2012- 2013 7TH GRADE IMMUNIZATION ASSESSMENT RESULTS
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, IMMUNIZATION BRANCH

Introduction

Under Assembly Bill 354 (2010), California Health and Safety Code Section 120335 required students in 7-12th grade during the 2011-2012 school year and 7th grade for future years to provide documentation of either having received a booster immunization against pertussis or an exemption to immunization. The pertussis booster immunization recommended for adolescents is known as 'Tdap'. This report summarizes the assessment of the 7th grade pertussis immunization (Tdap) requirement based on reporting from California schools. The attached tables present immunization rates by county and grade level.

Methods

Staff from 4,704 of California's schools with 7th graders submitted immunization assessment reports to local health departments and CDPH Immunization Branch. Students were considered to have completed the Tdap immunization requirement if they had received one dose of any immunization (Tdap, DTaP or DTP) that protects against pertussis on or after their 7th birthday.

Results

Table 1 summarizes and compares the results from the 2011-12 to 2012-13 7th Grade Pertussis (Tdap) assessment. Of 510,378 students enrolled in 2012-13 the 4,704 schools that reported, 495,923 (97.2%) completed the pertussis immunization (Tdap) requirement. There were 831 (0.16%) students with permanent medical exemptions (PMEs) and 13,624 (2.67%) students with personal belief exemption (PBEs) during 2012-13. The percent of students that completed pertussis immunization (Tdap) requirement remained at 97% this year, and decreased slightly by .05%. Students with PMEs increased from 0.13% to 0.16% and PBEs increased from 2.18% to 2.67% (Figure 1). A slightly higher percentage of students in public schools completed the pertussis immunization (Tdap) requirement compared with private schools during both school years (Table 1). A lower percentage of students in public schools both years received an exemption (Table 1 and Figure 2 and 3).

Table 1: 7th Grade Immunization Assessment: Comparison Between Fall 2011-12 to Fall 2012-2013

	All Schools		Public		Private	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
Number of Schools	4,781	4,704	2,821	2,840	1,960	1,864
Number of Students	500,348	510,378	461,548	471,195	38,800	39,183
Completed Tdap*	97.7%	97.2%	97.9%	97.4%	95.2%	94.4%
Permanent Medical Exemptions (PMEs)	0.13%	0.16%	0.13%	0.15%	0.20%	0.36%
Personal Belief Exemptions (PBEs)	2.18%	2.67%	1.97%	2.46%	4.60%	5.20%

*Received pertussis-containing immunization (Tdap, DTaP, DTP) on or after 7th birthday

Figure 1: Percentage of California 7th Graders with a PME or PBE, 2011-12 and 2012-13 School Years

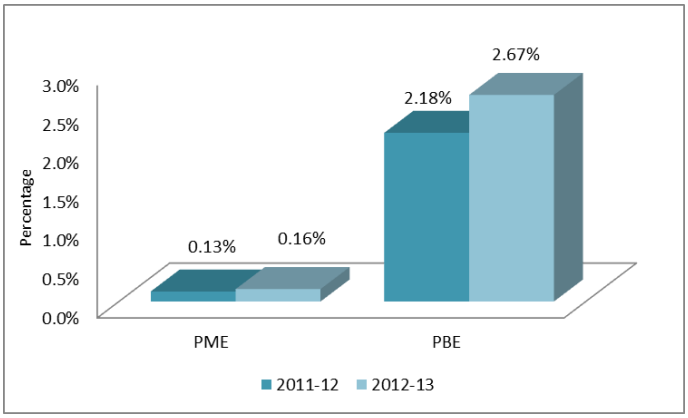


Figure 2: Percentage of California 7th Graders with a PME in Public and Private Schools, 2011-12 and 2012-13 School Years

