties (Table 4); Alameda County had the largest increase at 7.3% (Table 4).

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<sup>1</sup> 4 or more doses of Diphtheria, Tetanus, Pertussis (4+ DTP), 3+ Polio, 2+ MMR (Measles, Mumps, Rubella), 3+ Hep B (Hepatitis B), and 1+ Var (Varicella) or physician-documented varicella disease.

As in past years, a higher proportion of students in public compared to private schools were fully vaccinated (93.2% vs. 88.2%). Rates for receipt of individual vaccines also are higher in public schools; for MMR, 94.5% of students at public schools vs. 90.5% at private schools were fully vaccinated.

Conditional entrants: Compared to the 2014-2015 school year, the proportion of pupils reported as conditional entrants in California decreased by 2.5 percentage points, equal to the increase in the rate of fully-vaccinated students. The rate of conditional entrants decreased in both public (-2.5 percentage points) and private (-1.5 percentage points) schools. Schools in 48 (83%) of 58 counties reported a reduction in conditional entrants, the largest reduction (-9.3 percentage points) occurring in Calaveras County (Table 5).

PBEs: Among kindergarteners, 2.38% had PBEs in 2015-2016, reduced from 2.54% (-0.16 percentage points) in 2014-2015 and 3.15% (-0.61 percentage points) in 2013-2014. After these declines, the PBE rate is now similar to the rate in 2011-2012 (2.32%). In 2015-2016, PBE rates declined over one year by 0.4 percentage points in private schools and 0.15 percentage points in public schools. The rates of PBEs continue to vary by county, with a range of 0% - 18.4% (Table 3).

PMEs: The percentage of students with PMEs was 0.17%, compared to 0.19% in 2014-15 (Table 1).

Overdue: In fall 2015, nearly 1,000 students (0.18%) were reported as being overdue for one or more immunizations (Table 3) and so subject to exclusion until all requirements are met.

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## Discussion

The proportion of students entering kindergarten after receiving all required immunizations increased by 2.5 percentage points to 92.9% in the 2015-2016 school year, an increase matched by a 2.5 percentage point reduction in those reported as conditional entrants. Rates of PMEs and PBEs were no higher in 2015-2016 than the prior year.

A recent CDPH analysis of a sampling of California kindergartens suggests that fewer than 10% of children previously reported as conditional entrants truly fulfilled criteria for conditional entrance based on the [Conditional Admission Immunization Schedule](#) (CDPH, unpublished data). Incorporating pilot efforts by the Alameda County Public Health Department, in 2015 CDPH assisted local health departments in educating school staff on the proper use of conditional entrance criteria. In addition, schools were alerted that the required annual financial and compliance audits of local education agencies for the 2015-2016 school year will scrutinize reimbursement for attendance at schools with higher rates of conditional entrance. Under these interventions, Alameda County had the largest increase of any county in the rate of fully-immunized students (7.3 percentage points) and reported a comparable reduction in the rate of conditional entrants (-7.2 percentage points).

With the additional measures required under AB 2109 for requesting PBEs during 2014 and 2015, the rate of PBEs decreased from 3.15% in 2013-2014 to 2.38% in 2015-2016. Under SB 277, chaptered and 2015 and effective in 2016, PBEs will no longer be available for children entering a kindergarten program in California (See [ShotsForSchool.org](#) for additional information).

In addition to efforts taken to promote compliance of with immunization laws, additional factors may have contributed to increased vaccination rates among kindergarten students in 2015-16. The measles outbreak spreading from Disneyland in December 2014 to 12 CA counties (as well as 6 other states and 2 other countries), may have raised awareness of the risks of vaccine-preventable diseases and the benefits of immunization.

Despite improvements in vaccination rates, a number of schools and communities remain at risk of contagion. For example, in 2015-16, 20 (34%) of 58 counties in California have rates of fully immunized kindergarteners that are below 90% (Table 4). Furthermore, 31 (53%) counties have fewer than 95% of

kindergarteners reported as having two doses of MMR, an approximate threshold necessary to prevent the transmission of measles.

### **Limitations**

This report is subject to limitations that include:

- 285 schools with kindergartens did not report their data.
- Any immunizations received by children with PBEs or PME to other immunizations are not currently reported in the rates of students who have received all doses of specific vaccines, so completion rates may be underestimated.
- The timing of immunization is often not included in the assessment criteria; if doses were given at clinically inappropriate ages or intervals, the 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 decrease estimates of immunization coverage, while any improvements over time in completion would increase estimates.

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*For media inquiries, please contact CDPH Office of Public Affairs via e-mail [cdphpress@cdph.ca.gov](mailto:cdphpress@cdph.ca.gov) or phone 916-440-7259*

Table 1. Immunization Status, Vaccine-specific Coverage Rates, and 1-Year Percentage Point Change in CA Kindergartens, 2014-16 School Year\*

	2015-16			2014-15			1 YR Change		
	All	Public	Private	All	Public	Private	All	Public	Private
Number of Schools	8,467	6,275	2,192	7,738	5,895	1,843			
Number of Students	551,123	508,458	42,665	535,234	494,636	40,598			
All Required Immunizations	92.9%	93.2%	88.2%	90.4%	90.7%	86.6%	+2.5%	+2.5%	+1.6%
Conditional Entrants	4.4%	4.3%	6.4%	6.9%	6.8%	7.8%	-2.5%	-2.5%	-1.4%
Permanent Medical Exemptions	0.17%	0.15%	0.34%	0.19%	0.19%	0.29%	-0.02%	-0.04%	-0.05%
Overdue <sup>^</sup>	0.18%	0.18%	0.14%	-	-	-	-	-	-
Personal Belief Exemptions	2.37%	2.16%	4.93%	2.54%	2.31%	5.33%	-0.16%	-0.15%	-0.40%
Pre-January 2014	-	-	-	0.38%	0.27%	1.67%			
Health Care Practitioner Counseled	1.81%	1.64%	3.93%	1.64%	1.54%	2.85%			
Religious	0.56%	0.52%	1.00%	0.52%	0.50%	0.81%			
4+ DTP	94.2%	94.5%	90.4%	92.4%	92.6%	89.2%	+1.8%	+1.9%	+1.2%
3+ Polio	94.7%	95.0%	90.7%	93.0%	93.3%	89.5%	+1.7%	+1.7%	+1.2%
2+ MMR	94.5%	94.9%	90.5%	92.6%	92.9%	88.8%	+1.9%	+2.0%	+1.7%
3+ Hep B	95.8%	96.1%	92.8%	94.9%	95.1%	92.0%	+0.9%	+1.0%	+0.8%
1+ Vari (or physician-documented disease)	96.3%	96.6%	93.2%	95.4%	95.7%	92.5%	+0.9%	+0.9%	+0.7%

\*Individual antigen status is unavailable for students with PBEs and PME.s. Therefore, fully-vaccinated and individual antigen immunization coverage may be underestimated.

<sup>^</sup> 'Overdue' were students subject to exclusion from school.

