

2014

Immunization Coverage Report



**Utah Department of Health
Division of Disease Control
and Prevention**

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Immunization Coverage Report

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The *Immunization Coverage Report, State of Utah: 2014*, supports the mission and goal of state and local immunization programs:

...to improve the health of Utah's citizens through vaccination to reduce illness, disability, and death from vaccine-preventable infections.

This annual *Immunization Coverage Report* provides an overview of immunization information about Utah residents; particularly, the immunization coverage status for Utah children, adolescents, and adults. Although the report is not comprehensive, it is an attempt to gather immunization data from multiple sources and present them in a simple, concise format. Information is added and updated each year according to recommendations by various stakeholders at state and local levels. Such updates enable easy access to the most current immunization data and assist local immunization programs in evaluating coverage areas and identifying gaps in services.

An ongoing focus of immunization coverage is the infant and early childhood population. According to the 2013 National Immunization Survey (NIS), Utah ranked 7th in the nation for the number of two-year-olds who were fully immunized. The NIS measures the number of children 19-35 months of age who have completed the recommended childhood immunization series 4:3:1:4:3:1:4 (4 DTaP, 3 Polio, 1 MMR, 4 Hib, 3 Hepatitis B, 1 Varicella, and 4 Pneumococcal vaccines) by 24 months of age.

Despite improvements in coverage rates over the last several years, work remains to achieve the *Healthy People 2020* objective to reduce, eliminate, or maintain elimination of cases of vaccine-preventable diseases. The focus of Utah's Immunization Program continues to be those areas where immunization efforts can be concentrated to effect significant improvements.

Ongoing efforts to increase childhood immunization levels include a variety of interventions, including ensuring that healthcare providers have current information on immunization best practices; implementation of a coordination project with the Intermountain Pediatric Society; and enrolling diverse providers in the Utah Statewide Immunization Information System (USIIS). These combined efforts will help to ensure Utah's children are protected from vaccine-preventable diseases now and in the future.

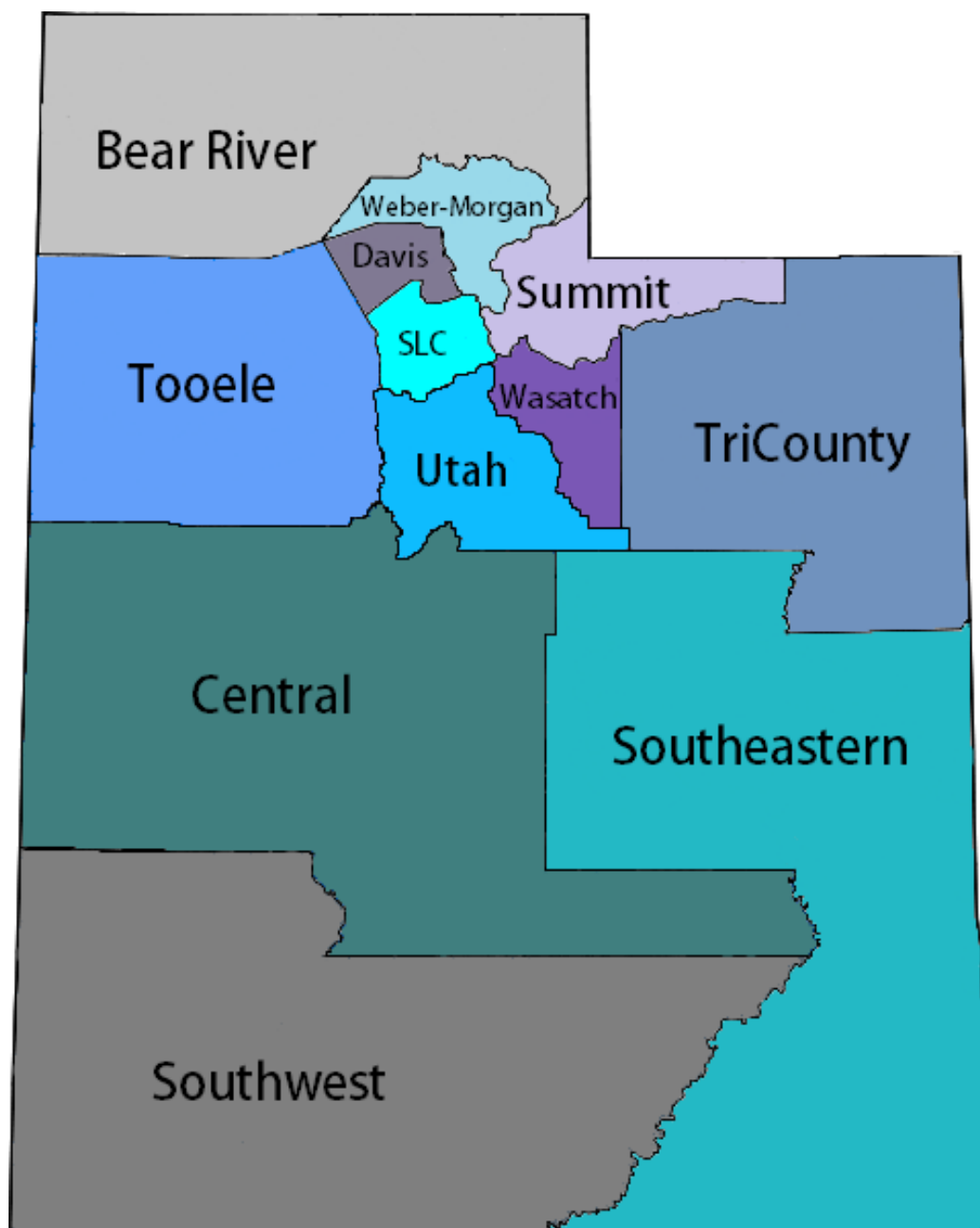
We value your opinion and welcome your feedback about this report.

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The counties that make up Utah’s 12 local health districts (LHDs) are used in this report as the geographic boundaries of reporting service areas (see map of Utah below). Statewide information is also presented. Information within the Immunization Coverage Report is divided into two main categories with detailed information for each: United States and State of Utah, and Local Service Areas. Detailed descriptions of data are contained within each of these categories throughout this report.

Although limited comments may follow a graph or chart, the detailed endnotes may be found in the *References* listed on page 119. Explanatory footnotes are available on some pages and are intended to provide information pertaining to data sources, programs, and limitations on data interpretation. Where applicable, county-specific information is presented.



Early Childhood Immunization

The Advisory Committee on Immunization Practices (ACIP) at the Centers for Disease Control and Prevention (CDC) has established a standard of comparison for immunization status. Up-to-date at age two (UTD) is the percentage of children two years of age (24 months) who have received all doses of the recommended vaccines by the recommended age. This standard is used across the United States by state immunization programs and provider sites to evaluate their effectiveness in protecting patients from vaccine-preventable diseases.

Child and Adult Immunization

Exposure to groups of people of any age increases the risk of contracting an infectious disease. More than two-thirds of children younger than six years, and nearly all children older than six years, spend significant time in child care and school settings outside of the home. The Utah Immunization Rule for Students (R396-100) became effective in 1975 to implement consistent requirements to protect children attending school.

School Entry (Kindergarten & 7th Grade) & Second Dose MMR (K–12)

Required kindergarten entry immunizations include: DTaP, Polio, MMR, Hepatitis B, Hepatitis A, and Varicella vaccines. Beginning May 2007, children entering 7th grade must have: Hepatitis B, Varicella, and Tdap. Children grades K-12 are required to have two doses of the MMR vaccine. Beginning in the 2015/2016 school year, children entering kindergarten will be required to have received a second dose of Varicella vaccine, and children entering 7th grade will be required to have Meningococcal vaccination.

Influenza and Pneumococcal

The incidence of childhood vaccine-preventable diseases has declined dramatically, but similar success among adults has not been achieved. Adults suffer the vast majority of certain vaccine-preventable diseases in the U.S.

The 2013 Behavioral Risk Factor Surveillance System (BRFSS) survey results on influenza and pneumococcal immunization data are included. These data, by means of a number of different analyses, provide a thorough summary of coverage of influenza and pneumococcal vaccinations for adults 18 years of age and older. *Appendix B* includes 2013 immunization information for residents of long-term care and assisted living facilities.

National Immunization Survey (NIS)

The NIS is sponsored by the National Center for Immunizations and Respiratory Diseases (NCIRD) and conducted jointly by NCIRD and the National Center for Health Statistics (NCHS), CDC. The NIS is a list-assisted, random-digit-dialing telephone survey followed by a mailed survey to children's immunization providers to monitor childhood immunization coverage. Coverage based on the NIS for children was reported differently in 2010 compared to previous years, in large part due to the Haemophilus influenzae type b (Hib) vaccine shortage. Because of the new presentation of data, it is difficult to compare coverage levels of combination vaccines (e.g., 4:3:1:3:3:1 series) for years prior to 2010. Please be aware that some comparative data may be difficult to interpret due to the changes mentioned above.

Behavioral Risk Factor Surveillance System (BRFSS)

The Utah BRFSS is an ongoing effort by the Utah Department of Health in conjunction with the CDC to assess the prevalence of and trends in health-related behaviors in the non-institutionalized Utah adult population aged 18 years and older. The BRFSS is conducted by UDOH employees contacting Utahns by landline and cellular telephones.

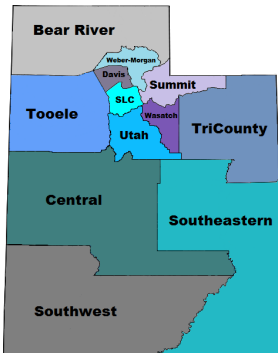
Utah Statewide Immunization Information System (USIIS)

Established in 1998, USIIS collects, consolidates and manages immunization records for Utah residents of all ages. The primary source of USIIS data are healthcare providers, including state and federally qualified public clinics, private clinics and practices, hospitals and pharmacies. Schools also are data sources, submitting students' immunizations from documented paper records provided by parents and guardians. Furthermore, USIIS receives birth certificate data from the Office of Vital Records. Data are submitted by providers using the USIIS Web application and/or via data interfaces with electronic health record (EHR) systems used by providers.

For the 2014 Immunization Coverage Report, USIIS patient data were grouped into 12 Local Health District service areas by their most up-to-date ZIP code and county information. USIIS data queries were performed on September 10, 2014. The patients included met the following two conditions: 1) have at least one immunization recorded in USIIS, and 2) contain non-blank ZIP code or county as part of their address. Patients not meeting these criteria were excluded. The following characteristics of USIIS data should be considered when using this coverage report:

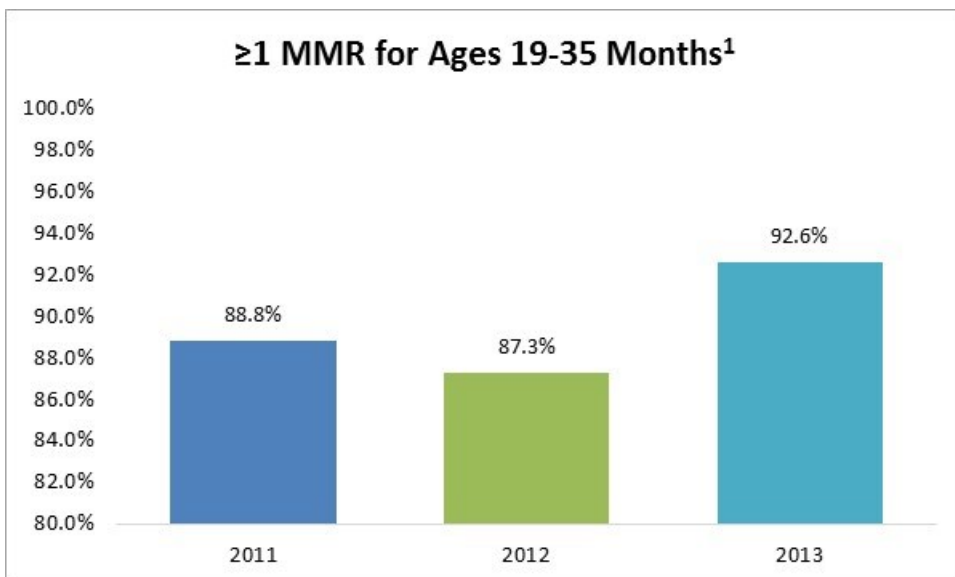
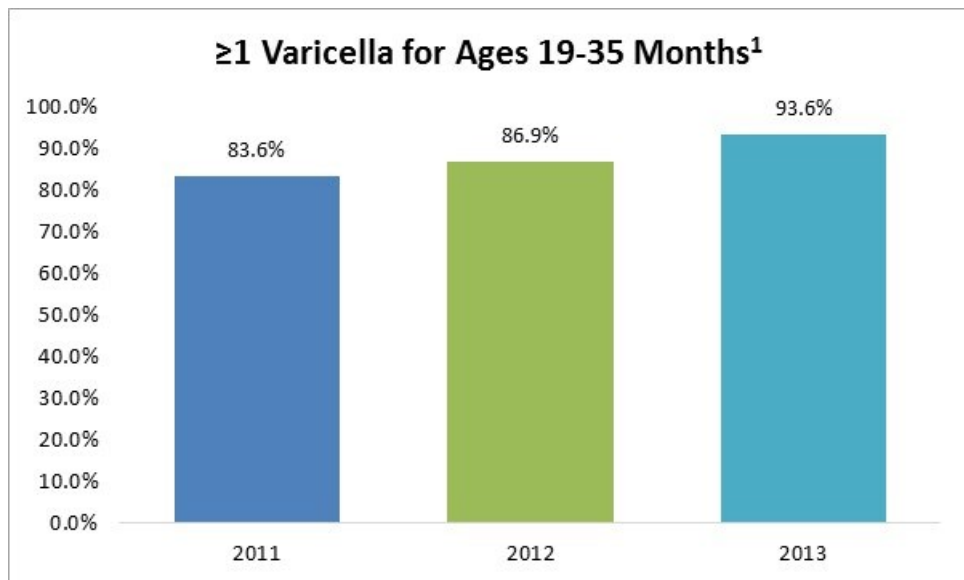
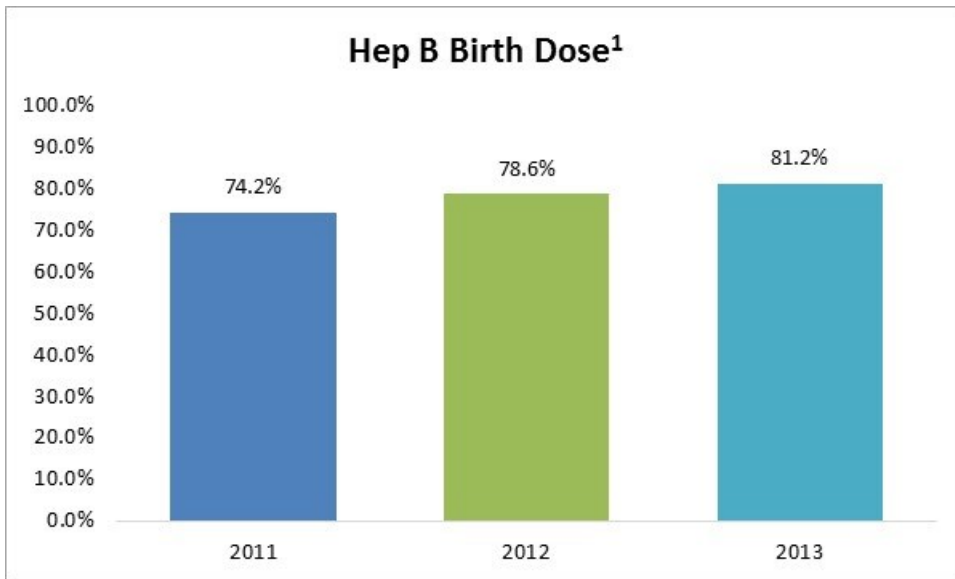
- Participation in USIIS is voluntary and not all providers participate. Additionally, individuals or parents may opt out of USIIS. Therefore, this report describes data submitted to USIIS and does not reflect true population cohorts.
- USIIS data change constantly as data are submitted. Thus, statistics derived from USIIS are a snapshot of the data when the database is queried.
- The quality of USIIS data reflects the quality of data submitted by providers. Although USIIS specifies recommended data elements for data submission, data completeness and accuracy depend on each provider source and their data collection and entry practices.
- With the growing adoption of Electronic Health Record (EHR) systems and EHR-USIIS data interfaces, the following factors impact the quality of data in USIIS:
 - ⇒ Completeness and quality of data entered by clinic staff into their EHR system;
 - ⇒ Accuracy of available drop-down menu selections in the EHR system (e.g., financial class, race, manufacturers, vaccines, etc.);
 - ⇒ Accuracy of mapping between the data entered into the EHR system and the data that are submitted to USIIS. EHR vendors are responsible for maintaining up-to-date CDC standards that specify valid values for immunization data; and
 - ⇒ Reliability of the transmission of EHR-USIIS interface data to USIIS.
- Errors or lapses in any of the above factors impact the quality of data in USIIS.
- While USIIS actively identifies duplicate patient records and consolidates records of the same individual with immunizations submitted by multiple providers, the same individuals may exist multiple times in the database due to providers' data entry errors, misidentification of individuals, and name and address changes due to life events such as marriage, divorce and/or adoption.
- Records identified by USIIS as "possible duplicates" of existing USIIS patients are not included in this report.

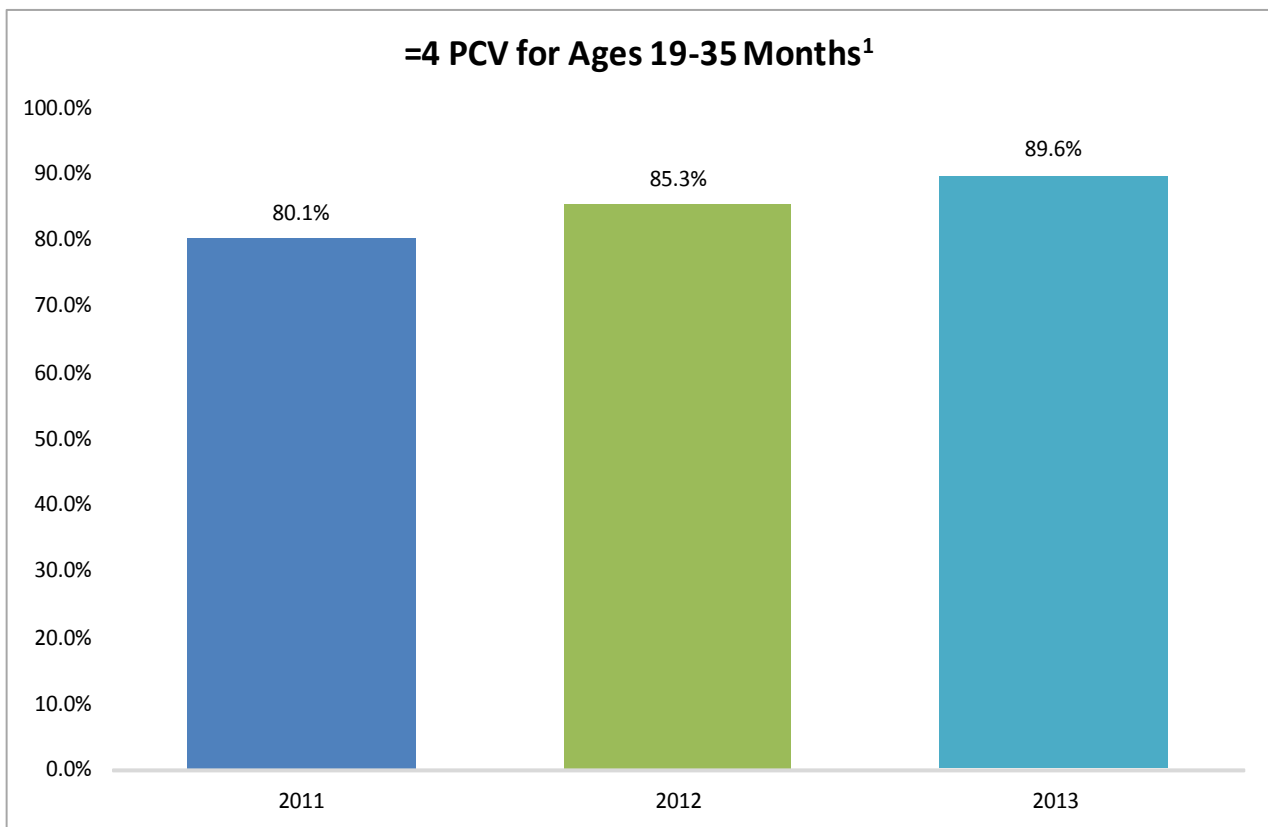
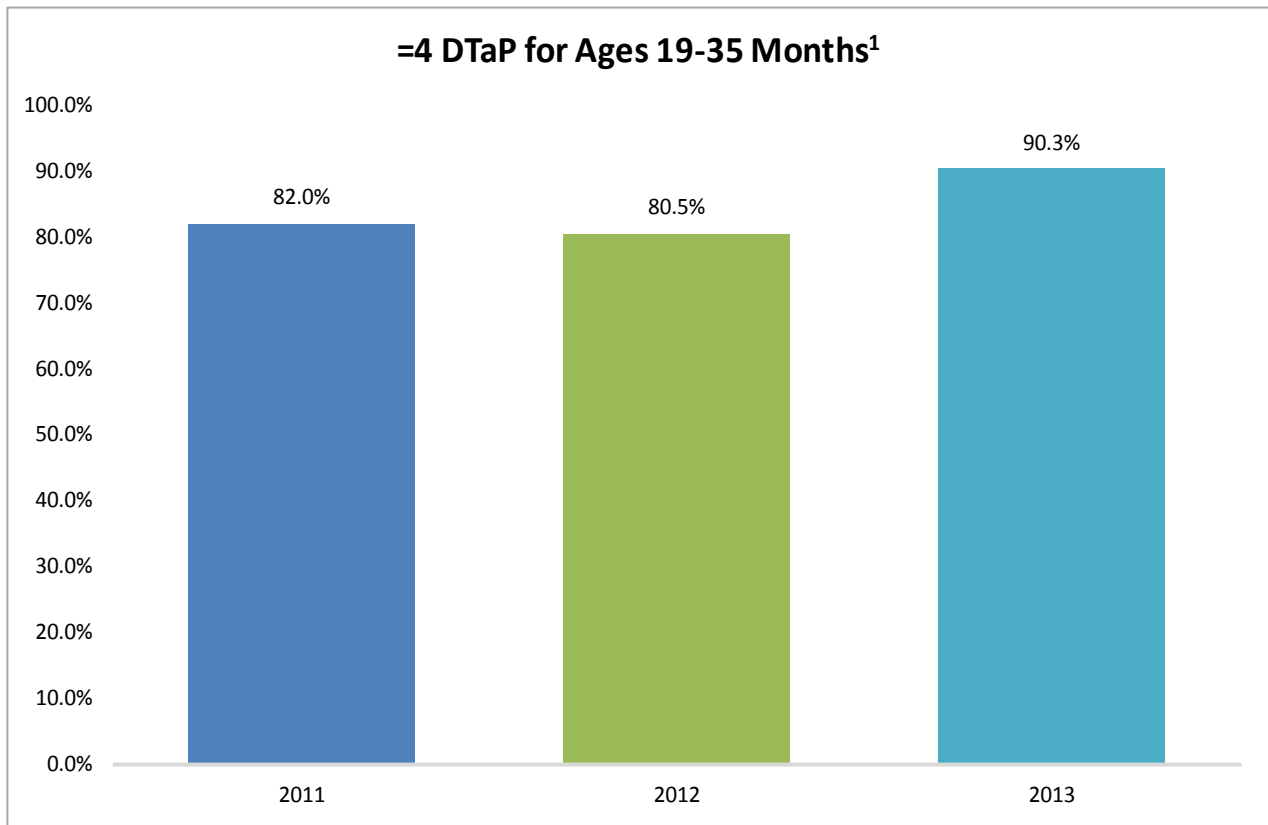
Early Childhood Immunization 19-35 months of Age¹

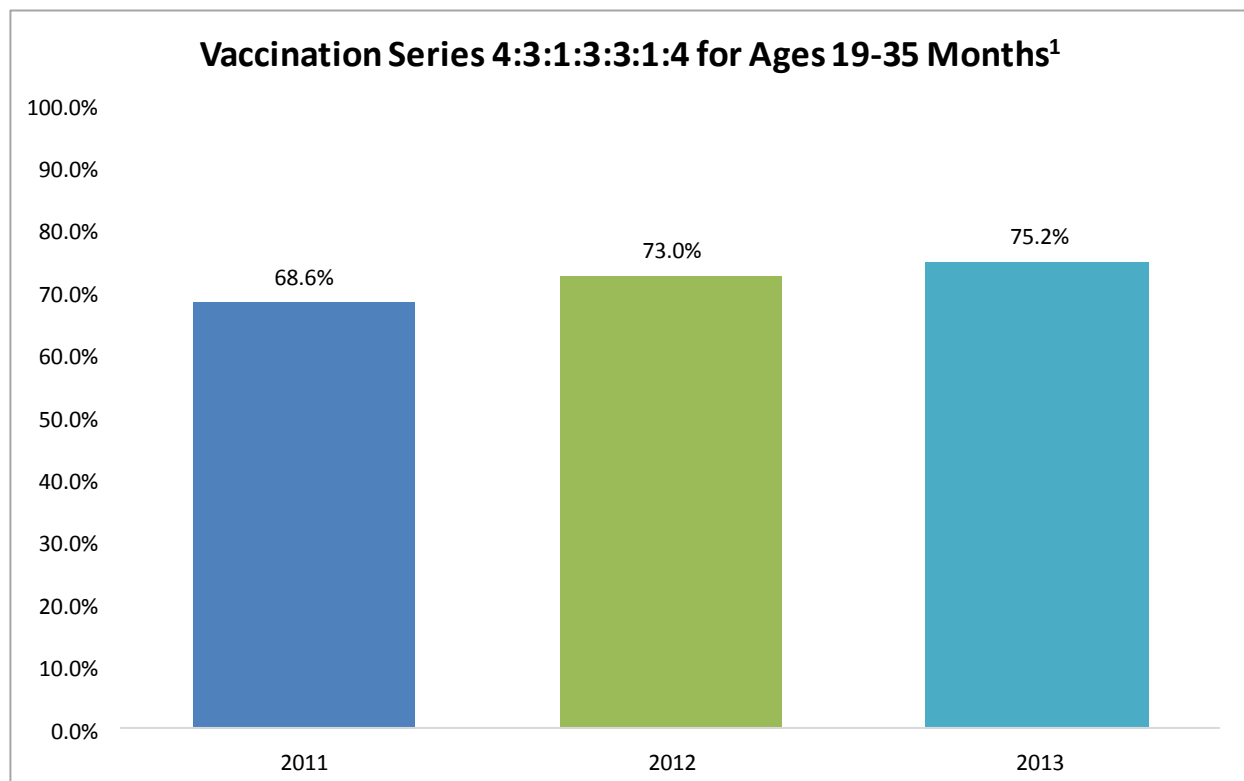
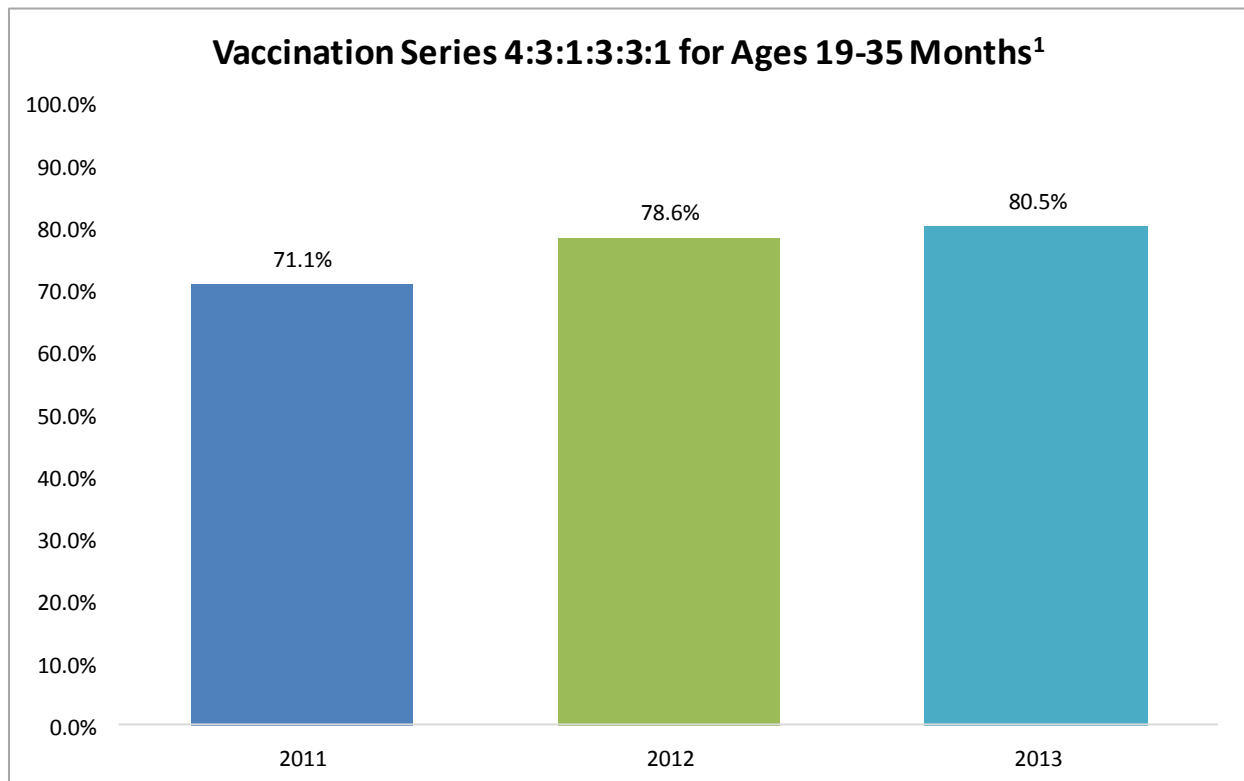


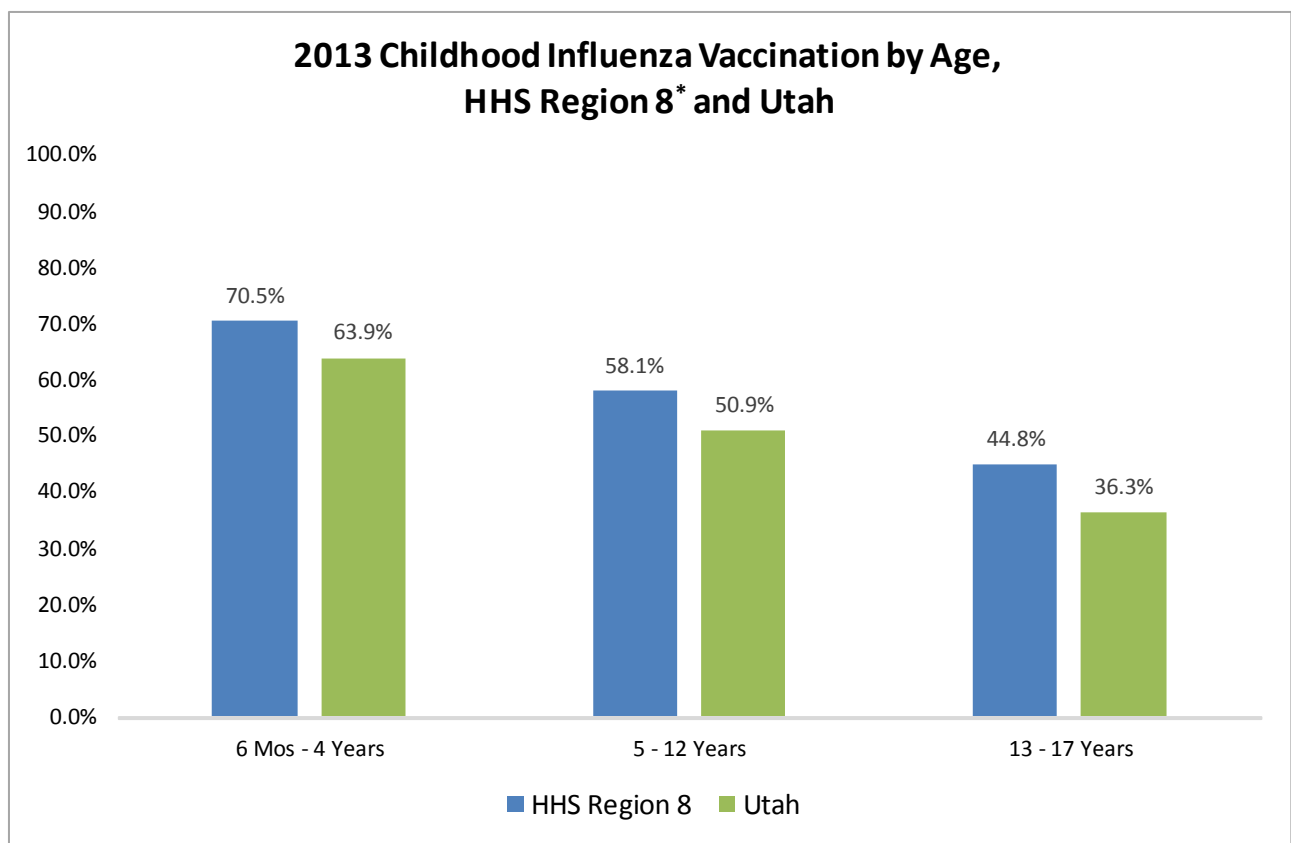
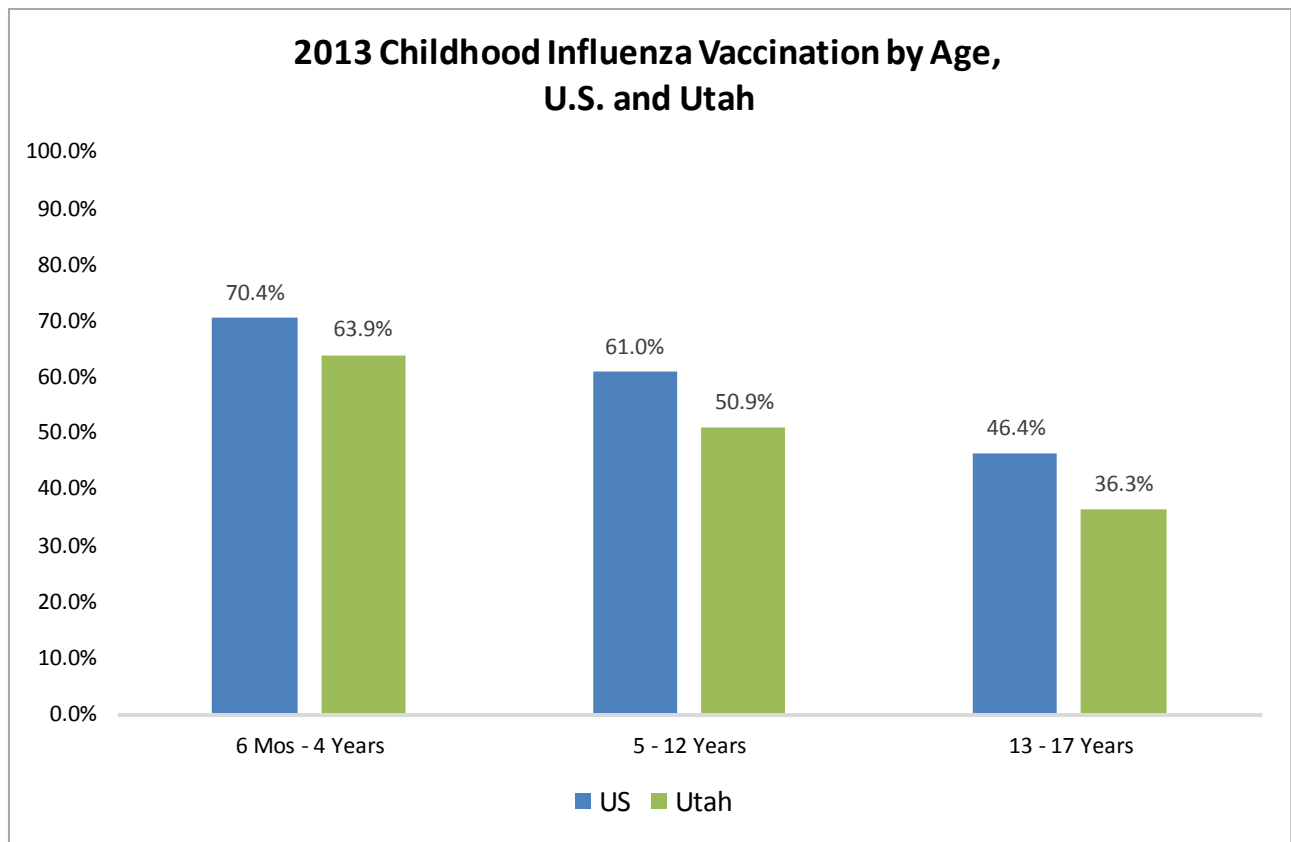
	Utah		U.S.		Percent Change (Utah)	National Rank (Utah)
	2012	2013	2012	2013		
≥3 DTaP	93.6%	96.2%	94.3%	94.1%	↑ 2.8%	16
≥4 DTaP	80.5%	90.3%	82.5%	83.1%	↑ 12.2%	5
≥3 Polio	93.1%	95.1%	92.8%	92.7%	↑ 2.1%	15
≥1 MMR	87.3%	92.6%	90.8%	91.9%	↑ 6.1%	20
≥3 Hib	N/A	94.5%	N/A	92.8%	N/A	18
Hib-Primary Series (PS)	93.9%	94.7%	93.3%	93.7%	↑ 0.9%	21
Hib-Full Series (FS)	80.6%	84.9%	80.9%	82.0%	↑ 5.3%	17
≥3 Hep B	91.2%	89.7%	89.7%	90.8%	↓ 1.6%	34
Hep B Birth dose	78.6%	81.2%	71.6%	74.2%	↑ 3.3%	12
≥1 Varicella	86.9%	93.6%	90.2%	91.2%	↑ 7.7%	7
≥3 PCV	91.0%	94.6%	92.3%	92.4%	↑ 4.0%	14
≥4 PCV	85.3%	89.6%	81.9%	82.0%	↑ 5.0%	7
≥2 Hep A	57.1%	67.6%	53.0%	54.7%	↑ 18.4%	3
Rotavirus	74.5%	78.3%	68.6%	72.6%	↑ 5.1%	8
4:3:1 [§]	79.8%	87.4%	80.5%	81.5%	↑ 9.5%	6
4:3:1:3	77.5%	87.0%	76.0%	81.1%	↑ 12.3%	6
4:3:1:3:3:1 [€]	74.9%	80.5%	71.9%	77.7%	↑ 7.5%	16
4:3:1:0:3:1 [£]	N/A	80.9%	N/A	77.9%	N/A	15
4:3:1:3:3:1:4 ^{€€€}	73.0%	78.6%	68.4%	72.6%	↑ 7.7%	7
4:3:1:0:3:1:4 ^{SSS}	N/A	78.6%	N/A	72.7%	N/A	7

Source: 2012-2013 NIS Among Children 19-35 Months of Age, CDC. [§]4:3:1 = 4+DTaP, 3+Polio, 1+MMR. ^{||||}4:3:1:3 = 4+DTaP, 3+Polio, 1+MMR, 3+HIB. [€]4:3:1:3:3:1 = 4+DTaP, 3+Polio, 1+MMR, 3+HIB, 3+HebB, 1+Varicella. [£]4:3:1:0:3:1 = 4+DTaP, 3+Polio, 1+MMR, no HIB, 3+HepB, 1+Varicella. ^{SSS}4:3:1:0:3:1:4 = 0 represents no HIB. ^{€€€}4:3:1:3:3:1:4 = Same as 4:3:1:3:3:1, adding 4PCV. N/A represents that data series has changed and data weren't available.







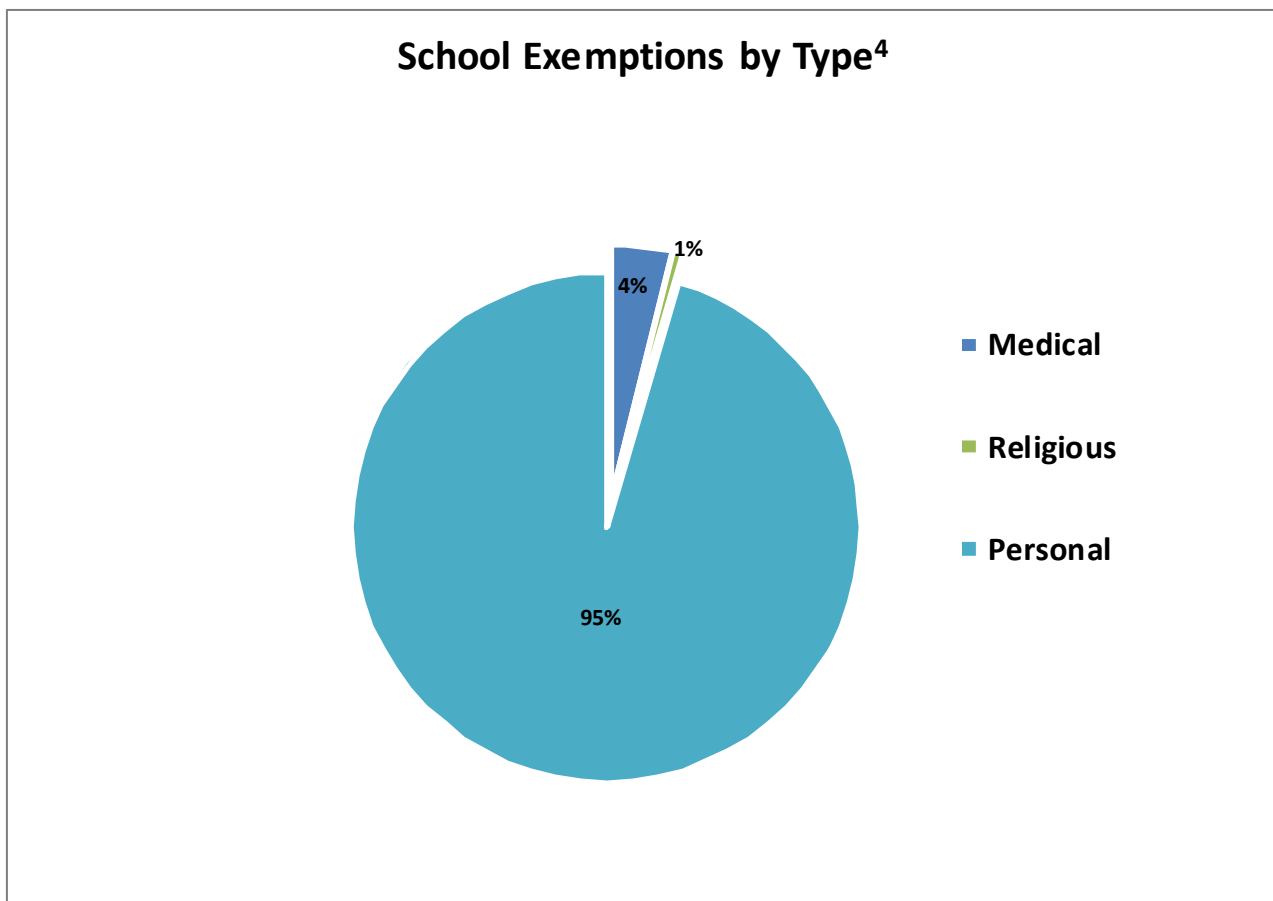


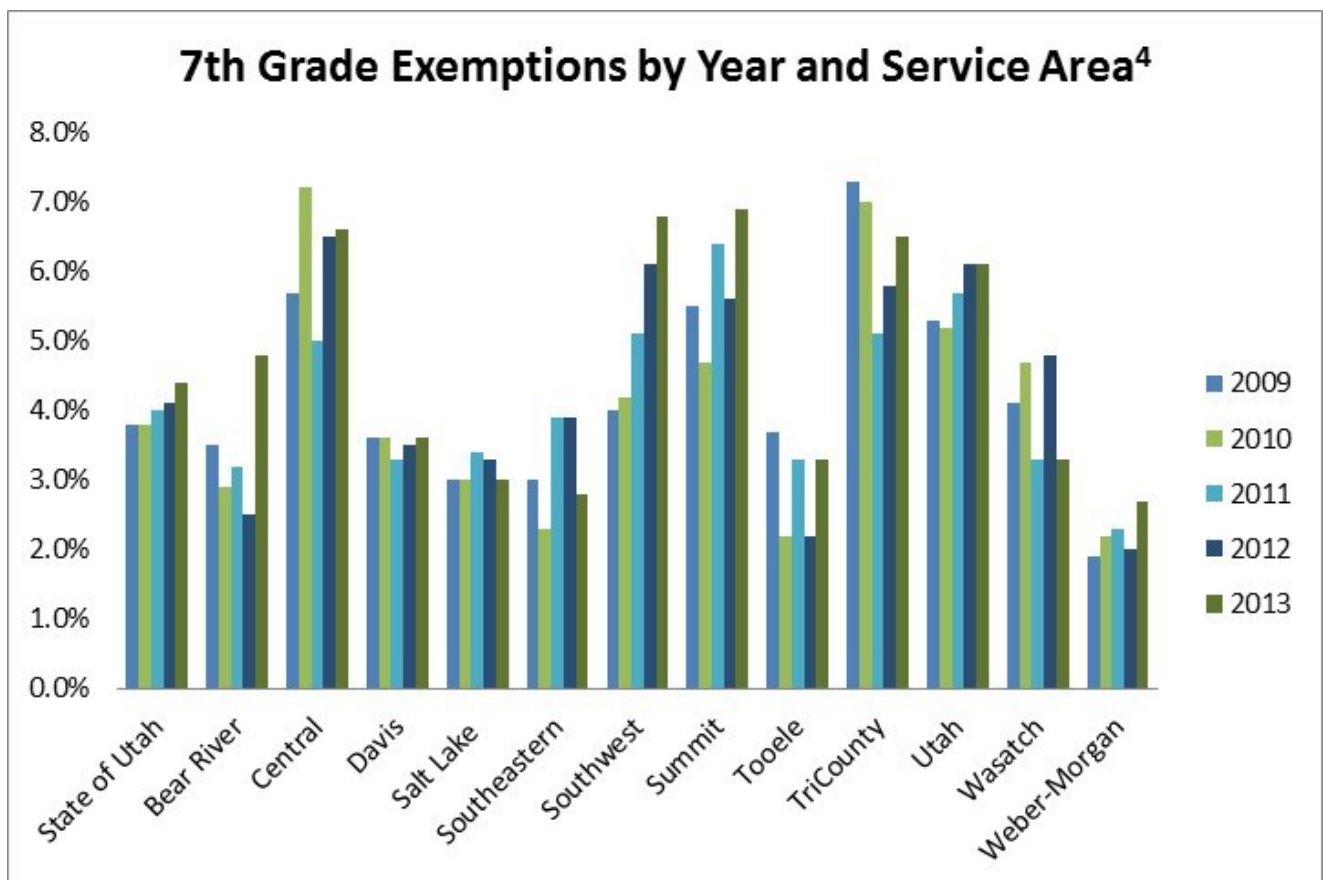
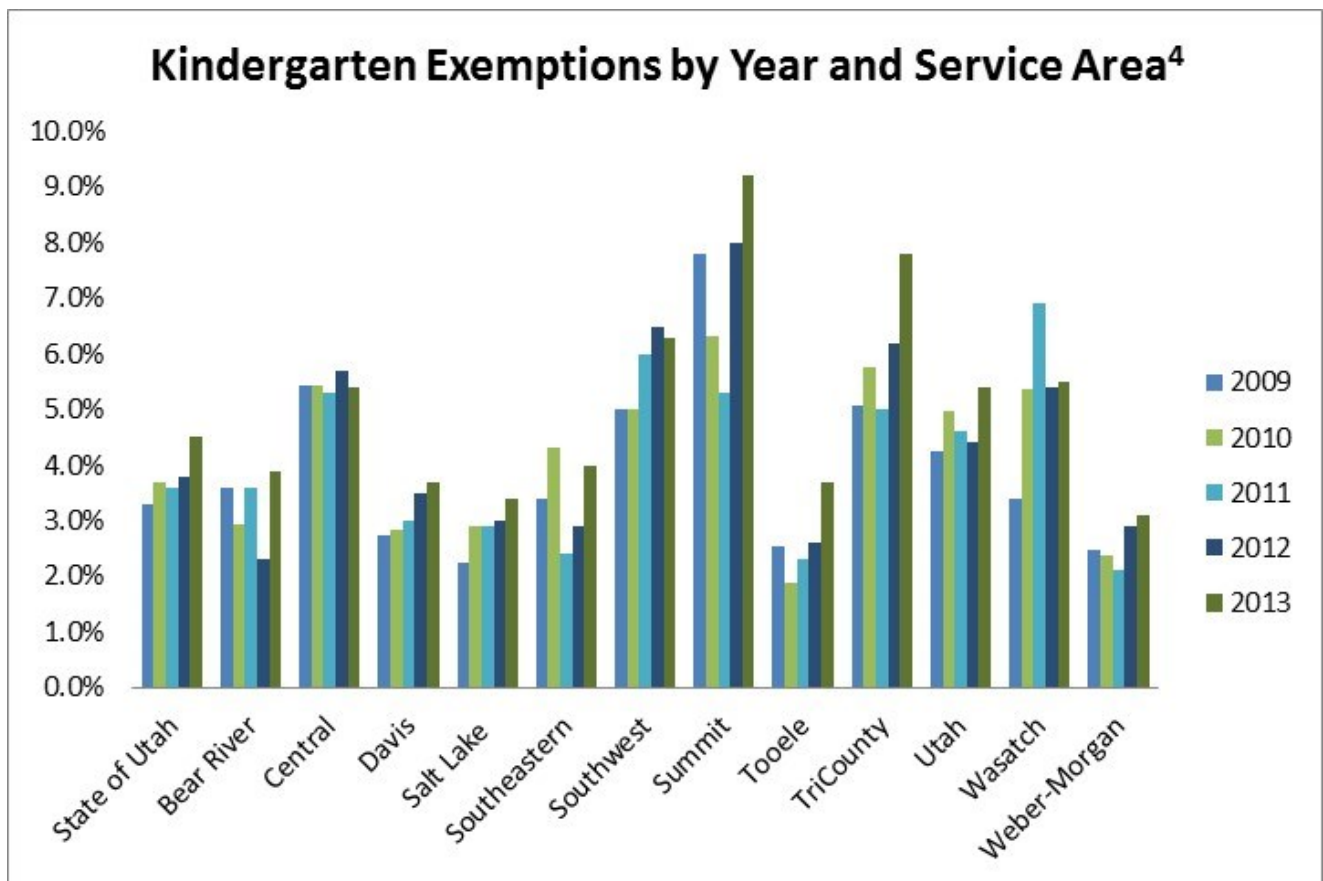
Source: NIS and BRFS, Utah, 2013. Crude Rates. *Health and Human Services (HHS) Region 8 Includes: CO, MT, ND, SD, UT, and WY.

