

Focus Area 14: Immunization and Infectious Diseases

Objective 14-22. Achieve and maintain effective vaccination coverage levels for universally recommended vaccines among young children aged 19-35 months. [State Data Source: National Immunization Survey (NIS), CDC, NIP and NCHS]

Objective 14-22a. 4 doses of diphtheria-tetanus-acellular pertussis (DTaP) vaccine. Target = 90.0 percent

California data provided by the CDPH Immunization Branch indicate that 84.9 percent of children aged 19-35 months received four doses of DTaP vaccine in 2007 (**Figure 14-22, Table 14-22**). No significant trend was found in the data, and this HP2010 objective has not yet been achieved for California children aged 19-35 months.

Objective 14-22b. 3 doses Haemophilus influenzae type b (Hib) vaccine. Target = 90.0 percent

A total of 92.7 percent of children aged 19-35 months received three doses of Hib vaccine in 2007 (**Figure 14-22, Table 14-22**). No significant trend was found in the data, but this HP2010 objective has been achieved for California children each year from 2001-2007.

Objective 14-22c. 3 doses hepatitis B (HepB) vaccine. Target = 90.0 percent

California data indicate that 91.6 percent of children aged 19-35 months received three doses of HepB vaccine in 2007 (**Figure 14-22, Table 14-22**). This represents a significant decrease from the 95.0 percent reported for 2006, although this HP2010 objective has been achieved for California children since 2003.

Objective 14-22d. 1 dose measles-mumps-rubella (MMR) vaccine. Target = 90.0 percent

A total of 94.6 percent of children aged 19-35 months received one dose of MMR vaccine in 2007 (**Figure 14-22, Table 14-22**). This HP2010 objective has been achieved for California children each year from 2001-2007.

Objective 14-22e. 3 doses polio vaccine. Target = 90.0 percent

California data provided by the CDPH Immunization Branch indicate that 92.1 percent of children aged 19-35 months received three doses of polio vaccine in 2007 (**Figure 14-22, Table 14-22**). No significant trend was found in the data, and this HP2010 objective has been achieved for California children since 2002.

Objective 14-22f. 1 dose varicella vaccine. Target = 90.0 percent

California data indicate that 93.2 percent of children aged 19-35 months received one dose of varicella vaccine in 2007, compared with 83.0 percent in 2001 (**Figure 14-22, Table 14-22**). The HP2010 objective was achieved only in 2004, 2006, and 2007.

**Objective 14-22g. 4 doses pneumococcal conjugate vaccine (PCV).
Target = 90.0 percent**

California data provided by the CDPH Immunization Branch indicate that 93.4 percent of children aged 19-35 months received three doses of PCV in 2007, a significant increase from 41.9 percent reported for 2002 (**Figure 14-22, Table 14-22**). This HP2010 objective was being achieved for California children as of 2006.