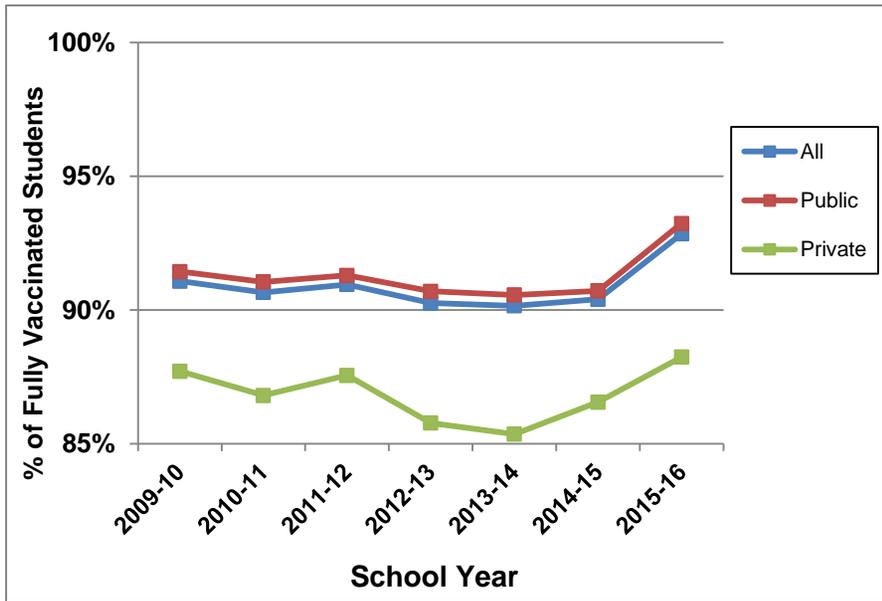


Figure 1. Percentage of Fully Vaccinated Kindergarten Students, by School Type and School Year, 2009-10 to 2015-16

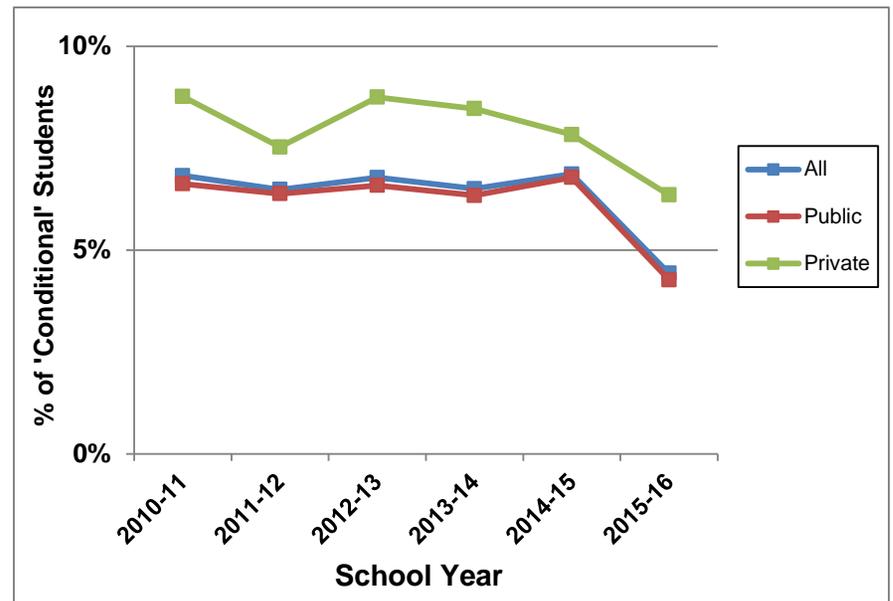


Figure 2. Percentage of Kindergarten 'Conditional' Entrants, by School Type and School Year, 2010-11 to 2015-16

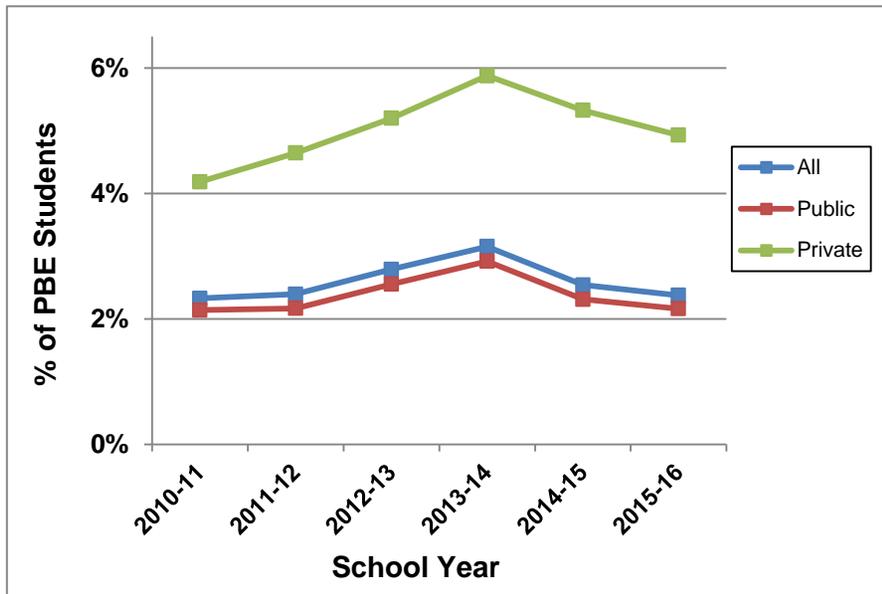


Figure 3. Percentage of Kindergarten PBEs, by School Type and School Year, 2010-11 to 2015-16

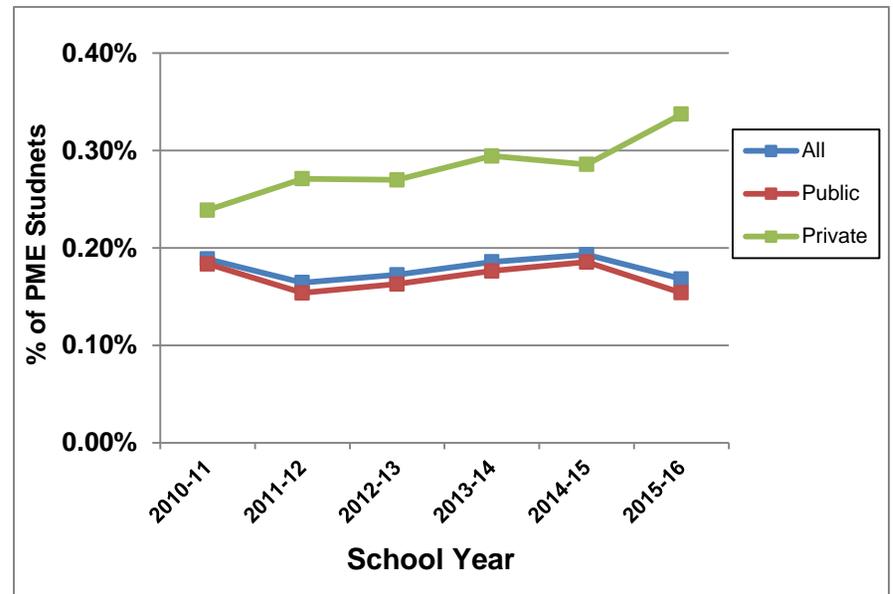


Figure 4. Percentage of Kindergarten PMEs, by School Type and School Year, 2010-11 to 2015-16