Rotavirus Vaccine for Ages 12-15 Months ⁶		
Children in USIIS born between 03/02/2013 and 07/01/2013		
Total	17,213	
1 Rotavirus	14,136	82.1%
2 Rotavirus	13,020	75.6%
3 Rotavirus	10,492	61.0%

Number of Active USIIS Providers, Utah, 2013 ⁶	Total: 2,142
Charter Schools	94
Daycares	184
FQHC/RHC/CHC	52
Head Start Centers	34
HMOs	10
Hospitals	37
Indian Health Services	12
Local Health Departments	40
Long Term Care/Nursing Home	73
Early Childhood Programs	32
Other Public Providers	53
Pharmacies	393
Private Providers	487
Private Schools	38
Public Schools	552
School Districts	42
Unknown	7
Vital Records	1
WIC	1

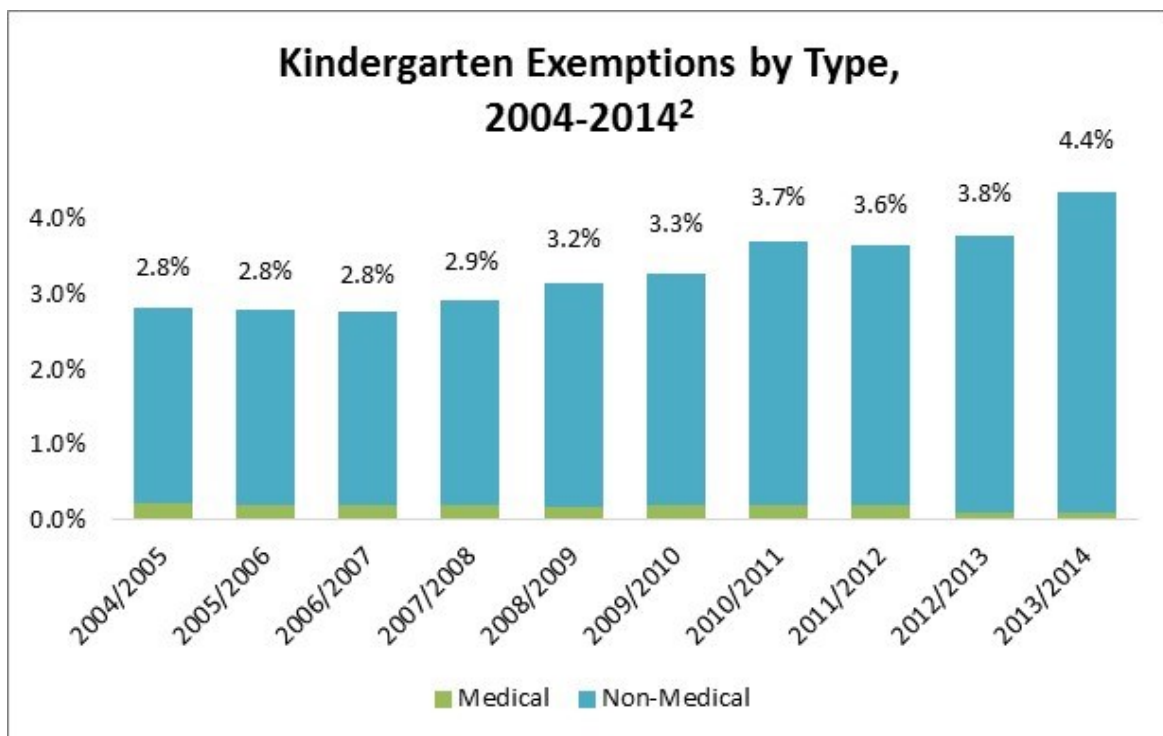
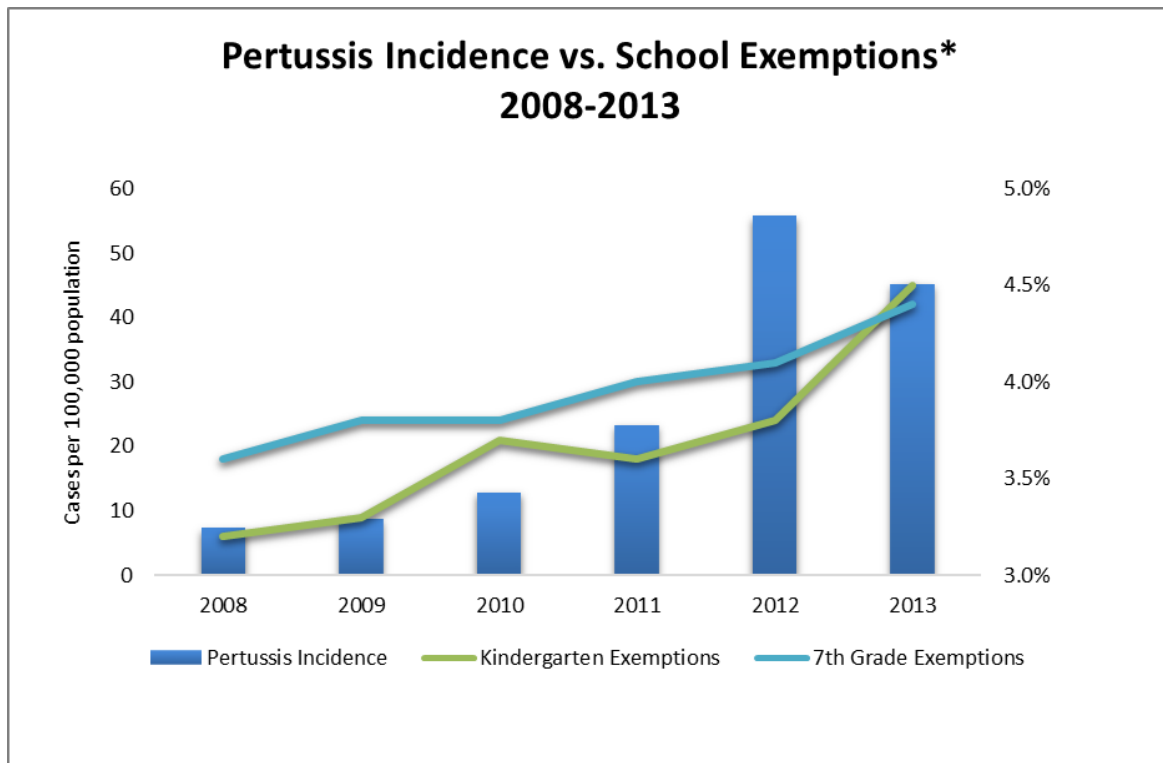
Percentage of Children Immunized for School, 2013 ²		
Facility Type	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	88.6%	3.7%
Head Start Centers	93.4%	1.7%
Kindergarten School Entry	91.2%	4.5%
Second-dose Measles (K-12)	95.8%	3.4%
7th Grade Entry	93.0%	4.4%





Exemption data are collected from agencies and school districts through electronic reporting to the Immunization Program, Utah Department of Health.

Trends in vaccine-preventable diseases are tracked with the intent that the data can be helpful in developing collaborative immunization campaign efforts. The following pertussis data were provided by the Bureau of Epidemiology, Utah Department of Health, for the State of Utah. Exemption data were obtained from agencies and school districts through electronic reporting to the Immunization Program. **Notes:** Pertussis incidence is an estimate based on numbers reported to date and could be much higher. Exemption data are not specific to DTaP/Tdap—data include exemption rates for all kindergarten and 7th grade vaccines.



Since 2007, the CDC has published NIS data for teen populations. This survey is similar to the childhood NIS. Survey responses are collected via telephone through random-digit dialing. Those who participated were asked to provide healthcare provider information so their verbal responses over the phone could be validated through the official immunization record. Children ages 13-17 years of age were included in the study. Participants were asked about receiving meningococcal conjugate (MCV4), MMR, Hepatitis B, Varicella, Td or Tdap, and HPV vaccines. The CDC identified three limitations to this survey: 1) there could be bias due to non-response and households without landline telephones; 2) underestimation of vaccine coverage may have occurred due to the exclusive use of provider-verified records; and, 3) some state level and race/ethnicity level data should be interpreted with caution because of small sample sizes. Results from this survey have been reported on national and state levels, which can be seen in the tables below.

NIS Teen 2011, Ages 13-17¹		
Vaccine/Vaccine Series	Utah	U.S.
≥1 dose Varicella	85.7%	92.3%
≥1 dose Td or Tdap since age 10 years	84.5%	85.3%
≥1 dose Tdap after age 10 years	81.4%	78.2%
≥1 dose MenACWY	58.5%	70.5%

NIS Teen 2012, Ages 13-17¹		
Vaccine/Vaccine Series	Utah	U.S.
≥1 dose Varicella	92.0%	94.7%
≥1 dose Td or Tdap since age 10 years	84.9%	88.5%
≥1 dose Tdap after age 10 years	81.5%	84.6%
≥1 dose MenACWY	56.5%	74.0%

NIS Teen 2013, Ages 13-17¹

Vaccine/Vaccine Series	Utah	U.S.
≥1 dose Varicella	91.1%	94.9%
≥1 Td or Tdap dose since age 10 years	88.2%	89.1%
≥1 dose Tdap after age 10 years	86.2%	86.0%
≥1 dose MenACWY	61.0%	77.8%

NIS Teen 2013, Females Ages 13-17¹

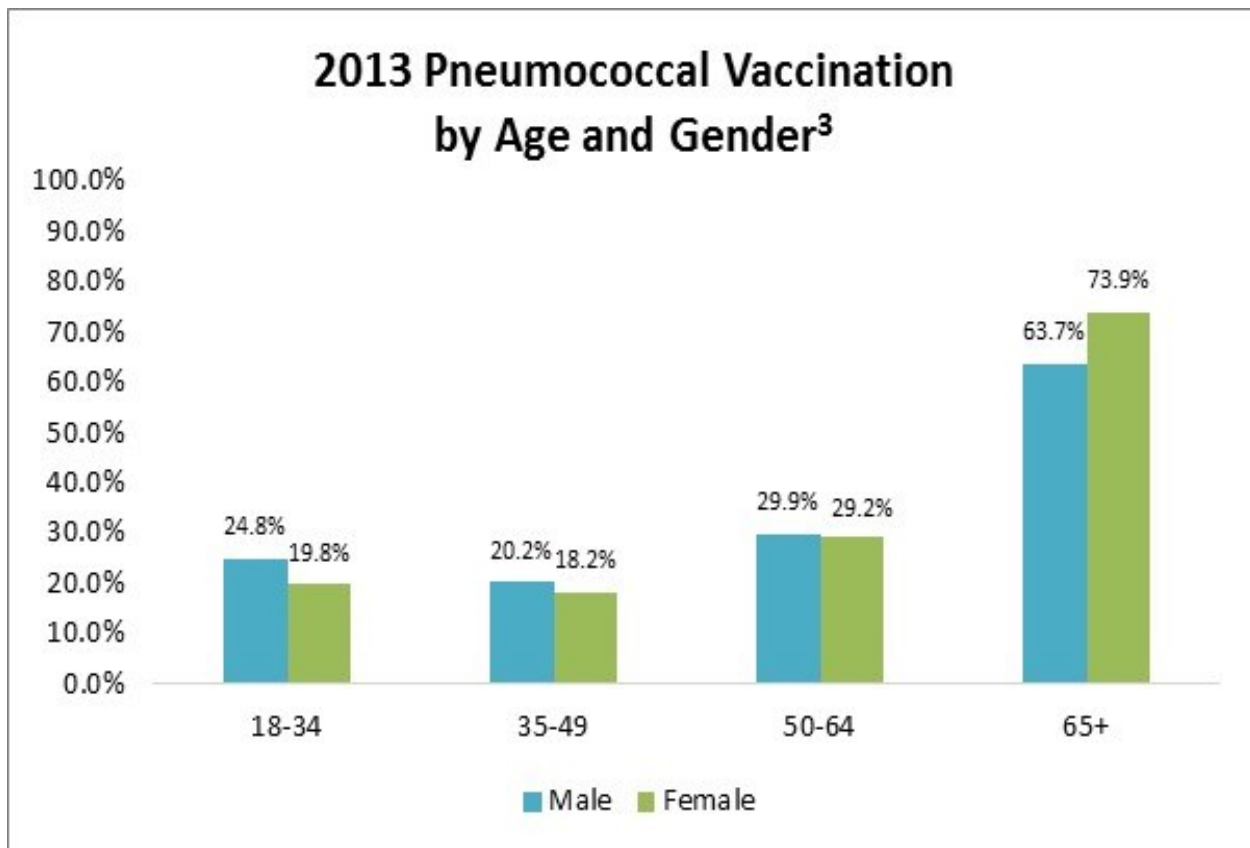
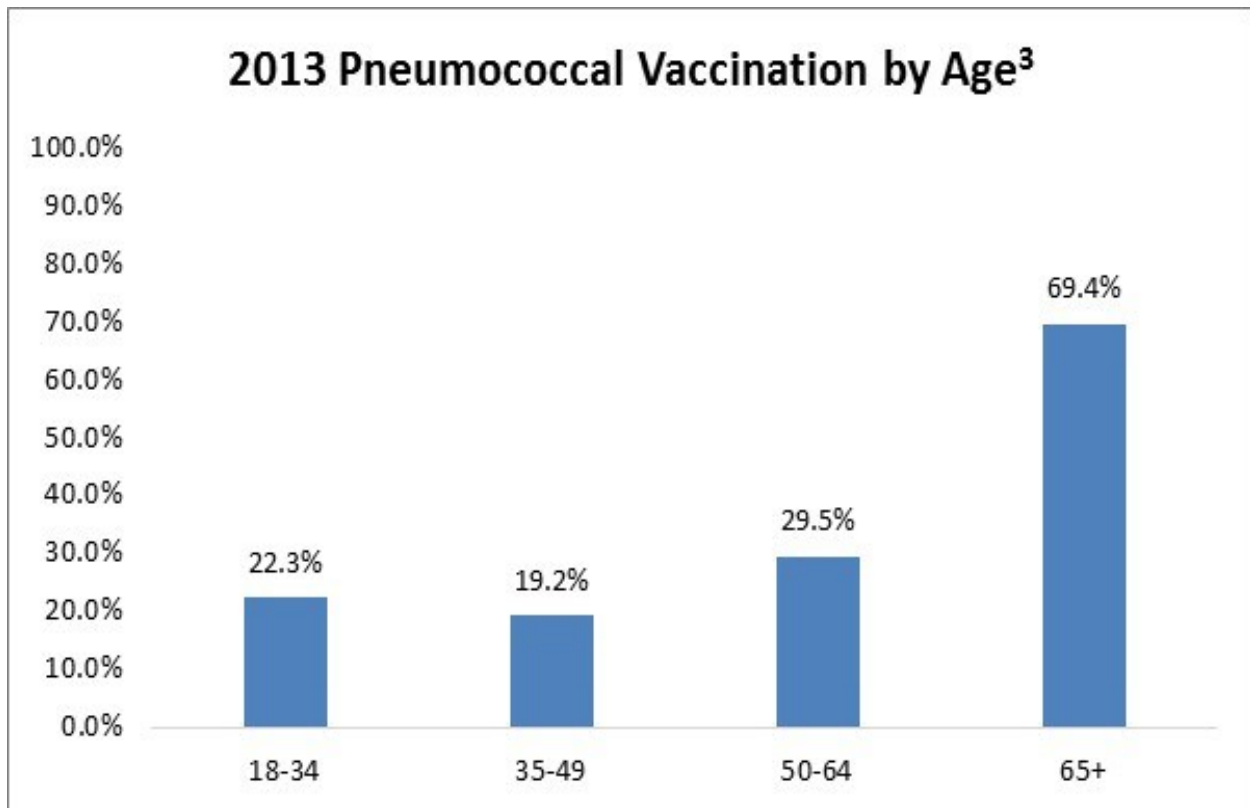
Vaccine/Vaccine Series	Utah	U.S.
≥1 dose HPV	44.3%	57.3%
≥2 doses HPV	30.9%	47.7%
≥3 doses HPV	20.5%	37.6%

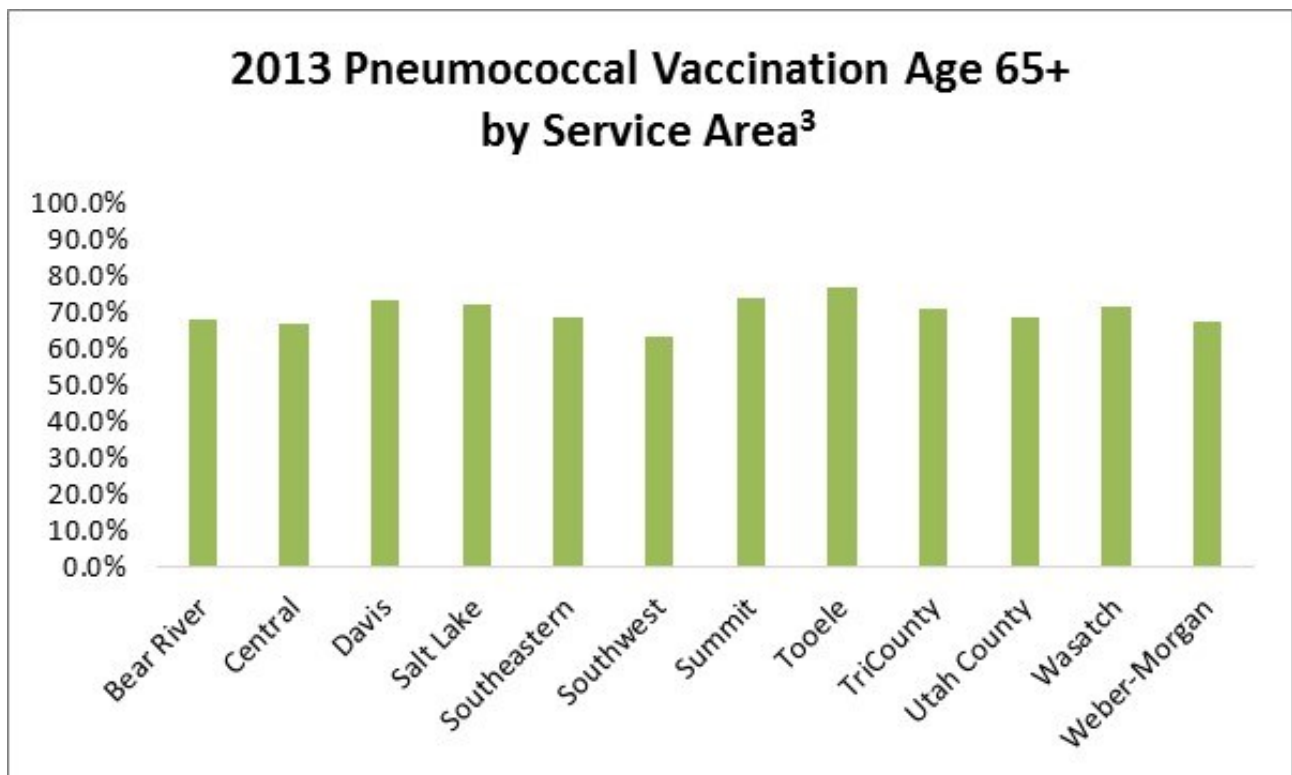
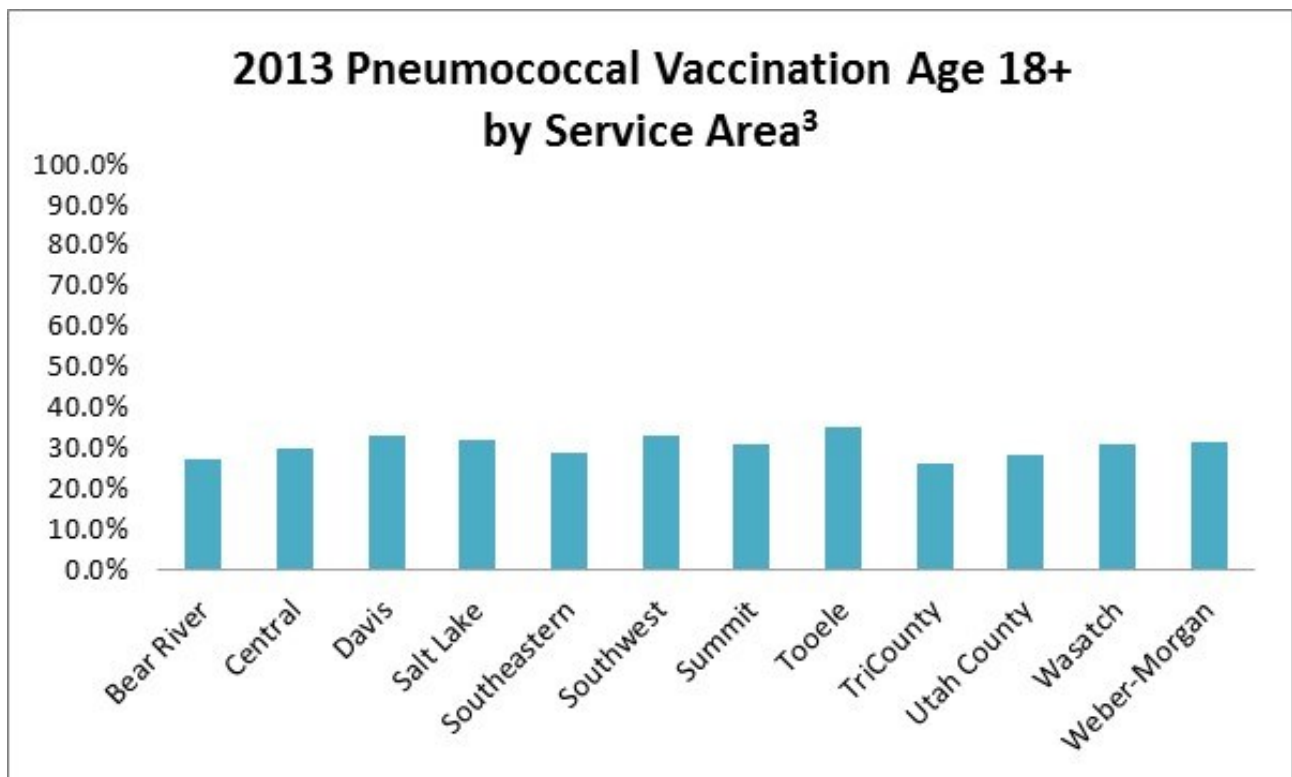
NIS Teen 2013, Males Ages 13-17¹

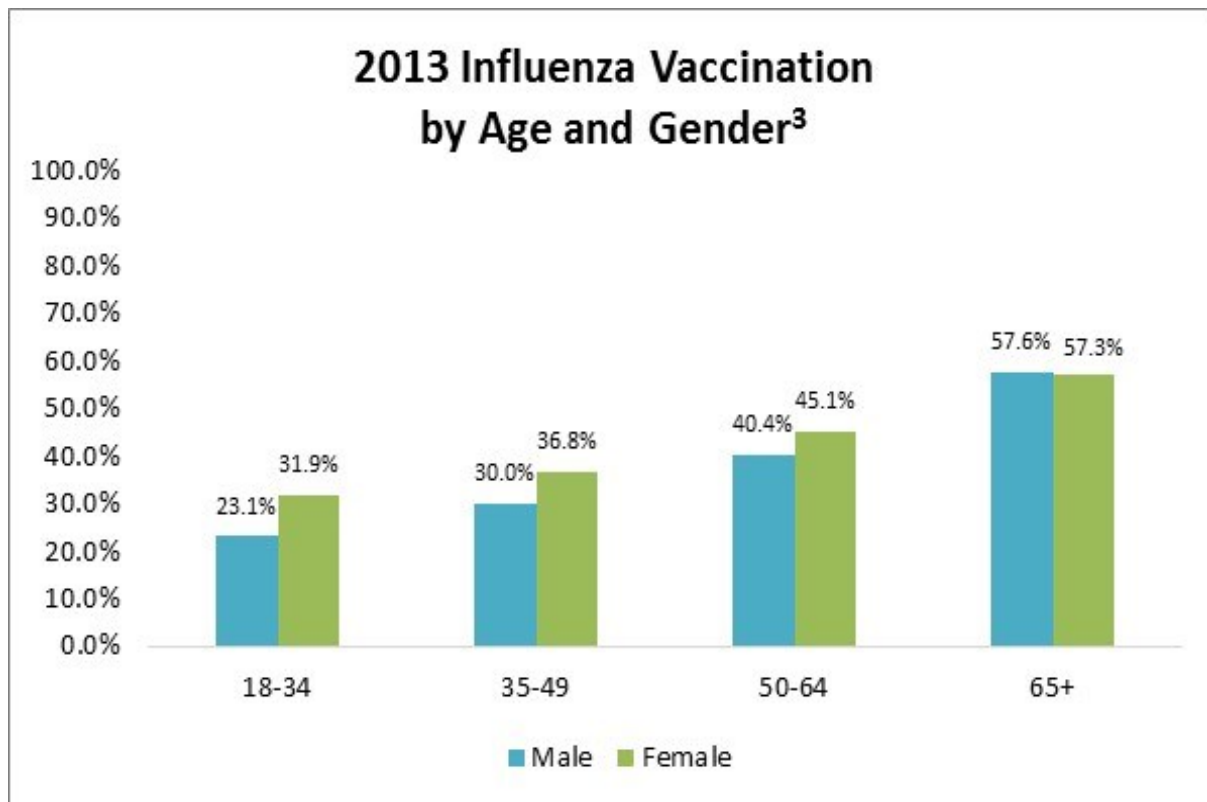
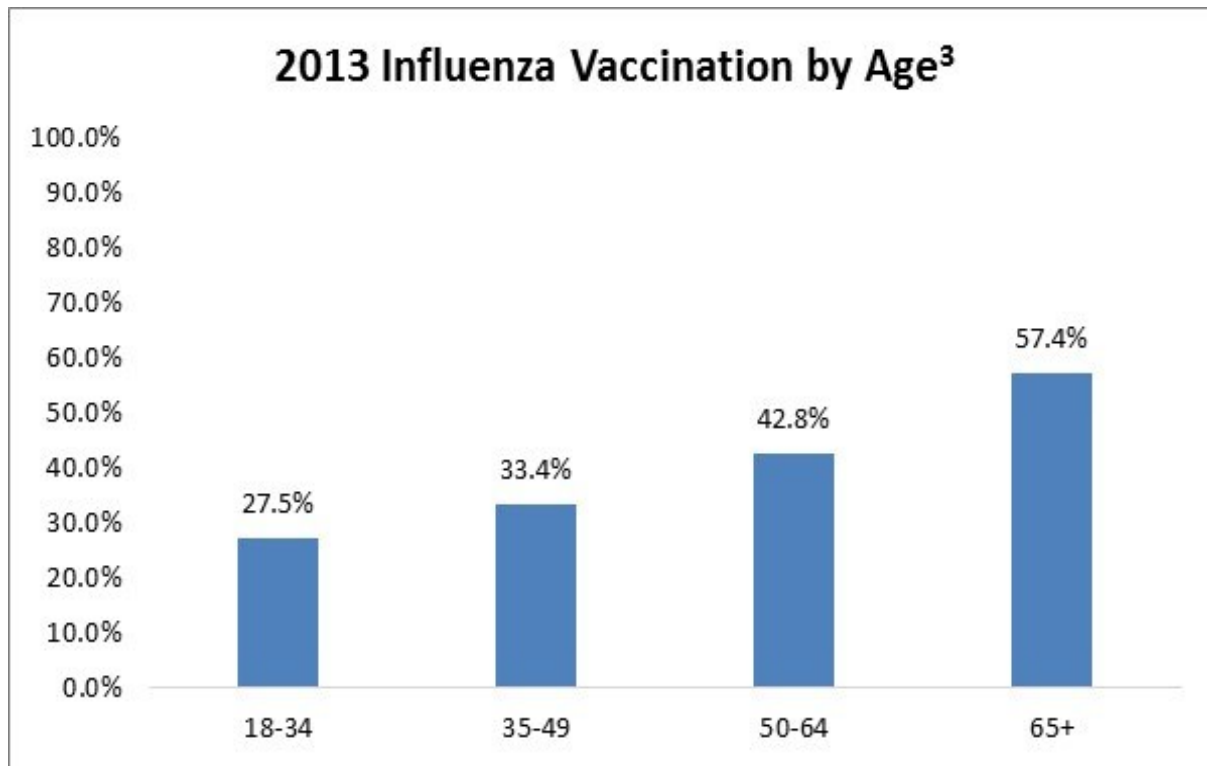
Vaccine/Vaccine Series	Utah	U.S.
≥1 dose HPV	11.0%	34.6%
≥2 doses HPV	N/A	23.5%
≥3 doses HPV	N/A	13.9%

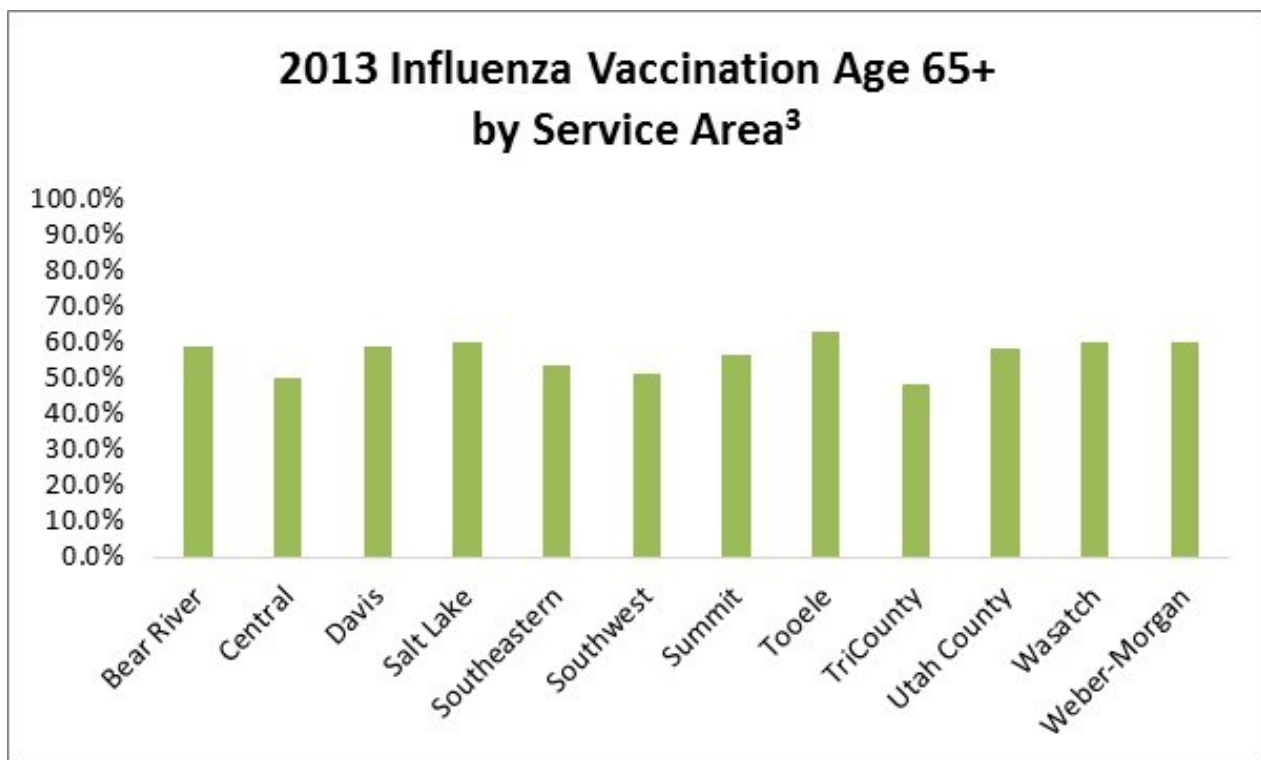
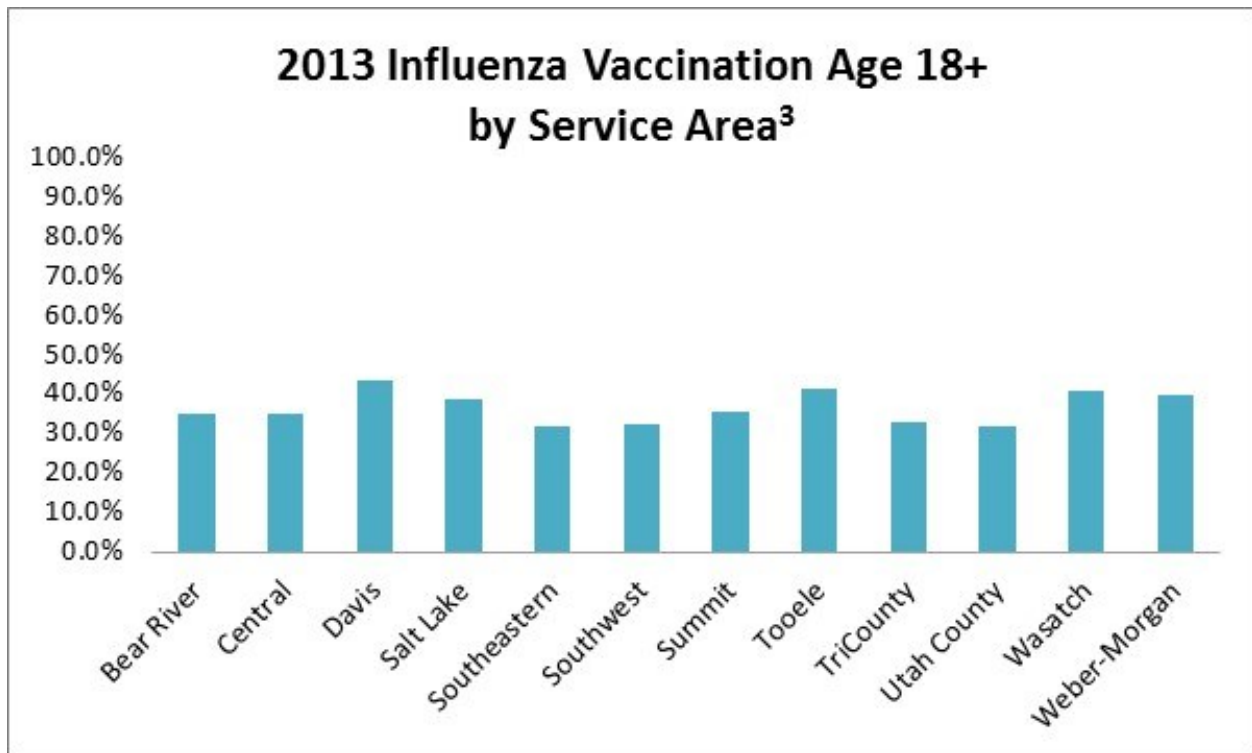
NIS Teen 2008-2013, Utah, Ages 13-15 ¹						
Survey Year	1 Tdap	2 VAR	1 MenACWY	1 HPV [¶]	1 HPV ^{¶¶}	3 HPV ^{**}
<i>Healthy People 2020 Objective</i>	80.0%	90.0%	80.0%	-	-	80.0%
2008	56.7%	26.4%	32.9%	16.5%	N/A	N/A
2009	74.3%	38.9%	44.6%	33.6%	N/A	20.9%
2010	77.7%	60.3%	54.9%	41.3%	N/A	24.8%
2011	84.9%	58.8%	63.2%	53.9%	N/A	17.7%
2012	76.9%	64.9%	57.1%	37.4%	N/A	22.3%
2013	85.7%	64.5%	63.0%	45.9%	N/A	19.8%

NIS Teen 2008-2013, U.S., Ages 13-15 ¹						
Survey Year	1 Tdap	2 VAR	1 MenACWY	1 HPV [¶]	1 HPV ^{¶¶}	3 HPV ^{**}
<i>Healthy People 2020 Objective</i>	80.0%	90.0%	80.0%	-	-	80.0%
2008	46.7%	36.7%	43.9%	37.3%	N/A	16.6%
2009	62.2%	51.5%	54.8%	41.4%	0.5%	22.9%
2010	74.2%	62.4%	64.8%	46.4%	1.4%	28.6%
2011	80.5%	71.8%	71.5%	47.9%	8.4%	30.0%
2012	85.3%	76.8%	73.8%	50.0%	20.9%	28.1%
2013	87.5%	80.7%	78.1%	54.9%	34.9%	32.7%

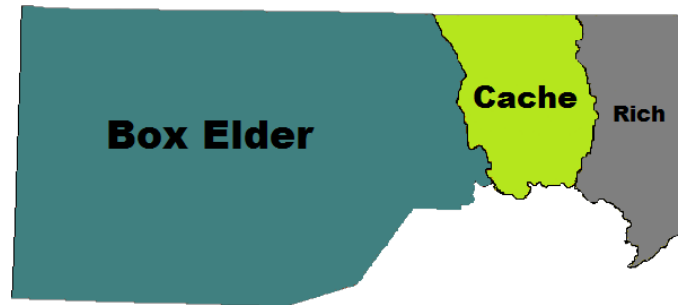








Early Childhood Immunization



24-35 months of Age⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	3,177	
	Total	Percent
≥3 doses DTaP	3,055	96.2%
≥4 doses DTaP	2,502	78.8%
≥3 doses Polio	3,001	94.5%
≥1 dose MMR	2,727	85.8%
≥3 doses Hib	2,742	86.3%
≥1 dose Hib	3,121	98.2%
≥3 doses Hep B	2,917	91.8%
Hep B Birth dose	2,770	87.2%
≥1 dose Varicella	2,774	87.3%
≥3 doses PCV	2,825	88.9%
≥4 doses PCV	2,516	79.2%
≥2 doses Hep A	2,213	69.7%
≥1 dose Rotavirus	2,759	86.8%
4:3:1	2,423	76.3%
4:3:1:3	2,399	75.5%
4:3:1:4	2,328	73.3%
4:3:1:3:3	2,365	74.4%
4:3:1:0:3:1	2,378	74.9%
4:3:1:3:3:1	2,355	74.1%
4:3:1:4:3:1	2,295	72.2%
4:3:1:0:3:1:4	2,295	72.2%
4:3:1:3:3:1:4	2,281	71.8%

≤3 months of Age⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	1,096	
	Total	Percent
≥1 dose DTaP	991	90.4%
≥1 dose Polio	988	90.1%
≥1 dose Hib	982	89.6%
≥1 dose Hep B	1,084	98.9%
≥2 doses Hep B	913	83.3%
≥1 dose PCV	982	89.6%

≤5 months of Age⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	1,550	
	Total	Percent
≥2 doses DTaP	871	56.2%
≥2 doses Polio	868	56.0%
≥2 doses Hib	866	55.9%
≥2 doses Hep B	1,330	85.8%
≥2 doses PCV	871	56.2%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	3,646	
	Total	Percent
≥3 doses DTaP	2,113	58.0%
≥2 doses Polio	2,767	75.9%
≥1 dose MMR	525	14.4%
≥2 doses Hib	2,752	75.5%
≥3 doses Hib	1,068	29.3%
≥2 doses Hep B	3,270	89.7%
≥3 doses Hep B	2,322	63.7%
≥1 dose Varicella	695	19.1%
≥3 doses PCV	2,097	57.5%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	5,137	
	Total	Percent
≥3 doses DTaP	3,405	66.3%
≥4 doses DTaP	891	17.3%
≥3 doses Polio	3,354	65.3%
≥1 dose MMR	1,644	32.0%
≥3 doses Hib	2,213	43.1%
≥1 dose Hib	4,830	94.0%
≥3 doses Hep B	3,609	70.3%
≥1 dose Varicella	1,913	37.2%
≥3 doses PCV	3,388	66.0%
4:3:1	794	15.5%
4:3:1:3	786	15.3%
4:3:1:4	771	15.0%
4:3:1:3:3	771	15.0%
4:3:1:0:3	779	15.2%
4:3:1:4:3	758	14.8%
4:3:1:3:3:1	765	14.9%
4:3:1:0:3:1	773	15.0%
4:3:1:4:3:1	753	14.7%

<24 Months of Age⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	6,573	
	Total	Percent
≥3 doses DTaP	4,669	71.0%
≥4 doses DTaP	1,940	29.5%
≥3 doses Polio	4,596	69.9%
≥1 dose MMR	2,835	43.1%
≥3 doses Hib	3,403	51.8%
≥1 dose Hib	6,199	94.3%
≥3 doses Hep B	4,861	74.0%
≥1 dose Varicella	3,118	47.4%
≥3 doses PCV	4,655	70.8%
≥4 doses PCV	2,840	43.2%
4:3:1	1,820	27.7%
4:3:1:3	1,804	27.4%
4:3:1:4	1,768	26.9%
4:3:1:3:3	1,767	26.9%
4:3:1:0:3	1,783	27.1%
4:3:1:4:3	1,736	26.4%
4:3:1:3:3:1	1,752	26.7%
4:3:1:0:3:1	1,768	26.9%
4:3:1:4:3:1	1,724	26.2%
4:3:1:3:3:1:4	1,712	26.0%

12-17 Years of Age⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	21,573	
	Total	Percent
1 HPV	4,619	21.4%
2 HPV	2,863	13.3%
3 HPV	1,799	8.3%

12-17 Years of Age⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	21,573	
	Total	Percent
≥1 dose Meningococcal	9,168	42.5%

<18 Years of Age⁶		
Children in USIIS born after 07/02/1995		
Total	67,349	
	Total	Percent
≥1 dose Influenza	34,676	51.5%

Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

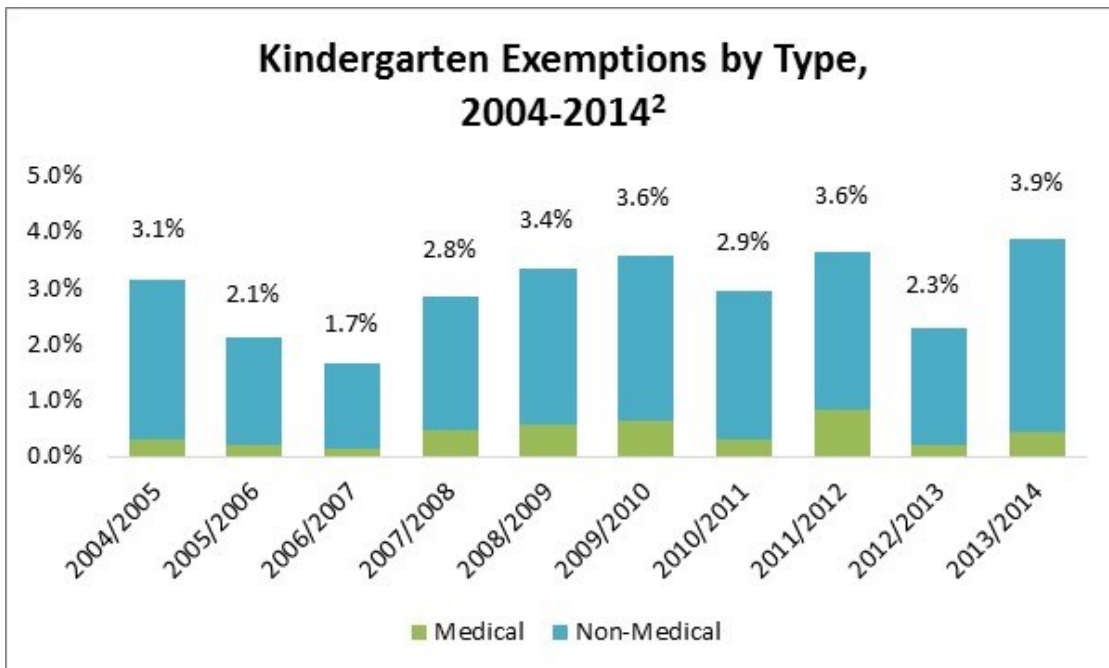
Adequately Immunized by School District 2013²