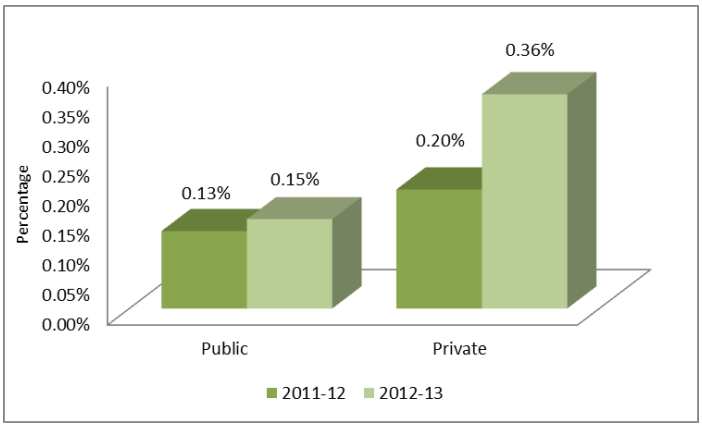
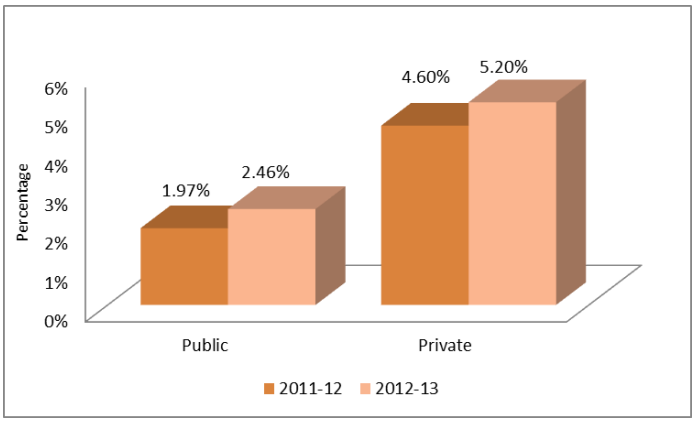


Figure 3: Percentage of California 7th Graders with a PBE in Public and Private Schools, 2011-12 and 2012-13 School Years



Description of Attached Tables

Enclosed is a full set of tables showing this year's results. Table 2 shows total enrollment and admission status by county. Table 3 shows the number of schools reporting by county and type (public or private).

For further information, please contact Teresa Lee at (510) 620-3746 or Teresa.Lee2@cdph.ca.gov or Kathleen Abanilla at (510) 620-3757 or Kathleen.Abanilla@cdph.ca.gov at the California Department of Public Health, Immunization Branch.

7TH GRADE ASSESSMENT - CALIFORNIA, 2012-2013
TABLE 2: TOTAL ENROLLMENT AND ADMISSION STATUS
BY COUNTY

	TOTAL STUDENTS	ENTRANTS WITH TDAP COMPLETED		ENTRANTS WITH PME		ENTRANTS WITH PBE	
	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
STATE TOTAL	510,832	496,369	97.17%	831	0.16%	13,632	2.67%
COUNTY							
ALAMEDA	18,332	18,069	98.57%	22	0.12%	241	1.31%
ALPINE	3	3	100.00%	0	0.00%	0	0.00%
AMADOR	380	333	87.63%	39	10.26%	8	2.11%
BERKELEY CITY	913	908	99.45%	0	0.00%	5	0.55%
BUTTE	2,419	2,261	93.47%	0	0.00%	158	6.53%
CALAVERAS	476	441	92.65%	1	0.21%	34	7.14%
COLUSA	342	338	98.83%	1	0.29%	3	0.88%
CONTRA COSTA	14,945	14,643	97.98%	17	0.11%	285	1.91%
DEL NORTE	338	293	86.69%	2	0.59%	43	12.72%
EL DORADO	2,178	2,008	92.19%	0	0.00%	170	7.81%
FRESNO	15,280	14,979	98.03%	37	0.24%	264	1.73%
GLENN	436	426	97.71%	0	0.00%	10	2.29%
HUMBOLDT	1,325	1,132	85.43%	7	0.53%	186	14.04%
IMPERIAL	2,939	2,928	99.63%	1	0.03%	10	0.34%
INYO	229	223	97.38%	0	0.00%	6	2.62%
KERN	14,397	14,087	97.85%	34	0.24%	276	1.92%
KINGS	2,187	2,162	98.86%	2	0.09%	23	1.05%
LAKE	722	649	89.89%	0	0.00%	73	10.11%
LASSEN	320	270	84.38%	6	1.88%	44	13.75%
LONG BEACH	209	209	100.00%	0	0.00%	0	0.00%
LOS ANGELES	127,713	124,969	97.85%	202	0.16%	2,542	1.99%
MADERA	2,264	2,179	96.25%	3	0.13%	82	3.62%
MARIN	3,031	2,937	96.90%	7	0.23%	87	2.87%
MARIPOSA	48	41	85.42%	0	0.00%	7	14.58%
MENDOCINO	1,036	937	90.44%	5	0.48%	94	9.07%
MERCED	3,549	3,512	98.96%	1	0.03%	36	1.01%
MODOC	139	106	76.26%	0	0.00%	33	23.74%
MONO	112	109	97.32%	0	0.00%	3	2.68%
MONTEREY	5,612	5,471	97.49%	7	0.12%	134	2.39%