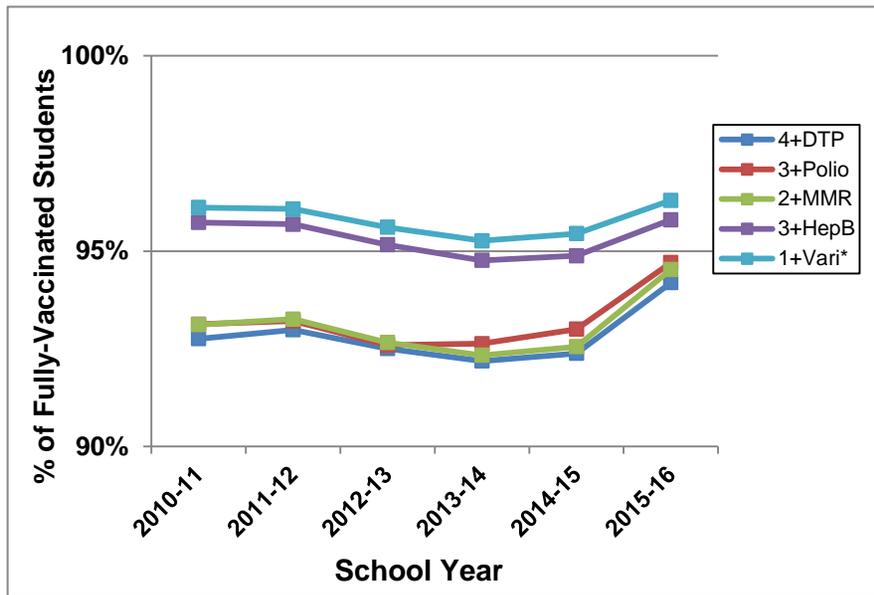


Figure 5. Percentage of Fully Vaccinated Kindergarten Students, by Vaccine Type and School Year, 2010-11 to 2015-16

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016  
 TABLE 2: NUMBER AND PERCENTAGE OF SCHOOLS REPORTING BY SCHOOL TYPE,  
 BY COUNTY

	SCHOOL 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	8,752	8,467	96.7%	6,351	6,275	98.8%	2,401	2,192	91.3%
COUNTY									
ALAMEDA	339	322	95.0%	234	228	97.4%	105	94	89.5%
ALPINE	1	1	100.0%	1	1	100.0%	0	0	0.0%
AMADOR	8	8	100.0%	8	8	100.0%	0	0	0.0%
BUTTE	68	67	98.5%	56	56	100.0%	12	11	91.7%
CALAVERAS	14	13	92.9%	13	13	100.0%	1	0	0.0%
COLUSA	8	8	100.0%	7	7	100.0%	1	1	100.0%
CONTRA COSTA	247	243	98.4%	169	168	99.4%	78	75	96.2%
DEL NORTE	12	12	100.0%	11	11	100.0%	1	1	100.0%
EL DORADO	47	47	100.0%	38	38	100.0%	9	9	100.0%
FRESNO	249	247	99.2%	217	217	100.0%	32	30	93.8%
GLENN	13	13	100.0%	11	11	100.0%	2	2	100.0%
HUMBOLDT	65	65	100.0%	56	56	100.0%	9	9	100.0%
IMPERIAL	47	47	100.0%	41	41	100.0%	6	6	100.0%
INYO	11	11	100.0%	11	11	100.0%	0	0	0.0%
KERN	200	195	97.5%	163	162	99.4%	37	33	89.2%
KINGS	44	44	100.0%	38	38	100.0%	6	6	100.0%
LAKE	24	22	91.7%	19	18	94.7%	5	4	80.0%
LASSEN	16	15	93.8%	16	15	93.8%	0	0	0.0%
LOS ANGELES	2,043	1,867	91.4%	1,360	1,318	96.9%	683	549	80.4%
MADERA	49	44	89.8%	42	39	92.9%	7	5	71.4%
MARIN	80	80	100.0%	50	50	100.0%	30	30	100.0%
MARIPOSA	12	12	100.0%	11	11	100.0%	1	1	0.0%
MENDOCINO	39	38	97.4%	33	32	97.0%	6	6	100.0%
MERCED	73	62	84.9%	58	55	94.8%	15	7	46.7%
MODOC	11	11	100.0%	9	9	100.0%	2	2	100.0%
MONO	6	6	100.0%	5	5	100.0%	1	1	100.0%
MONTEREY	97	97	100.0%	82	82	100.0%	15	15	100.0%
NAPA	41	41	100.0%	26	26	100.0%	15	15	100.0%

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STATE TOTAL	8,752	8,467	96.7%	6,351	6,275	98.8%	2,401	2,192	91.3%
COUNTY									
NEVADA	29	27	93.1%	23	23	100.0%	6	4	66.7%
ORANGE	649	649	100.0%	405	405	100.0%	244	244	100.0%
PLACER	102	100	98.0%	86	85	98.8%	16	15	93.8%
PLUMAS	9	8	88.9%	6	6	100.0%	3	2	66.7%
RIVERSIDE	419	419	100.0%	306	306	100.0%	113	113	100.0%
SACRAMENTO	321	300	93.5%	246	239	97.2%	75	61	81.3%
SAN BENITO	24	21	87.5%	19	16	84.2%	5	5	100.0%
SAN BERNARDINO	472	472	100.0%	362	362	100.0%	110	110	100.0%
SAN DIEGO	683	683	100.0%	501	501	100.0%	182	182	100.0%
SAN FRANCISCO	159	158	99.4%	77	77	100.0%	82	81	98.8%
SAN JOAQUIN	199	199	100.0%	170	170	100.0%	29	29	100.0%
SAN LUIS OBISPO	66	63	95.5%	48	48	100.0%	18	15	83.3%
SAN MATEO	170	170	100.0%	112	112	100.0%	58	58	100.0%
SANTA BARBARA	106	104	98.1%	79	79	100.0%	27	25	92.6%
SANTA CLARA	405	405	100.0%	264	264	100.0%	141	141	100.0%
SANTA CRUZ	68	65	95.6%	47	47	100.0%	21	18	85.7%
SHASTA	76	73	96.1%	61	60	98.4%	15	13	86.7%
SIERRA	3	3	100.0%	3	3	100.0%	0	0	0.0%
SISKIYOU	36	36	100.0%	32	32	100.0%	4	4	100.0%
SOLANO	78	72	92.3%	60	58	96.7%	18	14	77.8%
SONOMA	149	149	100.0%	117	117	100.0%	32	32	100.0%
STANISLAUS	140	138	98.6%	119	119	100.0%	21	19	90.5%
SUTTER	35	34	97.1%	31	31	100.0%	4	3	75.0%
TEHAMA	34	32	94.1%	32	32	100.0%	2	0	0.0%
TRINITY	15	15	100.0%	15	15	100.0%	0	0	0.0%
TULARE	133	129	97.0%	120	118	98.3%	13	11	84.6%
TUOLUMNE	24	23	95.8%	18	18	100.0%	6	5	83.3%
VENTURA	210	209	99.5%	145	145	100.0%	65	64	98.5%
YOLO	46	46	100.0%	35	35	100.0%	11	11	100.0%
YUBA	28	27	96.4%	27	26	96.3%	1	1	100.0%