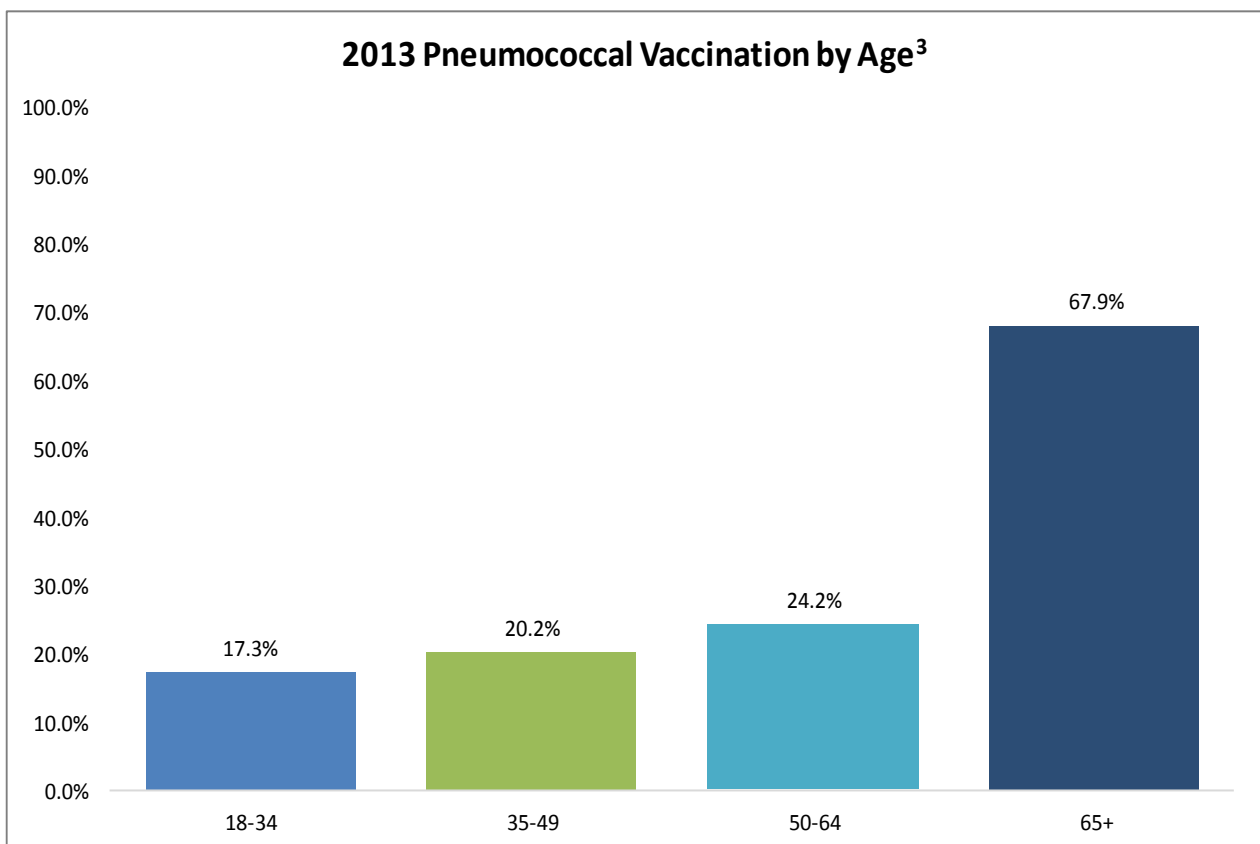
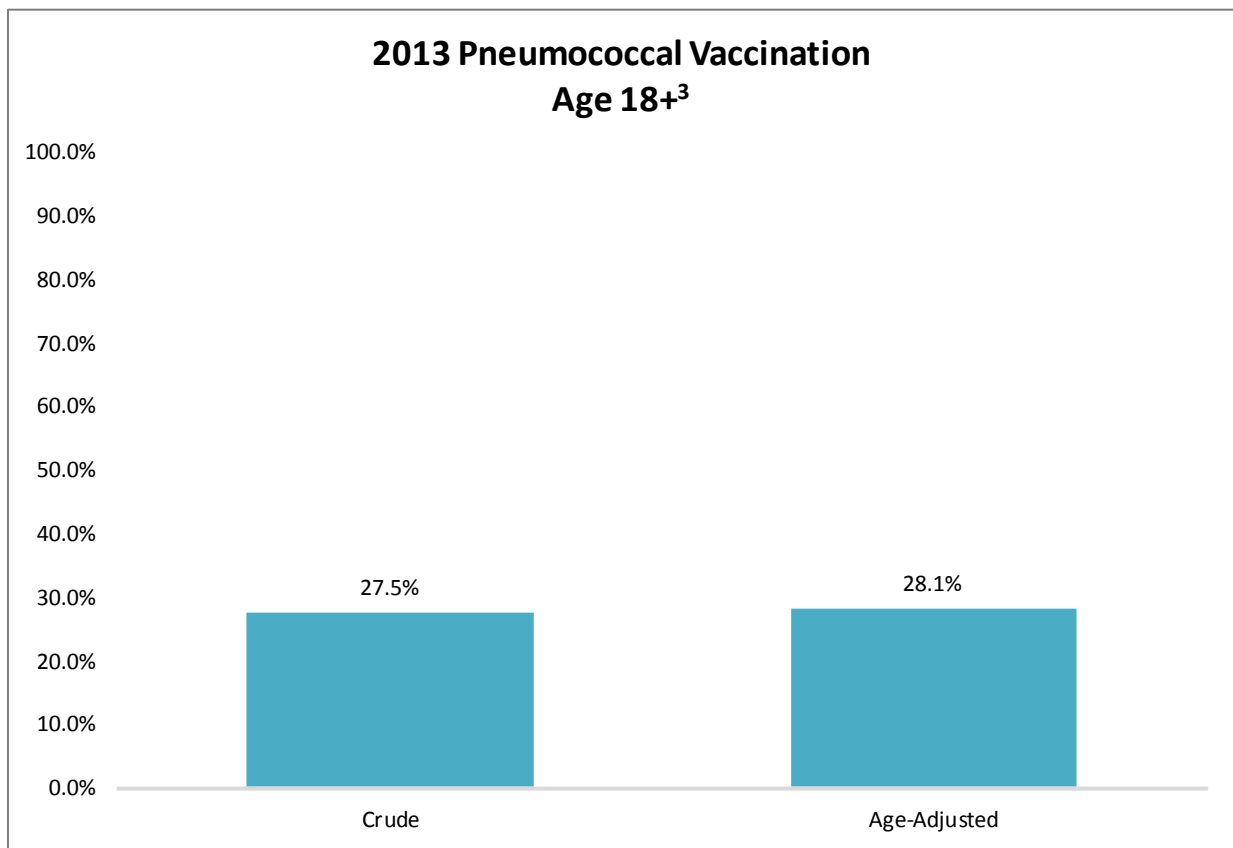
	Box Elder		Cache		Logan City		Rich	
	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	93.5%	3.9%	94.2%	3.6%	95.0%	2.0%	92.9%	7.1%
Second-Dose Measles (K-12)	97.1%	2.8%	94.3%	5.7%	98.6%	0.7%	95.9%	4.0%
7th Grade Entry	97.5%	2.2%	92.8%	7.2%	95.6%	2.0%	100.0%	0.0%

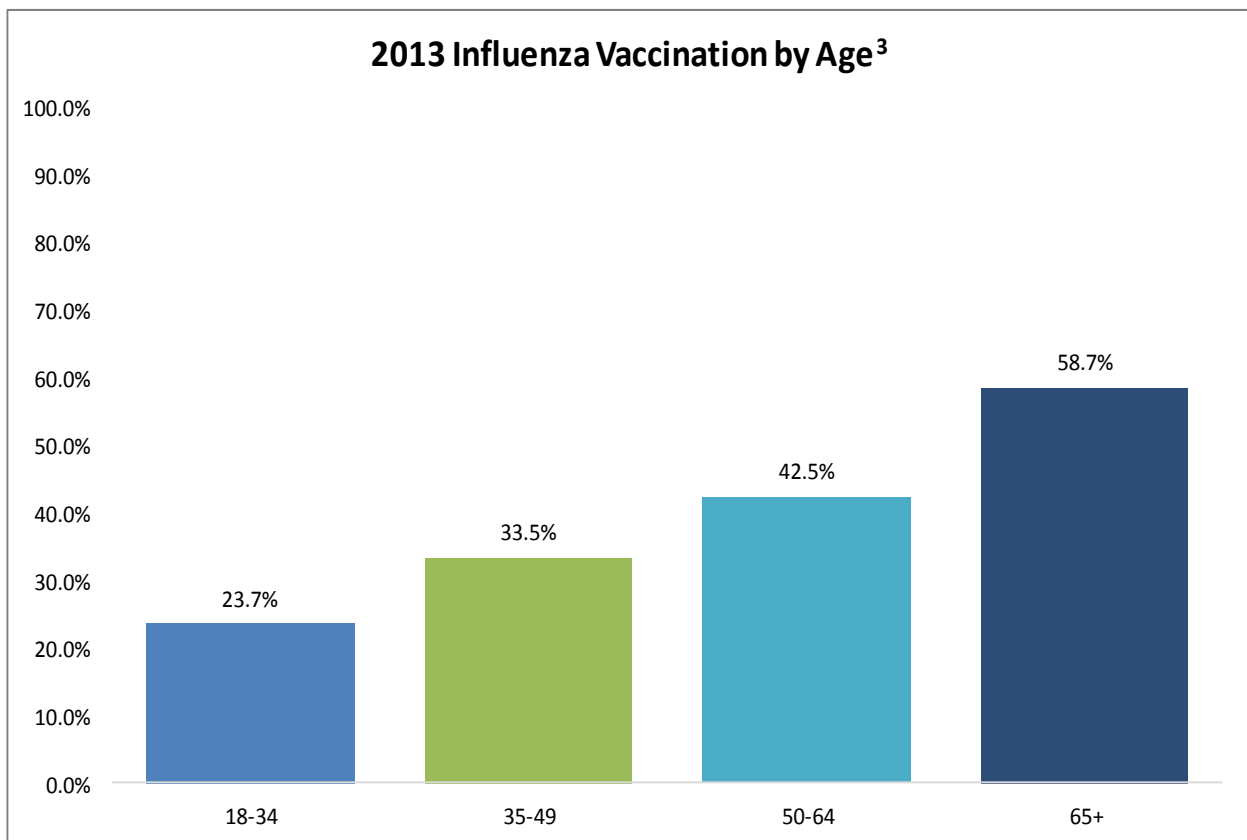
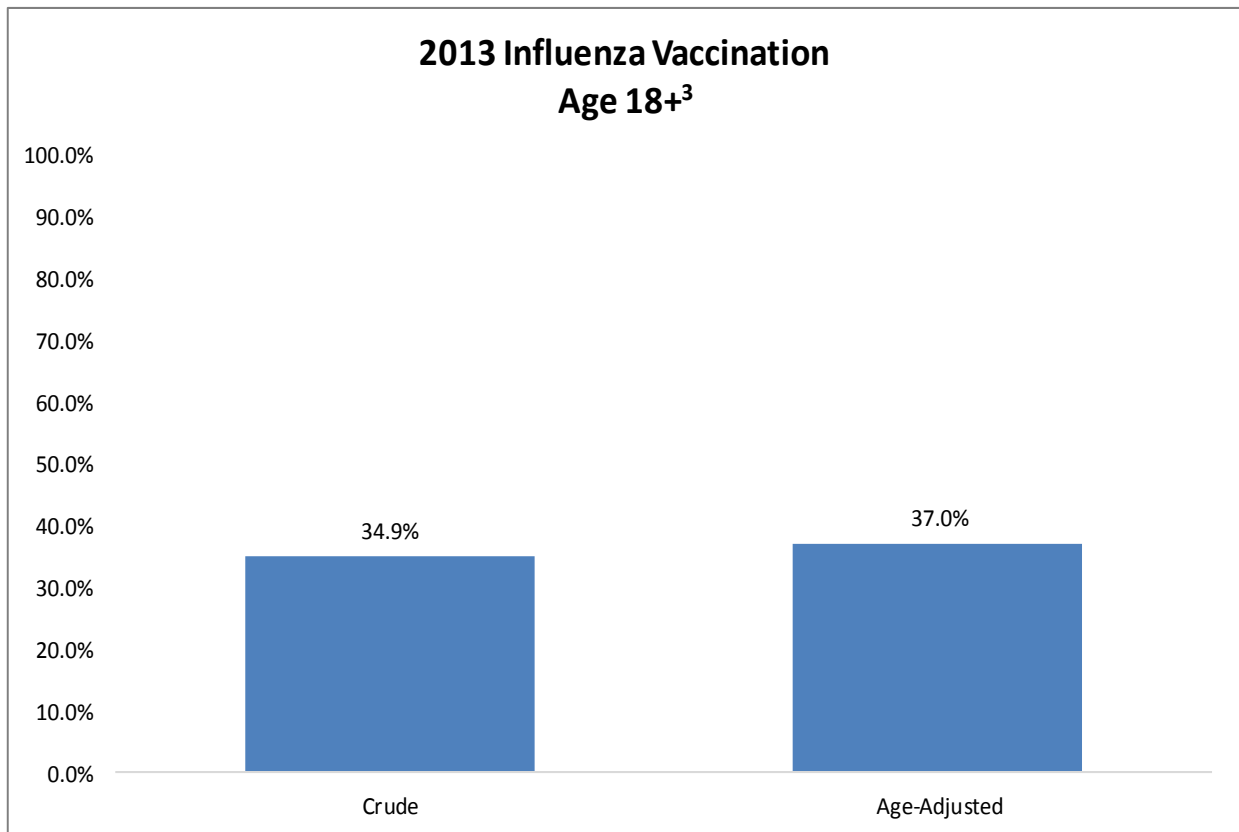
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	98.1%	0.5%
Head Start Centers	92.9%	2.5%

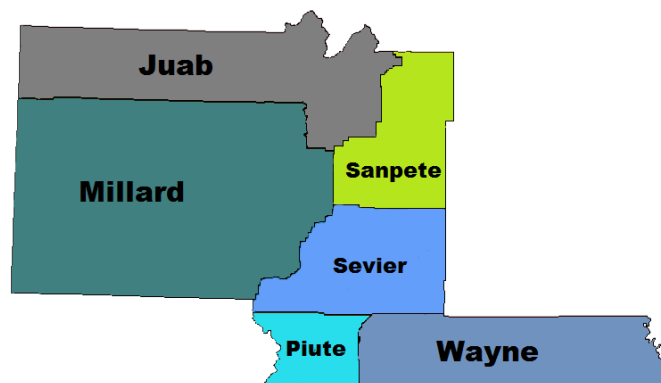
Kindergarten Exemptions by Type, 2004-2014²







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	1,046	
	Total	Percent
≥3 doses DTaP	895	85.6%
≥4 doses DTaP	685	65.5%
≥3 doses Polio	875	83.7%
≥1 dose MMR	871	83.3%
≥3 doses Hib	838	80.1%
≥1 dose Hib	1,018	97.3%
≥3 doses Hep B	855	81.7%
Hep B Birth dose	864	82.6%
≥1 dose Varicella	841	80.4%
≥3 doses PCV	817	78.1%
≥4 doses PCV	670	64.1%
≥2 doses Hep A	554	53.0%
≥1 dose Rotavirus	640	61.2%
4:3:1	665	63.6%
4:3:1:3	663	63.4%
4:3:1:4	593	56.7%
4:3:1:3:3	649	62.0%
4:3:1:0:3:1	636	60.8%
4:3:1:3:3:1	634	60.6%
4:3:1:4:3:1	570	54.5%
4:3:1:0:3:1:4	570	54.5%
4:3:1:3:3:1:4	569	54.4%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	357	
	Total	Percent
≥1 dose DTaP	300	84.0%
≥1 dose Polio	298	83.5%
≥1 dose Hib	299	83.8%
≥1 dose Hep B	356	99.7%
≥2 doses Hep B	281	78.7%
≥1 dose PCV	286	80.1%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	507	
	Total	Percent
≥2 doses DTaP	240	47.3%
≥2 doses Polio	239	47.1%
≥2 doses Hib	237	46.7%
≥2 doses Hep B	415	81.9%
≥2 doses PCV	224	44.2%

<13 Months of Age ⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	1,179	
	Total	Percent
≥3 doses DTaP	539	45.7%
≥2 doses Polio	797	67.6%
≥1 dose MMR	181	15.4%
≥2 doses Hib	797	67.6%
≥3 doses Hib	465	39.4%
≥2 doses Hep B	1,018	86.3%
≥3 doses Hep B	636	53.9%
≥1 dose Varicella	176	14.9%
≥3 doses PCV	517	43.9%

<19 Months of Age ⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	1,680	
	Total	Percent
≥3 doses DTaP	954	56.8%
≥4 doses DTaP	284	16.9%
≥3 doses Polio	944	56.2%
≥1 dose MMR	539	32.1%
≥3 doses Hib	854	50.8%
≥1 dose Hib	1,517	90.3%
≥3 doses Hep B	1,070	63.7%
≥1 dose Varicella	523	31.1%
≥3 doses PCV	913	54.3%
4:3:1	261	15.5%
4:3:1:3	258	15.4%
4:3:1:4	237	14.1%
4:3:1:3:3	257	15.3%
4:3:1:0:3	260	15.5%
4:3:1:4:3	237	14.1%
4:3:1:3:3:1	252	15.0%
4:3:1:0:3:1	255	15.2%
4:3:1:4:3:1	234	13.9%

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	2,125	
	Total	Percent
≥3 doses DTaP	1,316	61.9%
≥4 doses DTaP	536	25.2%
≥3 doses Polio	1,302	61.3%
≥1 dose MMR	884	41.6%
≥3 doses Hib	1,201	56.5%
≥1 dose Hib	1,932	90.9%
≥3 doses Hep B	1,432	67.4%
≥1 dose Varicella	848	39.9%
≥3 doses PCV	1,265	59.5%
≥4 doses PCV	695	32.7%
4:3:1	504	23.7%
4:3:1:3	501	23.6%
4:3:1:4	454	21.4%
4:3:1:3:3	494	23.2%
4:3:1:0:3	497	23.4%
4:3:1:4:3	450	21.2%
4:3:1:3:3:1	484	22.8%
4:3:1:0:3:1	487	22.9%
4:3:1:4:3:1	445	20.9%
4:3:1:3:3:1:4	443	20.8%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	9,894	
	Total	Percent
1 HPV	1,893	19.1%
2 HPV	1,012	10.2%
3 HPV	562	5.7%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	9,894	
	Total	Percent
≥1 dose Meningococcal	3,120	31.5%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	27,124	
	Total	Percent
≥1 dose Influenza	11,224	41.4%

Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

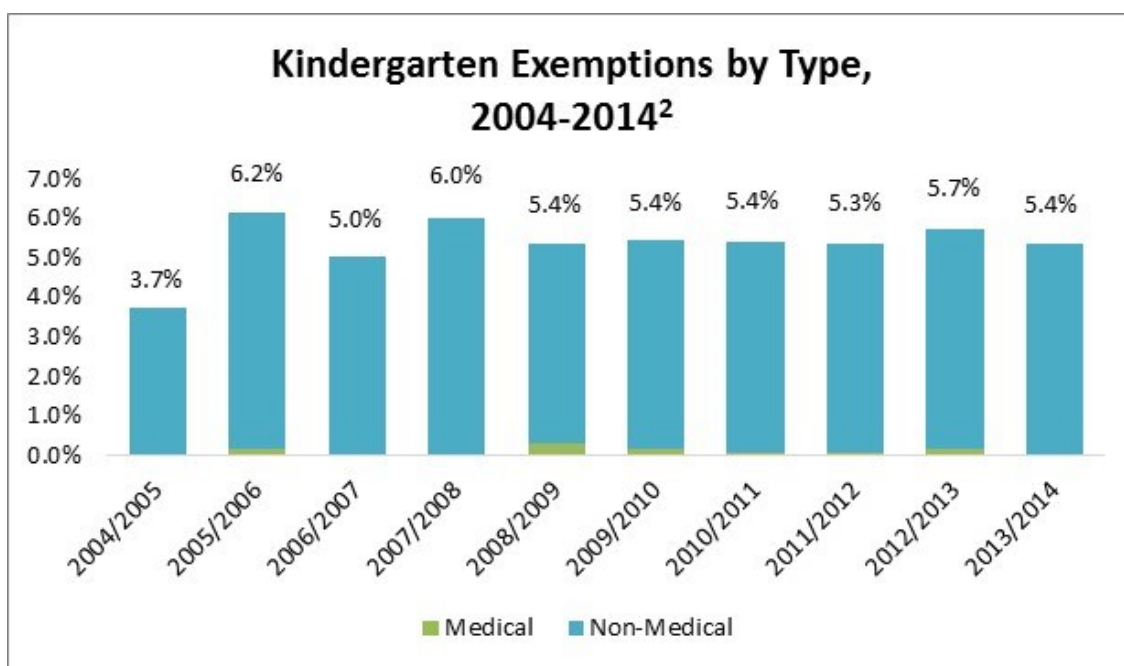
Adequately Immunized by School District 2013²

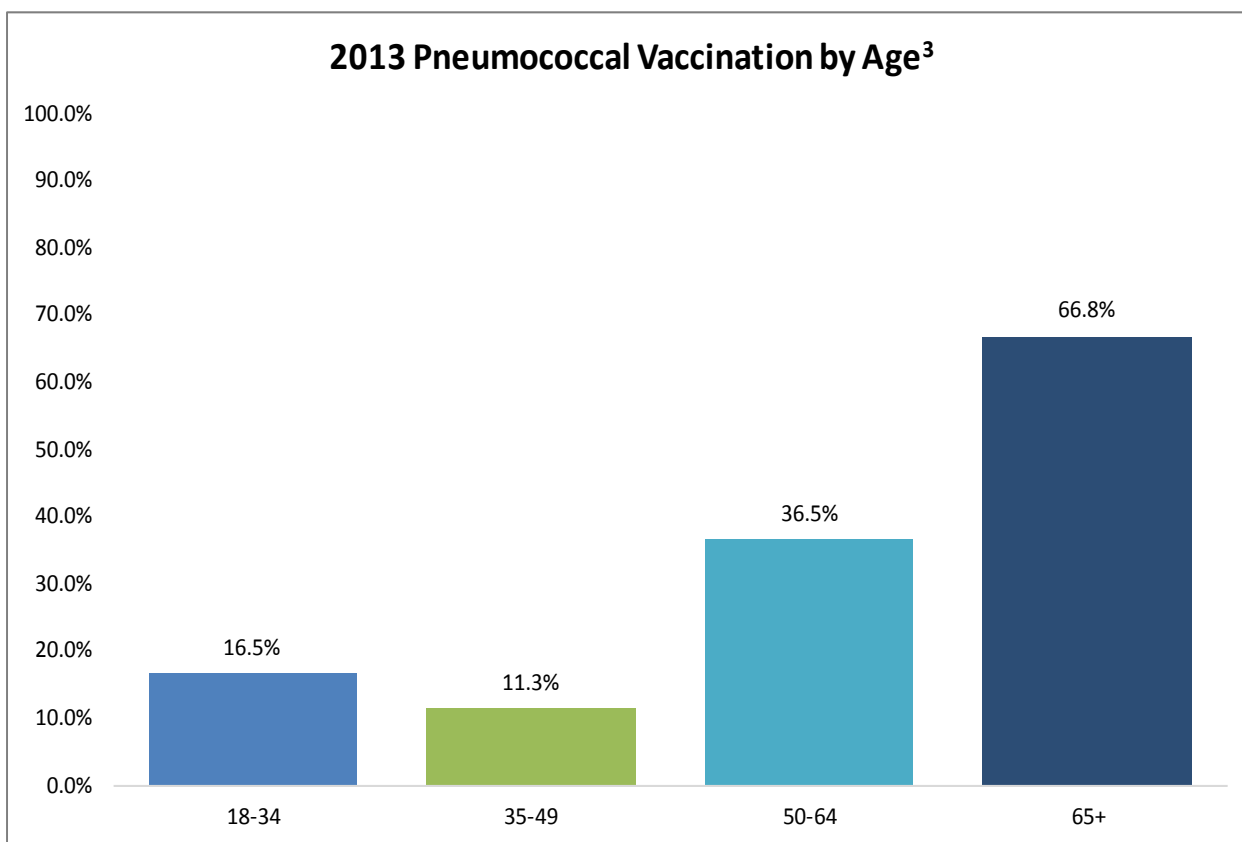
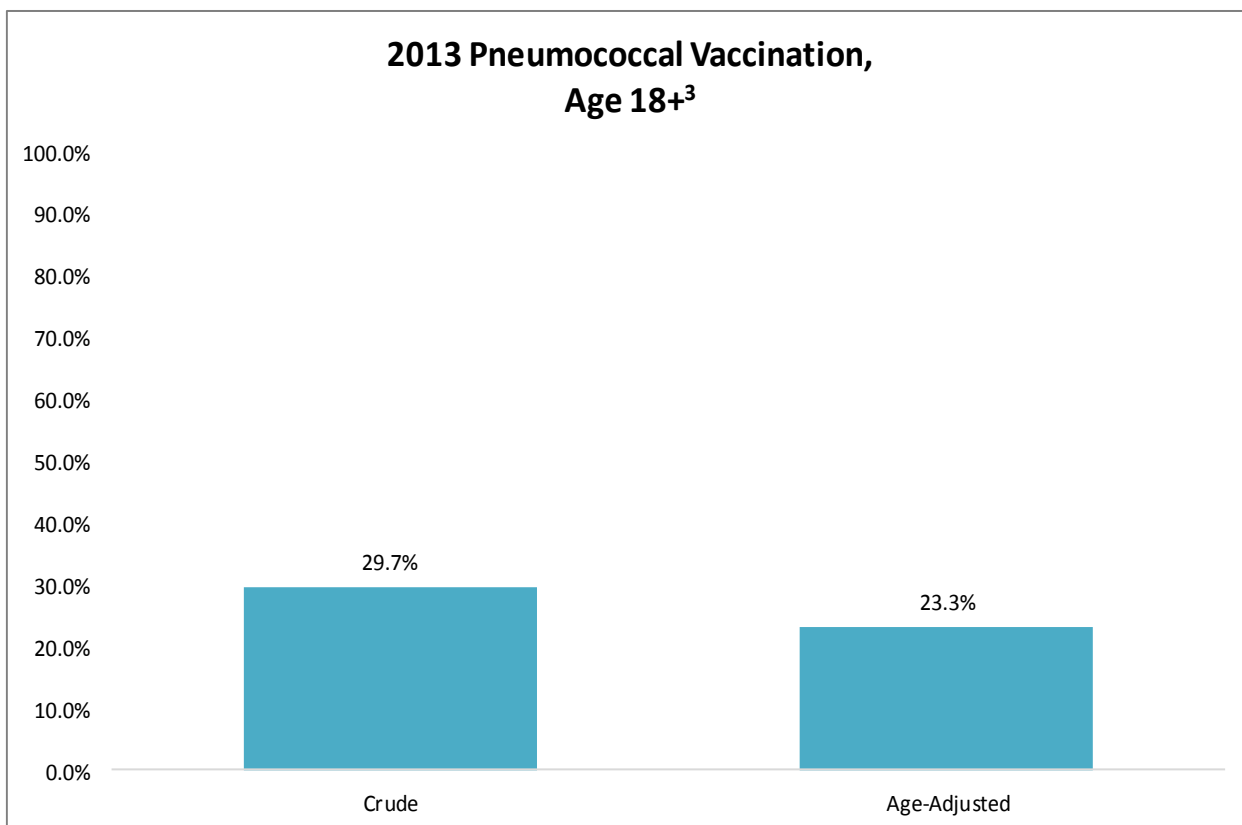
	Juab		Millard		N Sanpete		Piute		Sevier		S Sanpete		Tintic		Wayne	
	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp
Kindergarten School Entry	91.1%	5.9%	92.7%	4.3%	88.5%	7.1%	96.0%	4.0%	90.3%	5.5%	91.7%	5.7%	100%	0.0%	88.2%	0.0%
Second-Dose Measles (K-12)	88.0%	12.0%	95.5%	4.1%	91.7%	8.2%	95.8%	4.2%	93.5%	6.3%	95.7%	4.2%	95.8%	4.2%	94.7%	4.3%
7th Grade Entry	88.4%	11.6%	88.9%	6.2%	93.1%	6.9%	100%	0.0%	92.7%	6.8%	95.1%	4.5%	95.2%	4.8%	97.4%	2.6%

Immunized for Child Care 2013²

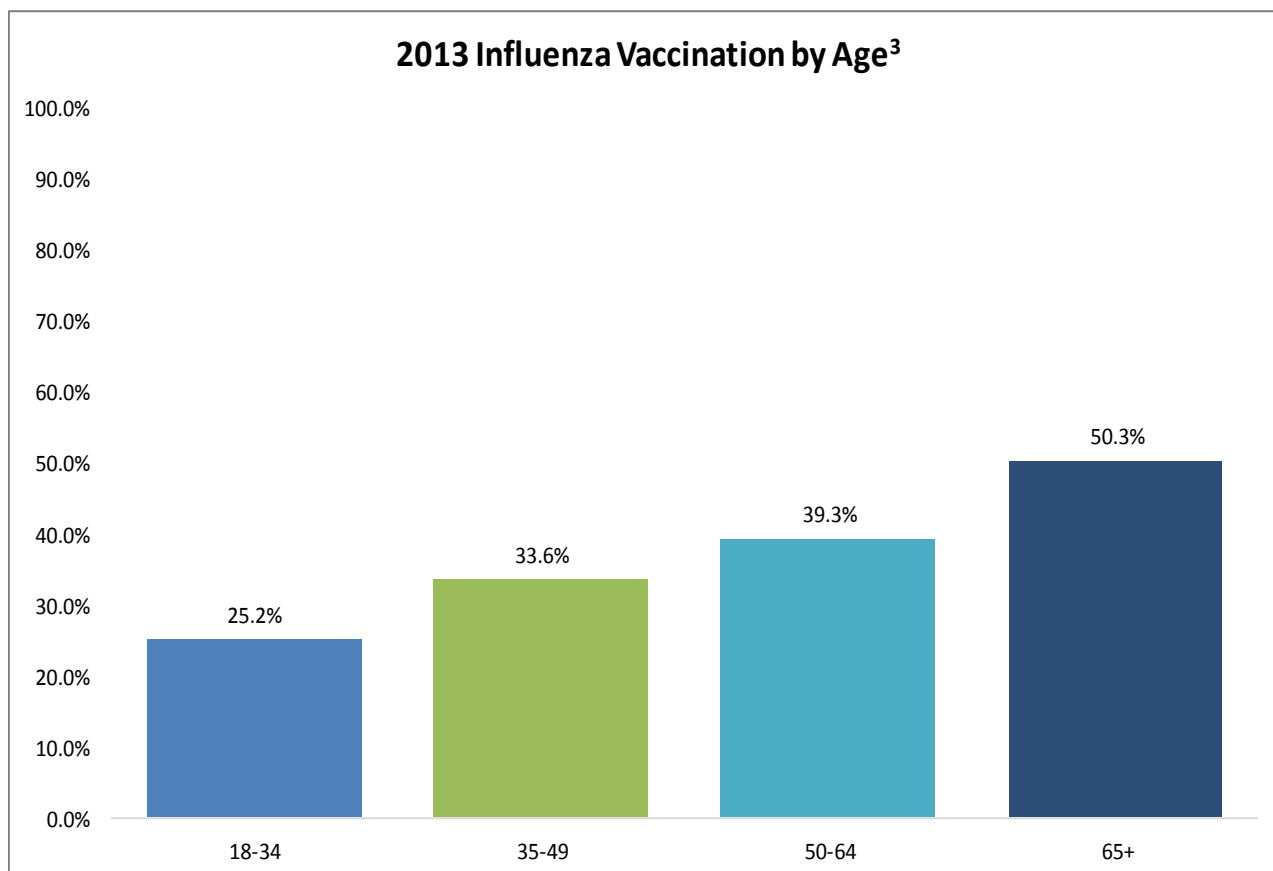
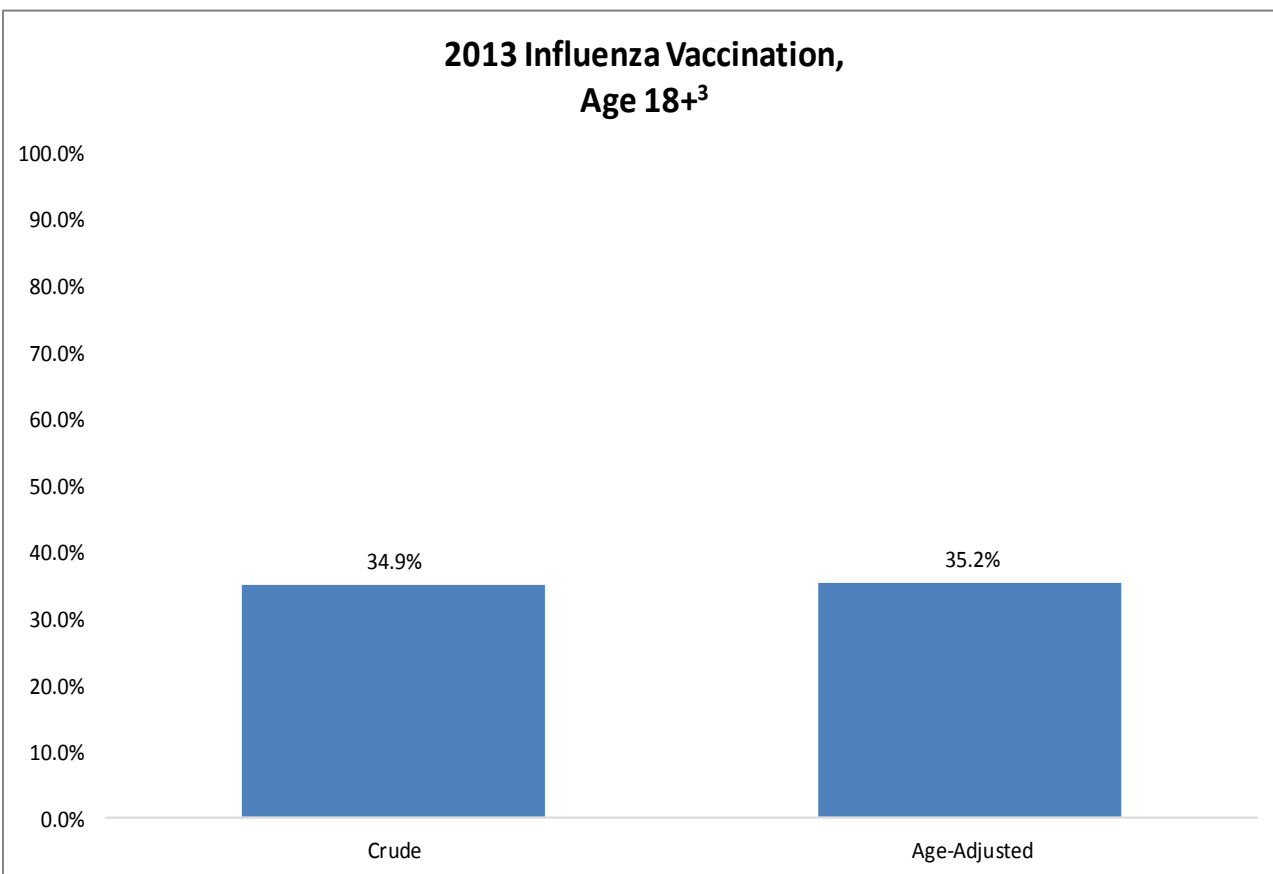
	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	85.4%	0.8%
Head Start Centers	91.4%	2.3%

Kindergarten Exemptions by Type, 2004-2014²

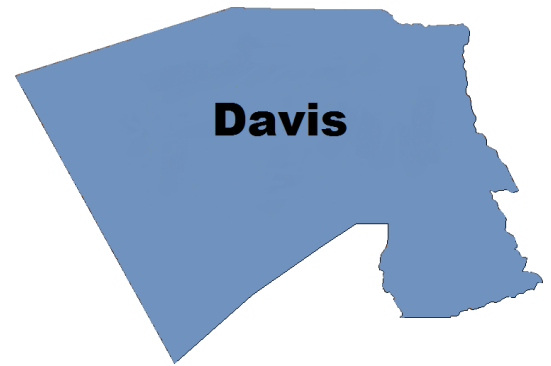




Source: BRFSS, Utah, 2013. Crude and Age-adjusted Rates.



Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	6,048	
	Total	Percent
≥3 doses DTaP	4,800	79.4%
≥4 doses DTaP	3,855	63.7%
≥3 doses Polio	4,593	75.9%
≥1 dose MMR	5,092	84.2%
≥3 doses Hib	4,491	74.3%
≥1 dose Hib	5,614	92.8%
≥3 doses Hep B	4,442	73.4%
Hep B Birth dose	5,286	87.4%
≥1 dose Varicella	5,047	83.4%
≥3 doses PCV	4,483	74.1%
≥4 doses PCV	3,798	62.8%
≥2 doses Hep A	3,796	62.8%
≥1 dose Rotavirus	4,622	76.4%
4:3:1	3,701	61.2%
4:3:1:3	3,651	60.4%
4:3:1:4	3,490	57.7%
4:3:1:3:3	3,539	58.5%
4:3:1:0:3:1	3,548	58.7%
4:3:1:3:3:1	3,500	57.9%
4:3:1:4:3:1	3,373	55.8%
4:3:1:0:3:1:4	3,373	55.8%
4:3:1:3:3:1:4	3,338	55.2%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	1,879	
	Total	Percent
≥1 dose DTaP	1,507	80.2%
≥1 dose Polio	1,496	79.6%
≥1 dose Hib	1,497	79.7%
≥1 dose Hep B	1,866	99.3%
≥2 doses Hep B	1,403	74.7%
≥1 dose PCV	1,475	78.5%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	2,759	
	Total	Percent
≥2 doses DTaP	1,345	48.7%
≥2 doses Polio	1,333	48.3%
≥2 doses Hib	1,338	48.5%
≥2 doses Hep B	2,145	77.7%
≥2 doses PCV	1,325	48.0%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	6,625	
	Total	Percent
≥3 doses DTaP	3,486	52.6%
≥2 doses Polio	4,660	70.3%
≥1 dose MMR	1,205	18.2%
≥2 doses Hib	4,633	69.9%
≥3 doses Hib	3,156	47.6%
≥2 doses Hep B	5,556	83.9%
≥3 doses Hep B	3,607	54.4%
≥1 dose Varicella	1,171	17.7%
≥3 doses PCV	3,467	52.3%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	9,364	
	Total	Percent
≥3 doses DTaP	5,821	62.2%
≥4 doses DTaP	1,852	19.8%
≥3 doses Polio	5,702	60.9%
≥1 dose MMR	3,381	36.1%
≥3 doses Hib	5,332	56.9%
≥1 dose Hib	8,383	89.5%
≥3 doses Hep B	5,878	62.8%
≥1 dose Varicella	3,341	35.7%
≥3 doses PCV	5,825	62.2%
4:3:1	1,763	18.8%
4:3:1:3	1,744	18.6%
4:3:1:4	1,677	17.9%
4:3:1:3:3	1,700	18.2%
4:3:1:0:3	1,717	18.3%
4:3:1:4:3	1,640	17.5%
4:3:1:3:3:1	1,683	18.0%
4:3:1:0:3:1	1,700	18.2%
4:3:1:4:3:1	1,626	17.4%

<24 Months of Age⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	12,029	
	Total	Percent
≥3 doses DTaP	8,027	66.7%
≥4 doses DTaP	3,574	29.7%
≥3 doses Polio	7,800	64.8%
≥1 dose MMR	5,597	46.5%
≥3 doses Hib	7,487	62.2%
≥1 dose Hib	10,837	90.1%
≥3 doses Hep B	7,966	66.2%
≥1 dose Varicella	5,545	46.1%
≥3 doses PCV	8,068	67.1%
≥4 doses PCV	4,485	37.3%
4:3:1	3,411	28.4%
4:3:1:3	3,377	28.1%
4:3:1:4	3,230	26.9%
4:3:1:3:3	3,292	27.4%
4:3:1:0:3	3,324	27.6%
4:3:1:4:3	3,161	26.3%
4:3:1:3:3:1	3,264	27.1%
4:3:1:0:3:1	3,295	27.4%
4:3:1:4:3:1	3,139	26.1%
4:3:1:3:3:1:4	3,114	25.9%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	38,394	
	Total	Percent
1 HPV	10,492	27.3%
2 HPV	5,625	14.7%
3 HPV	3,229	8.4%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	38,394	
	Total	Percent
≥1 dose Meningococcal	18,723	48.8%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	121,786	
	Total	Percent
≥1 dose Influenza	64,431	52.9%

Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

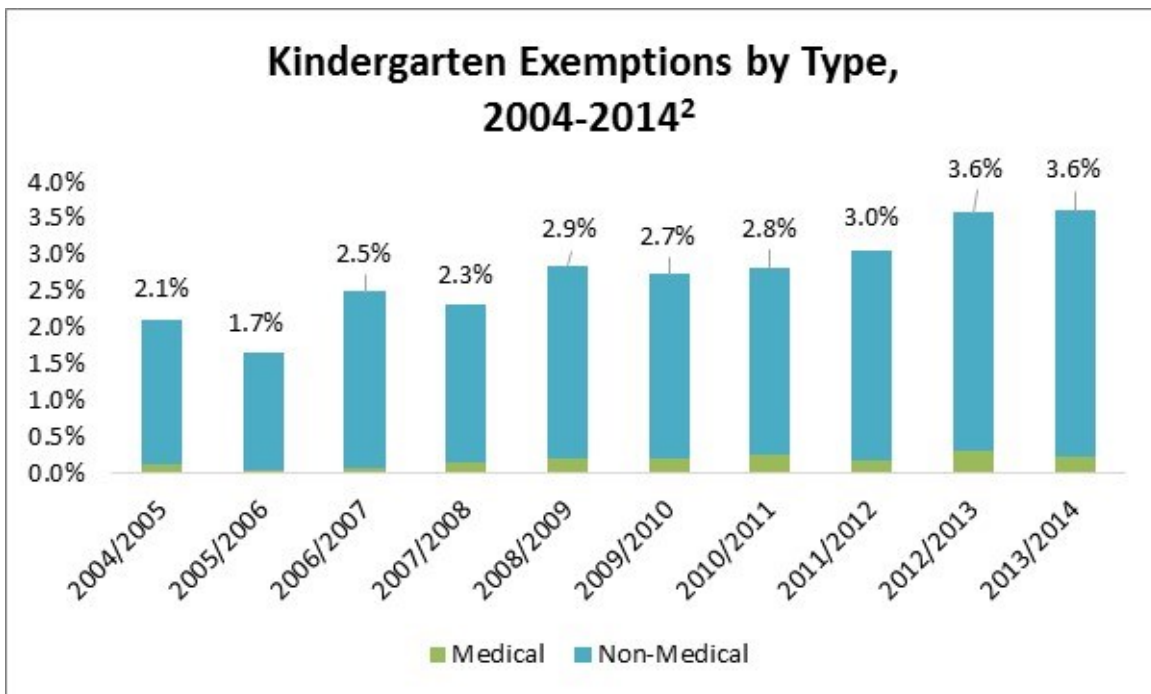
Adequately Immunized by School District 2013²

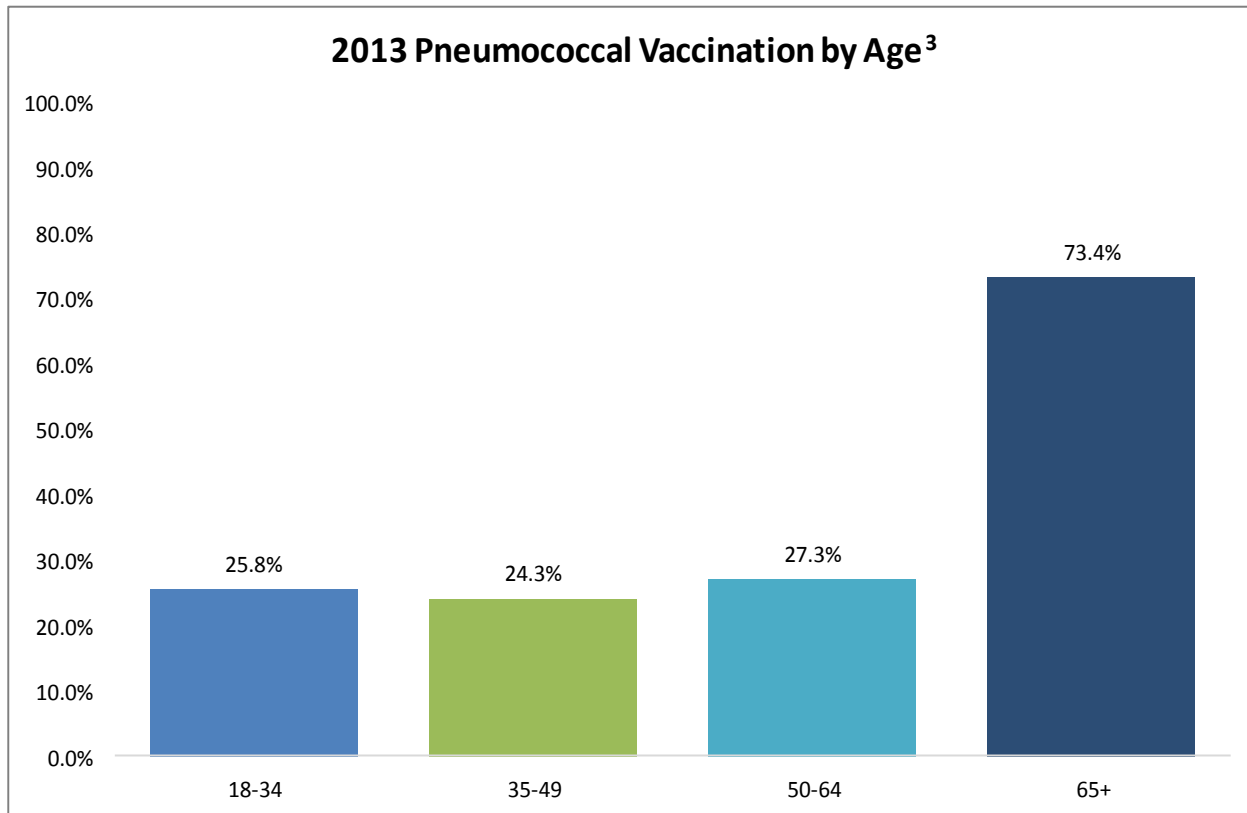
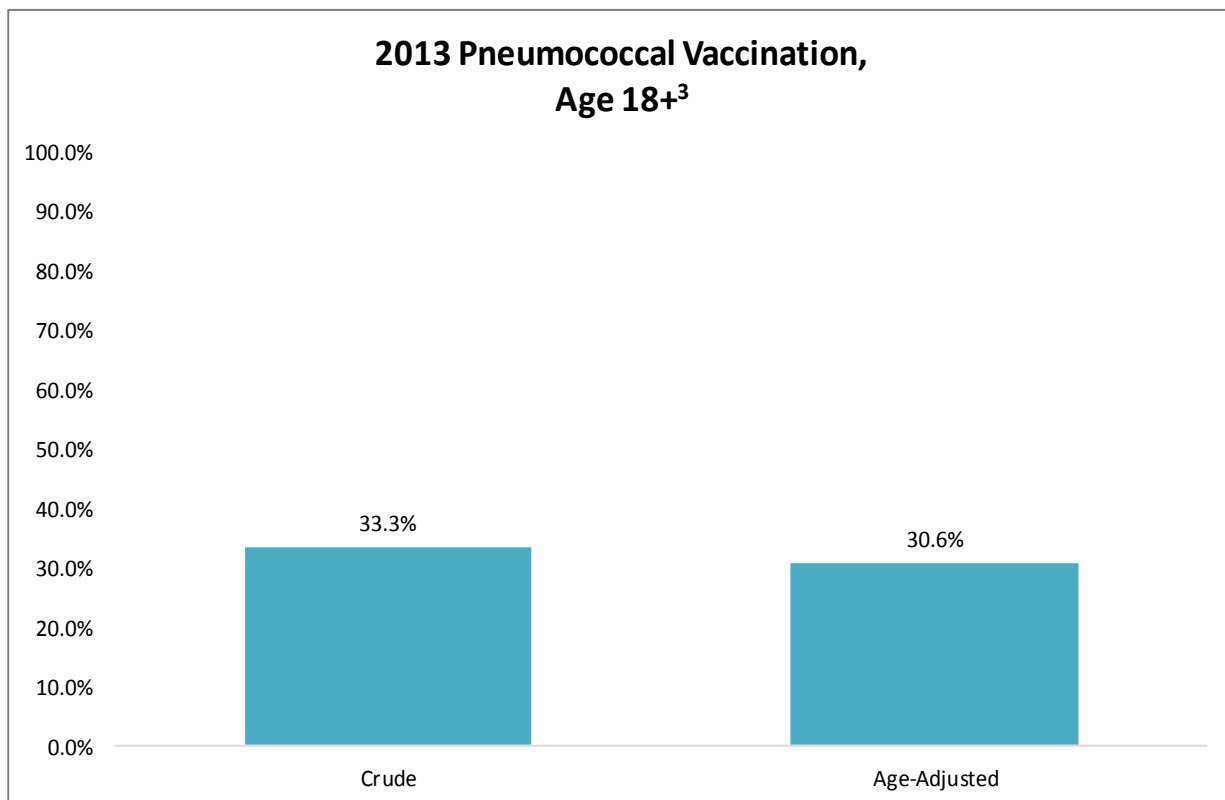
Davis School District		
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	94.0%	3.5%
Second-Dose Measles (K-12)	97.0%	2.8%
7th Grade Entry	95.3%	3.6%