7TH GRADE ASSESSMENT - CALIFORNIA, 2012-2013
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BY COUNTY

	TOTAL STUDENTS	ENTRANTS WITH TDAP COMPLETED		ENTRANTS WITH PME		ENTRANTS WITH PBE	
	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
STATE TOTAL	510,832	496,369	97.17%	831	0.16%	13,632	2.67%
COUNTY							
NAPA	1,759	1,684	95.74%	2	0.11%	73	4.15%
NEVADA	855	689	80.58%	0	0.00%	166	19.42%
ORANGE	44,132	42,927	97.27%	55	0.12%	1,150	2.61%
PLACER	5,641	5,217	92.48%	1	0.02%	423	7.50%
PLUMAS	168	155	92.26%	0	0.00%	13	7.74%
RIVERSIDE	35,614	34,636	97.25%	36	0.10%	942	2.65%
SACRAMENTO	19,170	18,353	95.74%	52	0.27%	765	3.99%
SANTA BARBARA	5,634	5,447	96.68%	6	0.11%	181	3.21%
SANTA CLARA	23,319	23,015	98.70%	21	0.09%	283	1.21%
SANTA CRUZ	3,319	3,079	92.77%	4	0.12%	236	7.11%
SAN BENITO	867	849	97.92%	2	0.23%	16	1.85%
SAN BERNARDINO	31,864	30,995	97.27%	107	0.34%	762	2.39%
SAN DIEGO	40,244	38,786	96.38%	77	0.19%	1,381	3.43%
SAN FRANCISCO	5,831	5,747	98.56%	6	0.10%	78	1.34%
SAN JOAQUIN	11,503	11,341	98.59%	12	0.10%	150	1.30%
SAN LUIS OBISPO	2,796	2,610	93.35%	3	0.11%	183	6.55%
SAN MATEO	8,401	8,282	98.58%	8	0.10%	111	1.32%
SHASTA	2,059	1,878	91.21%	2	0.10%	179	8.69%
SIERRA	35	35	100.00%	0	0.00%	0	0.00%
SISKIYOU	487	421	86.45%	2	0.41%	64	13.14%
SOLANO	5,241	5,174	98.72%	5	0.10%	62	1.18%
SONOMA	4,886	4,615	94.45%	3	0.06%	268	5.49%
STANISLAUS	8,570	8,266	96.45%	7	0.08%	297	3.47%
SUTTER	1,621	1,480	91.30%	1	0.06%	140	8.64%
TEHAMA	819	772	94.26%	3	0.37%	44	5.37%
TRINITY	112	95	84.82%	0	0.00%	17	15.18%
TULARE	8,336	8,153	97.80%	11	0.13%	172	2.06%
TUOLUMNE	520	430	82.69%	3	0.58%	87	16.73%
VENTURA	11,747	11,332	96.47%	6	0.05%	409	3.48%
YOLO	2,393	2,329	97.33%	0	0.00%	64	2.67%
YUBA	1,015	954	93.99%	2	0.20%	59	5.81%