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016  
TABLE 3: TOTAL ENROLLMENT AND ADMISSION STATUS,  
BY COUNTY

	TOTAL STUDENTS	ENTRANTS WITH ALL REQ. IMMUN.		CONDITIONAL ENTRANTS		ENTRANTS WITH PME		ENTRANTS WITH PBE		OVERDUE	
	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
STATE TOTAL	551,123	511,708	92.8%	24,424	4.4%	931	0.2%	13,086	2.4%	974	0.18%
COUNTY											
ALAMEDA	21,644	20,752	95.9%	534	2.5%	28	0.1%	263	1.2%	67	0.31%
ALPINE	6	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.00%
AMADOR	307	268	87.3%	20	6.5%	3	1.0%	10	3.3%	6	1.95%
BUTTE	2,936	2,654	90.4%	118	4.0%	6	0.2%	156	5.3%	2	0.07%
CALAVERAS	419	370	88.3%	3	0.7%	0	0.0%	44	10.5%	2	0.48%
COLUSA	408	407	99.8%	1	0.2%	0	0.0%	0	0.0%	0	0.00%
CONTRA COSTA	15,398	14,645	95.1%	415	2.7%	31	0.2%	304	2.0%	3	0.02%
DEL NORTE	344	304	88.4%	10	2.9%	0	0.0%	30	8.7%	0	0.00%
EL DORADO	2,246	2,031	90.4%	46	2.0%	7	0.3%	161	7.2%	1	0.04%
FRESNO	18,763	18,043	96.2%	512	2.7%	14	0.1%	181	1.0%	13	0.07%
GLENN	483	457	94.6%	10	2.1%	1	0.2%	12	2.5%	3	0.62%
HUMBOLDT	1,741	1,428	82.0%	121	7.0%	5	0.3%	181	10.4%	6	0.34%
IMPERIAL	3,200	3,051	95.3%	126	3.9%	5	0.2%	17	0.5%	1	0.03%
INYO	209	206	98.6%	1	0.5%	0	0.0%	2	1.0%	0	0.00%
KERN	16,492	15,715	95.3%	471	2.9%	26	0.2%	247	1.5%	33	0.20%
KINGS	2,588	2,507	96.9%	52	2.0%	3	0.1%	24	0.9%	2	0.08%
LAKE	804	747	92.9%	31	3.9%	6	0.7%	20	2.5%	0	0.00%
LASSEN	378	325	86.0%	14	3.7%	3	0.8%	36	9.5%	0	0.00%
LOS ANGELES	134,209	120,794	90.0%	11,061	8.2%	169	0.1%	1,995	1.5%	190	0.14%
MADERA	2,797	2,681	95.9%	68	2.4%	6	0.2%	40	1.4%	2	0.07%
MARIN	3,306	2,926	88.5%	176	5.3%	8	0.2%	196	5.9%	0	0.00%
MARIPOSA	157	128	81.5%	8	5.1%	0	0.0%	21	13.4%	0	0.00%
MENDOCINO	1,191	1,041	87.4%	52	4.4%	5	0.4%	85	7.1%	8	0.67%
MERCED	5,016	4,842	96.5%	102	2.0%	5	0.1%	39	0.8%	28	0.56%
MODOC	128	112	87.5%	13	10.2%	0	0.0%	1	0.8%	2	1.56%
MONO	144	127	88.2%	1	0.7%	0	0.0%	16	11.1%	0	0.00%
MONTEREY	6,960	6,593	94.7%	245	3.5%	16	0.2%	98	1.4%	8	0.11%
NAPA	1,750	1,635	93.4%	54	3.1%	3	0.2%	58	3.3%	0	0.00%
NEVADA	896	691	77.1%	30	3.3%	2	0.2%	165	18.4%	8	0.89%

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BY COUNTY

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	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
STATE TOTAL	551,123	511,708	92.8%	24,424	4.4%	931	0.2%	13,086	2.4%	974	0.18%
COUNTY											
ORANGE	42,007	38,848	92.5%	1,749	4.2%	92	0.2%	1,270	3.0%	48	0.11%
PLACER	5,756	5,113	88.8%	292	5.1%	8	0.1%	343	6.0%	0	0.00%
PLUMAS	188	162	86.2%	6	3.2%	3	1.6%	17	9.0%	0	0.00%
RIVERSIDE	34,506	32,857	95.2%	819	2.4%	71	0.2%	728	2.1%	31	0.09%
SACRAMENTO	20,649	18,281	88.5%	1,453	7.0%	29	0.1%	838	4.1%	48	0.23%
SAN BENITO	908	872	96.0%	19	2.1%	5	0.6%	11	1.2%	1	0.11%
SAN BERNARDINO	34,118	32,378	94.9%	938	2.7%	55	0.2%	651	1.9%	96	0.28%
SAN DIEGO	45,646	42,686	93.5%	1,088	2.4%	108	0.2%	1,631	3.6%	133	0.29%
SAN FRANCISCO	6,524	6,035	92.5%	382	5.9%	10	0.2%	96	1.5%	1	0.02%
SAN JOAQUIN	12,201	11,706	95.9%	267	2.2%	18	0.1%	159	1.3%	51	0.42%
SAN LUIS OBISPO	3,147	2,824	89.7%	140	4.4%	5	0.2%	174	5.5%	4	0.13%
SAN MATEO	9,757	9,285	95.2%	295	3.0%	14	0.1%	159	1.6%	4	0.04%
SANTA BARBARA	6,721	6,381	94.9%	92	1.4%	7	0.1%	240	3.6%	1	0.01%
SANTA CLARA	26,269	24,897	94.8%	842	3.2%	59	0.2%	437	1.7%	34	0.13%
SANTA CRUZ	3,567	3,120	87.5%	110	3.1%	13	0.4%	313	8.8%	11	0.31%
SHASTA	2,232	1,875	84.0%	160	7.2%	1	0.0%	187	8.4%	9	0.40%
SIERRA	27	27	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.00%
SISKIYOU	488	409	83.8%	35	7.2%	0	0.0%	38	7.8%	6	1.23%
SOLANO	5,592	5,303	94.8%	185	3.3%	9	0.2%	84	1.5%	11	0.20%
SONOMA	6,757	6,220	92.1%	169	2.5%	15	0.2%	327	4.8%	26	0.38%
STANISLAUS	9,397	8,920	94.9%	221	2.4%	16	0.2%	215	2.3%	25	0.27%
SUTTER	1,909	1,719	90.0%	31	1.6%	6	0.3%	150	7.9%	3	0.16%
TEHAMA	1,011	951	94.1%	27	2.7%	4	0.4%	28	2.8%	1	0.10%
TRINITY	139	107	77.0%	12	8.6%	0	0.0%	20	14.4%	0	0.00%
TULARE	9,267	8,996	97.1%	171	1.8%	7	0.1%	83	0.9%	10	0.11%
TUOLUMNE	569	442	77.7%	79	13.9%	1	0.2%	47	8.3%	0	0.00%
VENTURA	12,718	11,975	94.2%	374	2.9%	20	0.2%	316	2.5%	33	0.26%
YOLO	2,725	2,500	91.7%	128	4.7%	1	0.0%	95	3.5%	1	0.04%
YUBA	1,408	1,333	94.7%	45	3.2%	2	0.1%	27	1.9%	1	0.07%