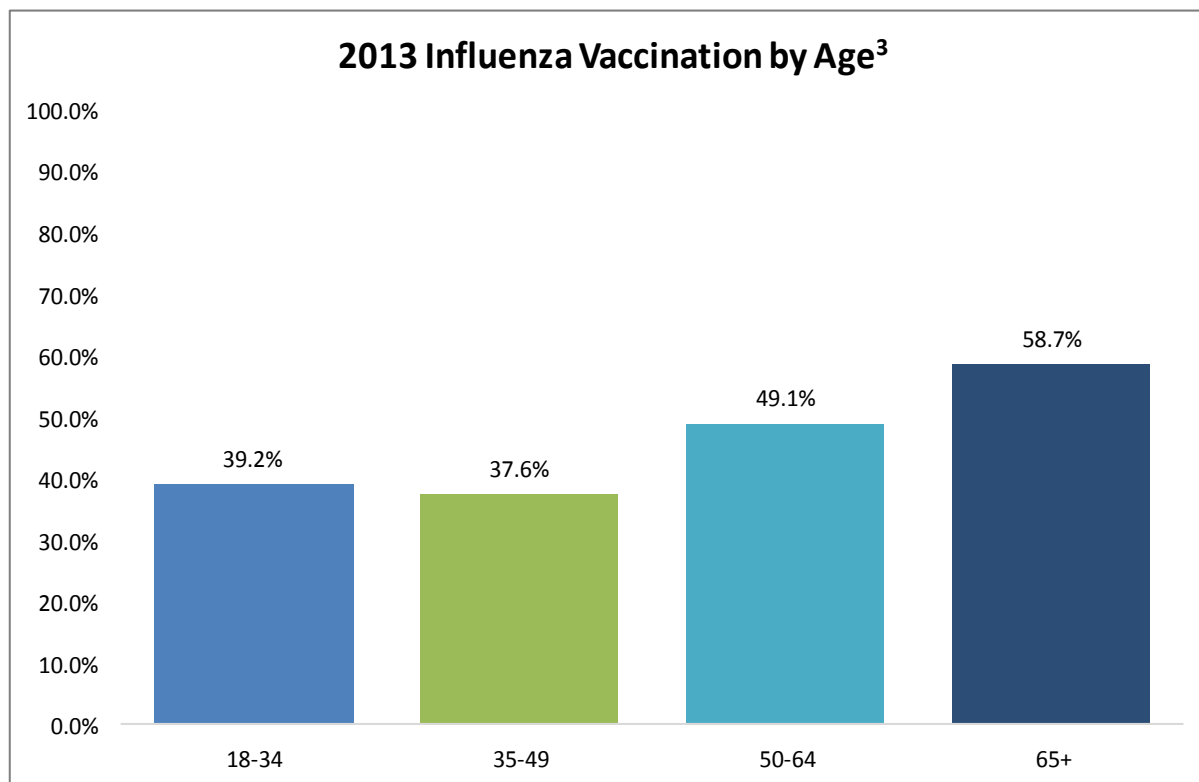
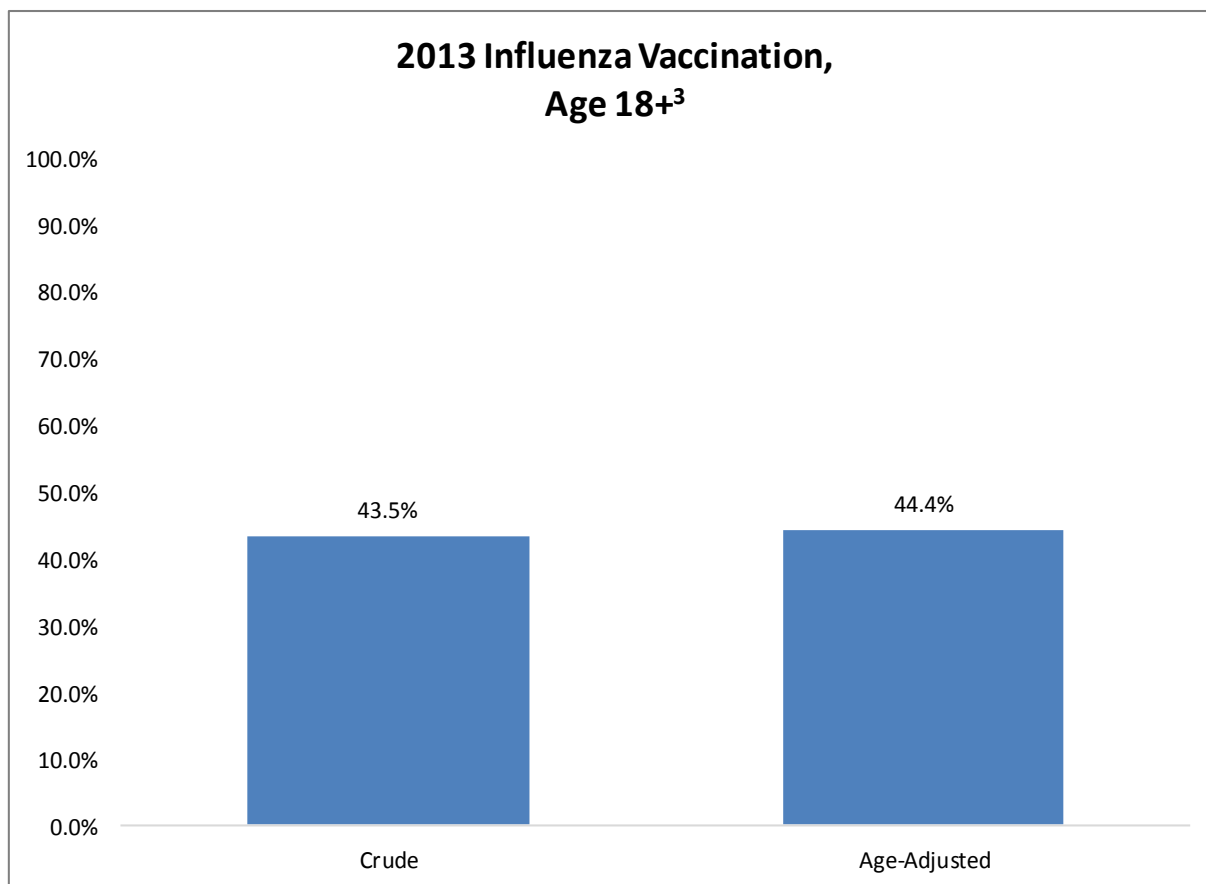
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	66.8%	1.1%
Head Start Centers	93.4%	1.8%

Kindergarten Exemptions by Type, 2004-2014²







Early Childhood Immunization

24-35 months of Age⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	17,917	
	Total	Percent
≥3 doses DTaP	16,714	93.3%
≥4 doses DTaP	13,787	76.9%
≥3 doses Polio	16,449	91.8%
≥1 dose MMR	15,048	84.0%
≥3 doses Hib	15,415	86.0%
≥1 dose Hib	17,299	96.6%
≥3 doses Hep B	15,871	88.6%
Hep B Birth dose	15,583	87.0%
≥1 dose Varicella	14,829	82.8%
≥3 doses PCV	15,358	85.7%
≥4 doses PCV	13,479	75.2%
≥2 doses Hep A	11,661	65.1%
≥1 dose Rotavirus	15,285	85.3%
4:3:1	13,470	75.2%
4:3:1:3	13,322	74.4%
4:3:1:4	12,806	71.5%
4:3:1:3:3	13,108	73.2%
4:3:1:0:3:1	13,114	73.2%
4:3:1:3:3:1	12,981	72.5%
4:3:1:4:3:1	12,524	69.9%
4:3:1:0:3:1:4	12,524	69.9%
4:3:1:3:3:1:4	12,472	69.6%

≤3 months of Age⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	5,989	
	Total	Percent
≥1 dose DTaP	5,130	85.7%
≥1 dose Polio	5,072	84.7%
≥1 dose Hib	5,072	84.7%
≥1 dose Hep B	5,899	98.5%
≥2 doses Hep B	4,679	78.1%
≥1 dose PCV	5,066	84.6%

≤5 months of Age⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	8,794	
	Total	Percent
≥2 doses DTaP	4,586	52.1%
≥2 doses Polio	4,538	51.6%
≥2 doses Hib	4,535	51.6%
≥2 doses Hep B	7,128	81.1%
≥2 doses PCV	4,529	51.5%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	20,944	
	Total	Percent
≥3 doses DTaP	11,480	54.8%
≥2 doses Polio	15,004	71.6%
≥1 dose MMR	4,144	19.8%
≥2 doses Hib	15,072	72.0%
≥3 doses Hib	9,427	45.0%
≥2 doses Hep B	17,921	85.6%
≥3 doses Hep B	12,915	61.7%
≥1 dose Varicella	3,813	18.2%
≥3 doses PCV	11,284	53.9%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	29,637	
	Total	Percent
≥3 doses DTaP	19,026	64.2%
≥4 doses DTaP	6,756	22.8%
≥3 doses Polio	18,585	62.7%
≥1 dose MMR	10,999	37.1%
≥3 doses Hib	16,661	56.2%
≥1 dose Hib	26,943	90.9%
≥3 doses Hep B	20,383	68.8%
≥1 dose Varicella	10,500	35.4%
≥3 doses PCV	18,756	63.3%
4:3:1	6,427	21.7%
4:3:1:3	6,383	21.5%
4:3:1:4	6,133	20.7%
4:3:1:3:3	6,294	21.2%
4:3:1:0:3	6,337	21.4%
4:3:1:4:3	6,057	20.4%
4:3:1:3:3:1	6,205	20.9%
4:3:1:0:3:1	6,241	21.1%
4:3:1:4:3:1	5,983	20.2%

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	37,501	
	Total	Percent
≥3 doses DTaP	25,896	69.1%
≥4 doses DTaP	12,456	33.2%
≥3 doses Polio	25,316	67.5%
≥1 dose MMR	17,406	46.4%
≥3 doses Hib	23,296	62.1%
≥1 dose Hib	34,254	91.3%
≥3 doses Hep B	27,159	72.4%
≥1 dose Varicella	16,790	44.8%
≥3 doses PCV	25,513	68.0%
≥4 doses PCV	14,321	38.2%
4:3:1	11,965	31.9%
4:3:1:3	11,886	31.7%
4:3:1:4	11,393	30.4%
4:3:1:3:3	11,748	31.3%
4:3:1:0:3	11,824	31.5%
4:3:1:4:3	11,277	30.1%
4:3:1:3:3:1	11,605	30.9%
4:3:1:0:3:1	11,673	31.1%
4:3:1:4:3:1	11,162	29.8%
4:3:1:3:3:1:4	11,128	29.7%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	135,978	
	Total	Percent
1 HPV	44,302	32.6%
2 HPV	27,158	20.0%
3 HPV	16,875	12.4%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	135,978	
	Total	Percent
≥1 dose Meningococcal	66,493	48.9%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	406,680	
	Total	Percent
≥1 dose Influenza	225,982	55.6%

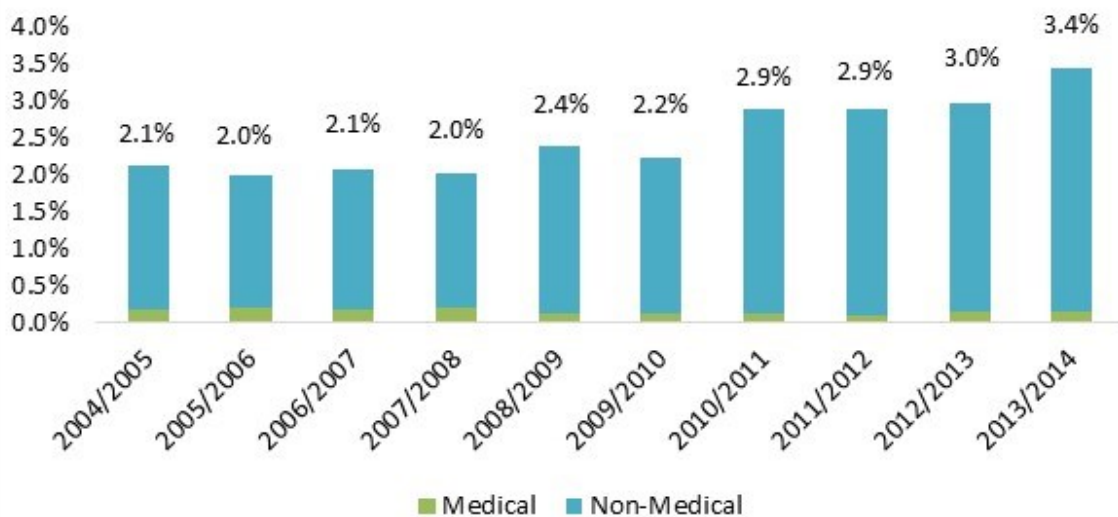
Adequately Immunized by School District 2013²

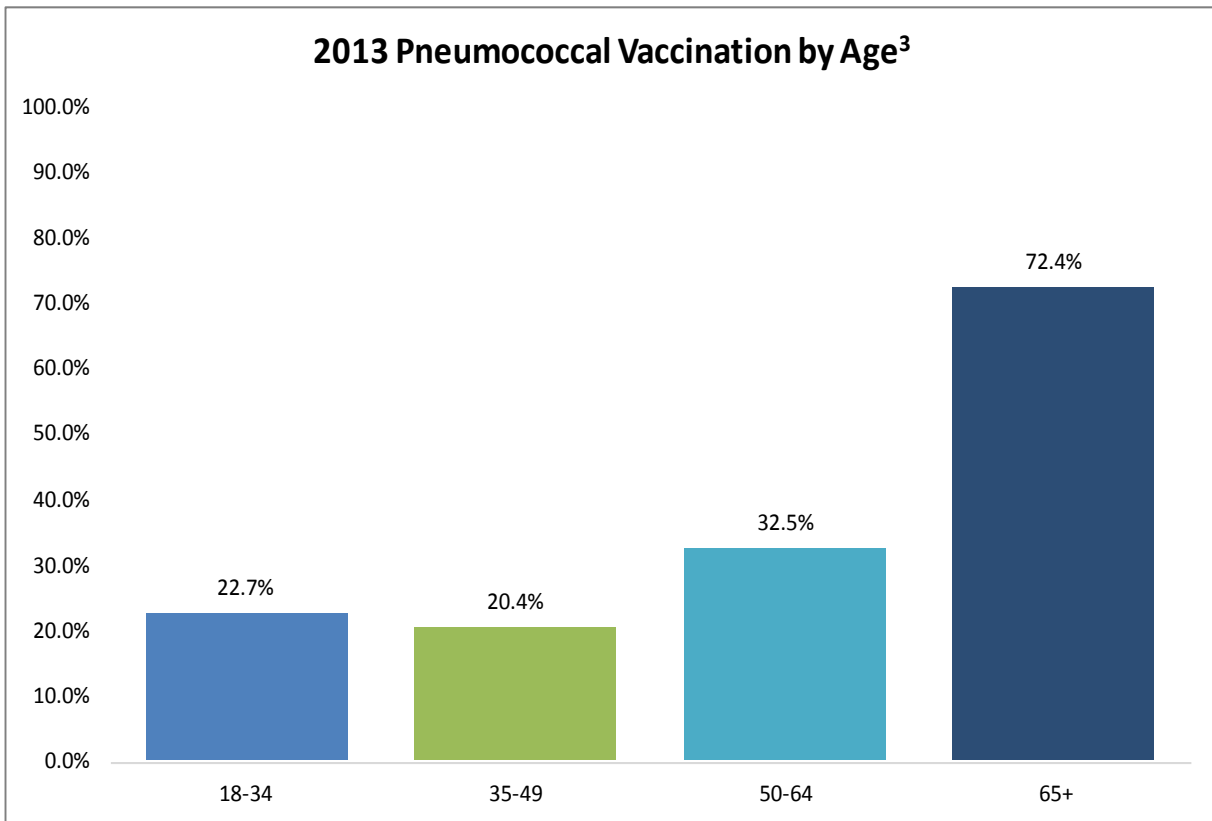
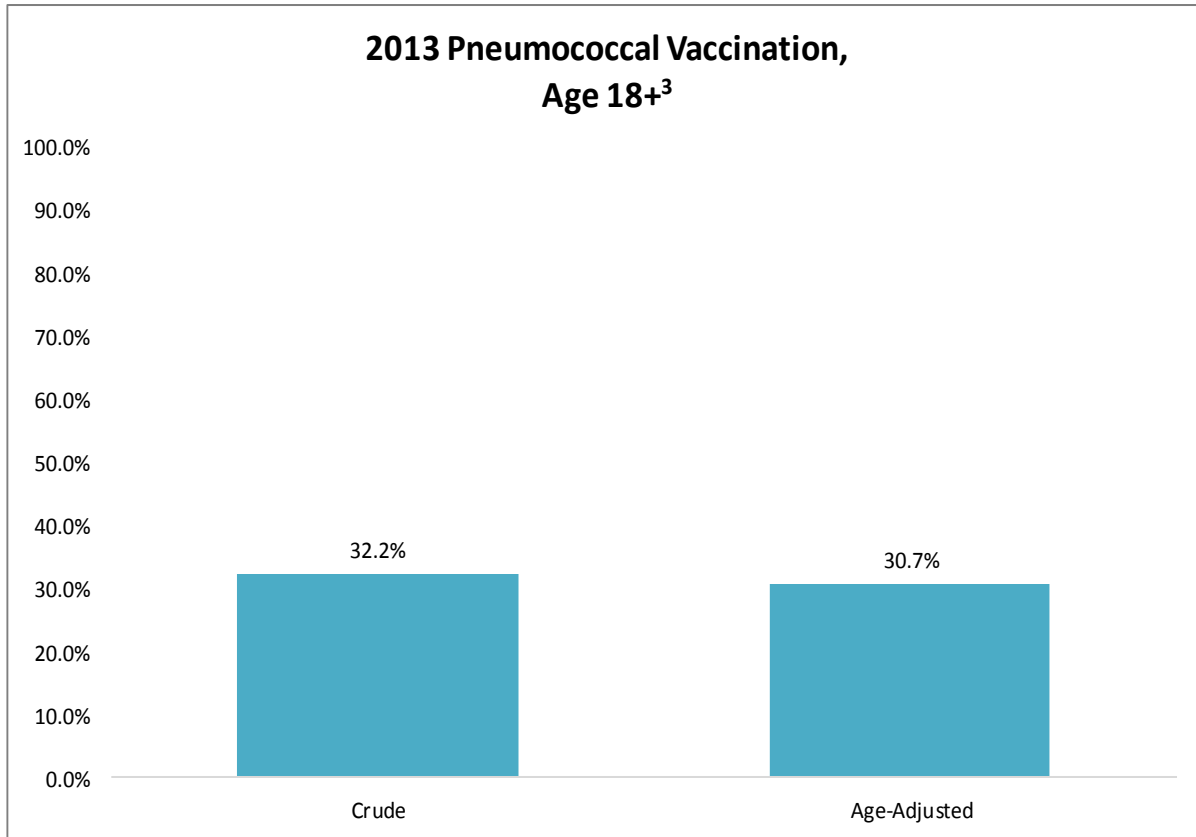
	Canyons		Granite		Jordan		Murray		Salt Lake	
	Adequate Immun	Total Exempt	Adequate Immun	Total Exempt	Adequate Immun	Total Exempt	Adequate Immun	Total Exempt	Adequate Immun	Total Exempt
Kindergarten School Entry	92.8%	4.4%	95.0%	2.4%	89.4%	3.4%	86.9%	1.1%	94.7%	2.7%
Second-Dose Measles (K-12)	96.9%	3.1%	98.0%	1.9%	96.3%	3.0%	97.0%	2.4%	98.2%	1.3%
7th Grade Entry	94.3%	4.2%	97.4%	2.0%	93.8%	3.9%	97.9%	1.9%	90.1%	1.2%

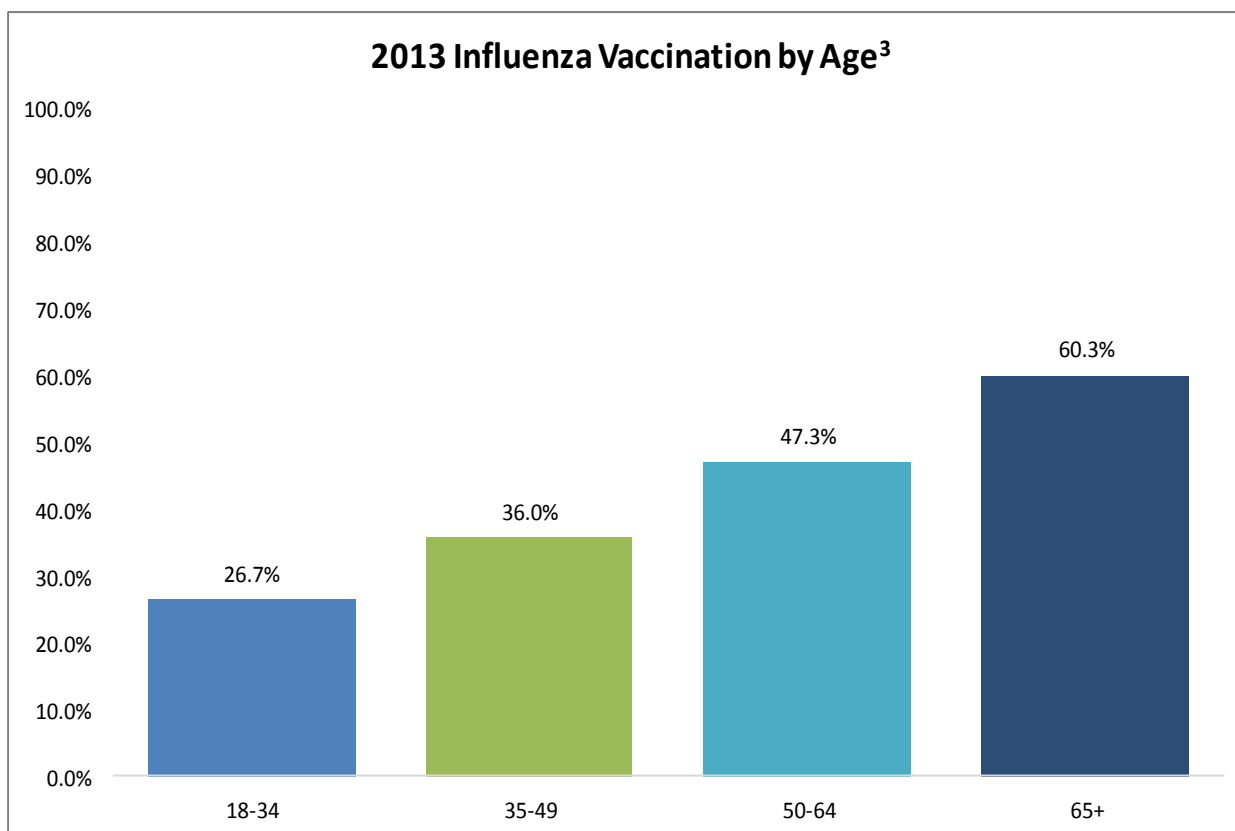
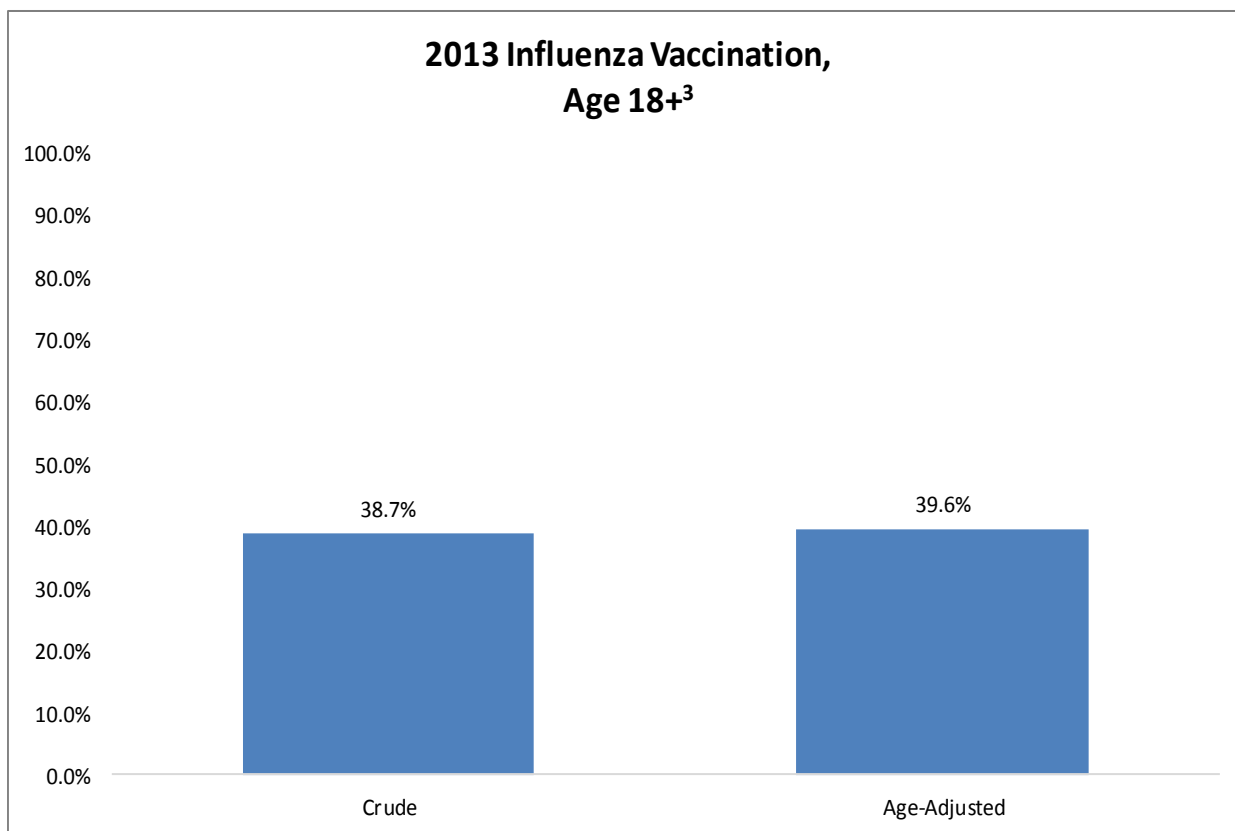
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	91.9%	2.0%
Head Start Centers	100%	0.0%

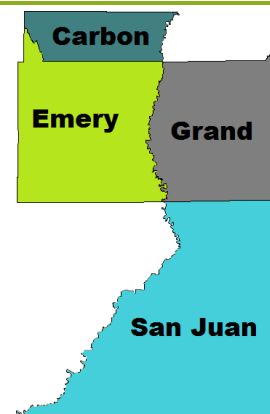
Kindergarten Exemptions by Type, 2004-2014²







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	823	
	Total	Percent
≥3 doses DTaP	505	61.4%
≥4 doses DTaP	339	41.2%
≥3 doses Polio	490	59.5%
≥1 dose MMR	472	57.4%
≥3 doses Hib	445	54.1%
≥1 dose Hib	623	75.7%
≥3 doses Hep B	501	60.9%
Hep B Birth dose	734	89.2%
≥1 dose Varicella	473	57.5%
≥3 doses PCV	465	56.5%
≥4 doses PCV	319	38.8%
≥2 doses Hep A	264	32.1%
≥1 dose Rotavirus	474	57.6%
4:3:1	329	40.0%
4:3:1:3	317	38.5%
4:3:1:4	281	34.1%
4:3:1:3:3	316	38.4%
4:3:1:0:3:1	323	39.2%
4:3:1:3:3:1	311	37.8%
4:3:1:4:3:1	278	33.8%
4:3:1:0:3:1:4	278	33.8%
4:3:1:3:3:1:4	274	33.3%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	233	
	Total	Percent
≥1 dose DTaP	117	50.2%
≥1 dose Polio	117	50.2%
≥1 dose Hib	118	50.6%
≥1 dose Hep B	232	99.6%
≥2 doses Hep B	109	46.8%
≥1 dose PCV	118	50.6%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	332	
	Total	Percent
≥2 doses DTaP	89	26.8%
≥2 doses Polio	89	26.8%
≥2 doses Hib	86	25.9%
≥2 doses Hep B	172	51.8%
≥2 doses PCV	88	26.5%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	826	
	Total	Percent
≥3 doses DTaP	243	29.4%
≥2 doses Polio	373	45.2%
≥1 dose MMR	106	12.8%
≥2 doses Hib	371	44.9%
≥3 doses Hib	189	22.9%
≥2 doses Hep B	508	61.5%
≥3 doses Hep B	312	37.8%
≥1 dose Varicella	103	12.5%
≥3 doses PCV	237	28.7%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	1,216	
	Total	Percent
≥3 doses DTaP	444	36.5%
≥4 doses DTaP	158	13.0%
≥3 doses Polio	429	35.3%
≥1 dose MMR	301	24.8%
≥3 doses Hib	366	30.1%
≥1 dose Hib	821	67.5%
≥3 doses Hep B	527	43.3%
≥1 dose Varicella	295	24.3%
≥3 doses PCV	432	35.5%
4:3:1	151	12.4%
4:3:1:3	147	12.1%
4:3:1:4	106	8.7%
4:3:1:3:3	146	12.0%
4:3:1:0:3	150	12.3%
4:3:1:4:3	105	8.6%
4:3:1:3:3:1	144	11.8%
4:3:1:0:3:1	148	12.2%
4:3:1:4:3:1	105	8.6%

<24 Months of Age⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	1,551	
	Total	Percent
≥3 doses DTaP	635	40.9%
≥4 doses DTaP	285	18.4%
≥3 doses Polio	612	39.5%
≥1 dose MMR	482	31.1%
≥3 doses Hib	528	34.0%
≥1 dose Hib	1,058	68.2%
≥3 doses Hep B	726	46.8%
≥1 dose Varicella	473	30.5%
≥3 doses PCV	610	39.3%
≥4 doses PCV	260	16.8%
4:3:1	274	17.7%
4:3:1:3	261	16.8%
4:3:1:4	197	12.7%
4:3:1:3:3	259	16.7%
4:3:1:0:3	272	17.5%
4:3:1:4:3	195	12.6%
4:3:1:3:3:1	253	16.3%
4:3:1:0:3:1	266	17.2%
4:3:1:4:3:1	193	12.4%
4:3:1:3:3:1:4	186	12.0%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	6,405	
	Total	Percent
1 HPV	1,331	20.8%
2 HPV	720	11.2%
3 HPV	396	6.2%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	6,405	
	Total	Percent
≥1 dose Meningococcal	1,511	23.6%

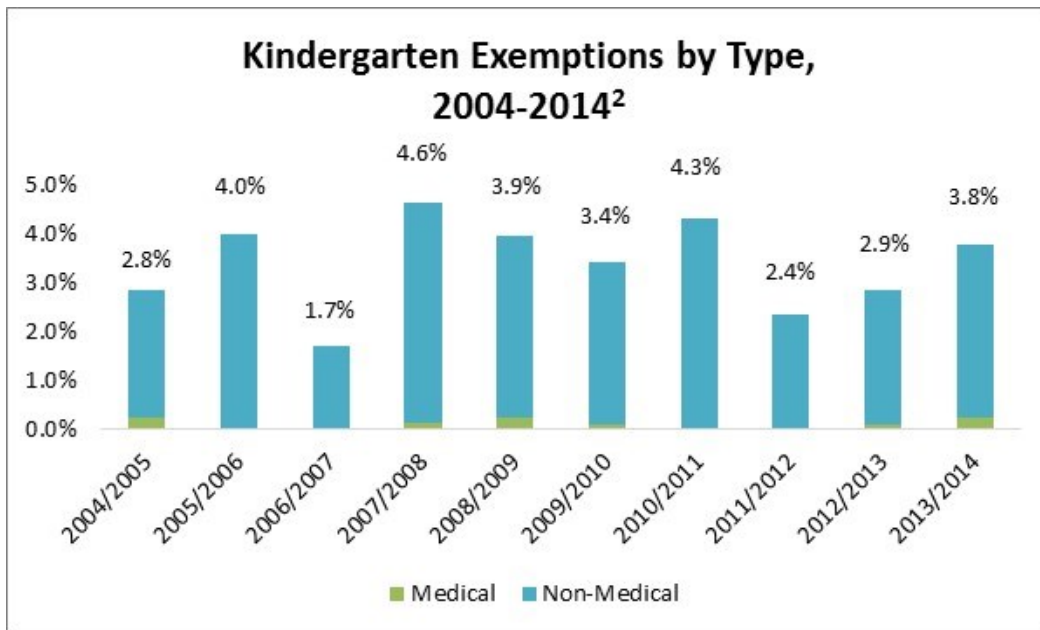
<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	18,486	
	Total	Percent
≥1 dose Influenza	6,570	35.5%

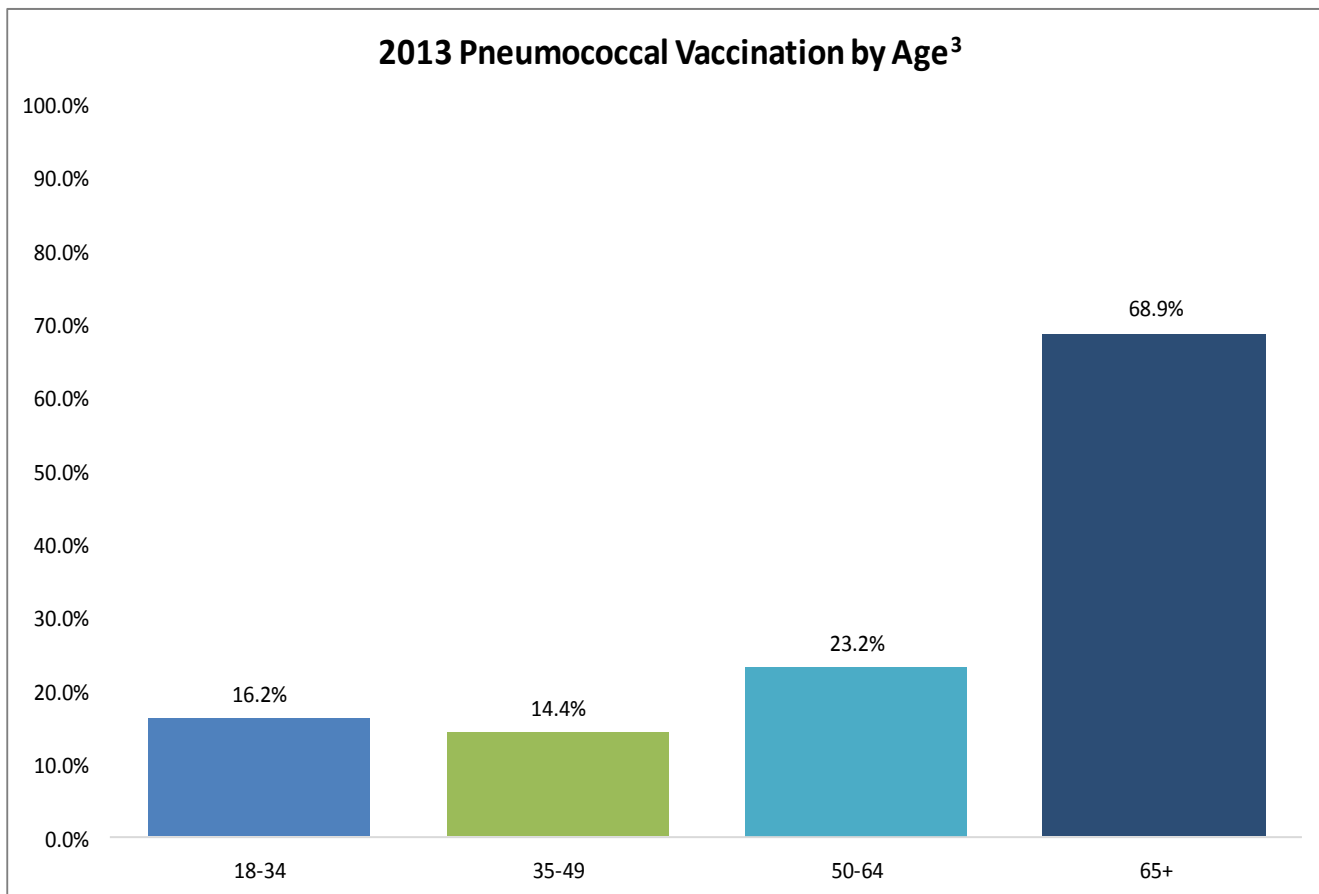
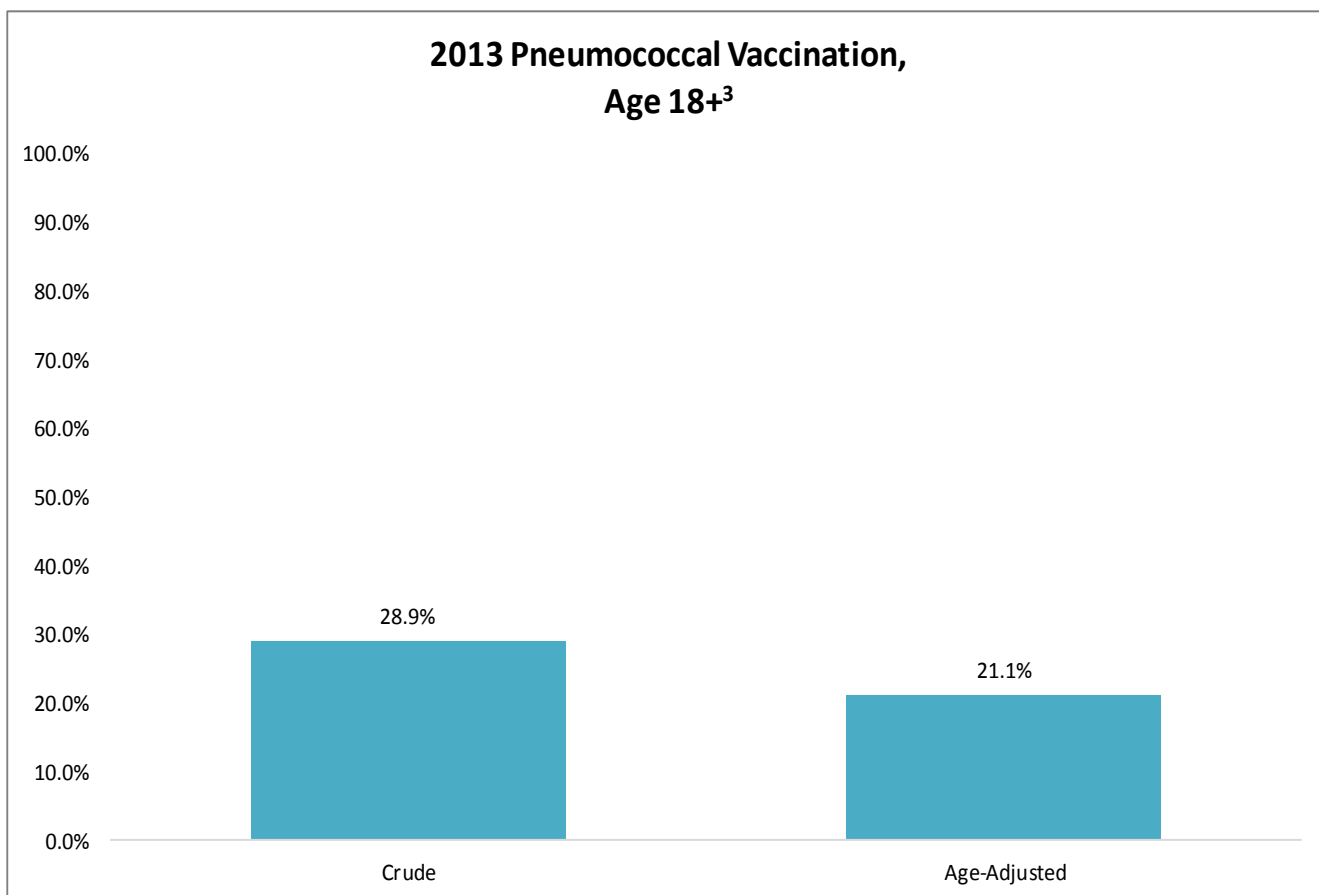
Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

Adequately Immunized by School District 2013²

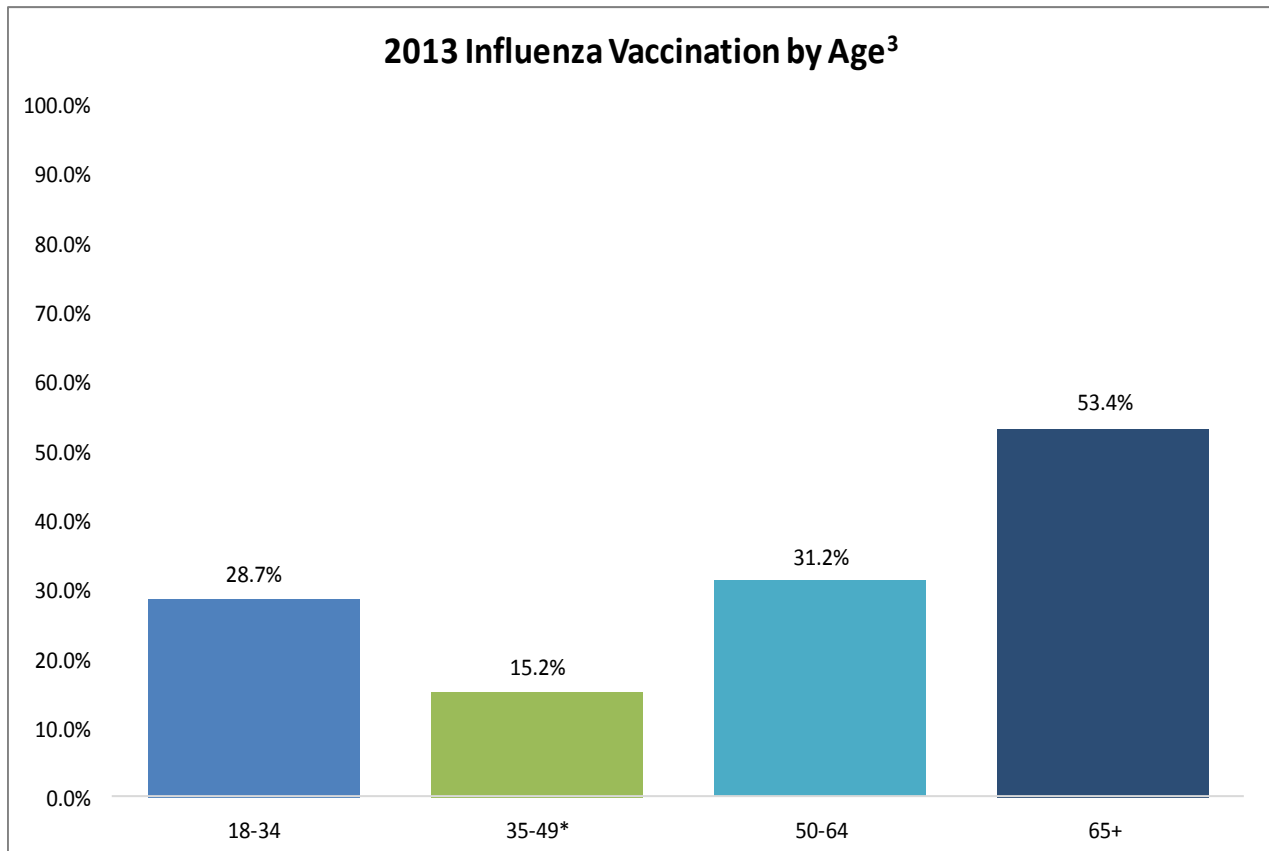
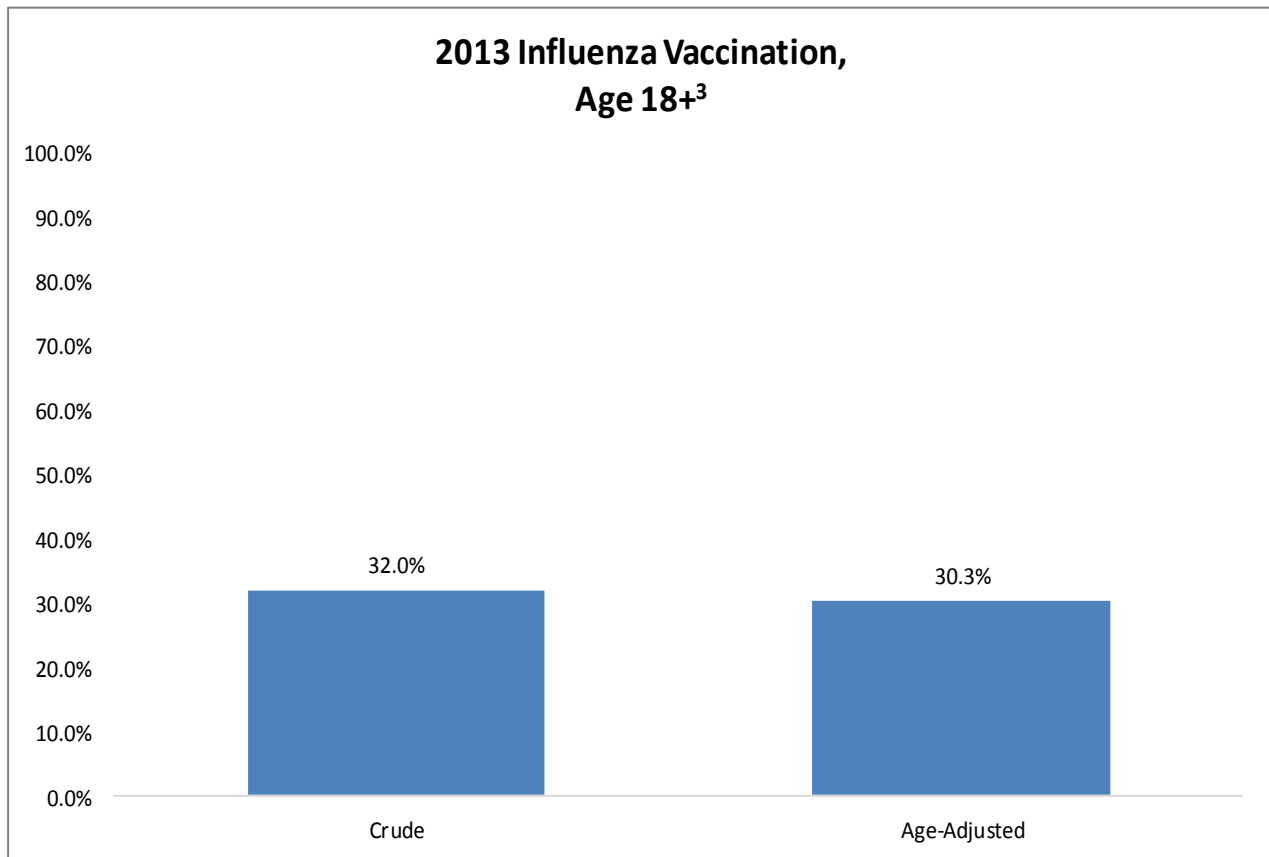
	Carbon		Emery		Grand		San Juan	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	79.3%	2.4%	75.1%	3.7%	94.2%	5.8%	84.5%	2.0%
Second-Dose Measles (K-12)	95.6%	1.7%	95.5%	3.3%	96.8%	3.2%	96.5%	2.9%
7th Grade Entry	73.3%	2.0%	87.8%	4.1%	89.9%	1.6%	86.2%	3.0%

Immunized for Child Care 2013 ²		
	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	82.8%	3.2%
Head Start Centers	73.5%	1.7%





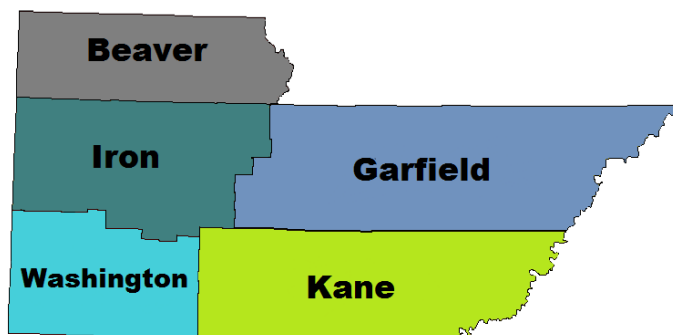
Source: BRFSS, Utah, 2013. Crude and Age-adjusted Rates.



Source: BRFSS, Utah, 2013. Crude and Age-adjusted Rates. *Use caution in interpreting. The estimate has a coefficient of variation >30% and is therefore deemed unreliable by Utah Department of Health standards.