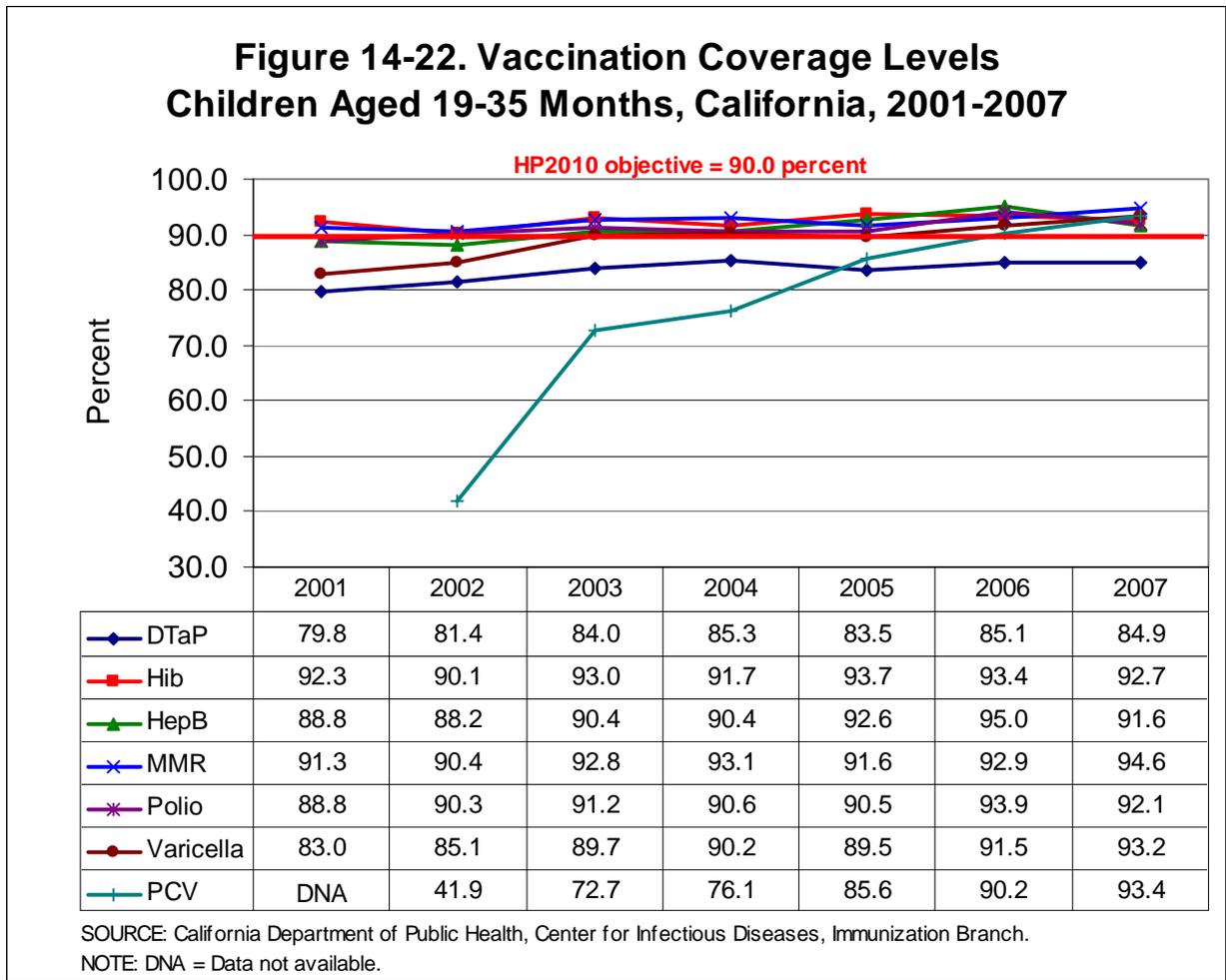


Table 14-22. Vaccination coverage levels among children aged 19-35 months, California 2001-2007

HP2010 Objective		HP2010 Target ¹	2001			2002			2003		
			Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
14-22a	4+ doses diphtheria-tetanus-acellular pertussis (DTaP) vaccine	90%	79.8	76.4	83.2	81.4	77.9	84.9	84.0	80.8	87.2
14-22b	3+ doses <i>Haemophilus influenzae</i> type b (Hib) vaccine	90%	92.3	90.0	94.6	90.1	87.2	93.0	93.0	90.5	95.5
14-22c	3+ doses hepatitis B (HepB) vaccine	90%	88.8	86.0	91.6	88.2	85.2	91.2	90.4	87.6	93.2
14-22d	1+ dose measles-mumps-rubella (MMR) vaccine	90%	91.3	88.9	93.7	90.4	87.5	93.3	92.8	90.3	95.3
14-22e	3+ doses polio vaccine	90%	88.8	86.1	91.5	90.3	87.7	92.9	91.2	88.5	93.9
14-22f	1+ dose varicella vaccine	90%	83.0	79.8	86.2	85.1	81.9	88.3	89.7	86.9	92.5
14-22g	3+ doses pneumococcal conjugate vaccine (PCV)	90%	n/a	-----	-----	41.9	37.0	46.8	72.7	68.9	76.5

HP2010 Objective		HP2010 Target ¹	2004			2005			2006		
			Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
14-22a	4+ doses diphtheria-tetanus-acellular pertussis (DTaP) vaccine	90%	85.3	82.1	88.5	83.5	79.5	87.5	85.1	81.3	88.9
14-22b	3+ doses <i>Haemophilus influenzae</i> type b (Hib) vaccine	90%	91.7	89.2	94.2	93.7	91.7	95.7	93.4	91.2	95.6
14-22c	3+ doses hepatitis B (HepB) vaccine	90%	90.4	87.8	93.0	92.6	90.3	94.9	95.0	93.3	96.7
14-22d	1+ dose measles-mumps-rubella (MMR) vaccine	90%	93.1	91.0	95.2	91.6	89.0	94.2	92.9	90.3	95.5
14-22e	3+ doses polio vaccine	90%	90.6	87.9	93.3	90.5	87.6	93.4	93.9	91.7	96.1
14-22f	1+ dose varicella vaccine	90%	90.2	87.8	92.6	89.5	86.4	92.6	91.5	88.6	94.4
14-22g	3+ doses pneumococcal conjugate vaccine (PCV)	90%	76.1	72.2	80.0	85.6	82.0	89.2	90.2	87.1	93.3

HP2010 Objective		HP2010 Target ¹	2007		
			Rate ¹	Lower 95% C.I.	Upper 95% C.I.
14-22a	4+ doses diphtheria-tetanus-acellular pertussis (DTaP) vaccine	90%	84.9	80.9	88.9
14-22b	3+ doses <i>Haemophilus influenzae</i> type b (Hib) vaccine	90%	92.7	89.9	95.5
14-22c	3+ doses hepatitis B (HepB) vaccine	90%	91.6	88.4	94.8
14-22d	1+ dose measles-mumps-rubella (MMR) vaccine	90%	94.6	92.2	97.0
14-22e	3+ doses polio vaccine	90%	92.1	89.0	95.2
14-22f	1+ dose varicella vaccine	90%	93.2	90.6	95.8
14-22g	3+ doses pneumococcal conjugate vaccine (PCV)	90%	93.4	90.5	96.3

SOURCE: California Department of Public Health, Center for Infectious Diseases, Immunization Branch.

NOTES: n/a = Data not available; TBD = Target to be determined;

¹ Percent of children aged 19 - 35 months vaccinated.

For more information on universally recommended vaccination of children aged 19 to 35 months visit the CDPH Immunization Branch Web site at: <http://www.cdph.ca.gov/programs/immunize/Pages/default.aspx>

For more information on Healthy People 2010 objective 14-22, please visit: <http://www.healthypeople.gov/Document/HTML/Volume1/14Immunization.htm>

and the DATA2010 Web site at: <http://wonder.cdc.gov/data2010/>