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016

TABLE 4: NUMBER AND PERCENTAGE OF FULLY VACCINATED STUDENTS, AND 1 YEAR PERCENTAGE POINT CHANGE AND NUMBER OF FULLY VACCINATED STUDENTS COMPARED TO LAST YEAR, BY COUNTY

	2015-2016			2014-2015			1-YEAR CHANGE	
	TOTAL STUDENTS	NUMBER FULLY VACC	PERCENT	TOTAL	NUMBER FULLY VACC	PERCENT	PERCENT	NUMBER FULLY VACC
STATE TOTAL	551,123	511,708	92.9%	535,234	483,877	90.4%	+2.5%	27,831
COUNTY								
ALAMEDA	21,644	20,752	95.9%	20,801	18,427	88.6%	+7.3%	+2325
ALPINE	6	6	100.0%	0	0	0.0%	-	-
AMADOR	307	268	87.3%	268	246	91.8%	-4.5%	+22
BUTTE	2,936	2,654	90.4%	2,735	2,386	87.2%	+3.2%	+268
CALAVERAS	419	370	88.3%	408	333	81.6%	+6.7%	+37
COLUSA	408	407	99.8%	403	398	98.8%	+1.0%	+9
CONTRA COSTA	15,398	14,645	95.1%	14,651	13,747	93.8%	+1.3%	+898
DEL NORTE	344	304	88.4%	331	294	88.8%	-0.4%	+10
EL DORADO	2,246	2,031	90.4%	2,195	1,982	90.3%	+0.1%	+49
FRESNO	18,763	18,043	96.2%	17,965	17,095	95.2%	+1.0%	+948
GLENN	483	457	94.6%	312	301	96.5%	-1.9%	+156
HUMBOLDT	1,741	1,428	82.0%	1,613	1,221	75.7%	+6.3%	+207
IMPERIAL	3,200	3,051	95.3%	3,110	2,905	93.4%	+1.9%	+146
INYO	209	206	98.6%	243	233	95.9%	+2.7%	-27
KERN	16,492	15,715	95.3%	16,098	15,051	93.5%	+1.8%	+664
KINGS	2,588	2,507	96.9%	2,722	2,633	96.7%	+0.1%	-126
LAKE	804	747	92.9%	845	768	90.9%	+2.0%	-21
LASSEN	378	325	86.0%	358	300	83.8%	+2.2%	+25
LOS ANGELES	134,209	120,794	90.0%	130,146	111,884	86.0%	+4.0%	+8910
MADERA	2,797	2,681	95.9%	2,246	2,088	93.0%	+2.9%	+593
MARIN	3,306	2,926	88.5%	3,334	2,806	84.2%	+4.3%	+120
MARIPOSA	157	128	81.5%	168	134	79.8%	+1.8%	-6
MENDOCINO	1,191	1,041	87.4%	1,191	967	81.2%	+6.2%	+74
MERCED	5,016	4,842	96.5%	5,199	4,948	95.2%	+1.4%	-106
MODOC	128	112	87.5%	111	103	92.8%	-5.3%	+9
MONO	144	127	88.2%	148	128	86.5%	+1.7%	-1
MONTEREY	6,960	6,593	94.7%	6,984	6,178	88.5%	+6.3%	+415
NAPA	1,750	1,635	93.4%	1,921	1,796	93.5%	-0.1%	-161
NEVADA	896	691	77.1%	854	620	72.6%	+4.5%	+71

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016

TABLE 4: NUMBER AND PERCENTAGE OF FULLY VACCINATED STUDENTS, AND 1 YEAR PERCENTAGE POINT CHANGE AND NUMBER OF FULLY VACCINATED STUDENTS COMPARED TO LAST YEAR, BY COUNTY

	2015-2016			2014-2015			1-YEAR CHANGE	
	TOTAL STUDENTS	NUMBER FULLY VACC	PERCENT	TOTAL	NUMBER FULLY VACC	PERCENT	PERCENT	NUMBER FULLY VACC
STATE TOTAL	551,123	511,708	92.9%	535,234	483,877	90.4%	+2.5%	27,831
COUNTY								
ORANGE	42,007	38,848	92.5%	42,076	37,891	90.1%	+2.4%	+957
PLACER	5,756	5,113	88.8%	5,524	4,773	86.4%	+2.4%	+340
PLUMAS	188	162	86.2%	149	126	84.6%	+1.6%	+36
RIVERSIDE	34,506	32,857	95.2%	34,377	32,439	94.4%	+0.9%	+418
SACRAMENTO	20,649	18,281	88.5%	19,527	17,065	87.4%	+1.1%	+1,216
SAN BENITO	908	872	96.0%	897	868	96.8%	+0.7%	+4
SAN BERNARDINO	34,118	32,378	94.9%	33,818	31,706	93.8%	+1.1%	+672
SAN DIEGO	45,646	42,686	93.5%	43,827	40,468	92.3%	+1.2%	+2,218
SAN FRANCISCO	6,524	6,035	92.5%	6,560	5,670	86.4%	+6.1%	+365
SAN JOAQUIN	12,201	11,706	95.9%	11,742	11,221	95.6%	+0.4%	+485
SAN LUIS OBISPO	3,147	2,824	89.7%	2,982	2,599	87.2%	+2.6%	+225
SAN MATEO	9,757	9,285	95.2%	9,343	8,740	93.5%	+1.6%	+545
SANTA BARBARA	6,721	6,381	94.9%	6,641	6,269	94.4%	+0.5%	+112
SANTA CLARA	26,269	24,897	94.8%	24,541	22,893	93.3%	+1.5%	+2,004
SANTA CRUZ	3,567	3,120	87.5%	3,680	3,082	83.8%	+3.7%	+38
SHASTA	2,232	1,875	84.0%	2,245	1,899	84.6%	-0.6%	-24
SIERRA	27	27	100.0%	28	28	100.0%	-	-
SISKIYOU	488	409	83.8%	510	422	82.7%	+1.1%	-13
SOLANO	5,592	5,303	94.8%	5,273	4,982	94.5%	+0.4%	+321
SONOMA	6,757	6,220	92.1%	6,552	5,900	90.0%	+2.0%	+320
STANISLAUS	9,397	8,920	94.9%	8,921	8,335	93.4%	+1.5%	+585
SUTTER	1,909	1,719	90.0%	1,852	1,675	90.4%	-0.4%	+44
TEHAMA	1,011	951	94.1%	987	926	93.8%	+0.2%	+25
TRINITY	139	107	77.0%	114	93	81.6%	-4.6%	+14
TULARE	9,267	8,996	97.1%	9,315	8,992	96.5%	+0.5%	+4
TUOLUMNE	569	442	77.7%	462	358	77.5%	+0.2%	+84
VENTURA	12,718	11,975	94.2%	12,163	10,955	90.1%	+4.1%	+1,020
YOLO	2,725	2,500	91.7%	2,504	2,318	92.6%	-0.8%	+182
YUBA	1,408	1,333	94.7%	1,264	1,212	95.9%	-1.2%	+121

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016

TABLE 5: NUMBER AND PERCENTAGE OF 'CONDITIONAL' STUDENTS, AND 1 YEAR PERCENTAGE POINT CHANGE AND NUMBER OF 'CONDITIONAL' STUDENTS COMPARED TO LAST YEAR, BY COUNTY