Southwest Service Area (Beaver, Iron, Washington, Garfield, Kane) 2014

Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	3,000	
	Total	Percent
≥3 doses DTaP	2,671	89.0%
≥4 doses DTaP	2,021	67.4%
≥3 doses Polio	2,583	86.1%
≥1 dose MMR	2,453	81.8%
≥3 doses Hib	2,430	81.0%
≥1 dose Hib	2,921	97.4%
≥3 doses Hep B	2,597	86.6%
Hep B Birth dose	2,362	78.7%
≥1 dose Varicella	2,439	81.3%
≥3 doses PCV	2,468	82.3%
≥4 doses PCV	1,994	66.5%
≥2 doses Hep A	1,687	56.2%
≥1 dose Rotavirus	2,509	83.6%
4:3:1	1,947	64.9%
4:3:1:3	1,931	64.4%
4:3:1:4	1,795	59.8%
4:3:1:3:3	1,862	62.1%
4:3:1:0:3:1	1,853	61.8%
4:3:1:3:3:1	1,838	61.3%
4:3:1:4:3:1	1,721	57.4%
4:3:1:0:3:1:4	1,721	57.4%
4:3:1:3:3:1:4	1,716	57.2%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	1,035	
	Total	Percent
≥1 dose DTaP	869	84.0%
≥1 dose Polio	857	82.8%
≥1 dose Hib	855	82.6%
≥1 dose Hep B	1,024	98.9%
≥2 doses Hep B	767	74.1%
≥1 dose PCV	851	82.2%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	1,475	
	Total	Percent
≥2 doses DTaP	672	45.6%
≥2 doses Polio	668	45.3%
≥2 doses Hib	661	44.8%
≥2 doses Hep B	1,154	78.2%
≥2 doses PCV	659	44.7%

<13 Months of Age ⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	3,472	
	Total	Percent
≥3 doses DTaP	1,783	51.4%
≥2 doses Polio	2,401	69.2%
≥1 dose MMR	517	14.9%
≥2 doses Hib	2,369	68.2%
≥3 doses Hib	983	28.3%
≥2 doses Hep B	2,992	86.2%
≥3 doses Hep B	2,188	63.0%
≥1 dose Varicella	533	15.4%
≥3 doses PCV	1,755	50.5%

<19 Months of Age ⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	4,845	
	Total	Percent
≥3 doses DTaP	2,890	59.6%
≥4 doses DTaP	754	15.6%
≥3 doses Polio	2,848	58.8%
≥1 dose MMR	1,471	30.4%
≥3 doses Hib	1,998	41.2%
≥1 dose Hib	4,444	91.7%
≥3 doses Hep B	3,349	69.1%
≥1 dose Varicella	1,472	30.4%
≥3 doses PCV	2,874	59.3%
4:3:1	698	14.4%
4:3:1:3	677	14.0%
4:3:1:4	643	13.3%
4:3:1:3:3	671	13.8%
4:3:1:0:3	692	14.3%
4:3:1:4:3	637	13.1%
4:3:1:3:3:1	665	13.7%
4:3:1:0:3:1	685	14.1%
4:3:1:4:3:1	632	13.0%

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	6,206	
	Total	Percent
≥3 doses DTaP	4,034	65.0%
≥4 doses DTaP	1,613	26.0%
≥3 doses Polio	3,948	63.6%
≥1 dose MMR	2,556	41.2%
≥3 doses Hib	3,092	49.8%
≥1 dose Hib	5,741	92.5%
≥3 doses Hep B	4,519	72.8%
≥1 dose Varicella	2,549	41.1%
≥3 doses PCV	4,019	64.8%
≥4 doses PCV	2,141	34.5%
4:3:1	1,526	24.6%
4:3:1:3	1,497	24.1%
4:3:1:4	1,411	22.7%
4:3:1:3:3	1,483	23.9%
4:3:1:0:3	1,512	24.4%
4:3:1:4:3	1,397	22.5%
4:3:1:3:3:1	1,467	23.6%
4:3:1:0:3:1	1,495	24.1%
4:3:1:4:3:1	1,382	22.3%
4:3:1:3:3:1:4	1,372	22.1%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	24,039	
	Total	Percent
1 HPV	4,394	18.3%
2 HPV	2,522	10.5%
3 HPV	1,488	6.2%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	24,039	
	Total	Percent
≥1 dose Meningococcal	8,589	35.7%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	72,482	
	Total	Percent
≥1 dose Influenza	28,203	38.9%

Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

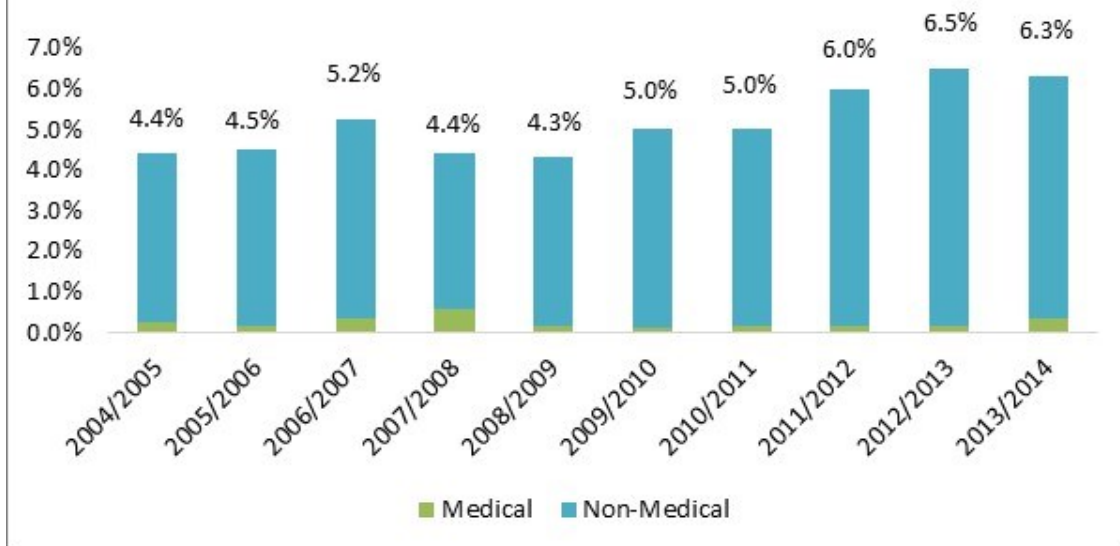
Adequately Immunized by School District 2013²

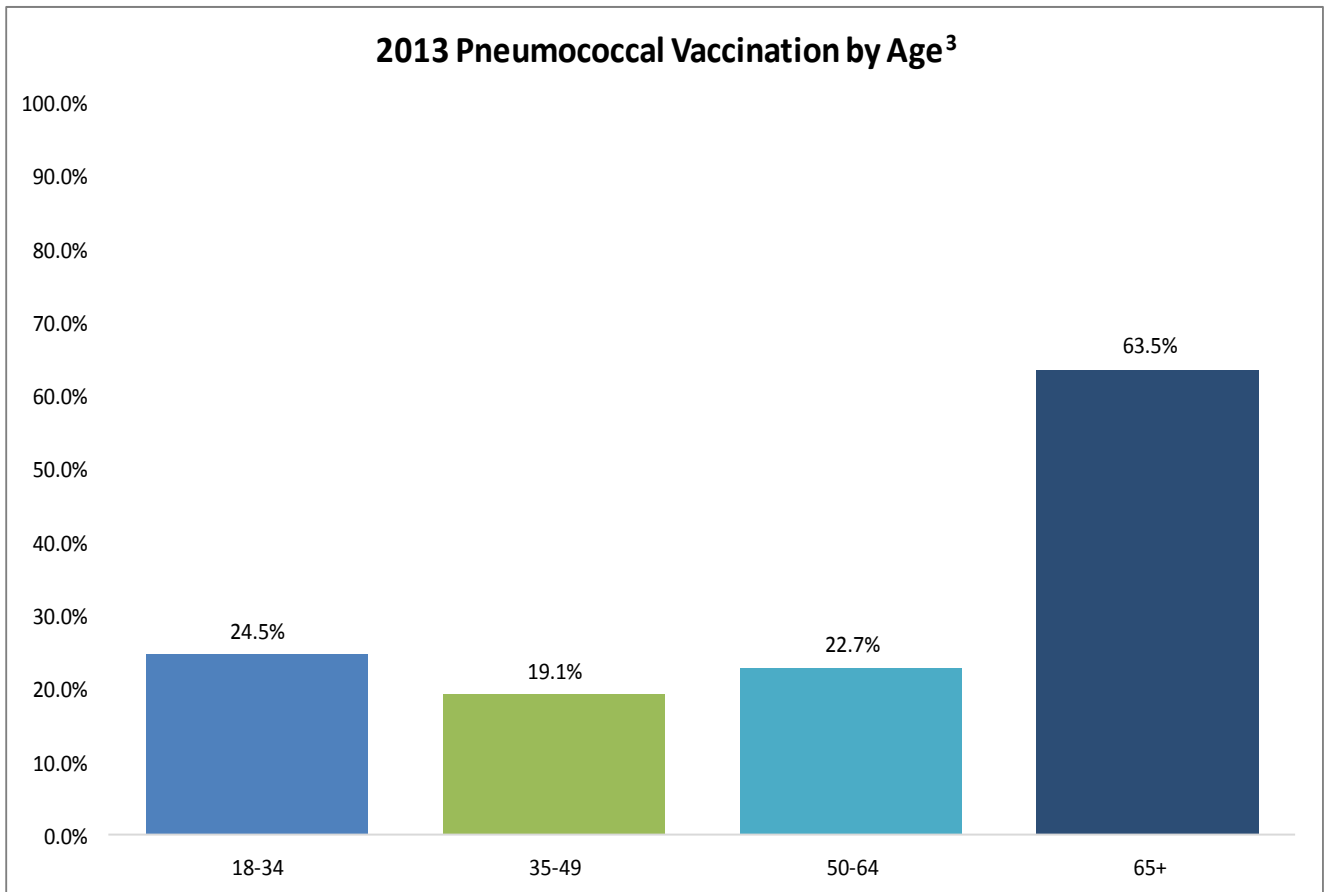
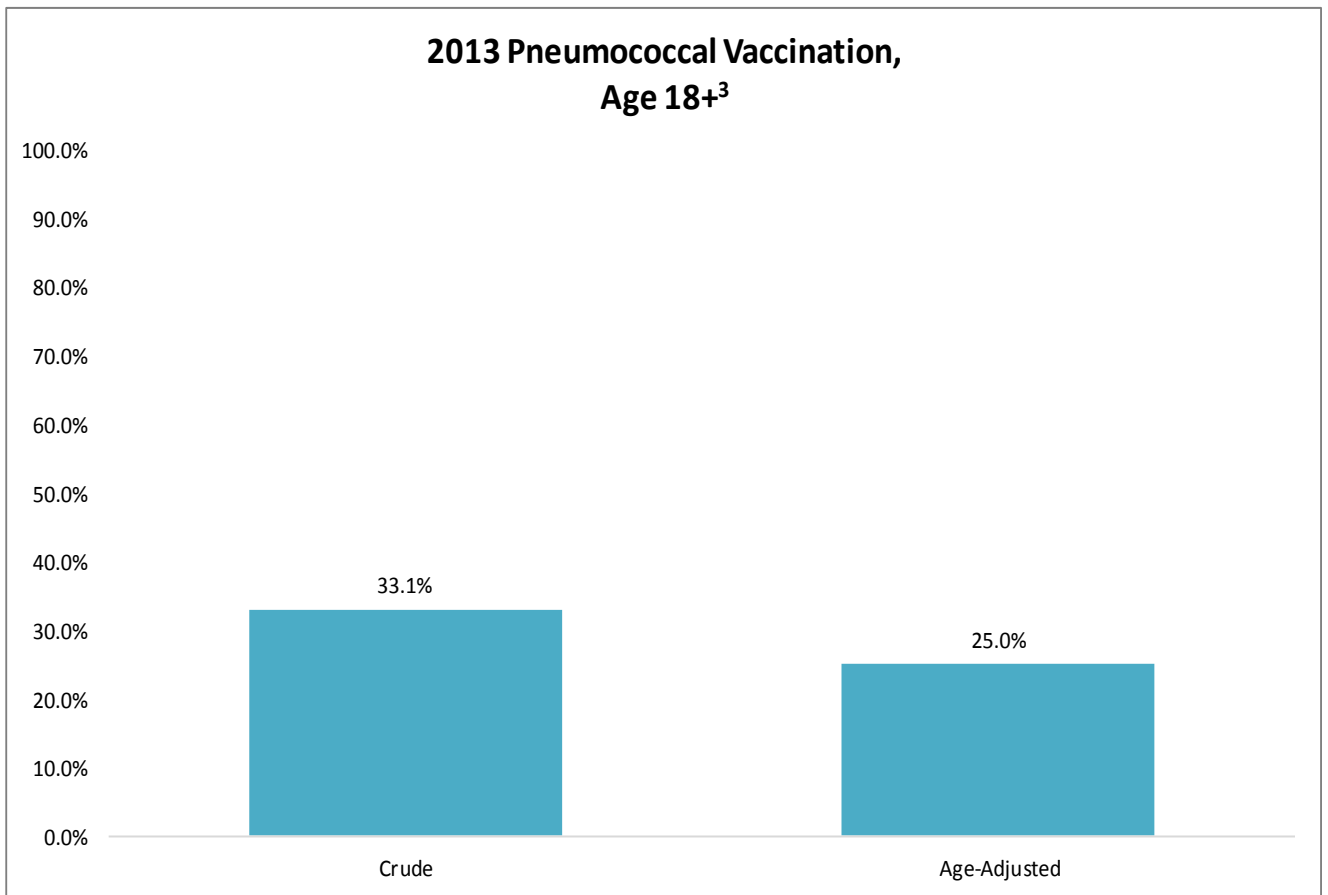
	Beaver		Garfield		Iron		Kane		Washington	
	Adequate Immune	Total Exempt	Adequate Immune	Total Exempt	Adequate Immune	Total Exempt	Adequate Immune	Total Exempt	Adequate Immune	Total Exempt
Kindergarten School Entry	92.3%	4.6%	92.8%	4.4%	91.3%	5.6%	88.1%	4.8%	92.1%	6.4%
Second-Dose Measles (K-12)	97.5%	2.1%	97.1%	2.6%	95.2%	4.7%	94.3%	5.3%	94.2%	5.8%
7th Grade Entry	94.4%	2.8%	95.2%	4.8%	94.9%	4.8%	93.6%	6.4%	93.2%	6.7%

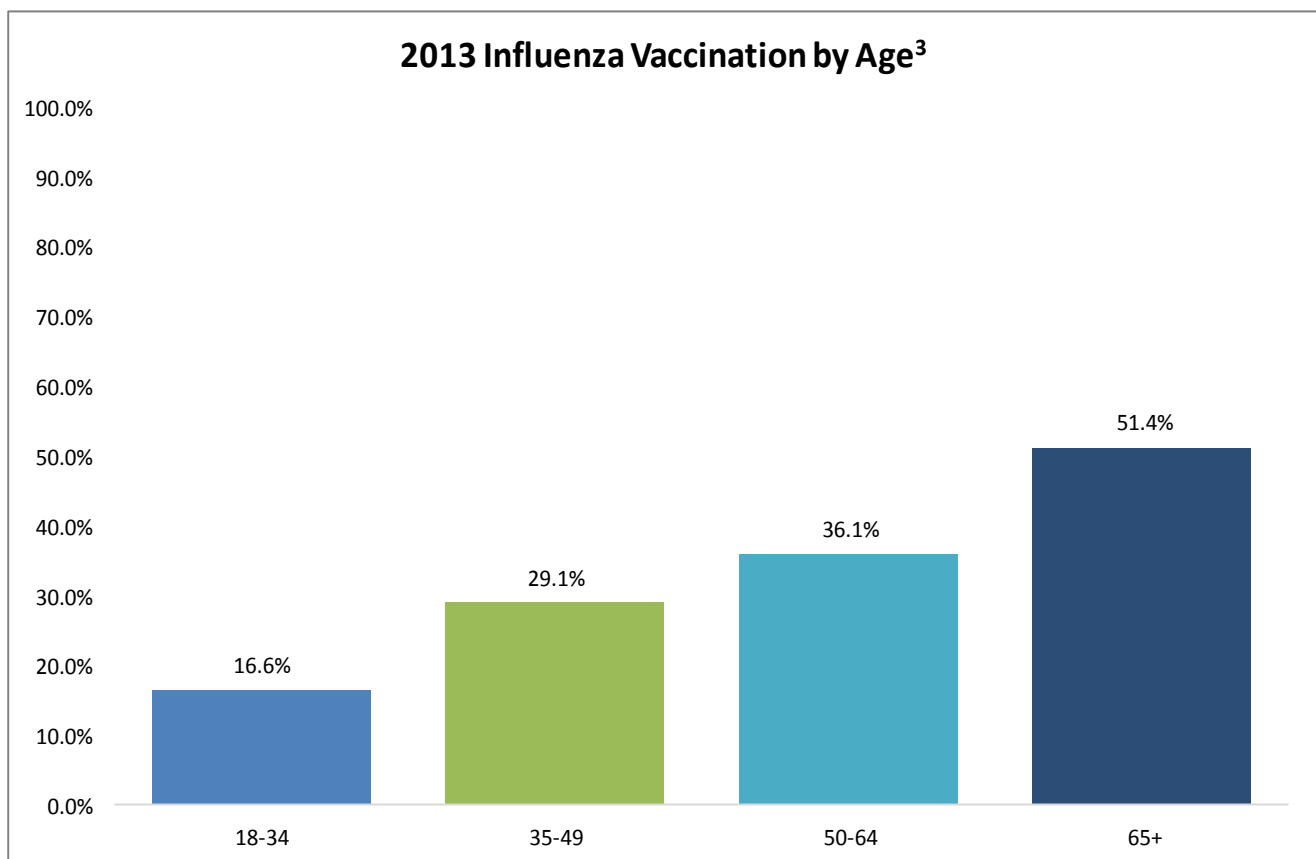
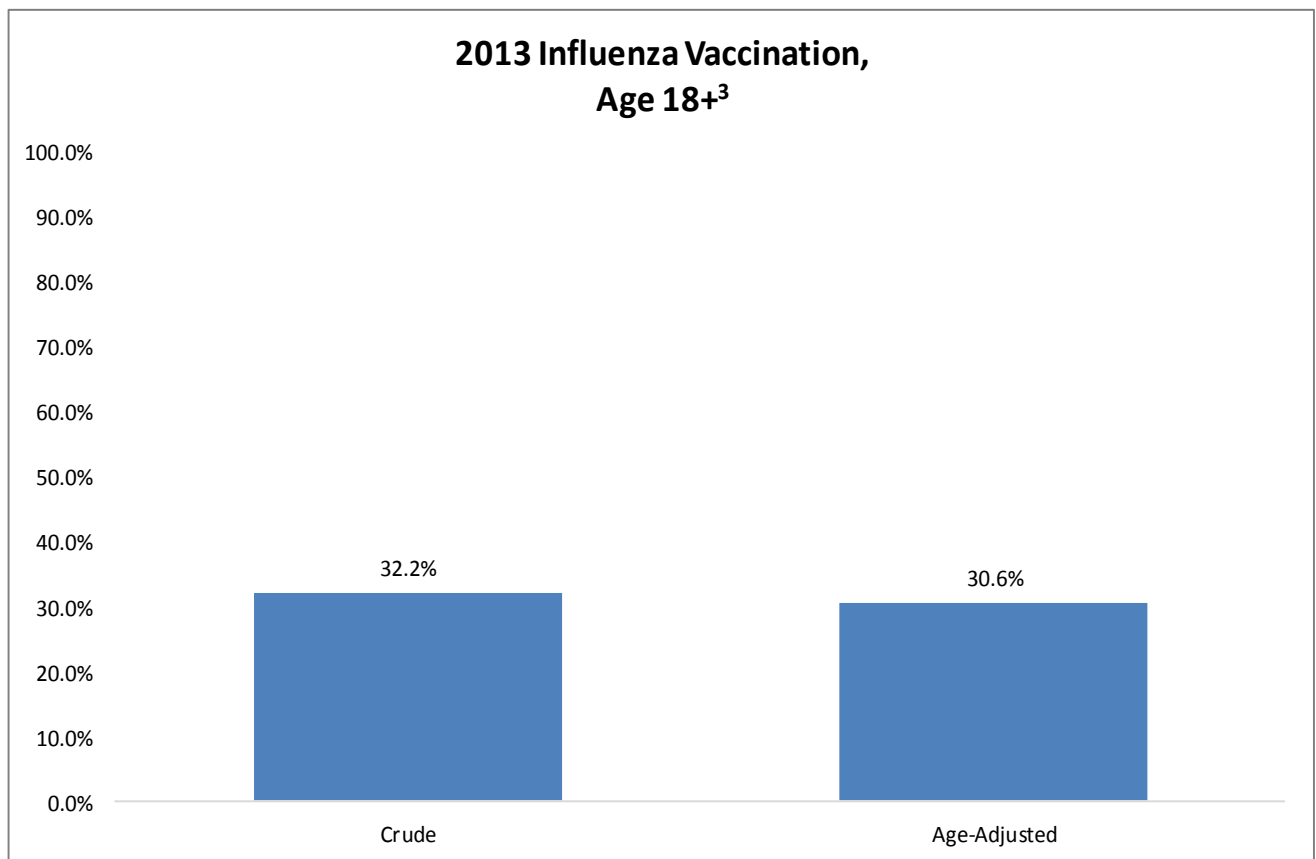
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	91.3%	2.2%
Head Start Centers	92.8%	4.0%

Kindergarten Exemptions by Type, 2004-2014²







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	489	
	Total	Percent
≥3 doses DTaP	424	86.7%
≥4 doses DTaP	346	70.8%
≥3 doses Polio	395	80.8%
≥1 dose MMR	393	80.4%
≥3 doses Hib	397	81.2%
≥1 dose Hib	464	94.9%
≥3 doses Hep B	375	76.7%
Hep B Birth dose	242	49.5%
≥1 dose Varicella	376	76.9%
≥3 doses PCV	408	83.4%
≥4 doses PCV	359	73.4%
≥2 doses Hep A	280	57.3%
≥1 dose Rotavirus	398	81.4%
4:3:1	324	66.3%
4:3:1:3	315	64.4%
4:3:1:4	311	63.6%
4:3:1:3:3	295	60.3%
4:3:1:0:3:1	298	60.9%
4:3:1:3:3:1	290	59.3%
4:3:1:4:3:1	287	58.7%
4:3:1:0:3:1:4	287	58.7%
4:3:1:3:3:1:4	280	57.3%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	143	
	Total	Percent
≥1 dose DTaP	117	81.8%
≥1 dose Polio	108	75.5%
≥1 dose Hib	114	79.7%
≥1 dose Hep B	137	95.8%
≥2 doses Hep B	91	63.6%
≥1 dose PCV	117	81.8%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	190	
	Total	Percent
≥2 doses DTaP	91	47.9%
≥2 doses Polio	87	45.8%
≥2 doses Hib	88	46.3%
≥2 doses Hep B	130	68.4%
≥2 doses PCV	87	45.8%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	512	
	Total	Percent
≥3 doses DTaP	254	49.6%
≥2 doses Polio	335	65.4%
≥1 dose MMR	95	18.6%
≥2 doses Hib	341	66.6%
≥3 doses Hib	254	49.6%
≥2 doses Hep B	374	73.0%
≥3 doses Hep B	243	47.5%
≥1 dose Varicella	34	6.6%
≥3 doses PCV	274	53.5%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	745	
	Total	Percent
≥3 doses DTaP	442	59.3%
≥4 doses DTaP	145	19.5%
≥3 doses Polio	429	57.6%
≥1 dose MMR	270	36.2%
≥3 doses Hib	439	58.9%
≥1 dose Hib	651	87.4%
≥3 doses Hep B	416	55.8%
≥1 dose Varicella	187	25.1%
≥3 doses PCV	471	63.2%
4:3:1	131	17.6%
4:3:1:3	129	17.3%
4:3:1:4	126	16.9%
4:3:1:3:3	120	16.1%
4:3:1:0:3	122	16.4%
4:3:1:4:3	118	15.8%
4:3:1:3:3:1	114	15.3%
4:3:1:0:3:1	116	15.6%
4:3:1:4:3:1	113	15.2%

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	937	
	Total	Percent
≥3 doses DTaP	599	63.9%
≥4 doses DTaP	260	27.7%
≥3 doses Polio	563	60.1%
≥1 dose MMR	419	44.7%
≥3 doses Hib	592	63.2%
≥1 dose Hib	823	87.8%
≥3 doses Hep B	564	60.2%
≥1 dose Varicella	330	35.2%
≥3 doses PCV	633	67.6%
≥4 doses PCV	382	40.8%
4:3:1	235	25.1%
4:3:1:3	229	24.4%
4:3:1:4	225	24.0%
4:3:1:3:3	212	22.6%
4:3:1:0:3	218	23.3%
4:3:1:4:3	210	22.4%
4:3:1:3:3:1	205	21.9%
4:3:1:0:3:1	211	22.5%
4:3:1:4:3:1	204	21.8%
4:3:1:3:3:1:4	198	21.1%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	4,921	
	Total	Percent
1 HPV	1,163	23.6%
2 HPV	753	15.3%
3 HPV	471	9.6%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	4,921	
	Total	Percent
≥1 dose Meningococcal	2,059	41.8%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	13,734	
	Total	Percent
≥1 dose Influenza	7,474	54.4%

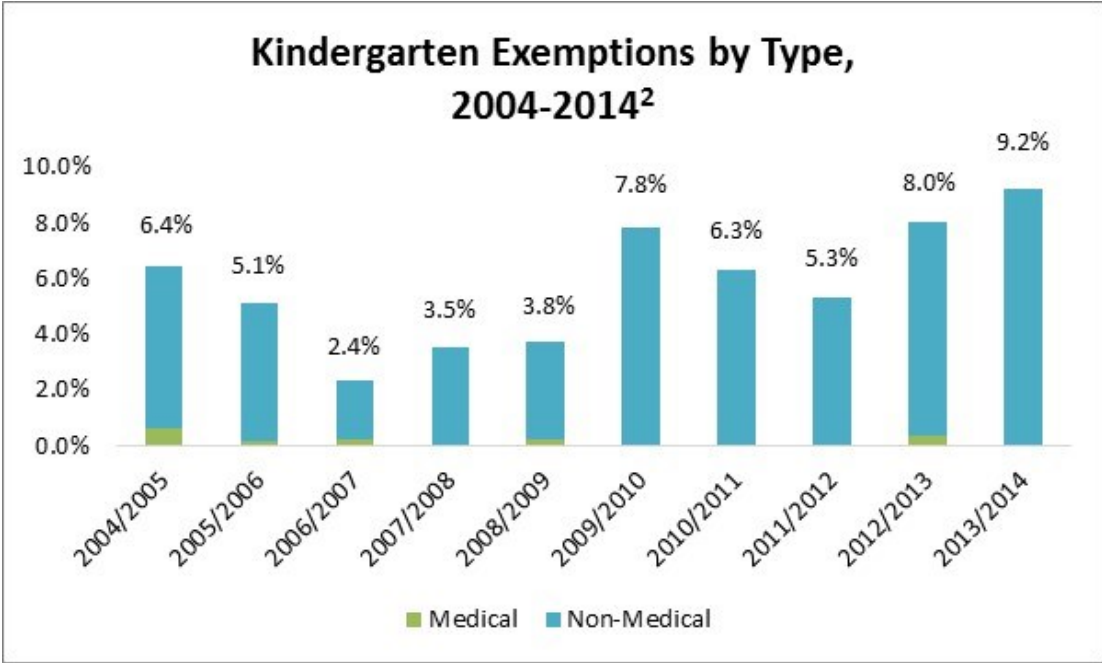
Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

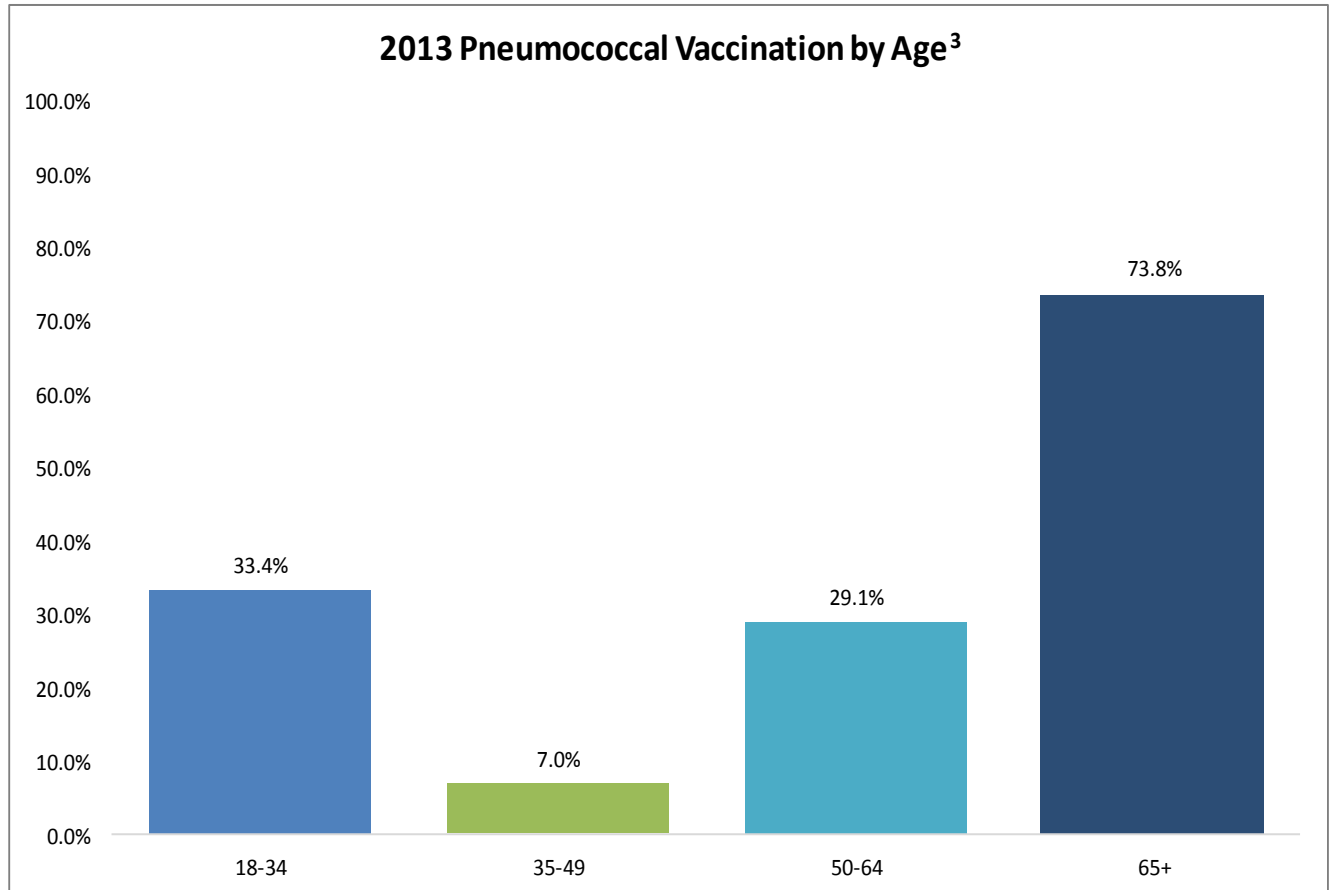
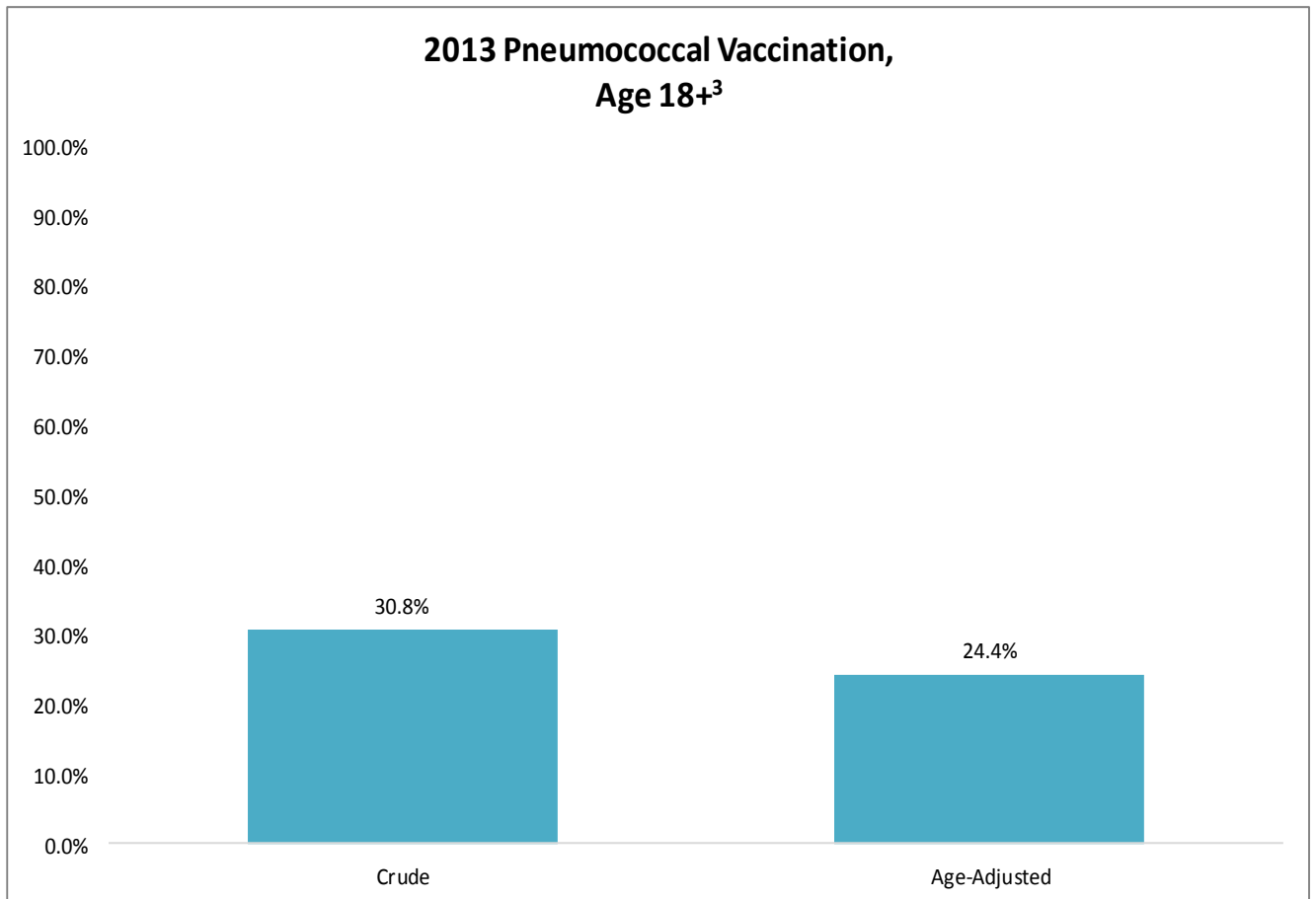
Adequately Immunized by School District 2013²

	North Summit		Park City		South Summit	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	90.1%	2.6%	87.5%	7.5%	92.1%	5.5%
Second-Dose Measles (K-12)	97.3%	2.6%	95.6%	4.2%	96.3%	3.5%
7th Grade Entry	97.6%	2.4%	90.6%	5.8%	91.8%	3.1%

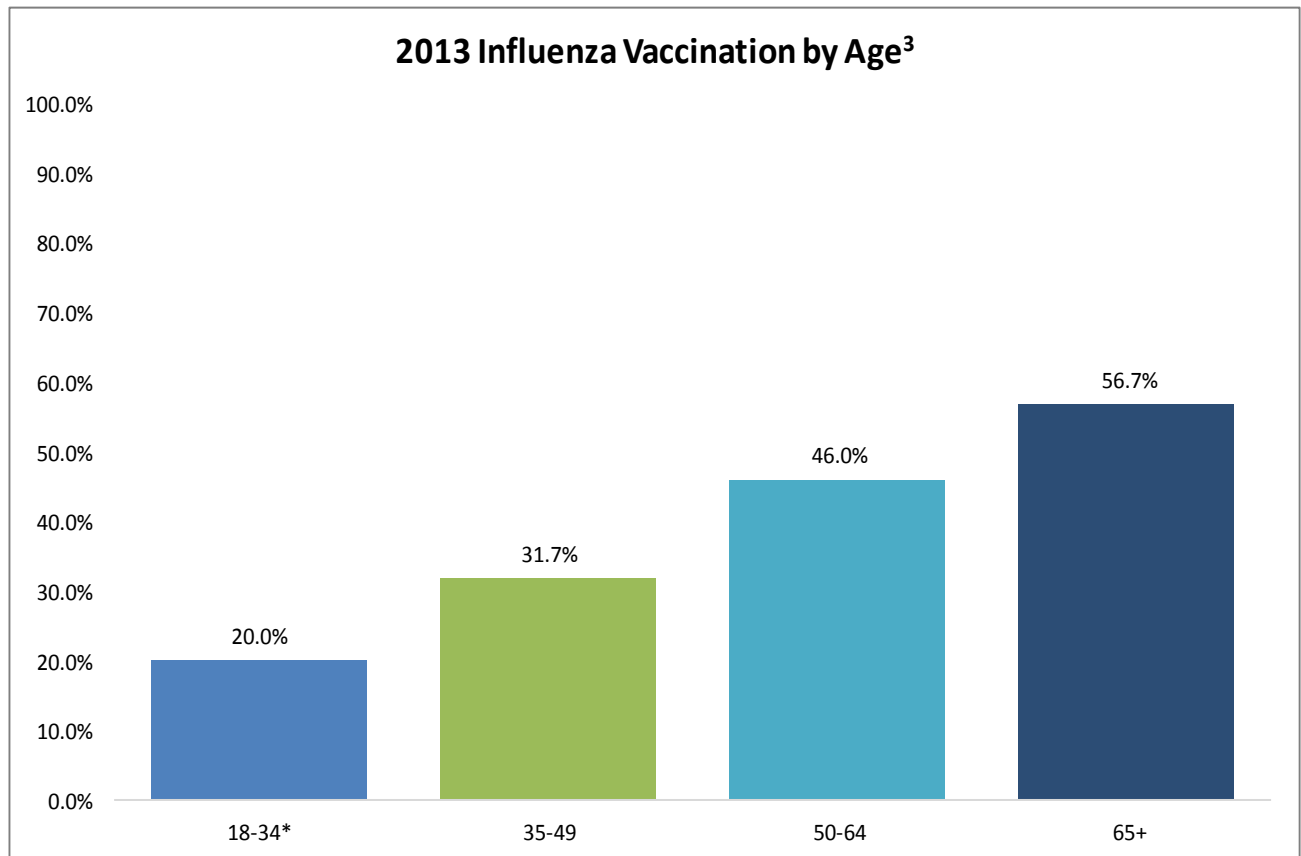
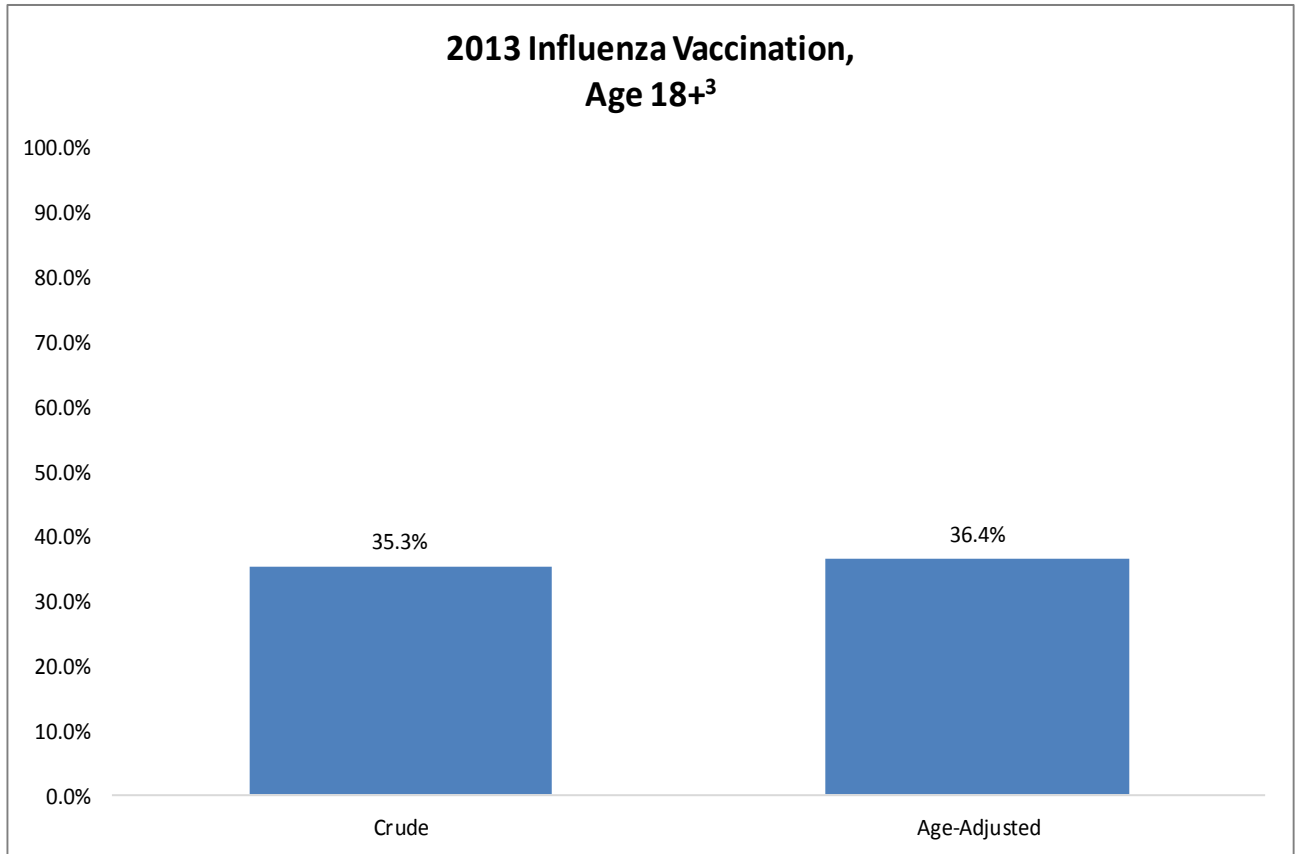
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	83.8%	5.7%
Head Start Centers	Reported in Davis HS	Reported in Davis HS



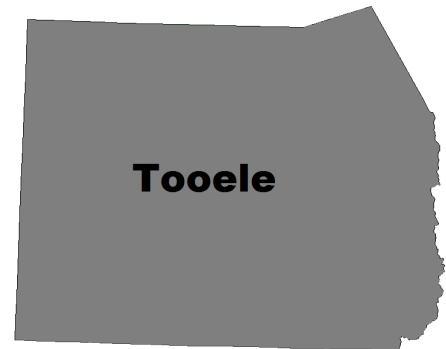


Source: BRFSS, Utah, 2013. Crude and Age-adjusted Rates.



Source: BRFSS, Utah, 2013. Crude and Age-adjusted Rates. *Use caution in interpreting. The estimate has a coefficient of variation >30% and is therefore deemed unreliable by Utah Department of Health standards.

Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	1,045	
	Total	Percent
≥3 doses DTaP	963	92.2%
≥4 doses DTaP	770	73.7%
≥3 doses Polio	945	90.4%
≥1 dose MMR	894	85.6%
≥3 doses Hib	911	87.2%
≥1 dose Hib	1,045	100.0%
≥3 doses Hep B	873	83.5%
Hep B Birth dose	897	85.8%
≥1 dose Varicella	889	85.1%
≥3 doses PCV	885	84.7%
≥4 doses PCV	729	69.8%
≥2 doses Hep A	646	61.8%
≥1 dose Rotavirus	890	85.2%
4:3:1	743	71.1%
4:3:1:3	738	70.6%
4:3:1:4	693	66.3%
4:3:1:3:3	706	67.6%
4:3:1:0:3:1	699	66.9%
4:3:1:3:3:1	695	66.5%
4:3:1:4:3:1	661	63.3%
4:3:1:0:3:1:4	661	63.3%
4:3:1:3:3:1:4	660	63.2%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	330	
	Total	Percent
≥1 dose DTaP	275	83.3%
≥1 dose Polio	270	81.8%
≥1 dose Hib	273	82.7%
≥1 dose Hep B	327	99.1%
≥2 doses Hep B	253	76.7%
≥1 dose PCV	270	81.8%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	487	
	Total	Percent
≥2 doses DTaP	240	49.3%
≥2 doses Polio	237	48.7%
≥2 doses Hib	234	48.0%
≥2 doses Hep B	392	80.5%
≥2 doses PCV	236	48.5%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	1,200	
	Total	Percent
≥3 doses DTaP	662	55.2%
≥2 doses Polio	870	72.5%
≥1 dose MMR	244	20.3%
≥2 doses Hib	862	71.8%
≥3 doses Hib	627	52.3%
≥2 doses Hep B	1,045	87.1%
≥3 doses Hep B	644	53.7%
≥1 dose Varicella	244	20.3%
≥3 doses PCV	649	54.1%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	1,717	
	Total	Percent
≥3 doses DTaP	1,095	63.8%
≥4 doses DTaP	339	19.7%
≥3 doses Polio	1,067	62.1%
≥1 dose MMR	651	37.9%
≥3 doses Hib	1,048	61.0%
≥1 dose Hib	1,571	91.5%
≥3 doses Hep B	1,077	62.7%
≥1 dose Varicella	649	37.8%
≥3 doses PCV	1,078	62.8%
4:3:1	321	18.7%
4:3:1:3	320	18.6%
4:3:1:4	307	17.9%
4:3:1:3:3	312	18.2%
4:3:1:0:3	313	18.2%
4:3:1:4:3	299	17.4%
4:3:1:3:3:1	310	18.1%
4:3:1:0:3:1	311	18.1%
4:3:1:4:3:1	297	17.3%

<24 Months of Age⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	2,196	
	Total	Percent
≥3 doses DTaP	1,515	69.0%
≥4 doses DTaP	681	31.0%
≥3 doses Polio	1,482	67.5%
≥1 dose MMR	1,055	48.0%
≥3 doses Hib	1,458	66.4%
≥1 dose Hib	2,031	92.5%
≥3 doses Hep B	1,488	67.8%
≥1 dose Varicella	1,045	47.6%
≥3 doses PCV	1,492	67.9%
≥4 doses PCV	769	35.0%
4:3:1	654	29.8%
4:3:1:3	651	29.6%
4:3:1:4	625	28.5%
4:3:1:3:3	633	28.8%
4:3:1:0:3	636	29.0%
4:3:1:4:3	607	27.6%
4:3:1:3:3:1	626	28.5%
4:3:1:0:3:1	629	28.6%
4:3:1:4:3:1	602	27.4%
4:3:1:3:3:1:4	600	27.3%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	8,921	
	Total	Percent
1 HPV	2,666	29.9%
2 HPV	1,363	15.3%
3 HPV	754	8.5%

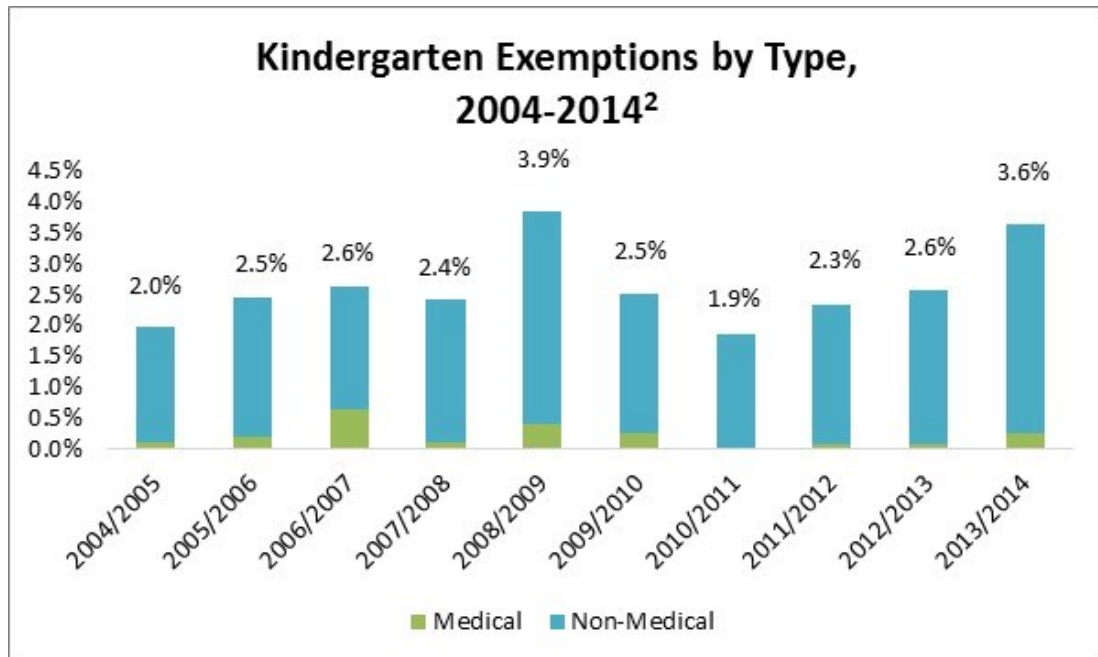
12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	8,921	
	Total	Percent
≥1 dose Meningococcal	3,632	40.7%

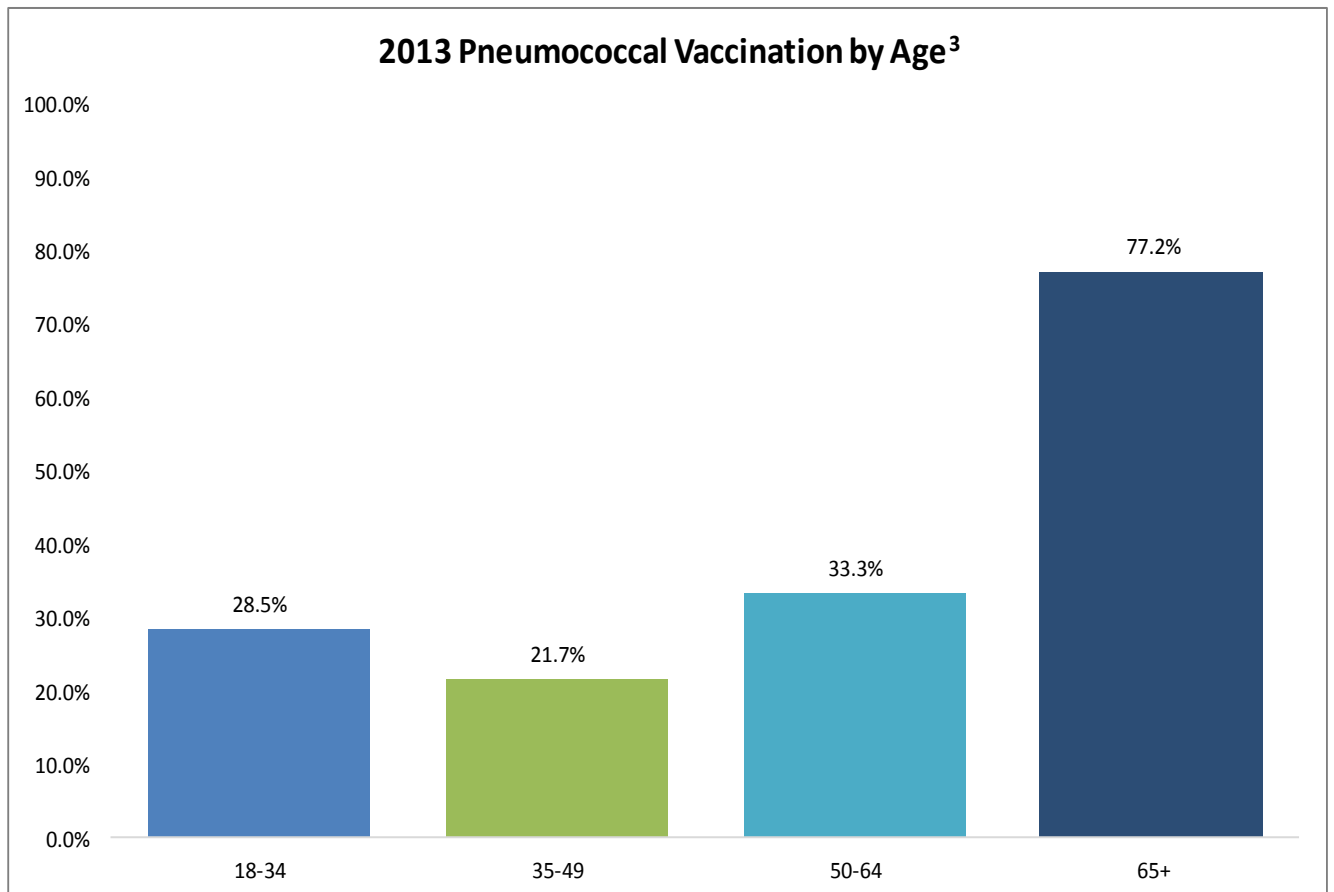
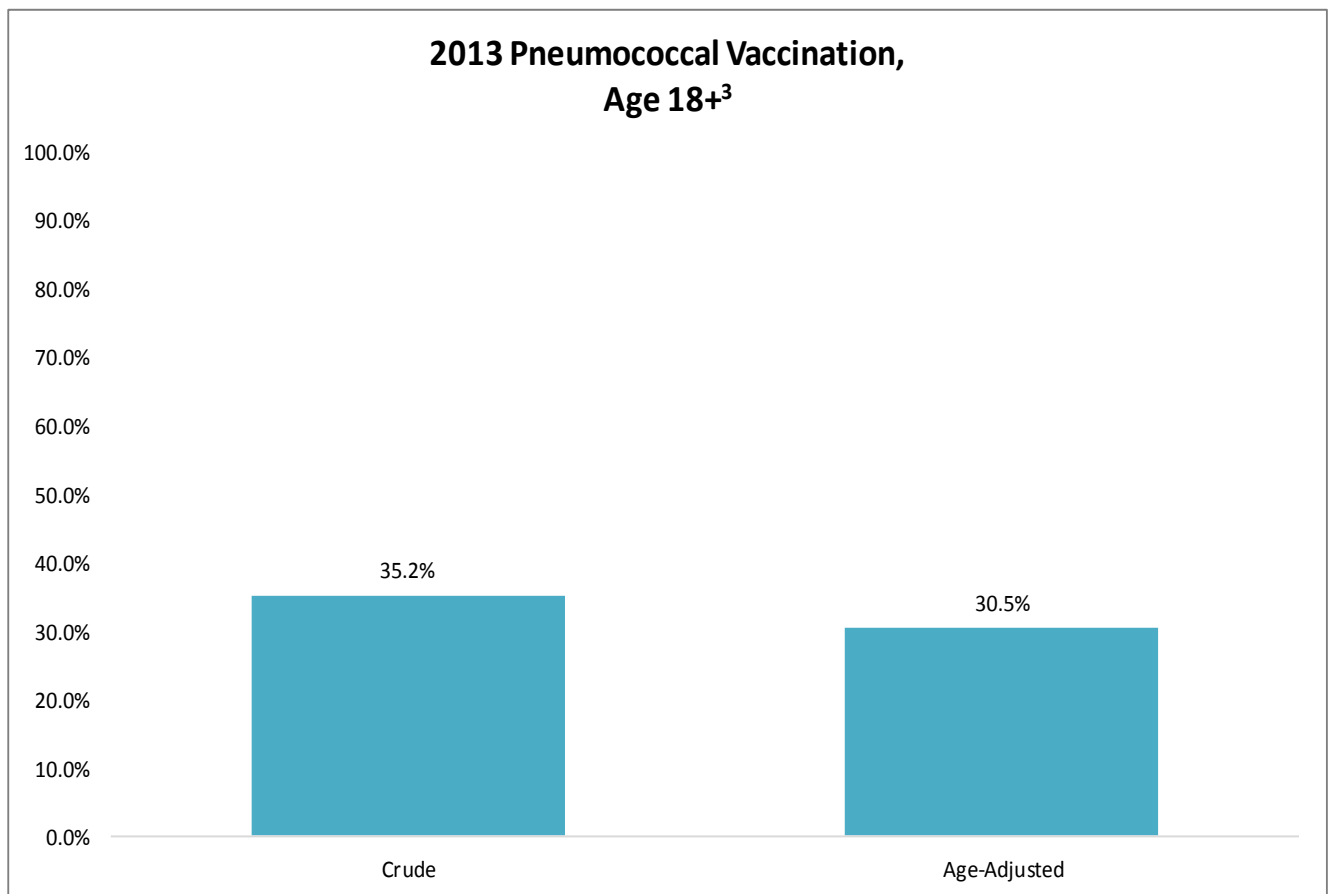
<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	25,728	
	Total	Percent
≥1 dose Influenza	14,771	57.4%

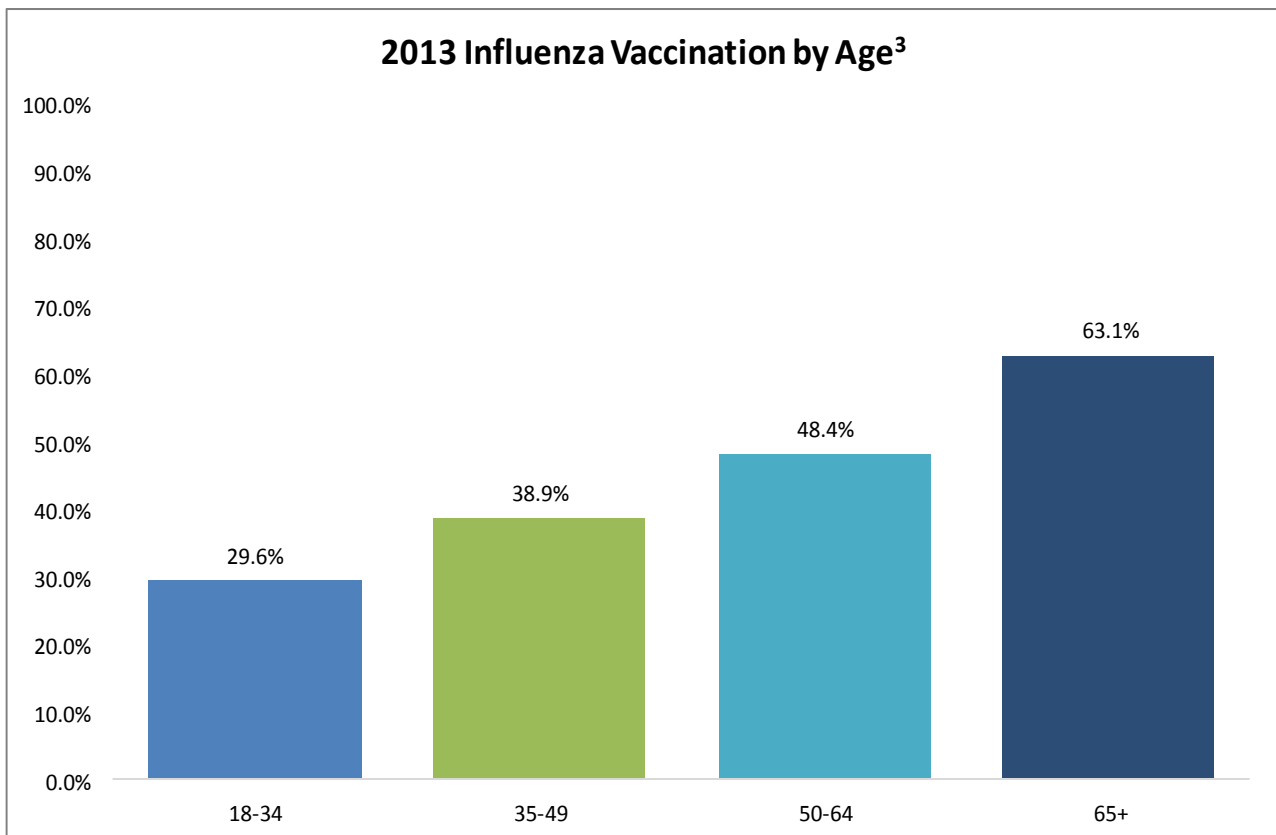
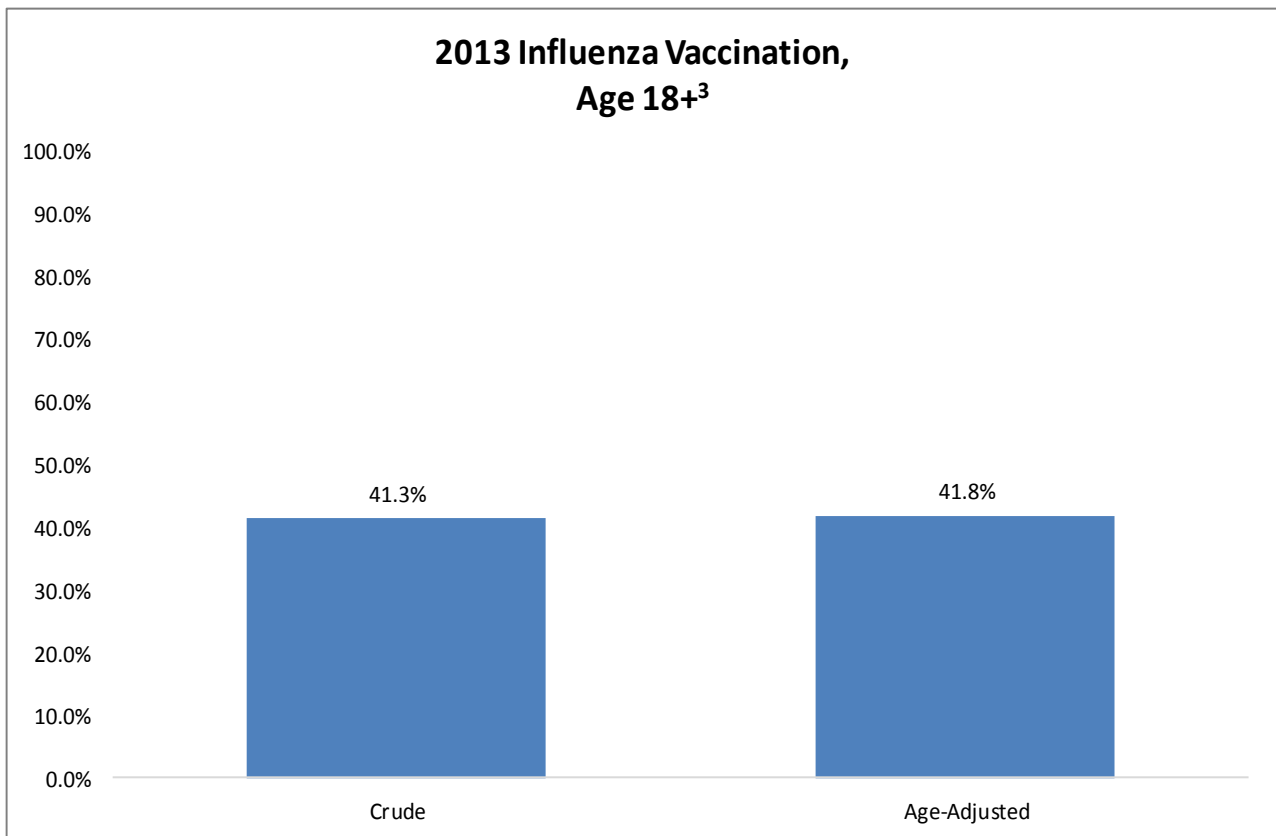
Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

Adequately Immunized by School District 2013 ²		
Tooele		
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	94.7%	3.5%
Second-Dose Measles (K-12)	97.6%	2.4%
7th Grade Entry	96.5%	3.1%

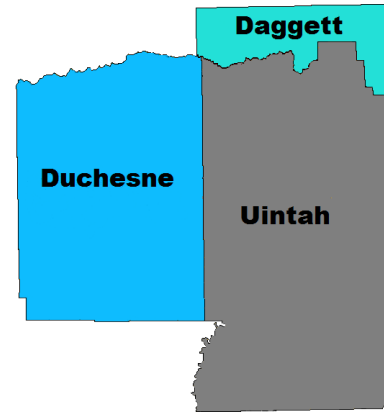
Immunized for Child Care 2013 ²		
	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	96.0%	1.5%
Head Start Centers	N/A	N/A







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	1,124	
	Total	Percent
≥3 doses DTaP	1,026	91.3%
≥4 doses DTaP	794	70.6%
≥3 doses Polio	1,020	90.7%
≥1 dose MMR	906	80.6%
≥3 doses Hib	938	83.5%
≥1 dose Hib	1,126	100.2%
≥3 doses Hep B	1,020	90.7%
Hep B Birth dose	974	86.7%
≥1 dose Varicella	828	73.7%
≥3 doses PCV	936	83.3%
≥4 doses PCV	743	66.1%
≥2 doses Hep A	287	25.5%
≥1 dose Rotavirus	981	87.3%
4:3:1	731	65.0%
4:3:1:3	726	64.6%
4:3:1:4	678	60.3%
4:3:1:3:3	715	63.6%
4:3:1:0:3:1	692	61.6%
4:3:1:3:3:1	688	61.2%
4:3:1:4:3:1	646	57.5%
4:3:1:0:3:1:4	646	57.5%
4:3:1:3:3:1:4	646	57.5%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	385	
	Total	Percent
≥1 dose DTaP	330	85.7%
≥1 dose Polio	328	85.2%
≥1 dose Hib	327	84.9%
≥1 dose Hep B	382	99.2%
≥2 doses Hep B	292	75.8%
≥1 dose PCV	328	85.2%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	591	
	Total	Percent
≥2 doses DTaP	310	52.5%
≥2 doses Polio	309	52.3%
≥2 doses Hib	305	51.6%
≥2 doses Hep B	473	80.0%
≥2 doses PCV	305	51.6%

<13 Months of Age ⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	1,349	
	Total	Percent
≥3 doses DTaP	698	51.7%
≥2 doses Polio	975	72.3%
≥1 dose MMR	252	18.7%
≥2 doses Hib	966	71.6%
≥3 doses Hib	679	50.3%
≥2 doses Hep B	1,176	87.2%
≥3 doses Hep B	812	60.2%
≥1 dose Varicella	156	11.6%
≥3 doses PCV	684	50.7%

<19 Months of Age ⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	1,945	
	Total	Percent
≥3 doses DTaP	1,192	61.3%
≥4 doses DTaP	313	16.1%
≥3 doses Polio	1,181	60.7%
≥1 dose MMR	707	36.3%
≥3 doses Hib	1,165	59.9%
≥1 dose Hib	1,807	92.9%
≥3 doses Hep B	1,320	67.9%
≥1 dose Varicella	544	28.0%
≥3 doses PCV	1,166	59.9%
4:3:1	295	15.2%
4:3:1:3	291	15.0%
4:3:1:4	275	14.1%
4:3:1:3:3	288	14.8%
4:3:1:0:3	291	15.0%
4:3:1:4:3	272	14.0%
4:3:1:3:3:1	276	14.2%
4:3:1:0:3:1	278	14.3%
4:3:1:4:3:1	260	13.4%

<24 Months of Age⁶		
Children in USIS born between 06/02/2012 and 07/01/2014		
Total	2,459	
	Total	Percent
≥3 doses DTaP	1,615	65.7%
≥4 doses DTaP	631	25.7%
≥3 doses Polio	1,601	65.1%
≥1 dose MMR	1,090	44.3%
≥3 doses Hib	1,576	64.1%
≥1 dose Hib	2,290	93.1%
≥3 doses Hep B	1,768	71.9%
≥1 dose Varicella	887	36.1%
≥3 doses PCV	1,582	64.3%
≥4 doses PCV	820	33.3%
4:3:1	591	24.0%
4:3:1:3	585	23.8%
4:3:1:4	543	22.1%
4:3:1:3:3	581	23.6%
4:3:1:0:3	586	23.8%
4:3:1:4:3	539	21.9%
4:3:1:3:3:1	557	22.7%
4:3:1:0:3:1	561	22.8%
4:3:1:4:3:1	517	21.0%
4:3:1:3:3:1:4	515	20.9%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	6,152	
	Total	Percent
1 HPV	1,519	24.7%
2 HPV	899	14.6%
3 HPV	547	8.9%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	6,152	
	Total	Percent
≥1 dose Meningococcal	2,431	39.5%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	21,008	
	Total	Percent
≥1 dose Influenza	7,859	37.4%

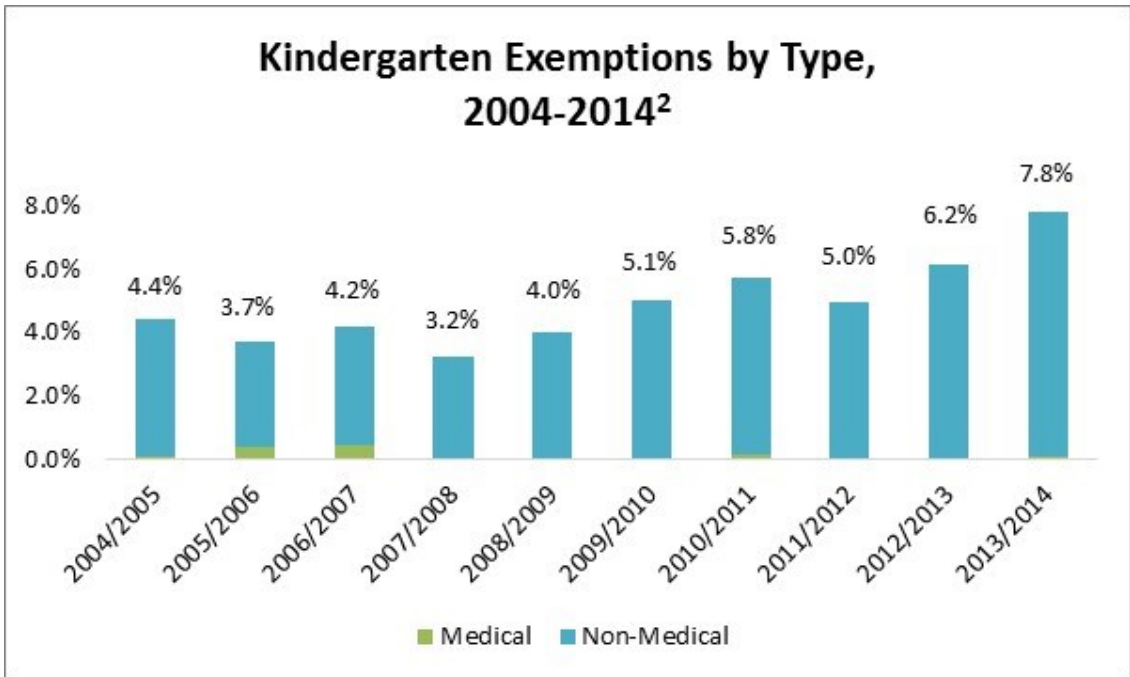
Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

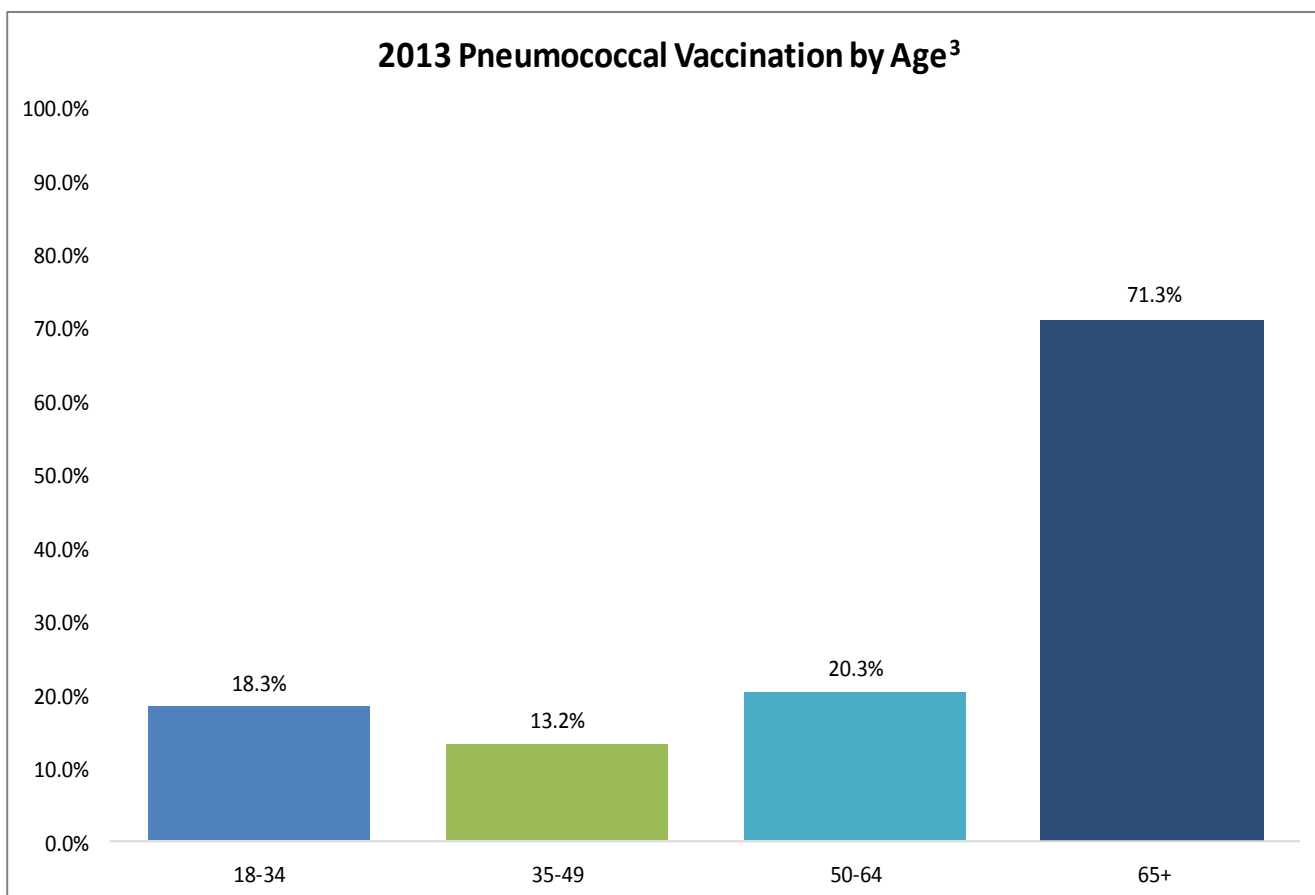
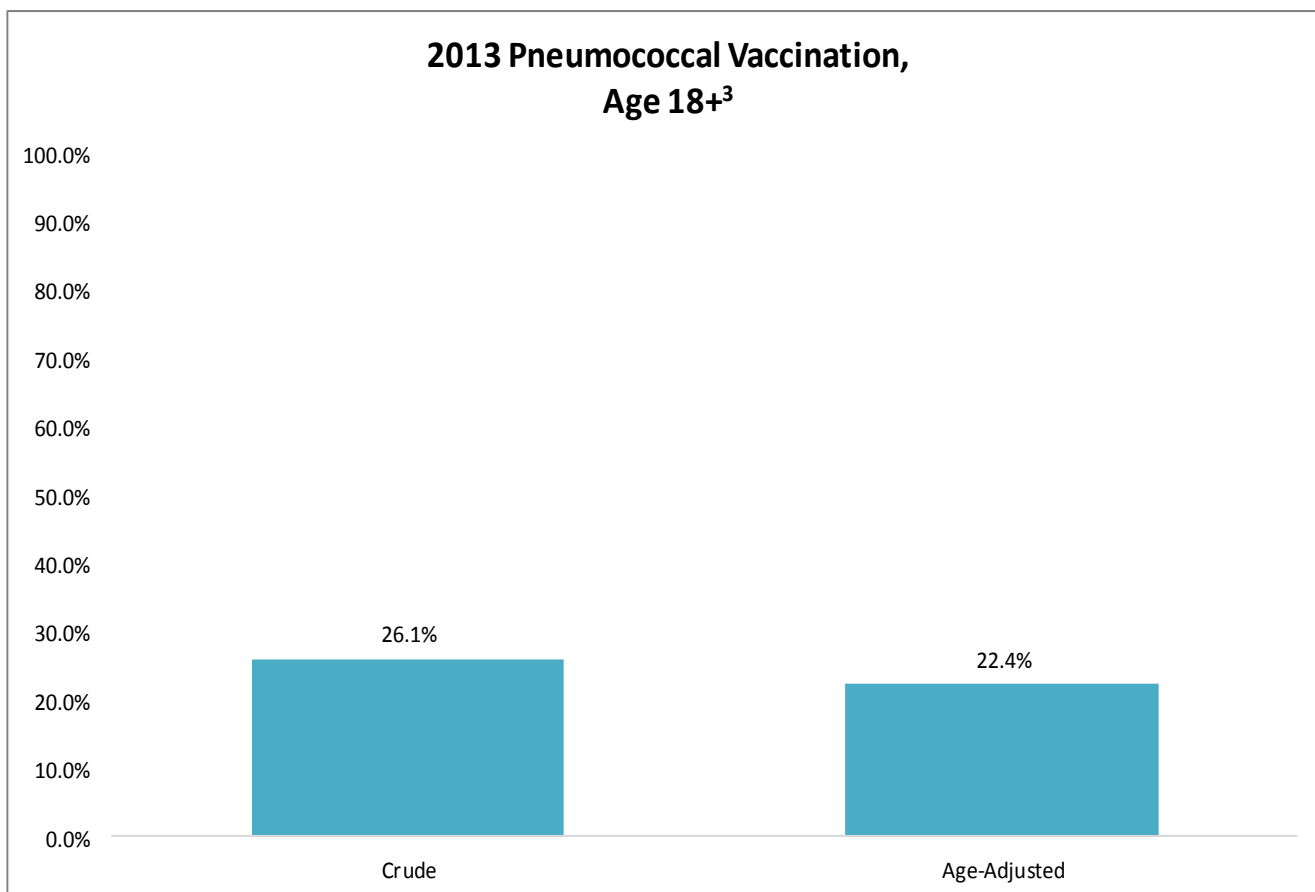
Adequately Immunized by School District 2013²

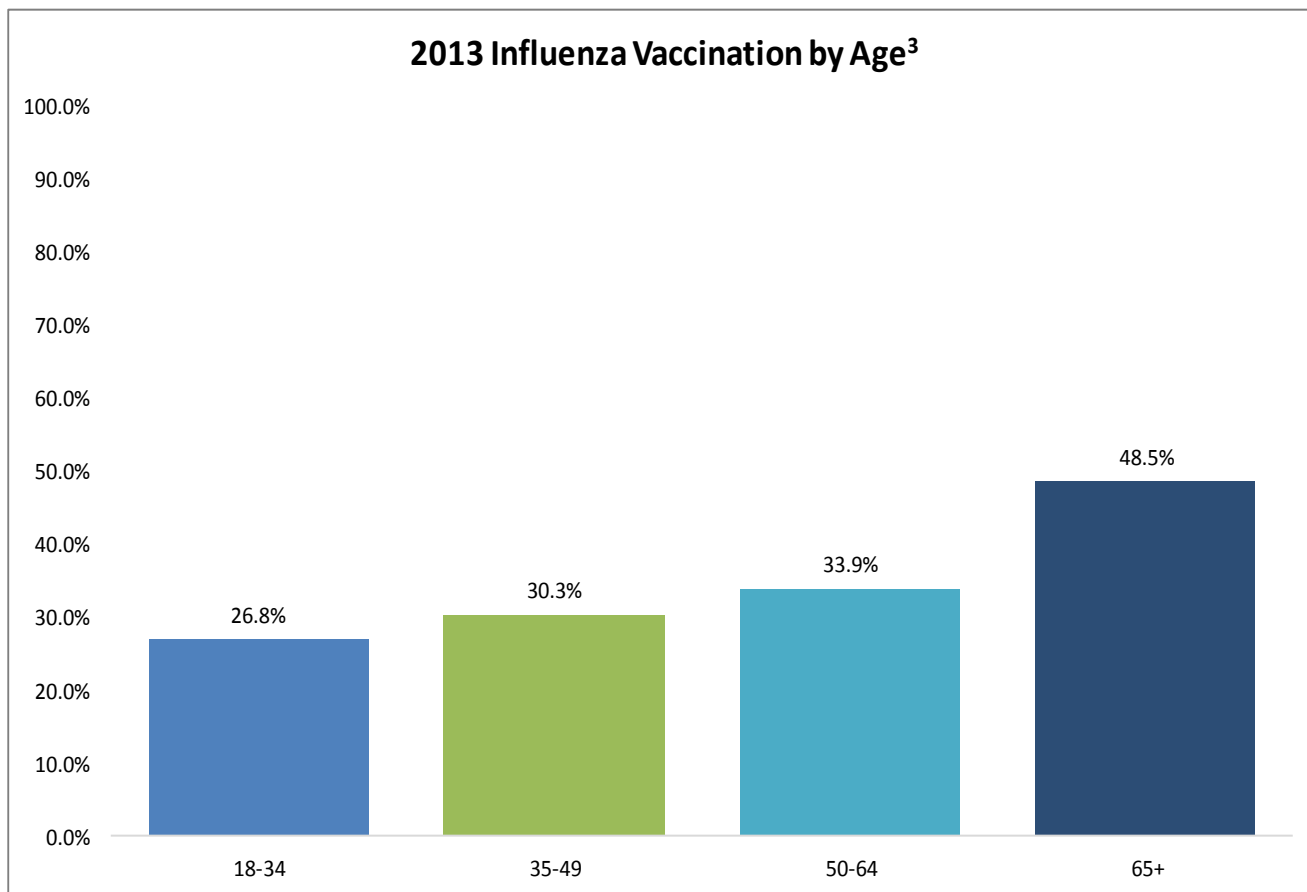
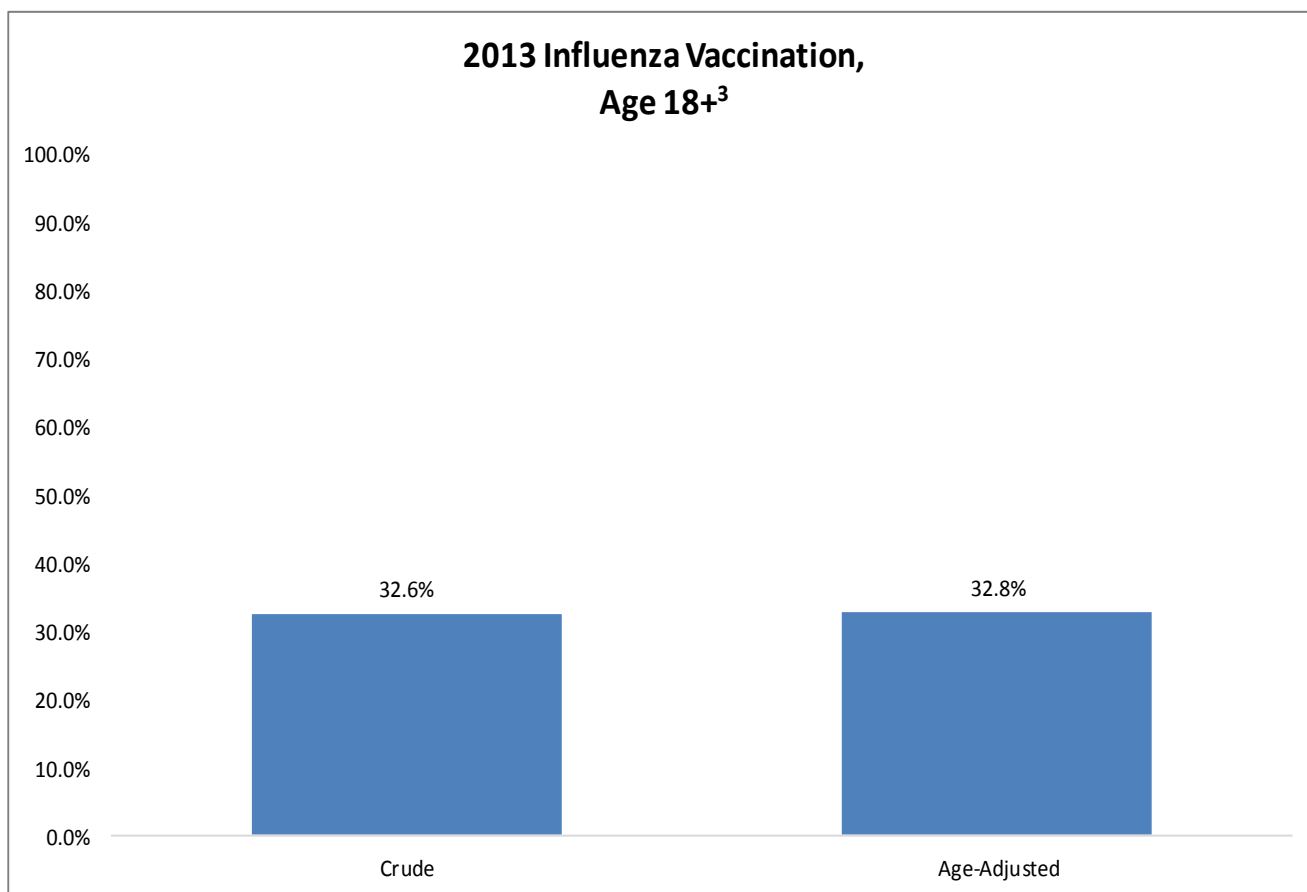
	Daggett		Duchesne		Uintah	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	100%	0.0%	87.1%	5.4%	86.6%	9.6%
Second-Dose Measles (K-12)	98.7%	1.3%	96.1%	3.4%	93.5%	6.2%
7th Grade Entry	100%	0.0%	94.5%	2.8%	88.9%	9.7%

Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	91.1%	4.5%
Head Start Centers	93.6%	1.3%







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	11,050	
	Total	Percent
≥3 doses DTaP	5,481	49.6%
≥4 doses DTaP	4,114	37.2%
≥3 doses Polio	5,215	47.2%
≥1 dose MMR	6,669	60.4%
≥3 doses Hib	5,122	46.4%
≥1 dose Hib	8,587	77.7%
≥3 doses Hep B	5,110	46.2%
Hep B Birth dose	9,061	82.0%
≥1 dose Varicella	6,642	60.1%
≥3 doses PCV	5,098	46.1%
≥4 doses PCV	4,066	36.8%
≥2 doses Hep A	4,495	40.7%
≥1 dose Rotavirus	5,554	50.3%
4:3:1	3,889	35.2%
4:3:1:3	3,855	34.9%
4:3:1:4	3,636	32.9%
4:3:1:3:3	3,738	33.8%
4:3:1:0:3:1	3,707	33.5%
4:3:1:3:3:1	3,680	33.3%
4:3:1:4:3:1	3,502	31.7%
4:3:1:0:3:1:4	3,502	31.7%
4:3:1:3:3:1:4	3,492	31.6%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	3,723	
	Total	Percent
≥1 dose DTaP	2,588	69.5%
≥1 dose Polio	2,564	68.9%
≥1 dose Hib	2,551	68.5%
≥1 dose Hep B	3,666	98.5%
≥2 doses Hep B	2,305	61.9%
≥1 dose PCV	2,551	68.5%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	5,338	
	Total	Percent
≥2 doses DTaP	2,154	40.4%
≥2 doses Polio	2,129	39.9%
≥2 doses Hib	2,119	39.7%
≥2 doses Hep B	3,414	64.0%
≥2 doses PCV	2,127	39.8%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	12,658	
	Total	Percent
≥3 doses DTaP	3,895	30.8%
≥2 doses Polio	6,678	52.8%
≥1 dose MMR	1,797	14.2%
≥2 doses Hib	6,660	52.6%
≥3 doses Hib	3,478	27.5%
≥2 doses Hep B	8,552	67.6%
≥3 doses Hep B	4,641	36.7%
≥1 dose Varicella	1,859	14.7%
≥3 doses PCV	4,195	33.1%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	18,087	
	Total	Percent
≥3 doses DTaP	7,506	41.5%
≥4 doses DTaP	2,440	13.5%
≥3 doses Polio	7,259	40.1%
≥1 dose MMR	4,591	25.4%
≥3 doses Hib	6,986	38.6%
≥1 dose Hib	13,393	74.0%
≥3 doses Hep B	8,131	45.0%
≥1 dose Varicella	4,593	25.4%
≥3 doses PCV	7,790	43.1%
4:3:1	2,032	11.2%
4:3:1:3	2,020	11.2%
4:3:1:4	1,852	10.2%
4:3:1:3:3	1,947	10.8%
4:3:1:0:3	1,959	10.8%
4:3:1:4:3	1,792	9.9%
4:3:1:3:3:1	1,827	10.1%
4:3:1:0:3:1	1,837	10.2%
4:3:1:4:3:1	1,763	9.7%

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	23,178	
	Total	Percent
≥3 doses DTaP	10,338	44.6%
≥4 doses DTaP	4,288	18.5%
≥3 doses Polio	9,862	42.5%
≥1 dose MMR	7,668	33.1%
≥3 doses Hib	9,750	42.1%
≥1 dose Hib	17,331	74.8%
≥3 doses Hep B	10,735	46.3%
≥1 dose Varicella	7,722	33.3%
≥3 doses PCV	10,711	46.2%
≥4 doses PCV	5,267	22.7%
4:3:1	3,775	16.3%
4:3:1:3	3,757	16.2%
4:3:1:4	3,514	15.2%
4:3:1:3:3	3,630	15.7%
4:3:1:0:3	3,646	15.7%
4:3:1:4:3	3,406	14.7%
4:3:1:3:3:1	3,494	15.1%
4:3:1:0:3:1	3,508	15.1%
4:3:1:4:3:1	3,370	14.5%
4:3:1:3:3:1:4	3,361	14.5%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	73,264	
	Total	Percent
1 HPV	11,583	15.8%
2 HPV	5,789	7.9%
3 HPV	3,058	4.2%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	73,264	
	Total	Percent
≥1 dose Meningococcal	20,932	28.6%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	230,759	
	Total	Percent
≥1 dose Influenza	91,108	39.5%

Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

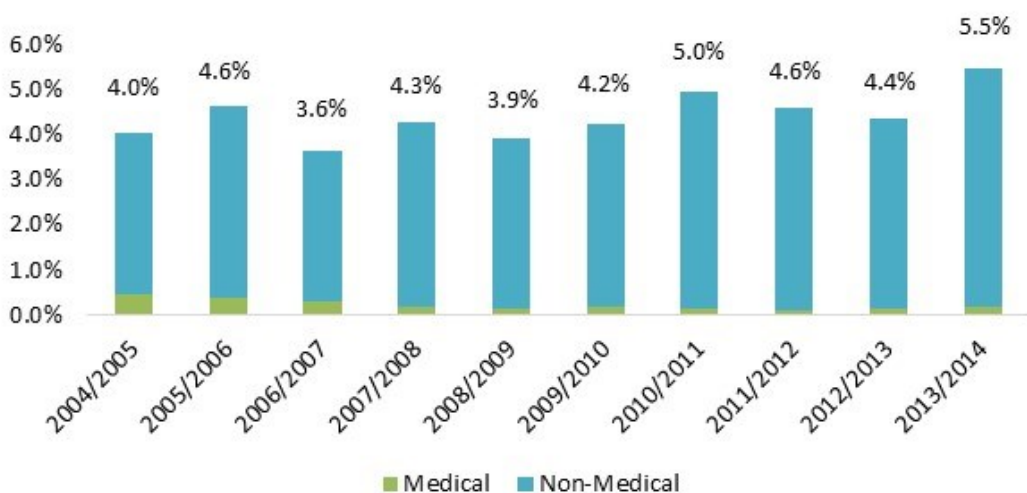
Adequately Immunized by School District 2013²

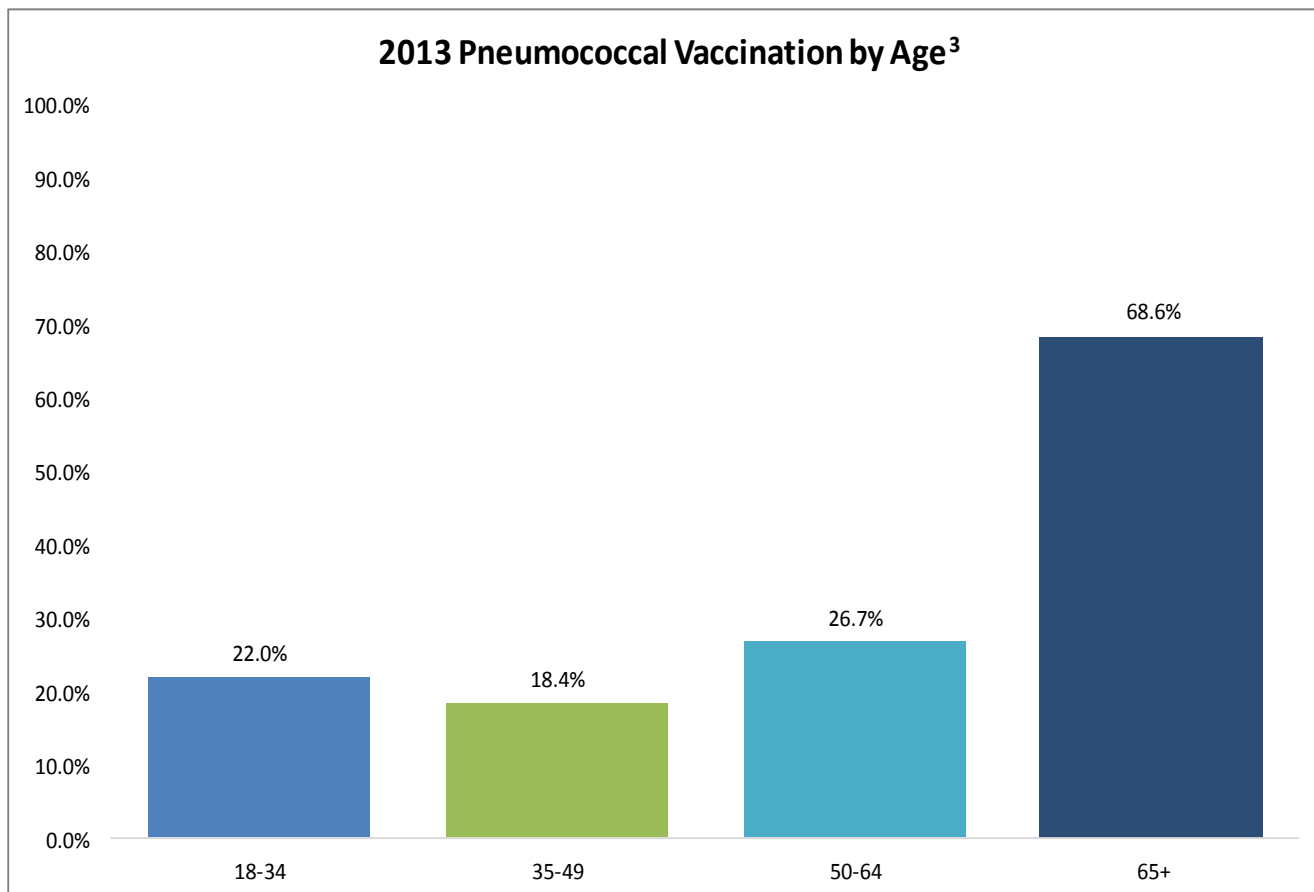
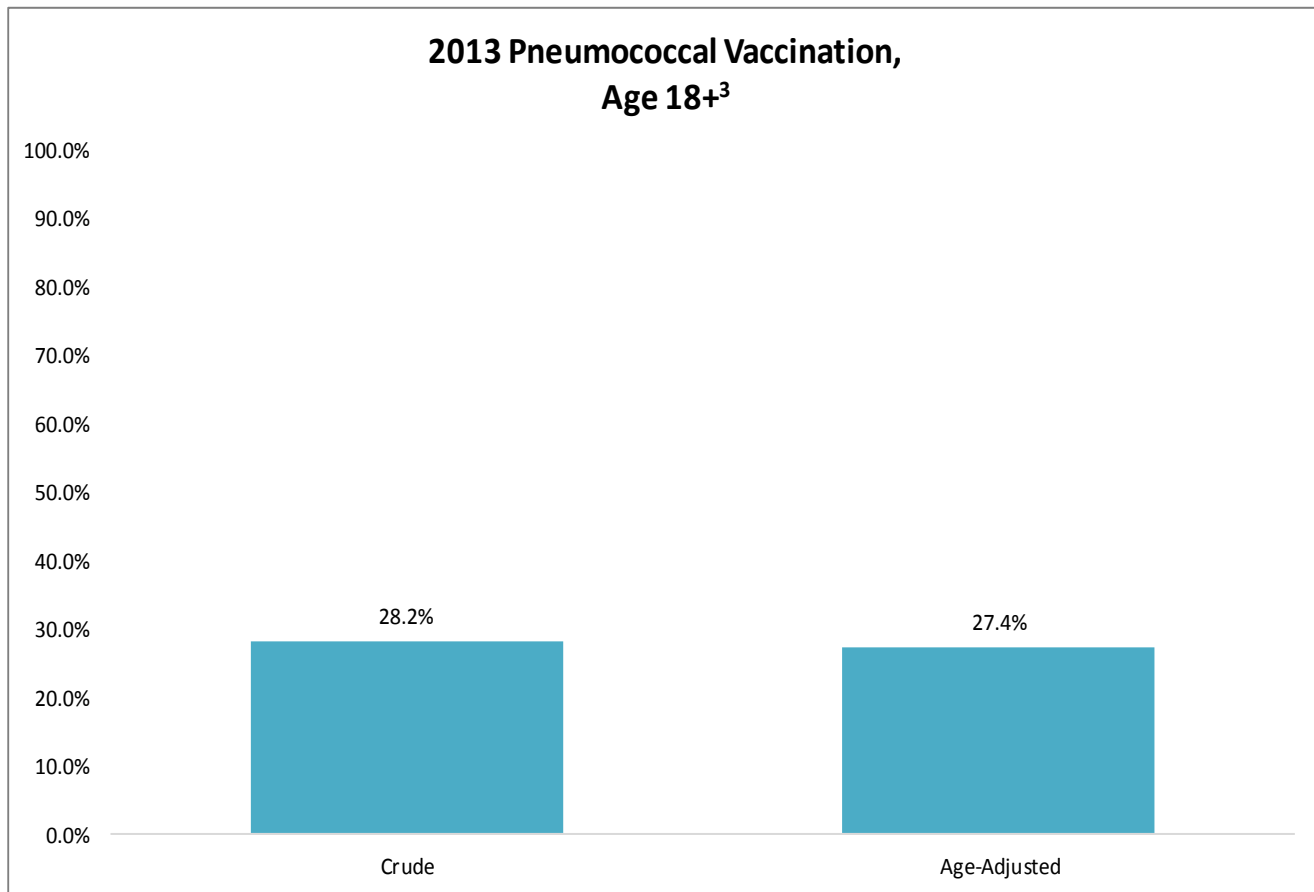
	Alpine		Nebo		Provo	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	88.1%	4.7%	89.7%	5.3%	81.6%	4.4%
Second-Dose Measles (K-12)	95.2%	4.4%	94.9%	4.9%	95.1%	4.2%
7th Grade Entry	90.2%	5.2%	93.2%	4.7%	67.9%	10.5%