7TH GRADE ASSESSMENT - CALIFORNIA, 2012-2013
TABLE 4: NUMBER OF SCHOOLS REPORTING
BY COUNTY AND TYPE

	TOTAL NUMBER OF SCHOOLS	SCHOOL TYPE			
		PUBLIC		PRIVATE	
		NUMBER OF SCHOOLS	PERCENT OF TOTAL	NUMBER OF SCHOOLS	PERCENT OF TOTAL
STATE TOTAL	4,712	2,845	60.38%	1,867	39.62%
COUNTY					
ALAMEDA	165	88	53.33%	77	46.67%
ALPINE	1	1	100.00%	0	0.00%
AMADOR	5	4	80.00%	1	20.00%
BERKELEY CITY	13	4	30.77%	9	69.23%
BUTTE	52	35	67.31%	17	32.69%
CALAVERAS	9	8	88.89%	1	11.11%
COLUSA	7	5	71.43%	2	28.57%
CONTRA COSTA	139	69	49.64%	70	50.36%
DEL NORTE	11	9	81.82%	2	18.18%
EL DORADO	36	23	63.89%	13	36.11%
FRESNO	126	101	80.16%	25	19.84%
GLENN	14	12	85.71%	2	14.29%
HUMBOLDT	49	40	81.63%	9	18.37%
IMPERIAL	28	22	78.57%	6	21.43%
INYO	9	8	88.89%	1	11.11%
KERN	111	79	71.17%	32	28.83%
KINGS	30	24	80.00%	6	20.00%
LAKE	21	16	76.19%	5	23.81%
LASSEN	18	16	88.89%	2	11.11%
LONG BEACH	1	1	100.00%	0	0.00%
LOS ANGELES	985	513	52.08%	472	47.92%
MADERA	32	27	84.38%	5	15.63%
MARIN	55	23	41.82%	32	58.18%
MARIPOSA	9	5	55.56%	4	44.44%
MENDOCINO	30	26	86.67%	4	13.33%
MERCED	40	31	77.50%	9	22.50%
MODOC	5	5	100.00%	0	0.00%
MONO	6	6	100.00%	0	0.00%
MONTEREY	55	39	70.91%	16	29.09%

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STATE TOTAL	4,712	2,845	60.38%	1,867	39.62%
COUNTY					
NAPA	28	12	42.86%	16	57.14%
NEVADA	25	20	80.00%	5	20.00%
ORANGE	275	119	43.27%	156	56.73%
PLACER	60	45	75.00%	15	25.00%
PLUMAS	8	6	75.00%	2	25.00%
RIVERSIDE	199	121	60.80%	78	39.20%
SACRAMENTO	177	108	61.02%	69	38.98%
SANTA BARBARA	57	32	56.14%	25	43.86%
SANTA CLARA	201	87	43.28%	114	56.72%
SANTA CRUZ	46	26	56.52%	20	43.48%
SAN BENITO	16	12	75.00%	4	25.00%
SAN BERNARDINO	209	140	66.99%	69	33.01%
SAN DIEGO	360	211	58.61%	149	41.39%
SAN FRANCISCO	94	26	27.66%	68	72.34%
SAN JOAQUIN	155	126	81.29%	29	18.71%
SAN LUIS OBISPO	36	21	58.33%	15	41.67%
SAN MATEO	98	48	48.98%	50	51.02%
SHASTA	63	52	82.54%	11	17.46%
SIERRA	3	3	100.00%	0	0.00%
SISKIYOU	28	24	85.71%	4	14.29%
SOLANO	43	24	55.81%	19	44.19%
SONOMA	76	50	65.79%	26	34.21%
STANISLAUS	73	55	75.34%	18	24.66%
SUTTER	28	25	89.29%	3	10.71%
TEHAMA	28	26	92.86%	2	7.14%
TRINITY	10	10	100.00%	0	0.00%
TULARE	82	70	85.37%	12	14.63%
TUOLUMNE	21	17	80.95%	4	19.05%
VENTURA	103	52	50.49%	51	49.51%
YOLO	31	21	67.74%	10	32.26%
YUBA	17	16	94.12%	1	5.88%