	2015-2016			2014-2015			1-YEAR CHANGE	
	TOTAL	CONDITIONALS	PERCENT	TOTAL	CONDITIONALS	PERCENT	PERCENT	CONDITIONALS
STATE TOTAL	551,123	24,424	4.4%	535,234	36,731	6.9%	-2.5%	-12,307
COUNTY								
ALAMEDA	21,644	534	2.5%	20,801	2,014	9.7%	-7.2%	-1,480
ALPINE	6	0	0.0%	0	0	-	-	-
AMADOR	307	20	6.5%	268	15	5.6%	+0.9%	+5
BUTTE	2,936	118	4.0%	2,735	170	6.2%	-2.2%	-52
CALAVERAS	419	3	0.7%	408	41	10.0%	-9.3%	-38
COLUSA	408	1	0.2%	403	3	0.7%	-0.5%	-2
CONTRA COSTA	15,398	415	2.7%	14,651	602	4.1%	-1.4%	-187
DEL NORTE	344	10	2.9%	331	8	2.4%	+0.5%	+2
EL DORADO	2,246	46	2.0%	2,195	41	1.9%	+0.1%	+5
FRESNO	18,763	512	2.7%	17,965	658	3.7%	-1.0%	-146
GLENN	483	10	2.1%	312	7	2.2%	-0.1%	+3
HUMBOLDT	1,741	121	7.0%	1,613	210	13.0%	-6.0%	-89
IMPERIAL	3,200	126	3.9%	3,110	188	6.0%	-2.1%	-62
INYO	209	1	0.5%	243	5	2.1%	-1.6%	-4
KERN	16,492	471	2.9%	16,098	669	4.2%	-1.3%	-198
KINGS	2,588	52	2.0%	2,722	62	2.3%	-0.3%	-10
LAKE	804	31	3.9%	845	36	4.3%	-0.4%	-5
LASSEN	378	14	3.7%	358	30	8.4%	-4.7%	-16
LOS ANGELES	134,209	11,061	8.2%	130,146	15,983	12.3%	-4.1%	-4,922
MADERA	2,797	68	2.4%	2,246	108	4.8%	-2.4%	-40
MARIN	3,306	176	5.3%	3,334	307	9.2%	-3.9%	-131
MARIPOSA	157	8	5.1%	168	10	6.0%	-0.9%	-2
MENDOCINO	1,191	52	4.4%	1,191	146	12.3%	-7.9%	-94
MERCED	5,016	102	2.0%	5,199	198	3.8%	-1.8%	-96
MODOC	128	13	10.2%	111	5	4.5%	+5.7%	+8
MONO	144	1	0.7%	148	4	2.7%	-2.0%	-3
MONTEREY	6,960	245	3.5%	6,984	686	9.8%	-6.3%	-441
NAPA	1,750	54	3.1%	1,921	61	3.2%	-0.1%	-7
NEVADA	896	30	3.3%	854	46	5.4%	-2.0%	-16

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016

TABLE 5: NUMBER AND PERCENTAGE OF 'CONDITIONAL' STUDENTS, AND 1 YEAR PERCENTAGE POINT CHANGE AND NUMBER OF 'CONDITIONAL' STUDENTS COMPARED TO LAST YEAR, BY COUNTY

	2015-2016			2014-2015			1-YEAR CHANGE	
	TOTAL	CONDITIONALS	PERCENT	TOTAL	CONDITIONALS	PERCENT	PERCENT	CONDITIONALS
STATE TOTAL	551,123	24,424	4.4%	535,234	36,731	6.9%	-2.5%	-12,307
COUNTY								
ORANGE	42,007	1,749	4.2%	42,076	2,806	6.7%	-2.5%	-1,057
PLACER	5,756	292	5.1%	5,524	286	5.2%	-0.1%	+6
PLUMAS	188	6	3.2%	149	13	8.7%	-5.5%	-7
RIVERSIDE	34,506	819	2.4%	34,377	1,025	3.0%	-0.6%	-206
SACRAMENTO	20,649	1,453	7.0%	19,527	1,536	7.9%	-0.8%	-83
SAN BENITO	908	19	2.1%	897	16	1.8%	+0.3%	+3
SAN BERNARDINO	34,118	938	2.7%	33,818	1,317	3.9%	-1.1%	-379
SAN DIEGO	45,646	1,088	2.4%	43,827	1,744	4.0%	-1.6%	-656
SAN FRANCISCO	6,524	382	5.9%	6,560	762	11.6%	-5.8%	-380
SAN JOAQUIN	12,201	267	2.2%	11,742	367	3.1%	-0.9%	-100
SAN LUIS OBISPO	3,147	140	4.4%	2,982	207	6.9%	-2.5%	-67
SAN MATEO	9,757	295	3.0%	9,343	412	4.4%	-1.4%	-117
SANTA BARBARA	6,721	92	1.4%	6,641	168	2.5%	-1.2%	-76
SANTA CLARA	26,269	842	3.2%	24,541	1,203	4.9%	-1.7%	-361
SANTA CRUZ	3,567	110	3.1%	3,680	243	6.6%	-3.5%	-133
SHASTA	2,232	160	7.2%	2,245	173	7.7%	-0.5%	-13
SIERRA	27	0	0.0%	28	0	0.0%	-	-
SISKIYOU	488	35	7.2%	510	57	11.2%	-4.0%	-22
SOLANO	5,592	185	3.3%	5,273	192	3.6%	-0.3%	-7
SONOMA	6,757	169	2.5%	6,552	275	4.2%	-1.7%	-106
STANISLAUS	9,397	221	2.4%	8,921	282	3.2%	-0.8%	-61
SUTTER	1,909	31	1.6%	1,852	63	3.4%	-1.8%	-32
TEHAMA	1,011	27	2.7%	987	19	1.9%	+0.7%	+8
TRINITY	139	12	8.6%	114	11	9.6%	-1.0%	+1
TULARE	9,267	171	1.8%	9,315	221	2.4%	-0.5%	-50
TUOLUMNE	569	79	13.9%	462	69	14.9%	-1.1%	+10
VENTURA	12,718	374	2.9%	12,163	825	6.8%	-3.8%	-451
YOLO	2,725	128	4.7%	2,504	103	4.1%	+0.6%	+25
YUBA	1,408	45	3.2%	1,264	23	1.8%	+1.4%	+22