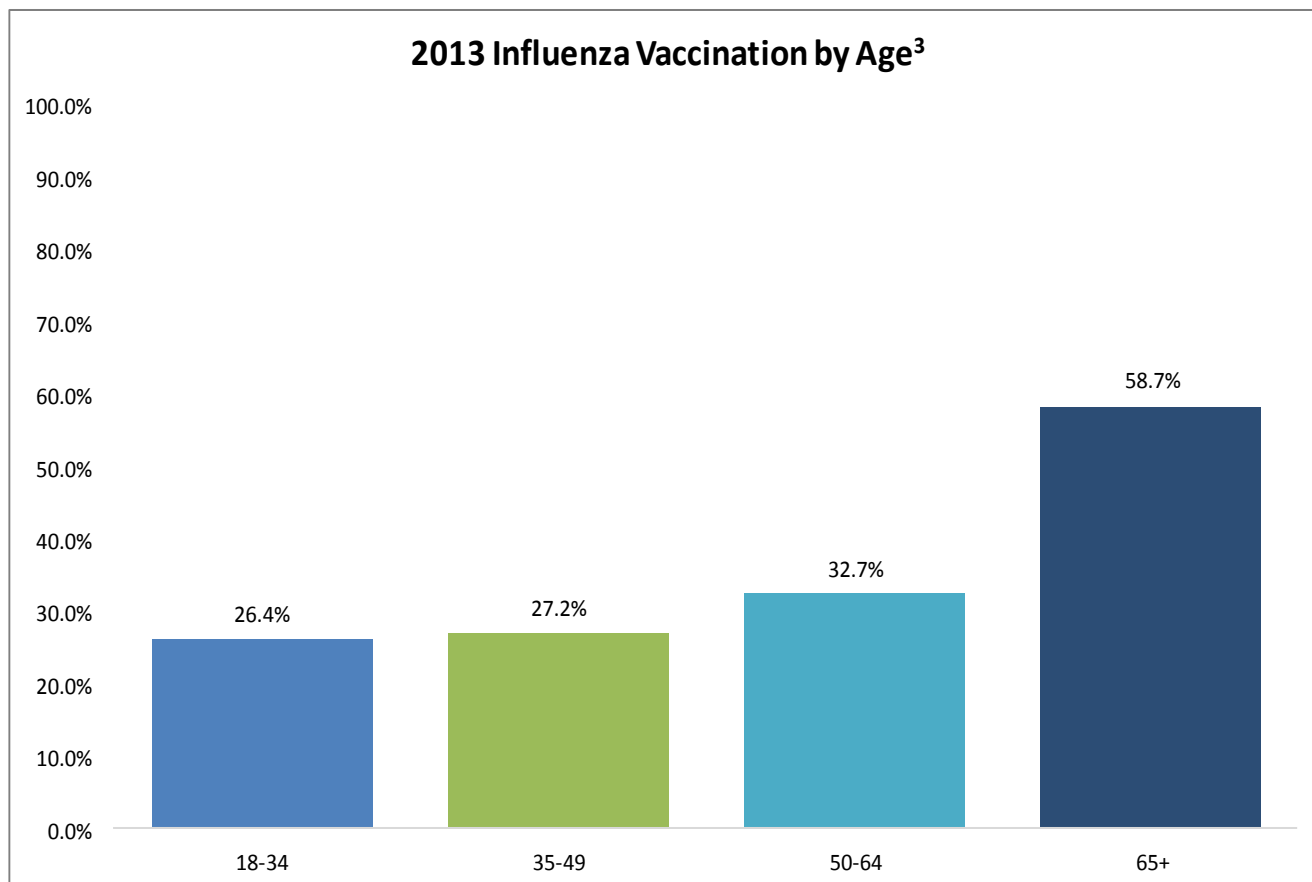
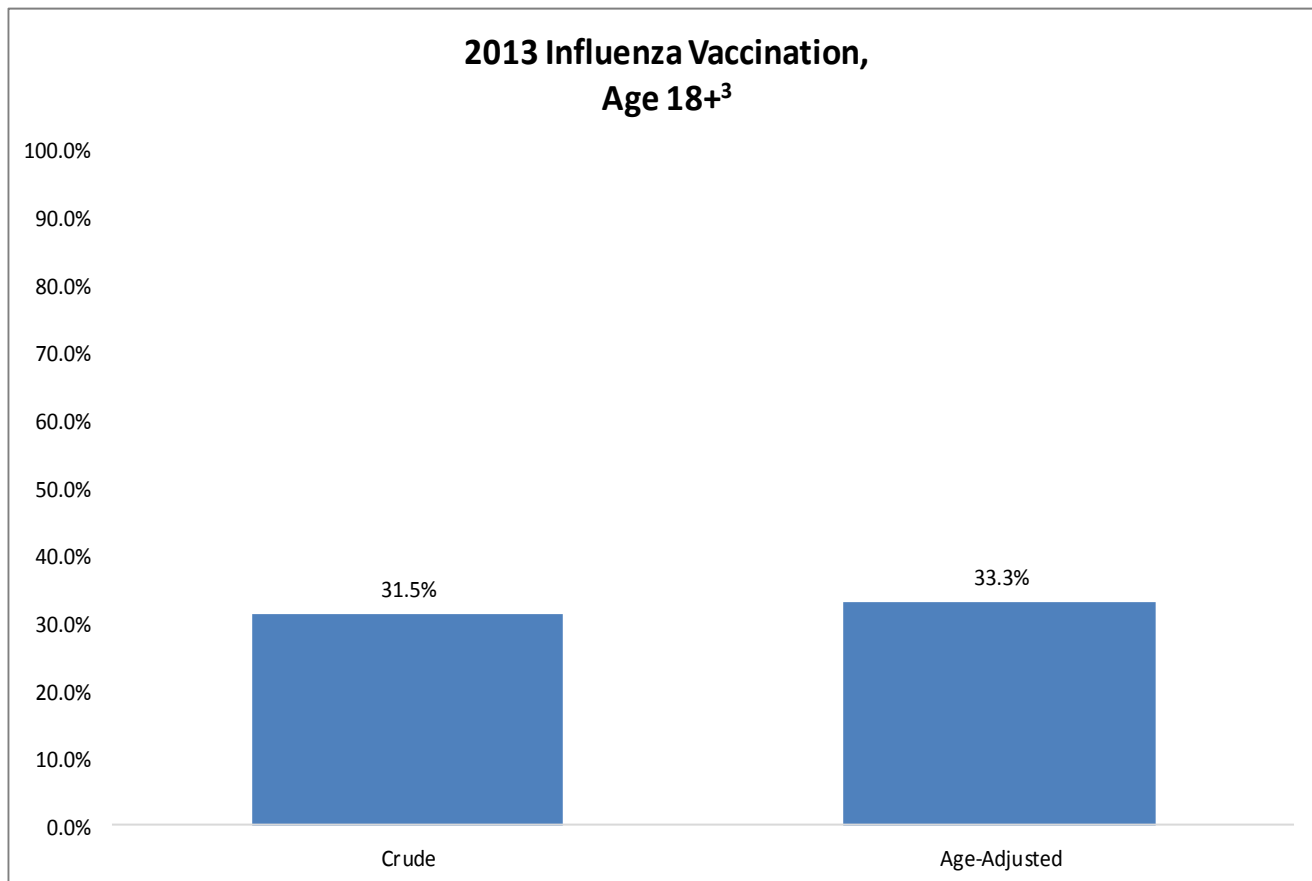
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	86.1%	4.4%
Head Start Centers	93.1%	2.9%

Kindergarten Exemptions by Type, 2004-2014²







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	428	
	Total	Percent
≥3 doses DTaP	377	88.1%
≥4 doses DTaP	287	67.1%
≥3 doses Polio	362	84.6%
≥1 dose MMR	345	80.6%
≥3 doses Hib	352	82.2%
≥1 dose Hib	424	99.1%
≥3 doses Hep B	342	79.9%
Hep B Birth dose	333	77.8%
≥1 dose Varicella	337	78.7%
≥3 doses PCV	342	79.9%
≥4 doses PCV	265	61.9%
≥2 doses Hep A	212	49.5%
≥1 dose Rotavirus	346	80.8%
4:3:1	274	64.0%
4:3:1:3	270	63.1%
4:3:1:4	231	54.0%
4:3:1:3:3	255	59.6%
4:3:1:0:3:1	255	59.6%
4:3:1:3:3:1	251	58.6%
4:3:1:4:3:1	215	50.2%
4:3:1:0:3:1:4	215	50.2%
4:3:1:3:3:1:4	214	50.0%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	149	
	Total	Percent
≥1 dose DTaP	132	88.6%
≥1 dose Polio	126	84.6%
≥1 dose Hib	127	85.2%
≥1 dose Hep B	139	93.3%
≥2 doses Hep B	93	62.4%
≥1 dose PCV	125	83.9%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	207	
	Total	Percent
≥2 doses DTaP	99	47.8%
≥2 doses Polio	98	47.3%
≥2 doses Hib	96	46.4%
≥2 doses Hep B	136	65.7%
≥2 doses PCV	88	42.5%

<13 Months of Age⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	471	
	Total	Percent
≥3 doses DTaP	239	50.7%
≥2 doses Polio	322	68.4%
≥1 dose MMR	56	11.9%
≥2 doses Hib	323	68.6%
≥3 doses Hib	227	48.2%
≥2 doses Hep B	352	74.7%
≥3 doses Hep B	224	47.6%
≥1 dose Varicella	33	7.0%
≥3 doses PCV	221	46.9%

<19 Months of Age⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	698	
	Total	Percent
≥3 doses DTaP	431	61.7%
≥4 doses DTaP	107	15.3%
≥3 doses Polio	419	60.0%
≥1 dose MMR	200	28.7%
≥3 doses Hib	418	59.9%
≥1 dose Hib	643	92.1%
≥3 doses Hep B	402	57.6%
≥1 dose Varicella	177	25.4%
≥3 doses PCV	406	58.2%
4:3:1	86	12.3%
4:3:1:3	86	12.3%
4:3:1:4	63	9.0%
4:3:1:3:3	80	11.5%
4:3:1:0:3	80	11.5%
4:3:1:4:3	59	8.5%
4:3:1:3:3:1	78	11.2%
4:3:1:0:3:1	78	11.2%
4:3:1:4:3:1	58	8.3%

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	880	
	Total	Percent
≥3 doses DTaP	577	65.6%
≥4 doses DTaP	209	23.8%
≥3 doses Polio	559	63.5%
≥1 dose MMR	341	38.8%
≥3 doses Hib	566	64.3%
≥1 dose Hib	816	92.7%
≥3 doses Hep B	540	61.4%
≥1 dose Varicella	315	35.8%
≥3 doses PCV	551	62.6%
≥4 doses PCV	249	28.3%
4:3:1	184	20.9%
4:3:1:3	184	20.9%
4:3:1:4	139	15.8%
4:3:1:3:3	173	19.7%
4:3:1:0:3	173	19.7%
4:3:1:4:3	131	14.9%
4:3:1:3:3:1	171	19.4%
4:3:1:0:3:1	171	19.4%
4:3:1:4:3:1	130	14.8%
4:3:1:3:3:1:4	130	14.8%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	3,617	
	Total	Percent
1 HPV	748	20.7%
2 HPV	370	10.2%
3 HPV	191	5.3%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	3,617	
	Total	Percent
≥1 dose Meningococcal	1,707	47.2%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	10,828	
	Total	Percent
≥1 dose Influenza	5,686	52.5%

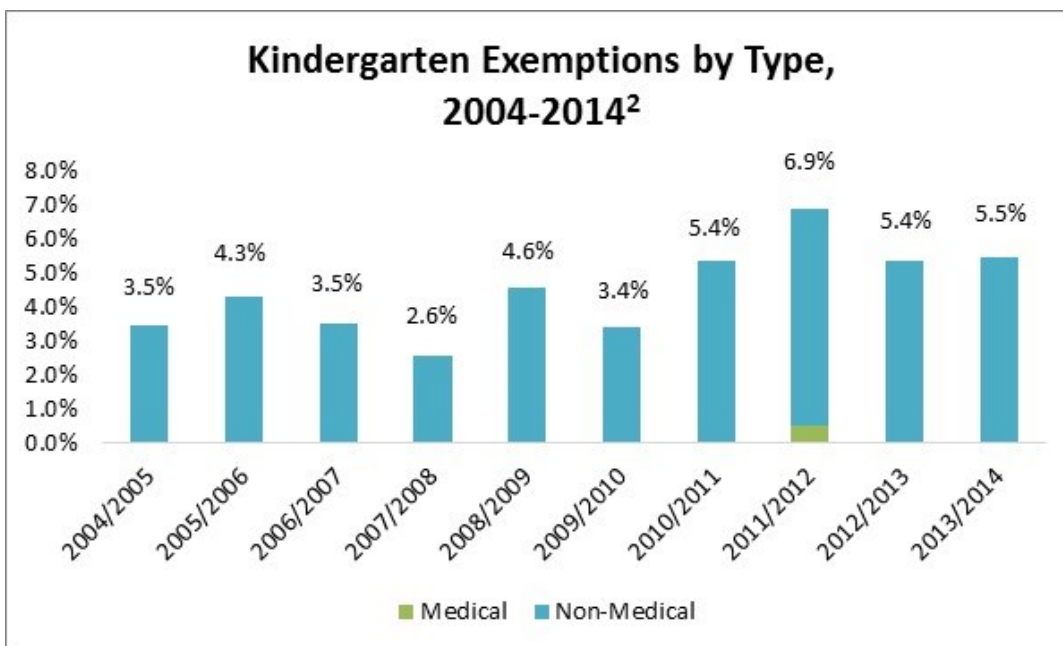
Adequately Immunized by School District 2013²

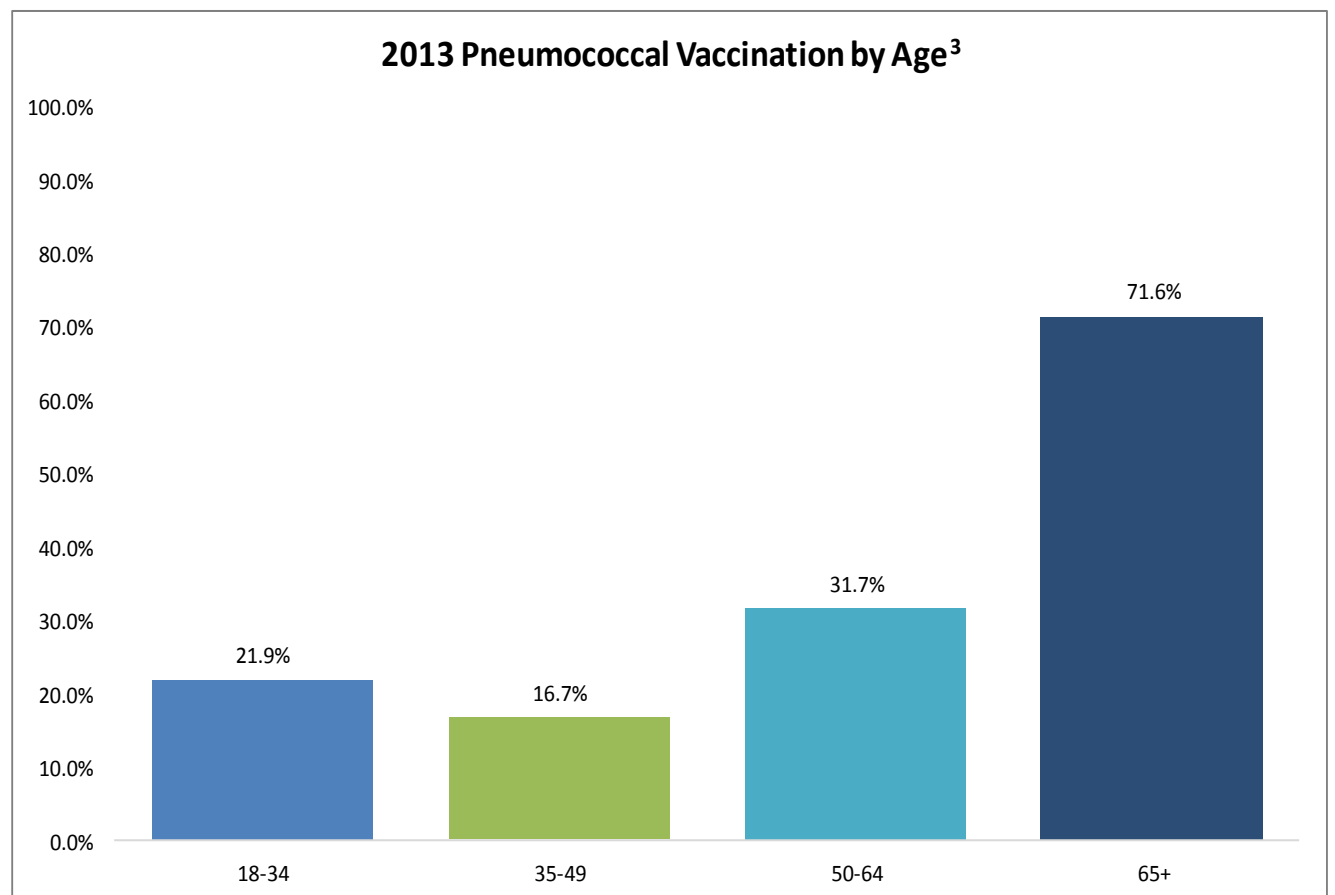
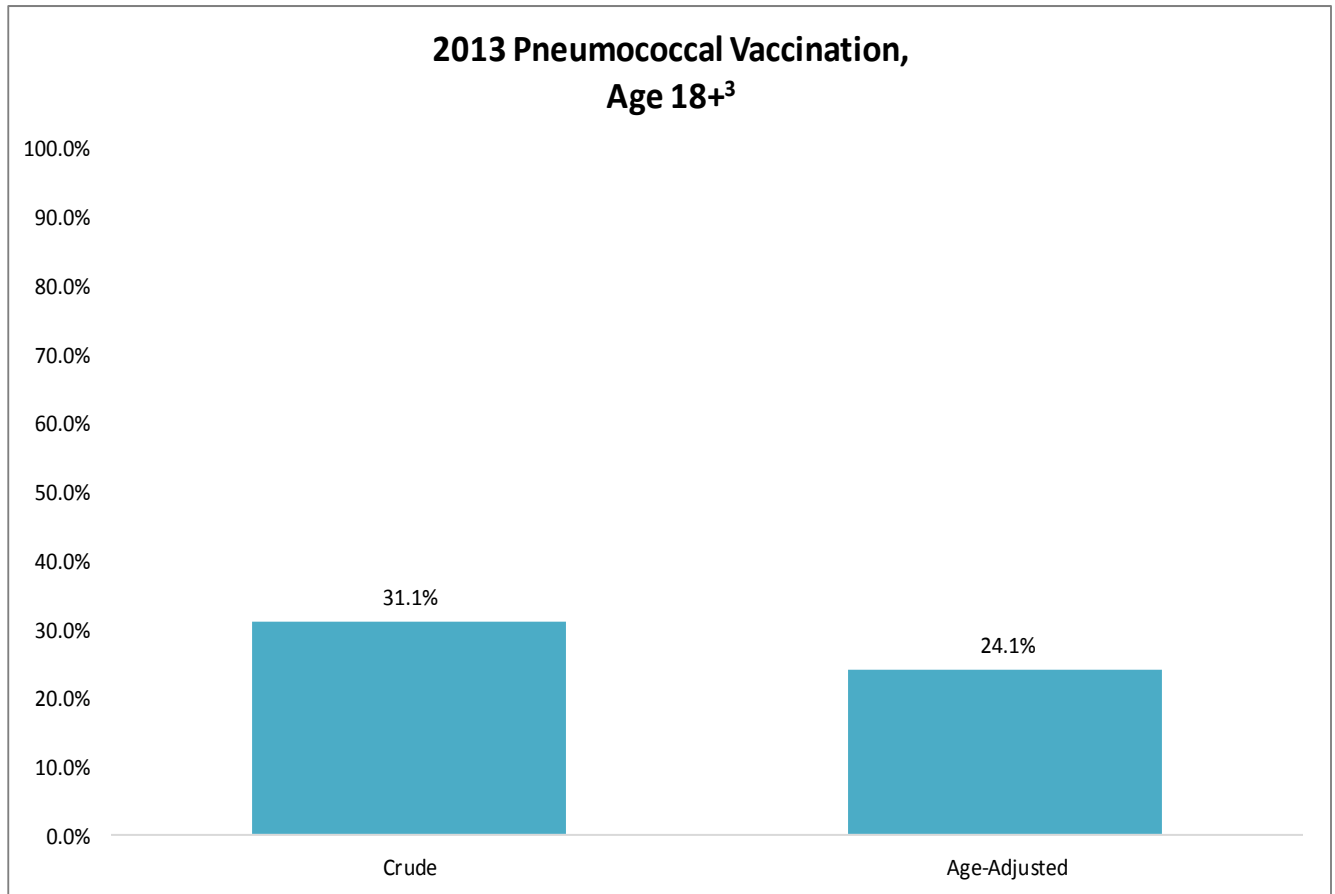
Wasatch		
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	93.8%	4.0%
Second-Dose Measles (K-12)	96.2%	4.3%
7th Grade Entry	96.4%	3.1%

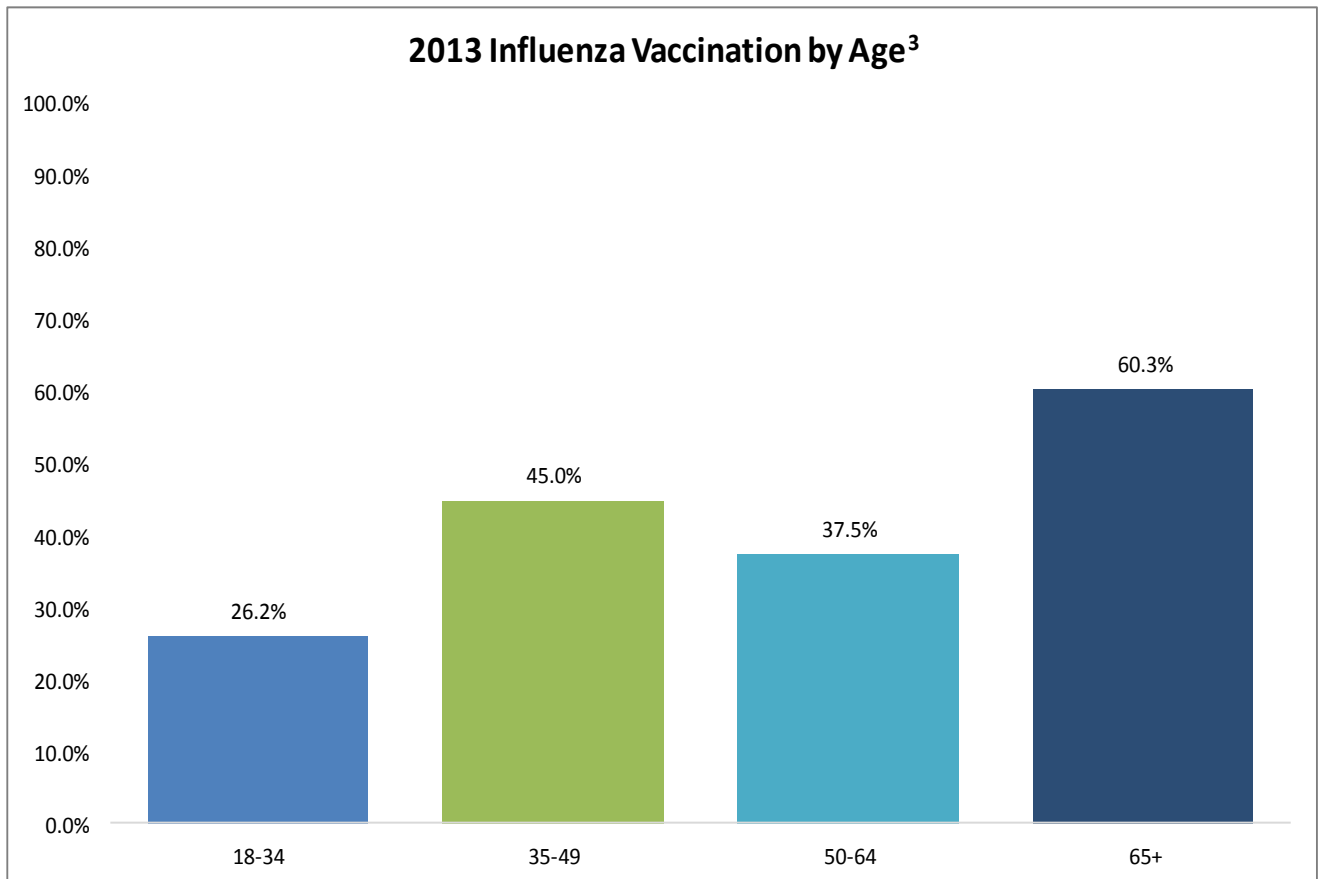
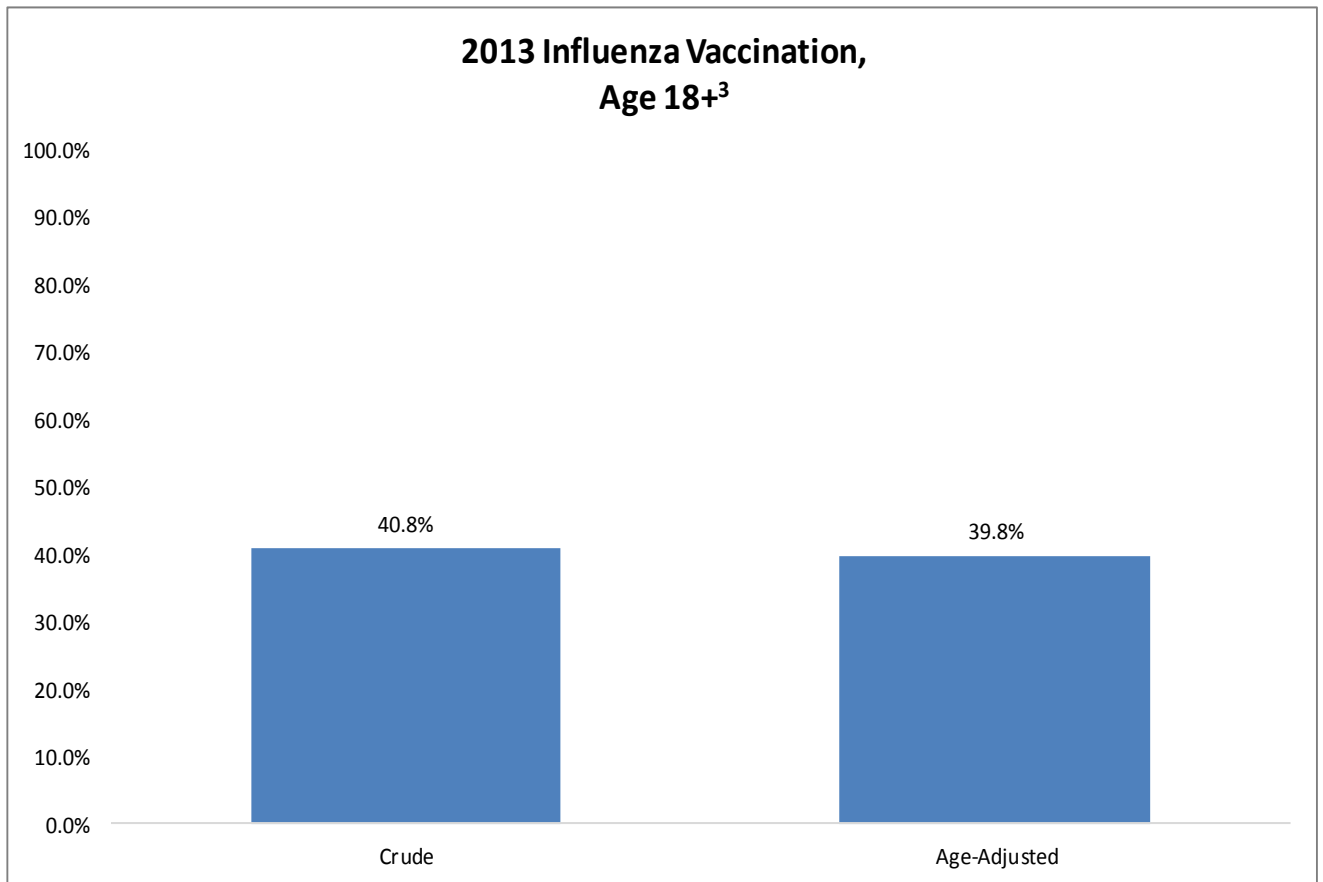
Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	27.9%	1.4%
Head Start Centers	Reported in Utah Co HS	Reported in Utah Co HS

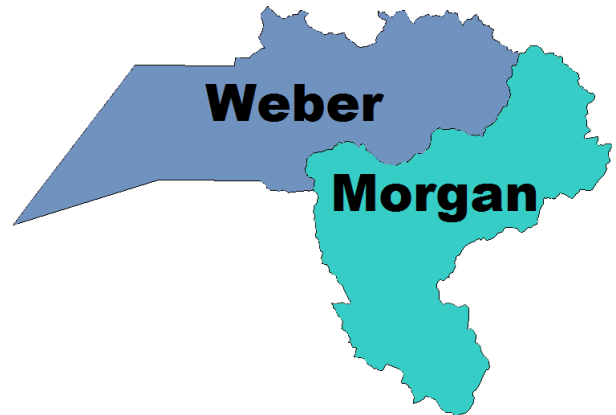
Kindergarten Exemptions by Type, 2004-2014²







Early Childhood Immunization



24-35 months of Age ⁶		
Children in USIIS born between 07/02/2011 and 07/01/2012		
Total	4,255	
	Total	Percent
≥3 doses DTaP	3,710	87.2%
≥4 doses DTaP	3,058	71.9%
≥3 doses Polio	3,637	85.5%
≥1 dose MMR	3,620	85.1%
≥3 doses Hib	3,476	81.7%
≥1 dose Hib	4,015	94.4%
≥3 doses Hep B	3,545	83.3%
Hep B Birth dose	3,799	89.3%
≥1 dose Varicella	3,601	84.6%
≥3 doses PCV	3,479	81.8%
≥4 doses PCV	2,977	70.0%
≥2 doses Hep A	2,664	62.6%
≥1 dose Rotavirus	3,496	82.2%
4:3:1	3,008	70.7%
4:3:1:3	2,967	69.7%
4:3:1:4	2,845	66.9%
4:3:1:3:3	2,913	68.5%
4:3:1:0:3:1	2,935	69.0%
4:3:1:3:3:1	2,894	68.0%
4:3:1:4:3:1	2,786	65.5%
4:3:1:0:3:1:4	2,786	65.5%
4:3:1:3:3:1:4	2,757	64.8%

≤3 months of Age ⁶		
Children in USIIS born between 03/02/2014 and 07/01/2014		
Total	1,335	
	Total	Percent
≥1 dose DTaP	1,062	79.6%
≥1 dose Polio	1,058	79.3%
≥1 dose Hib	1,055	79.0%
≥1 dose Hep B	1,319	98.8%
≥2 doses Hep B	989	74.1%
≥1 dose PCV	1,044	78.2%

≤5 months of Age ⁶		
Children in USIIS born between 1/02/2014 and 07/01/2014		
Total	1,959	
	Total	Percent
≥2 doses DTaP	942	48.1%
≥2 doses Polio	938	47.9%
≥2 doses Hib	936	47.8%
≥2 doses Hep B	1,511	77.1%
≥2 doses PCV	926	47.3%

Weber-Morgan Service Area *Early Childhood Immunization* 2014

<13 Months of Age ⁶		
Children in USIIS born between 05/02/2013 and 07/01/2014		
Total	4,640	
	Total	Percent
≥3 doses DTaP	2,322	50.0%
≥2 doses Polio	3,122	67.3%
≥1 dose MMR	809	17.4%
≥2 doses Hib	3,112	67.1%
≥3 doses Hib	2,150	46.3%
≥2 doses Hep B	3,785	81.6%
≥3 doses Hep B	2,530	54.5%
≥1 dose Varicella	806	17.4%
≥3 doses PCV	2,316	49.9%

<19 Months of Age ⁶		
Children in USIIS born between 11/02/2012 and 07/01/2014		
Total	6,631	
	Total	Percent
≥3 doses DTaP	3,914	59.0%
≥4 doses DTaP	1,394	21.0%
≥3 doses Polio	3,857	58.2%
≥1 dose MMR	2,273	34.3%
≥3 doses Hib	3,683	55.5%
≥1 dose Hib	5,681	85.7%
≥3 doses Hep B	4,126	62.2%
≥1 dose Varicella	2,259	34.1%
≥3 doses PCV	3,881	58.5%
4:3:1	1,354	20.4%
4:3:1:3	1,343	20.3%
4:3:1:4	1,281	19.3%
4:3:1:3:3	1,328	20.0%
4:3:1:0:3	1,339	20.2%
4:3:1:4:3	1,269	19.1%
4:3:1:3:3:1	1,316	19.8%
4:3:1:0:3:1	1,327	20.0%
4:3:1:4:3:1	1,259	19.0%

Weber-Morgan Service Area *Early Childhood Immunization* 2014

<24 Months of Age ⁶		
Children in USIIS born between 06/02/2012 and 07/01/2014		
Total	8,478	
	Total	Percent
≥3 doses DTaP	5,457	64.4%
≥4 doses DTaP	2,664	31.4%
≥3 doses Polio	5,355	63.2%
≥1 dose MMR	3,753	44.3%
≥3 doses Hib	5,192	61.2%
≥1 dose Hib	7,349	86.7%
≥3 doses Hep B	5,656	66.7%
≥1 dose Varicella	3,739	44.1%
≥3 doses PCV	5,419	63.9%
≥4 doses PCV	3,028	35.7%
4:3:1	2,598	30.6%
4:3:1:3	2,584	30.5%
4:3:1:4	2,466	29.1%
4:3:1:3:3	2,555	30.1%
4:3:1:0:3	2,569	30.3%
4:3:1:4:3	2,444	28.8%
4:3:1:3:3:1	2,540	30.0%
4:3:1:0:3:1	2,554	30.1%
4:3:1:4:3:1	2,431	28.7%
4:3:1:3:3:1:4	2,425	28.6%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	30,610	
	Total	Percent
1 HPV	10,100	33.0%
2 HPV	6,293	20.6%
3 HPV	3,951	12.9%

12-17 Years of Age ⁶		
Children in USIIS born between 07/02/1996 and 07/01/2002		
Total	30,610	
	Total	Percent
≥1 dose Meningococcal	14,537	47.5%

<18 Years of Age ⁶		
Children in USIIS born after 07/02/1995		
Total	92,160	
	Total	Percent
≥1 dose Influenza	45,873	49.8%

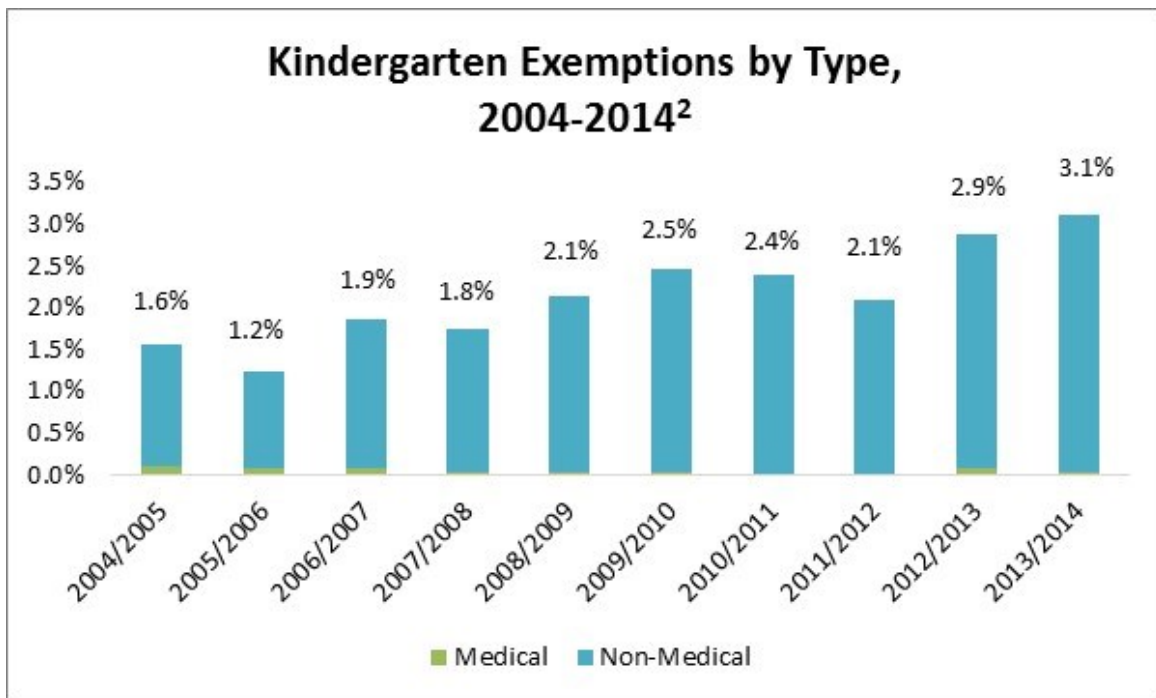
Note: HPV coverage rates include both male and female children in 2014. Previous years reported HPV coverage rates for female children only, which could result in a significant difference between years.

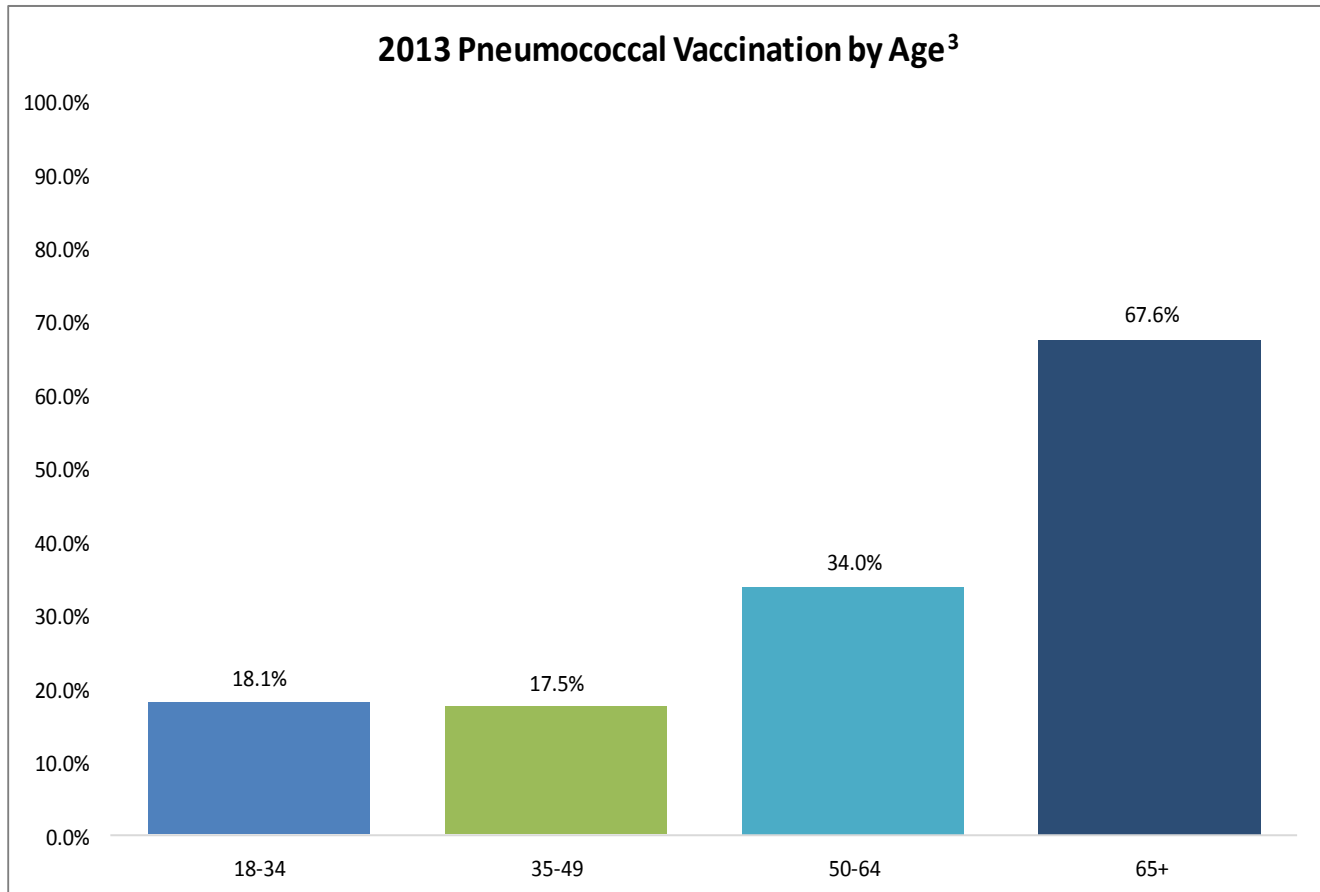
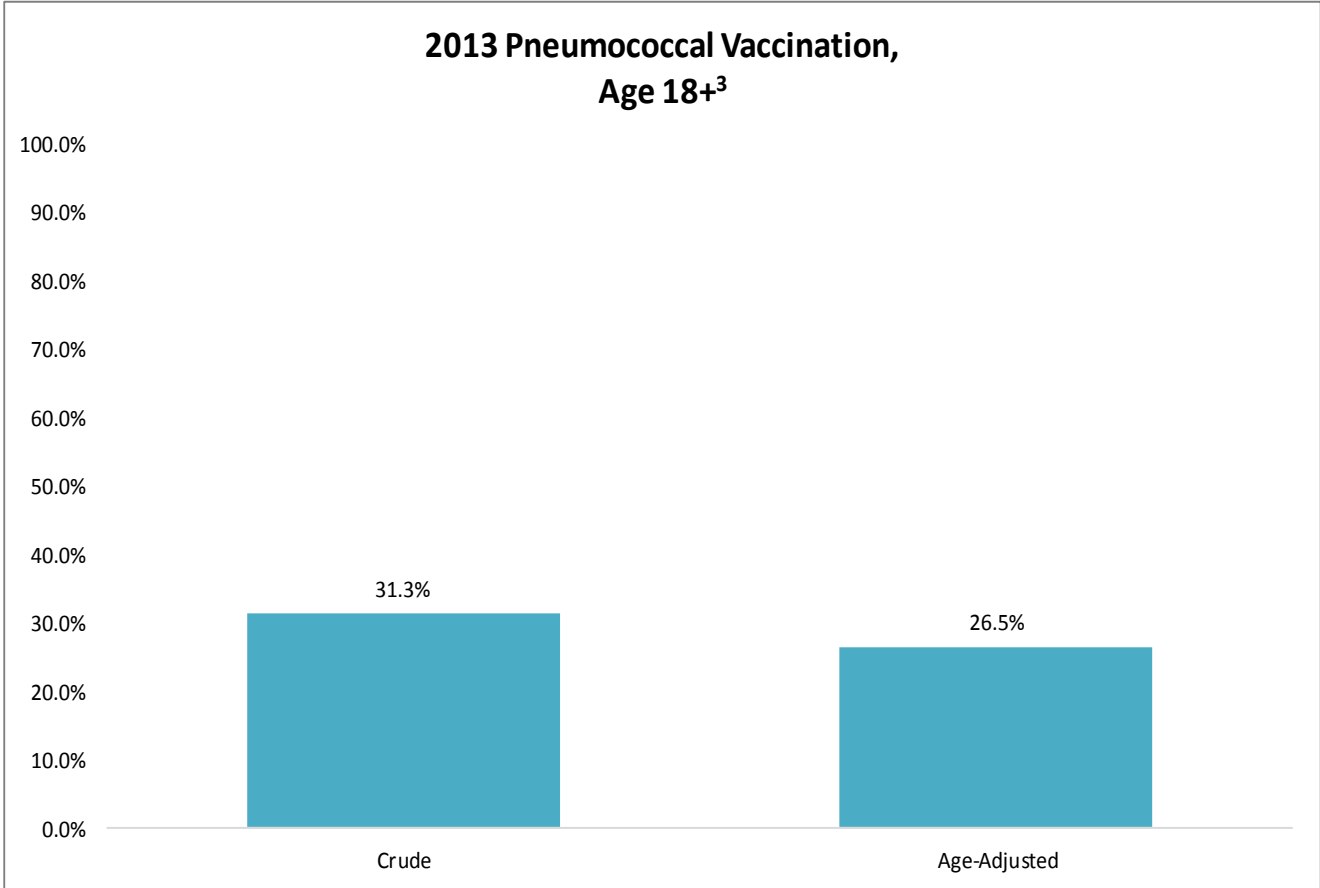
Adequately Immunized by School District 2013²

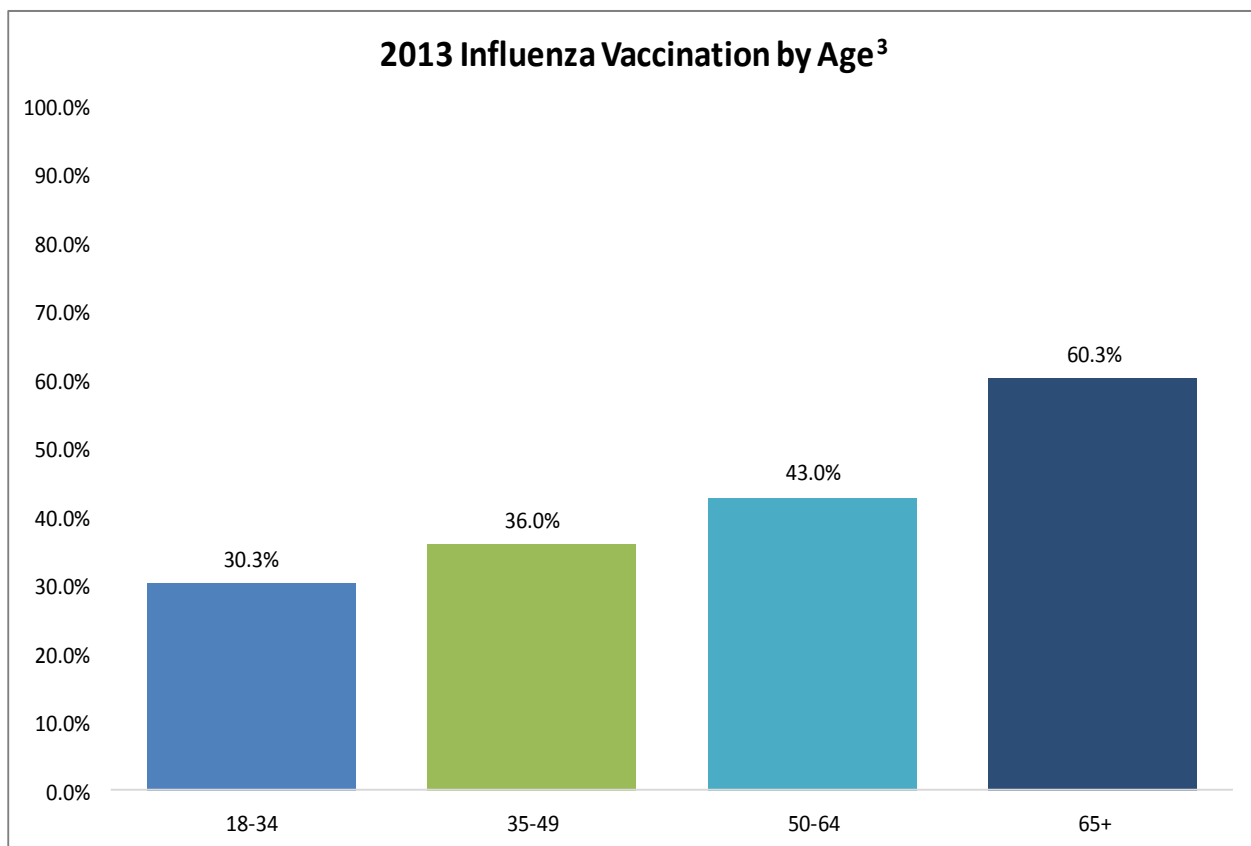
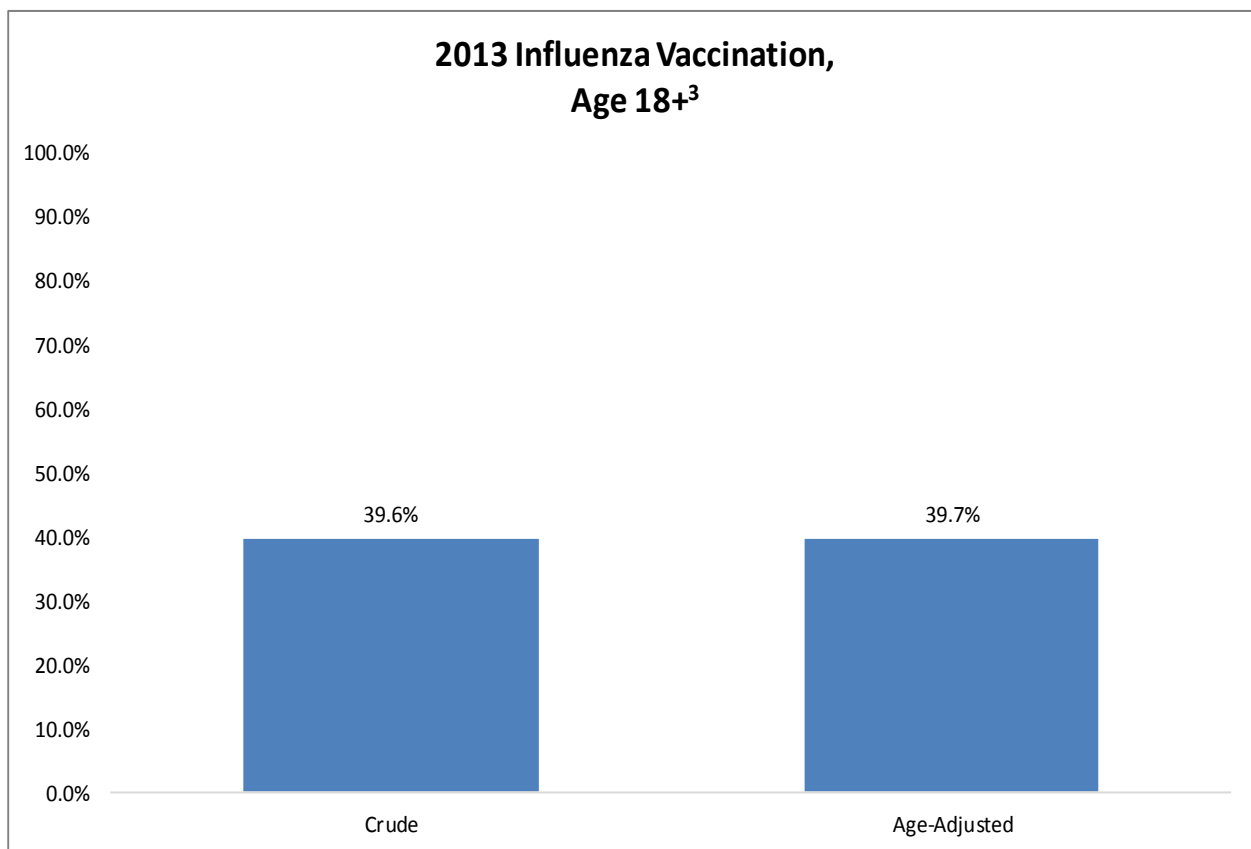
	Morgan		Ogden		Weber	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	96.5%	2.0%	91.4%	1.6%	93.3%	2.5%
Second-Dose Measles (K-12)	96.8%	3.1%	97.5%	1.9%	97.9%	1.8%
7th Grade Entry	93.6%	6.4%	94.2%	2.7%	95.7%	2.2%

Immunized for Child Care 2013²

	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	91.5%	1.8%
Head Start Centers	94.0%	0.8%







Appendix A: AFIX (Assessment, Feedback, Incentive, eXchange)

The Utah Immunization Program (UIP) provides quality feedback to providers regarding its yearly immunization rate assessments through a program called AFIX (Assessment, Feedback, Incentive, eXchange).