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016

TABLE 6: NUMBER AND PERCENTAGE OF PBE STUDENTS AND PERCENTAGE POINT CHANGE COMPARED TO LAST YEAR, BY COUNTY

	TOTAL STUDENTS	STUDENTS WITH PBE							
		PBE TYPE				TOTAL PBE			
		HEALTH CARE PRACTITIONER		RELIGIOUS		2015-16		2014-15	PERCENTAGE POINT CHANGE
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	PERCENT	
STATE TOTAL	551,123	9,987	1.81%	3,099	0.56%	13,086	2.37%	2.54%	-0.17%
COUNTY									
ALAMEDA	21644	214	0.99%	49	0.23%	263	1.22%	1.54%	-0.33%
ALPINE	6	0	0.00%	0	0.00%	0	0.00%	0.00%	0.00%
AMADOR	307	8	2.61%	2	0.65%	10	3.26%	2.61%	+0.65%
BUTTE	2936	114	3.88%	42	1.43%	156	5.31%	5.96%	-0.65%
CALAVERAS	419	28	6.68%	16	3.82%	44	10.50%	8.33%	+2.17%
COLUSA	408	0	0.00%	0	0.00%	0	0.00%	0.50%	-0.50%
CONTRA COSTA	15398	231	1.50%	73	0.47%	304	1.97%	1.90%	+0.07%
DEL NORTE	344	13	3.78%	17	4.94%	30	8.72%	7.55%	+1.17%
EL DORADO	2246	108	4.81%	53	2.36%	161	7.17%	7.61%	-0.44%
FRESNO	18763	114	0.61%	67	0.36%	181	0.96%	1.03%	-0.07%
GLENN	483	10	2.07%	2	0.41%	12	2.48%	0.96%	+1.52%
HUMBOLDT	1741	142	8.16%	39	2.24%	181	10.40%	10.85%	-0.45%
IMPERIAL	3200	10	0.31%	7	0.22%	17	0.53%	0.45%	+0.08%
INYO	209	0	0.00%	2	0.96%	2	0.96%	2.06%	-1.10%
KERN	16492	176	1.07%	71	0.43%	247	1.50%	1.77%	-0.27%
KINGS	2588	21	0.81%	3	0.12%	24	0.93%	0.81%	-0.12%
LAKE	804	16	1.99%	4	0.50%	20	2.49%	4.85%	-2.36%
LASSEN	378	12	3.17%	24	6.35%	36	9.52%	7.82%	+1.70%
LOS ANGELES	134,209	1485	1.11%	510	0.38%	1,995	1.49%	1.62%	-0.13%
MADERA	2,797	27	0.97%	13	0.46%	40	1.43%	2.00%	-0.57%
MARIN	3,306	195	5.90%	1	0.03%	196	5.93%	6.45%	-0.52%
MARIPOSA	157	17	10.83%	4	2.55%	21	13.38%	14.29%	-0.91%
MENDOCINO	1,191	63	5.29%	22	1.85%	85	7.14%	6.30%	-0.84%
MERCED	5,016	25	0.50%	14	0.28%	39	0.78%	0.98%	-0.20%
MODOC	128	0	0.00%	1	0.78%	1	0.78%	2.70%	-1.92%
MONO	144	12	8.33%	4	2.78%	16	11.11%	10.81%	-0.30%
MONTEREY	6,960	70	1.01%	28	0.40%	98	1.41%	1.60%	-0.19%
NAPA	1,750	35	2.00%	23	1.31%	58	3.31%	3.18%	+0.14%
NEVADA	896	151	16.85%	14	1.56%	165	18.42%	21.55%	-3.13%

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016

TABLE 6: NUMBER AND PERCENTAGE OF PBE STUDENTS AND PERCENTAGE POINT CHANGE COMPARED TO LAST YEAR, BY COUNTY

	TOTAL STUDENTS	STUDENTS WITH PBE							
		PBE TYPE				TOTAL PBE			
		HEALTH CARE PRACTITIONER		RELIGIOUS		2015-16		2014-15	PERCENTAGE POINT CHANGE
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	PERCENT	
STATE TOTAL	551,123	9,987	1.81%	3,099	0.56%	13,086	2.37%	2.54%	-0.17%
COUNTY									
ORANGE	42,007	1,072	2.55%	198	0.47%	1,270	3.02%	2.99%	+0.03%
PLACER	5,756	264	4.59%	79	1.37%	343	5.96%	8.00%	-2.04%
PLUMAS	188	17	9.04%	0	0.00%	17	9.04%	6.71%	+2.33%
RIVERSIDE	34,506	589	1.71%	139	0.40%	728	2.11%	2.48%	-0.37%
SACRAMENTO	20,649	564	2.73%	274	1.33%	838	4.06%	4.54%	-0.48%
SAN BENITO	908	10	1.10%	1	0.11%	11	1.21%	1.23%	-0.01%
SAN BERNARDINO	34,118	468	1.37%	183	0.54%	651	1.91%	2.18%	-0.27%
SAN DIEGO	45,646	1,177	2.58%	454	0.99%	1,631	3.57%	3.46%	+0.11%
SAN FRANCISCO	6,524	77	1.18%	19	0.29%	96	1.47%	1.80%	-0.33%
SAN JOAQUIN	12,201	115	0.94%	44	0.36%	159	1.30%	1.13%	-0.17%
SAN LUIS OBISPO	3,147	145	4.61%	29	0.92%	174	5.53%	5.53%	0.00%
SAN MATEO	9,757	150	1.54%	9	0.09%	159	1.63%	1.85%	-0.22%
SANTA BARBARA	6,721	178	2.65%	62	0.92%	240	3.57%	2.94%	-0.63%
SANTA CLARA	26,269	323	1.23%	114	0.43%	437	1.66%	1.57%	-0.09%
SANTA CRUZ	3,567	250	7.01%	63	1.77%	313	8.77%	9.35%	-0.57%
SHASTA	2,232	145	6.50%	42	1.88%	187	8.38%	7.53%	-0.85%
SIERRA	27	0	0.00%	0	0.00%	0	0.00%	0.00%	0.00%
SISKIYOU	488	26	5.33%	12	2.46%	38	7.79%	6.08%	-1.71%
SOLANO	5,592	77	1.38%	7	0.13%	84	1.50%	1.80%	-0.30%
SONOMA	6,757	298	4.41%	29	0.43%	327	4.84%	5.54%	-0.70%
STANISLAUS	9,397	162	1.72%	53	0.56%	215	2.29%	3.25%	-0.96%
SUTTER	1,909	86	4.50%	64	3.35%	150	7.86%	5.83%	+2.02%
TEHAMA	1,011	27	2.67%	1	0.10%	28	2.77%	4.15%	-1.38%
TRINITY	139	15	10.79%	5	3.60%	20	14.39%	8.77%	+5.62%
TULARE	9,267	70	0.76%	13	0.14%	83	0.90%	0.96%	-0.06%
TUOLUMNE	569	27	4.75%	20	3.51%	47	8.26%	7.36%	-0.90%
VENTURA	12,718	247	1.94%	69	0.54%	316	2.48%	3.05%	-0.57%
YOLO	2,725	89	3.27%	6	0.22%	95	3.49%	3.23%	-0.25%
YUBA	1,408	22	1.56%	5	0.36%	27	1.92%	2.22%	-0.30%

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016  
 TABLE 7: NUMBER AND PERCENTAGE OF FULLY VACCINATED STUDENTS 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	551,123	519,114	94.2%	521,935	94.7%	520,974	94.5%	527,991	95.8%	530,716	96.3%
COUNTY											
ALAMEDA	21644	20,952	96.8%	21,018	97.1%	21,012	97.1%	21,074	97.4%	21,175	97.8%
ALPINE	6	6	100.0%	6	100.0%	6	100.0%	6	100.0%	6	100.0%
AMADOR	307	275	89.6%	276	89.9%	273	88.9%	286	93.2%	287	93.5%
BUTTE	2936	2,683	91.4%	2,706	92.2%	2,681	91.3%	2,734	93.1%	2,738	93.3%
CALAVERAS	419	371	88.5%	372	88.8%	372	88.8%	373	89.0%	373	89.0%
COLUSA	408	407	99.8%	407	99.8%	407	99.8%	408	100.0%	407	99.8%
CONTRA COSTA	15398	14,776	96.0%	14,811	96.2%	14,828	96.3%	14,926	96.9%	14,980	97.3%
DEL NORTE	344	306	89.0%	305	88.7%	306	89.0%	307	89.2%	309	89.8%
EL DORADO	2246	2,042	90.9%	2,053	91.4%	2,054	91.5%	2,058	91.6%	2,071	92.2%
FRESNO	18763	18,179	96.9%	18,264	97.3%	18,279	97.4%	18,425	98.2%	18,485	98.5%
GLENN	483	459	95.0%	462	95.7%	460	95.2%	466	96.5%	466	96.5%
HUMBOLDT	1741	1,467	84.3%	1,467	84.3%	1,471	84.5%	1,489	85.5%	1,514	87.0%
IMPERIAL	3200	3,095	96.7%	3,112	97.3%	3,094	96.7%	3,147	98.3%	3,155	98.6%
INYO	209	207	99.0%	207	99.0%	206	98.6%	207	99.0%	206	98.6%
KERN	16492	15,867	96.2%	15,995	97.0%	15,933	96.6%	16,063	97.4%	16,144	97.9%
KINGS	2588	2,517	97.3%	2,542	98.2%	2,547	98.4%	2,550	98.5%	2,558	98.8%
LAKE	804	757	94.2%	757	94.2%	755	93.9%	770	95.8%	778	96.8%
LASSEN	378	329	87.0%	331	87.6%	331	87.6%	334	88.4%	336	88.9%
LOS ANGELES	134209	124,321	92.6%	125,031	93.2%	124,562	92.8%	127,894	95.3%	128,632	95.8%
MADERA	2,797	2,693	96.3%	2,717	97.1%	2,722	97.3%	2,732	97.7%	2,738	97.9%
MARIN	3,306	2,993	90.5%	3,011	91.1%	3,009	91.0%	3,033	91.7%	3,069	92.8%
MARIPOSA	157	129	82.2%	133	84.7%	131	83.4%	134	85.4%	135	86.0%
MENDOCINO	1,191	1,054	88.5%	1,061	89.1%	1,071	89.9%	1,070	89.8%	1,081	90.8%
MERCED	5,016	4,868	97.0%	4,883	97.3%	4,883	97.3%	4,911	97.9%	4,931	98.3%
MODOC	128	113	88.3%	116	90.6%	114	89.1%	120	93.8%	120	93.8%
MONO	144	127	88.2%	127	88.2%	127	88.2%	128	88.9%	128	88.9%
MONTEREY	6,960	6,661	95.7%	6,697	96.2%	6,704	96.3%	6,764	97.2%	6,790	97.6%
NAPA	1,750	1,654	94.5%	1,659	94.8%	1,651	94.3%	1,670	95.4%	1,686	96.3%
NEVADA	896	701	78.2%	702	78.3%	701	78.2%	711	79.4%	709	79.1%

KINDERGARTEN ASSESSMENT - CALIFORNIA, 2015-2016  
 TABLE 7: NUMBER AND PERCENTAGE OF FULLY VACCINATED STUDENTS 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	551,123	519,114	94.2%	521,935	94.7%	520,974	94.5%	527,991	95.8%	530,716	96.3%
COUNTY											
ORANGE	42,007	39,374	93.7%	39,621	94.3%	39,568	94.2%	40,130	95.5%	40,334	96.0%
PLACER	5,756	5,208	90.5%	5,242	91.1%	5,207	90.5%	5,307	92.2%	5,369	93.3%
PLUMAS	188	164	87.2%	163	86.7%	163	86.7%	168	89.4%	167	88.8%
RIVERSIDE	34,506	33,073	95.8%	33,285	96.5%	33,258	96.4%	33,433	96.9%	33,587	97.3%
SACRAMENTO	20,649	18,533	89.8%	18,815	91.1%	18,650	90.3%	19,354	93.7%	19,506	94.5%
SAN BENITO	908	878	96.7%	878	96.7%	875	96.4%	884	97.4%	887	97.7%
SAN BERNARDINO	34,118	32,592	95.5%	32,803	96.1%	32,757	96.0%	32,960	96.6%	33,112	97.1%
SAN DIEGO	45,646	43,078	94.4%	43,212	94.7%	43,184	94.6%	43,360	95.0%	43,596	95.5%
SAN FRANCISCO	6,524	6,120	93.8%	6,152	94.3%	6,165	94.5%	6,241	95.7%	6,270	96.1%
SAN JOAQUIN	12,201	11,810	96.8%	11,845	97.1%	11,828	96.9%	11,898	97.5%	11,934	97.8%
SAN LUIS OBISPO	3,147	2,859	90.8%	2,864	91.0%	2,891	91.9%	2,937	93.3%	2,949	93.7%
SAN MATEO	9,757	9,396	96.3%	9,452	96.9%	9,420	96.5%	9,477	97.1%	9,527	97.6%
SANTA BARBARA	6,721	6,435	95.7%	6,441	95.8%	6,428	95.6%	6,436	95.8%	6,469	96.3%
SANTA CLARA	26,269	25,181	95.9%	25,310	96.3%	25,285	96.3%	25,518	97.1%	25,615	97.5%
SANTA CRUZ	3,567	3,184	89.3%	3,185	89.3%	3,189	89.4%	3,171	88.9%	3,220	90.3%
SHASTA	2,232	1,898	85.0%	1,912	85.7%	1,914	85.8%	1,993	89.3%	2,008	90.0%
SIERRA	27	27	100.0%	27	100.0%	27	100.0%	27	100.0%	27	100.0%
SISKIYOU	488	418	85.7%	421	86.3%	417	85.5%	426	87.3%	425	87.1%
SOLANO	5,592	5,347	95.6%	5,388	96.4%	5,368	96.0%	5,429	97.1%	5,471	97.8%
SONOMA	6,757	6,297	93.2%	6,302	93.3%	6,317	93.5%	6,309	93.4%	6,357	94.1%
STANISLAUS	9,397	8,982	95.6%	9,009	95.9%	8,997	95.7%	9,089	96.7%	9,127	97.1%
SUTTER	1,909	1,726	90.4%	1,733	90.8%	1,732	90.7%	1,740	91.1%	1,748	91.6%
TEHAMA	1,011	959	94.9%	970	95.9%	965	95.5%	970	95.9%	971	96.0%
TRINITY	139	109	78.4%	109	78.4%	107	77.0%	113	81.3%	114	82.0%
TULARE	9,267	9,039	97.5%	9,081	98.0%	9,094	98.1%	9,129	98.5%	9,158	98.8%
TUOLUMNE	569	460	80.8%	466	81.9%	462	81.2%	500	87.9%	495	87.0%
VENTURA	12,718	12,066	94.9%	12,114	95.3%	12,114	95.3%	12,252	96.3%	12,291	96.6%
YOLO	2,725	2,541	93.2%	2,546	93.4%	2,549	93.5%	2,576	94.5%	2,599	95.4%
YUBA	1,408	1,351	96.0%	1,361	96.7%	1,353	96.1%	1,374	97.6%	1,376	97.7%