Our goals for 2014 have been to focus on the adolescent population and specifically to focus on adolescent providers who have not previously received an AFIX visit. All offices receive an HPV packet, and UIP staff review the clinic or facility HPV rates. Providers are given suggestions on how to improve these rates, specifically focusing on reminder recall for the second and third doses of HPV as well as focusing on the conversation with parents regarding the HPV vaccine.

As of September 29, 2014, 48 AFIX visits were conducted. Visits included an in-depth feedback session as well as follow-up within six months of the visit. Rates are compared again at the six-month visit. Feedback sessions provide an opportunity for office staff to discuss strategies for improving immunization coverage rates with UIP staff. UIP staff is available to provide suggestions and data, but ultimately, each clinic must decide what activities are appropriate to increase the vaccination coverage levels in their clinic. Some of the most common goals included:

- Reminder to schedule dose 2 and dose 3 of HPV series;
- Running reminder/recall reports for children needing the 4th DTaP;
- Running a USIIS batch forecast list for all patients coming in that day;
- Utilizing the USIIS forecast to determine what immunizations should be administered;
- Vaccinating at all visits, including sick visits (focusing on Missed Opportunities);
- Remembering to document Varicella vaccination or disease history and to remind of 2nd Varicella; and
- Scheduling the next visit before the patient leaves.

IMMUNIZATION REPORT FOR LONG-TERM CARE FACILITIES

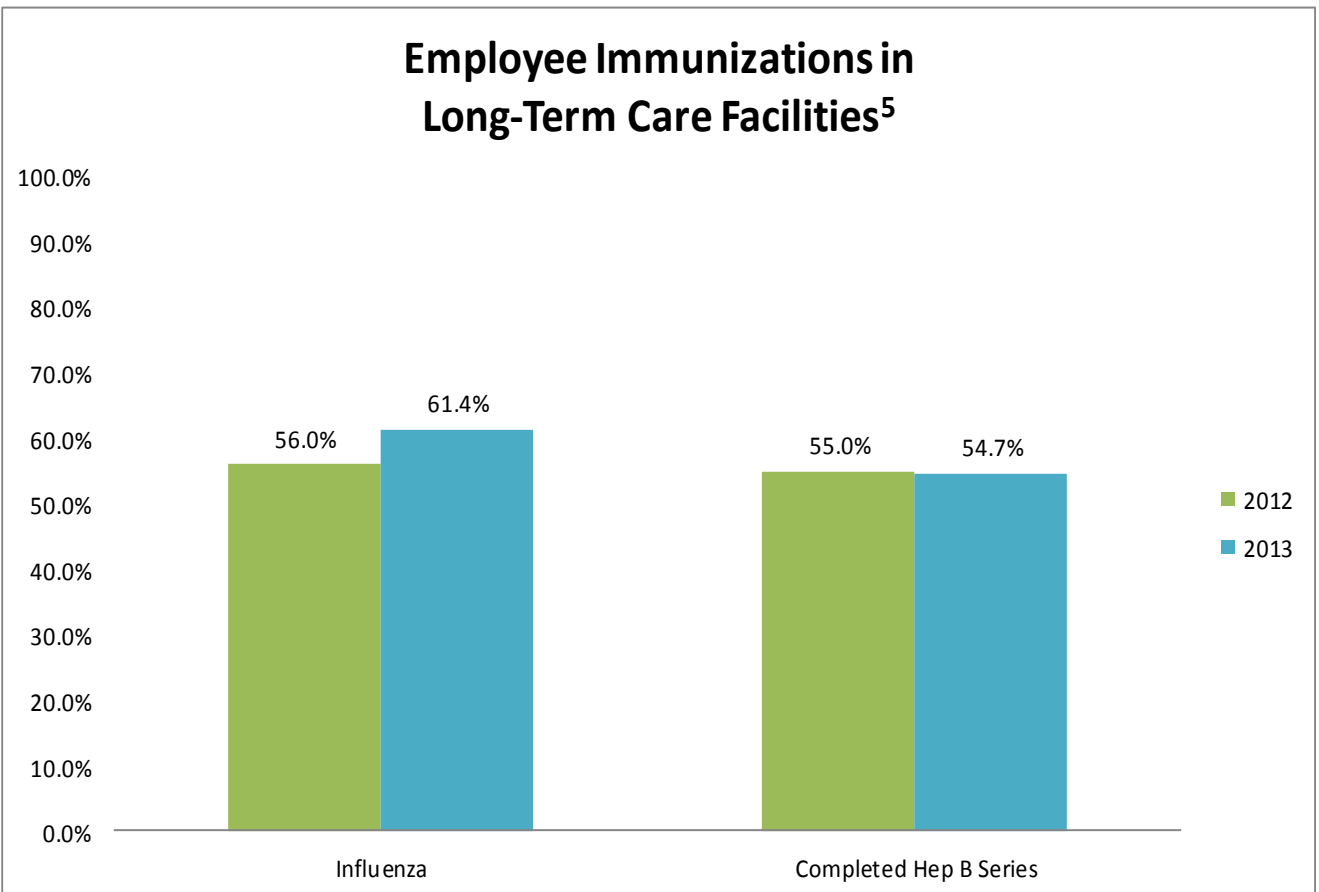
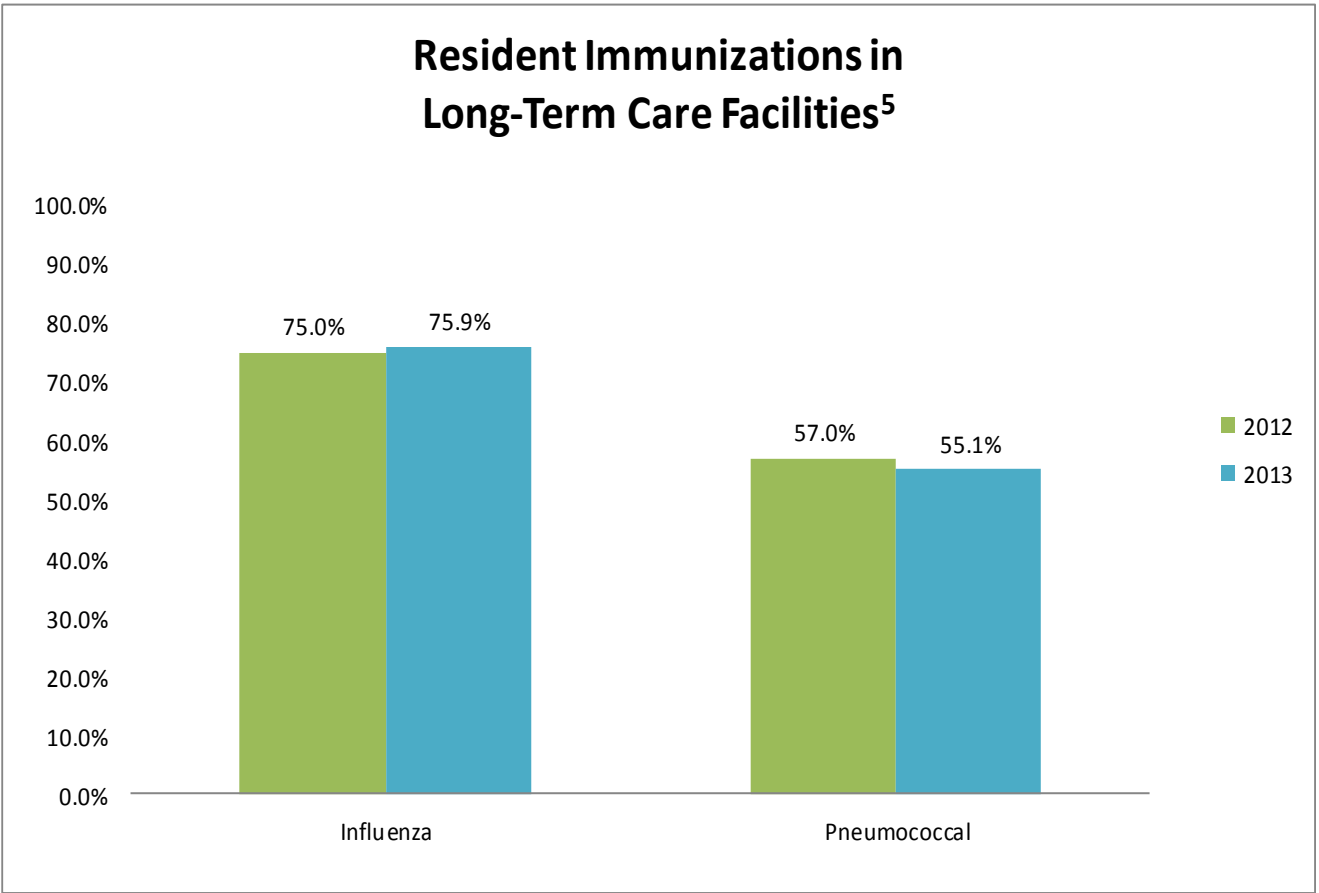
Long-term care facilities are required to report the influenza and pneumococcal immunization status of patients and the influenza and hepatitis B immunization status of employees to the Utah Immunization Program. Completion of the annual report is necessary to prevent sanctioning of a facility’s license.

The report includes persons who are residents or employees of a facility between October 1 and December 31 of the survey year. The survey is completed online no later than January 31 of the following year. Facilities reporting includes hospitals (swing beds and transitional care beds), nursing care facilities, small healthcare facilities, and type I and type II assisted living facilities. All 327 of the care facilities now operating reported for 2013.

The portion of the survey reported here is as follows:

- *Influenza (flu) immunizations:* given during the reporting time period for residents and employees;
- *Pneumococcal immunizations:* given at any time for residents only; and
- *Hepatitis B immunizations:* given at any time to an employee having direct patient contact.

State of Utah: 327 Facilities			
Residents and Employees Immunized in Long-term Care Facilities			
Residents	Total	Flu	Pneumococcal
	17,616	75.9%	55.1%
All Employees	Total	Flu	Hepatitis B
	20,175	61.4%	N/A
Employees with Direct Patient Care	15,365	N/A	54.7%



Bear River Service Area: 20 Facilities

Residents	Number	Flu	Pneumococcal
	873	77.3%	60.1%
All Employees	Number	Flu	Hepatitis B
	1,055	59.3%	N/A
Employees with Direct Patient Care	742	N/A	61.7%

Central Service Area: 22 Facilities

Residents	Number	Flu	Pneumococcal
	500	84.2%	67.2%
All Employees	Number	Flu	Hepatitis B
	1,352	87.9%	N/A
Employees with Direct Patient Care	966	N/A	74.7%

Davis County: 27 Facilities

Residents	Number	Flu	Pneumococcal
	2,127	74.1%	47.2%
All Employees	Number	Flu	Hepatitis B
	2,017	70.0%	N/A
Employees with Direct Patient Care	1,466	N/A	57.9%

Salt Lake County: 97 Facilities

Residents	Number	Flu	Pneumococcal
	6,779	76.4%	53.9%
All Employees	Number	Flu	Hepatitis B
	6,225	56.8%	N/A
Employees with Direct Patient Care	4,942	N/A	42.1%

Southeastern Service Area: 9 Facilities

Residents	Number	Flu	Pneumococcal
	308	76.0%	57.8%
All Employees	Number	Flu	Hepatitis B
	852	78.4%	N/A
Employees with Direct Patient Care	597	N/A	74.4%

Southwest Service Area: 42 Facilities

Residents	Number	Flu	Pneumococcal
	1,807	67.6%	44.7%
All Employees	Number	Flu	Hepatitis B
	2,033	64.1%	N/A
Employees with Direct Patient Care	1,507	N/A	55.7%

Summit County: 2 Facilities

Residents	Number	Flu	Pneumococcal
	40	85.0%	0.0%
All Employees	Number	Flu	Hepatitis B
	37	48.6%	N/A
Employees with Direct Patient Care	26	N/A	11.5%

Tooele County: 5 Facilities

Residents	Number	Flu	Pneumococcal
	146	86.3%	63.0%
All Employees	Number	Flu	Hepatitis B
	676	74.6%	N/A
Employees with Direct Patient Care	447	N/A	81.2%

TriCounty Service Area: 7 Facilities

Residents	Number	Flu	Pneumococcal
	268	66.8%	43.7%
All Employees	Number	Flu	Hepatitis B
	638	68.7%	N/A
Employees with Direct Patient Care	461	N/A	78.7%

Utah County: 69 Facilities

Residents	Number	Flu	Pneumococcal
	2,865	79.0%	59.8%
All Employees	Number	Flu	Hepatitis B
	3,415	48.1%	N/A
Employees with Direct Patient Care	2,752	N/A	54.9%

Wasatch County: 3 Facilities

Residents	Number	Flu	Pneumococcal
	90	83.3%	90.0%
All Employees	Number	Flu	Hepatitis B
	196	81.6%	N/A
Employees with Direct Patient Care	156	N/A	7.7%

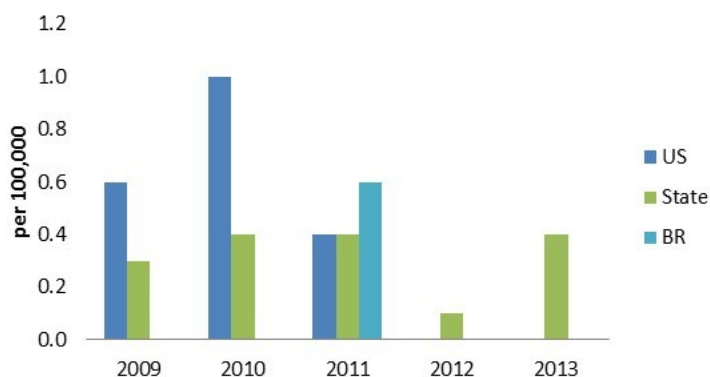
Weber-Morgan Service Area: 24 Facilities

Residents	Number	Flu	Pneumococcal
	1,813	76.3%	65.8%
All Employees	Number	Flu	Hepatitis B
	1,679	53.4%	N/A
Employees with Direct Patient Care	1,303	N/A	58.2%

Bear River Service Area

Hepatitis A, Hepatitis B, and Pertussis are preventable through immunization. Trends in vaccine-preventable diseases are tracked with the intent that the data can be helpful in developing collaborative immunization campaign efforts. The following data were provided by the Bureau of Epidemiology, Utah Department of Health, for statewide and local health districts. National data were obtained from the CDC. The 2013 U.S. rates were estimated from CDC provisional data. U.S. data from 2013 should be viewed as only an estimate. Pertussis incidence is an estimate based on numbers reported to date and could be much higher.

Hep A Incidence 2009-2013

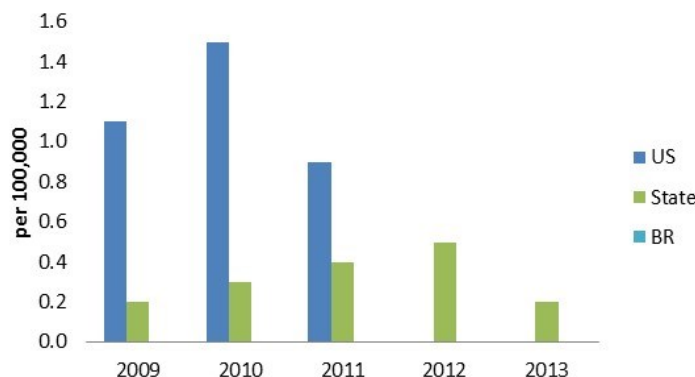


Hepatitis A			
Year	U.S.	Utah	BR
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.6
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

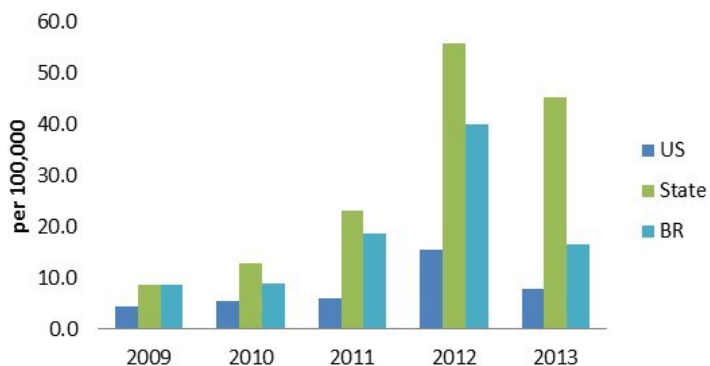
Hepatitis B

Year	U.S.	Utah	BR
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



Pertussis Incidence 2009-2013

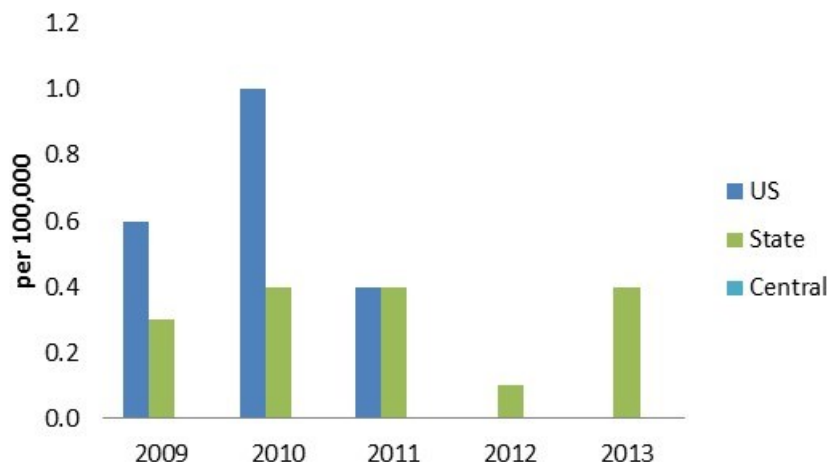


Pertussis

Year	U.S.	Utah	BR
2009	4.4	8.7	8.6
2010	5.5	12.7	9.0
2011	6.0	23.2	18.5
2012	15.4	55.7	39.8
2013	7.7	45.1	16.5

Central Utah Service Area

Hep A Incidence 2009-2013

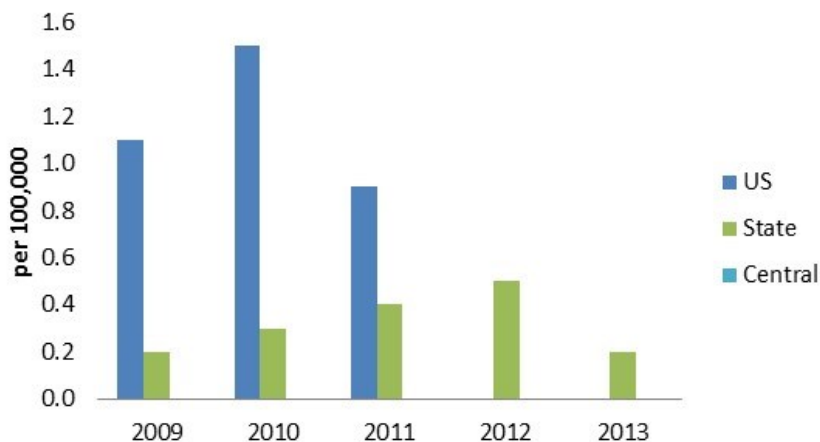


Hepatitis A			
Year	U.S.	Utah	Central
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

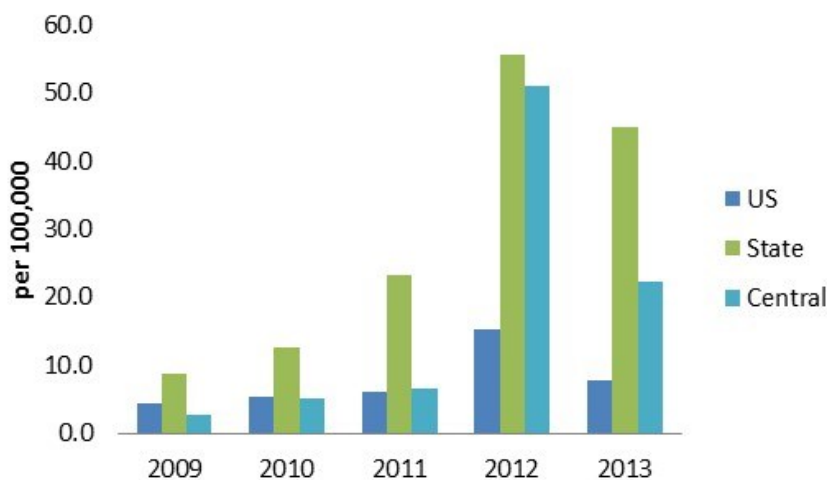
Hepatitis B

Year	U.S.	Utah	Central
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



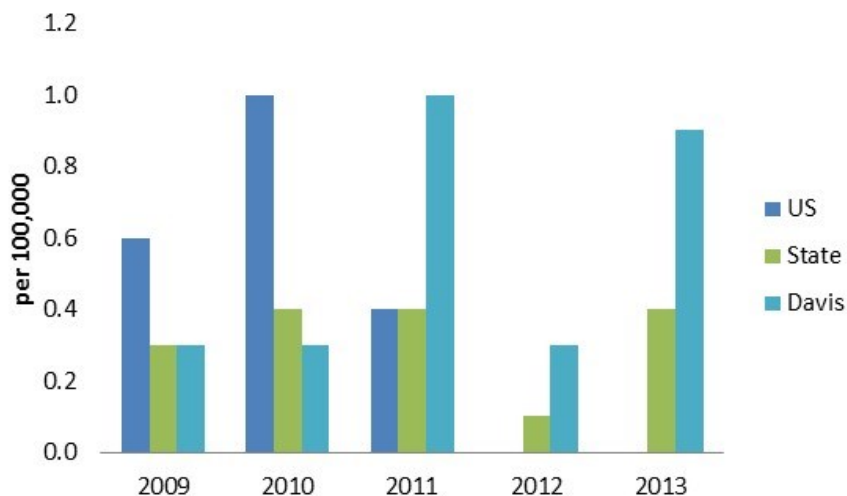
Pertussis Incidence 2009-2013



Pertussis			
Year	U.S.	Utah	Central
2009	4.4	8.7	2.6
2010	5.5	12.7	5.2
2011	6.0	23.2	6.5
2012	15.4	55.7	51.0
2013	7.7	45.1	22.3

Davis County

Hep A Incidence 2009-2013

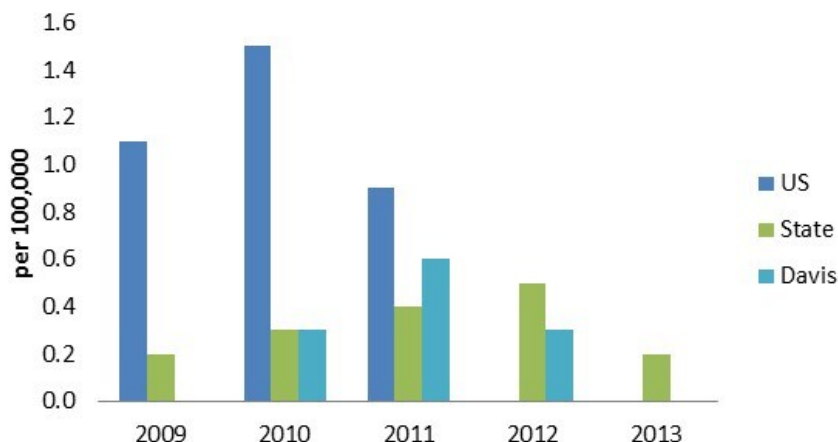


Hepatitis A			
Year	U.S.	Utah	Davis
2009	0.6	0.3	0.3
2010	1.0	0.4	0.3
2011	0.4	0.4	1.0
2012	N/A	0.1	0.3
2013	N/A	0.4	0.9

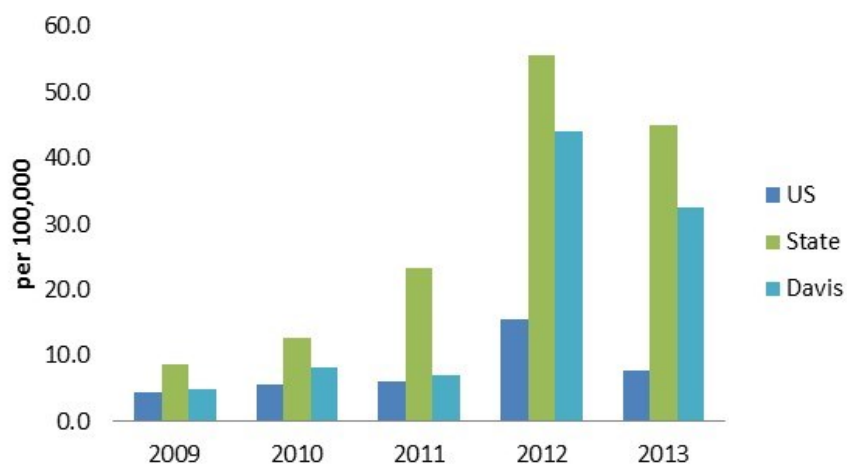
Hepatitis B

Year	U.S.	Utah	Davis
2009	1.1	0.2	0.0
2010	1.5	0.3	0.3
2011	0.9	0.4	0.6
2012	N/A	0.5	0.3
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



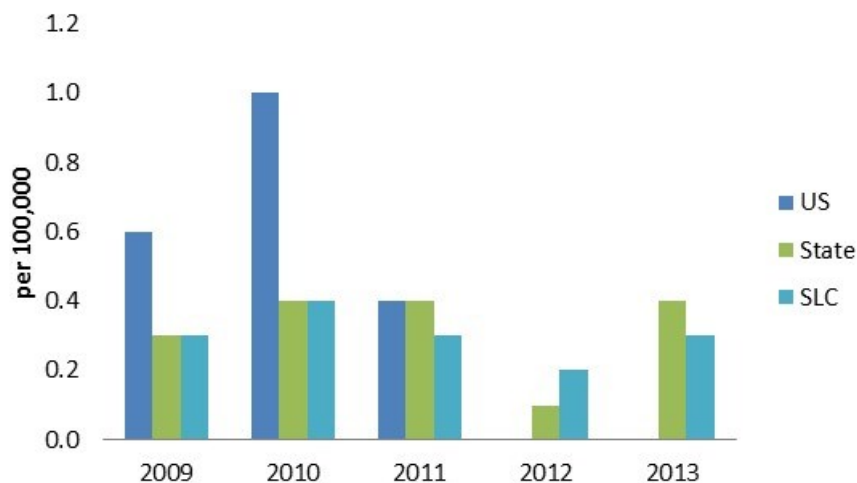
Pertussis Incidence 2009-2013



Pertussis			
Year	U.S.	Utah	Davis
2009	4.4	8.7	5.0
2010	5.5	12.7	8.1
2011	6.0	23.2	7.1
2012	15.4	55.7	44.0
2013	7.7	45.1	32.6

Salt Lake County

Hep A Incidence 2009-2013

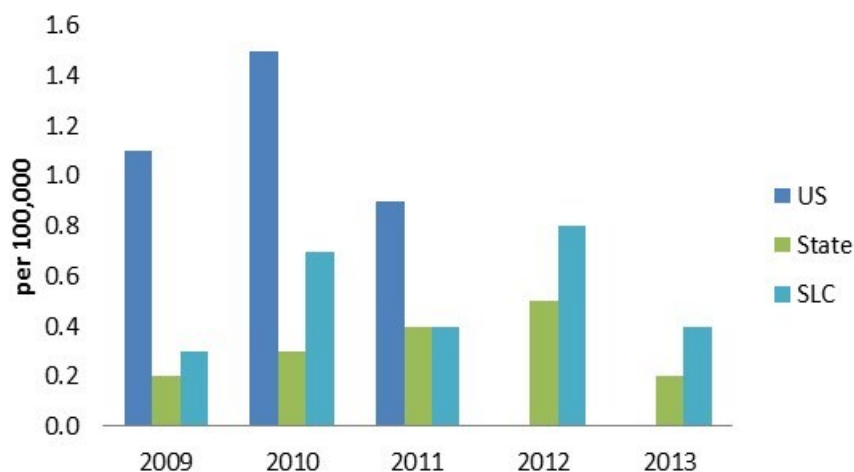


Hepatitis A			
Year	U.S.	Utah	SLC
2009	0.6	0.3	0.3
2010	1.0	0.4	0.4
2011	0.4	0.4	0.3
2012	N/A	0.1	0.2
2013	N/A	0.4	0.3

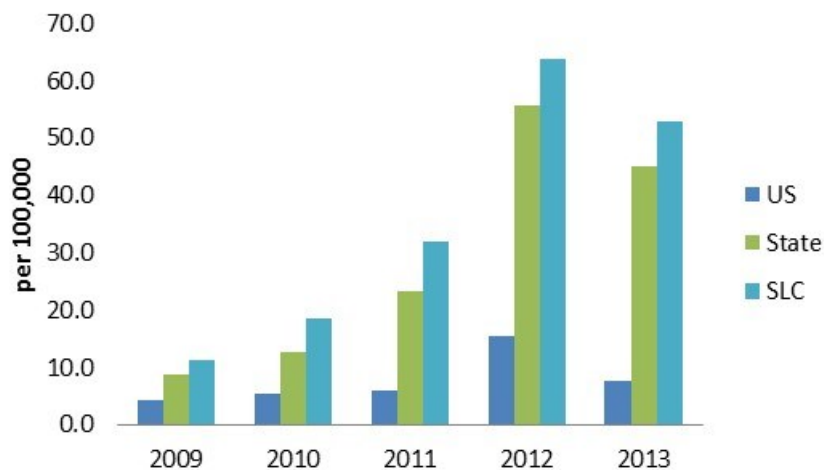
Hepatitis B

Year	U.S.	Utah	SLC
2009	1.1	0.2	0.3
2010	1.5	0.3	0.7
2011	0.9	0.4	0.4
2012	N/A	0.5	0.8
2013	N/A	0.2	0.4

Hep B Incidence 2009-2013



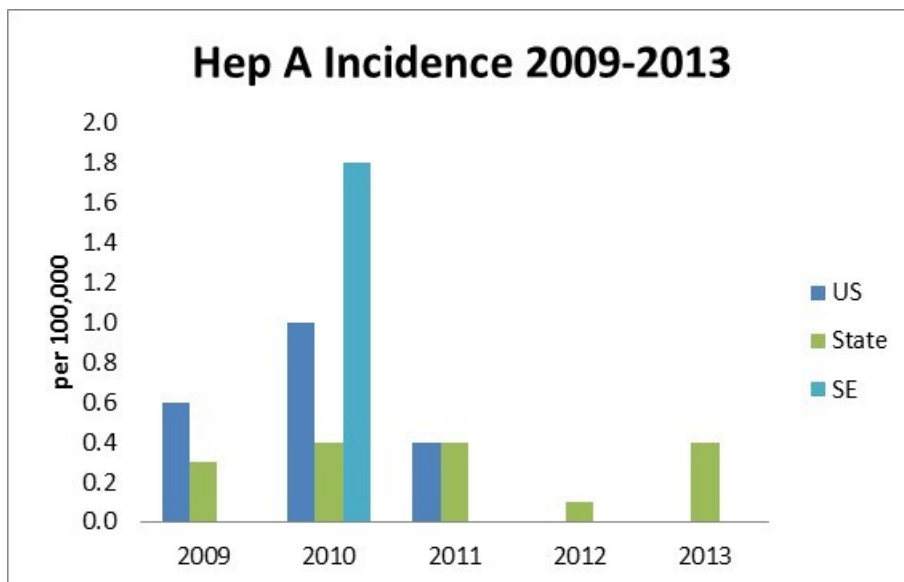
Pertussis Incidence 2009-2013



Pertussis

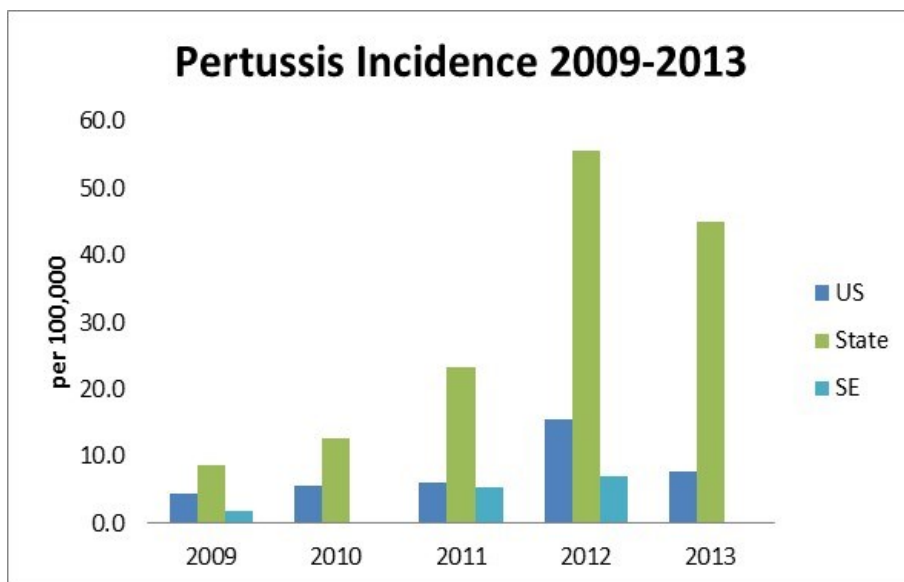
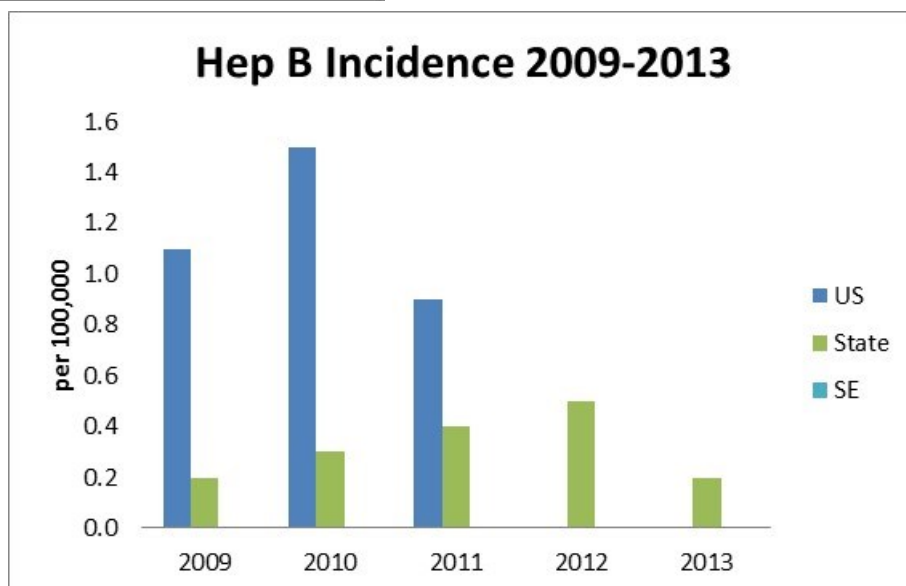
Year	U.S.	Utah	SLC
2009	4.4	8.7	11.3
2010	5.5	12.7	18.6
2011	6.0	23.2	31.9
2012	15.4	55.7	63.9
2013	7.7	45.1	52.9

Southeastern Utah Service Area



Hepatitis A			
Year	U.S.	Utah	SE
2009	0.6	0.3	0.0
2010	1.0	0.4	1.8
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

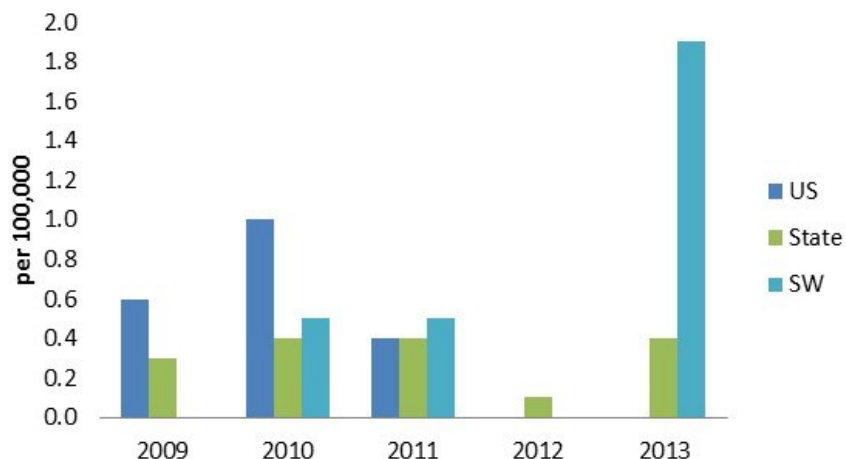
Hepatitis B			
Year	U.S.	Utah	SE
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0



Pertussis			
Year	U.S.	Utah	SE
2009	4.4	8.7	1.8
2010	5.5	12.7	0.0
2011	6.0	23.2	5.3
2012	15.4	55.7	7.0
2013	7.7	45.1	0.0

Southwest Utah Service Area

Hep A Incidence 2009-2013

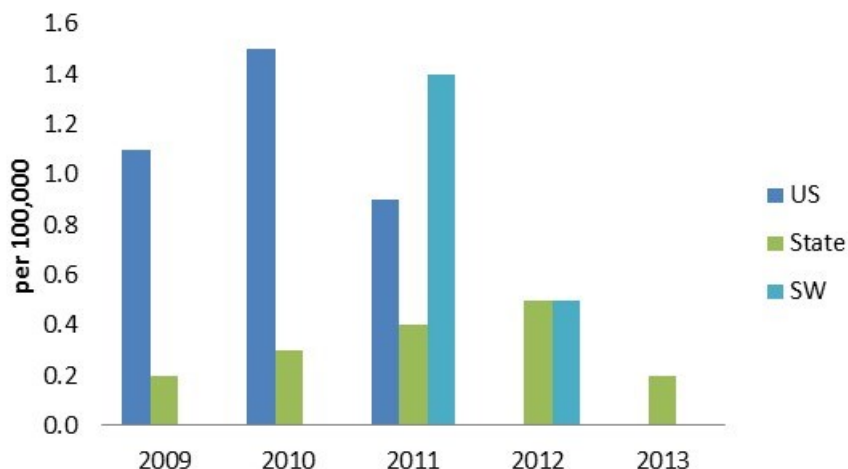


Hepatitis A			
Year	U.S.	Utah	SW
2009	0.6	0.3	0.0
2010	1.0	0.4	0.5
2011	0.4	0.4	0.5
2012	N/A	0.1	0.0
2013	N/A	0.4	1.9

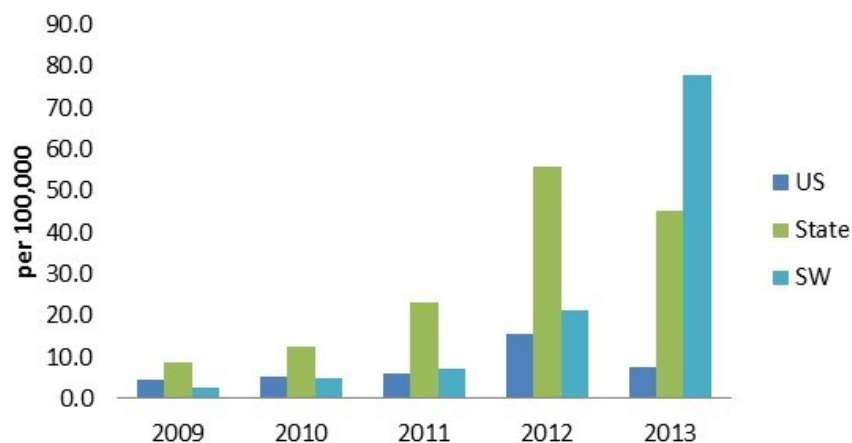
Hepatitis B

Year	U.S.	Utah	SW
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	1.4
2012	N/A	0.5	0.5
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



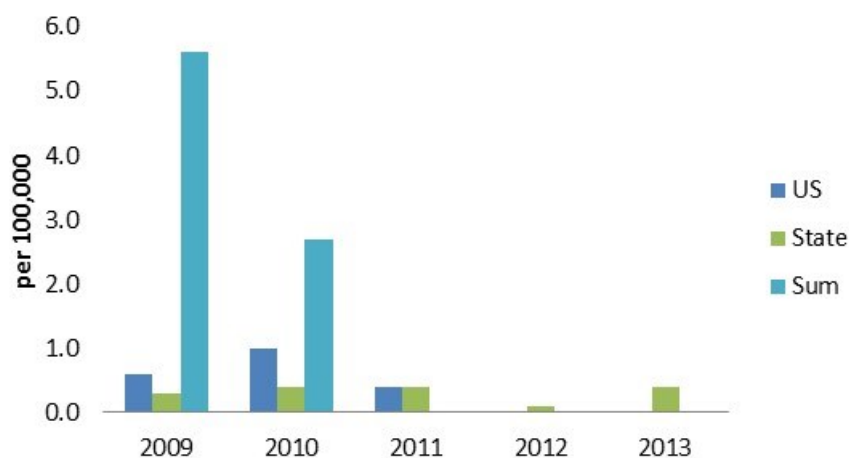
Pertussis Incidence 2009-2013



Pertussis			
Year	U.S.	Utah	SW
2009	4.4	8.7	2.5
2010	5.5	12.7	4.9
2011	6.0	23.2	7.2
2012	15.4	55.7	21.3
2013	7.7	45.1	77.8

Summit County

Hep A Incidence 2009-2013

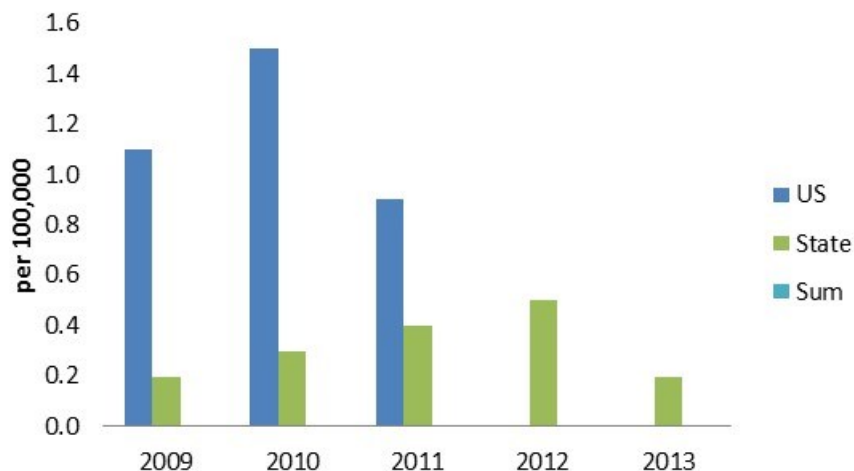


Hepatitis A			
Year	U.S.	Utah	Summit
2009	0.6	0.3	5.6
2010	1.0	0.4	2.7
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

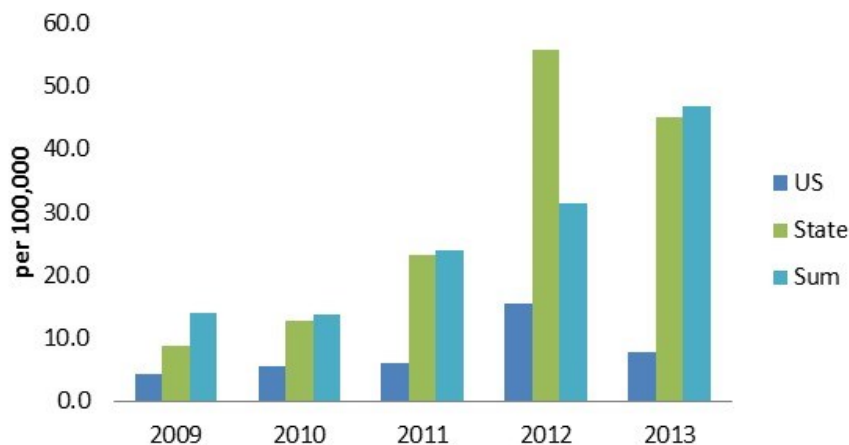
Hepatitis B

Year	U.S.	Utah	Summit
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



Pertussis Incidence 2009-2013

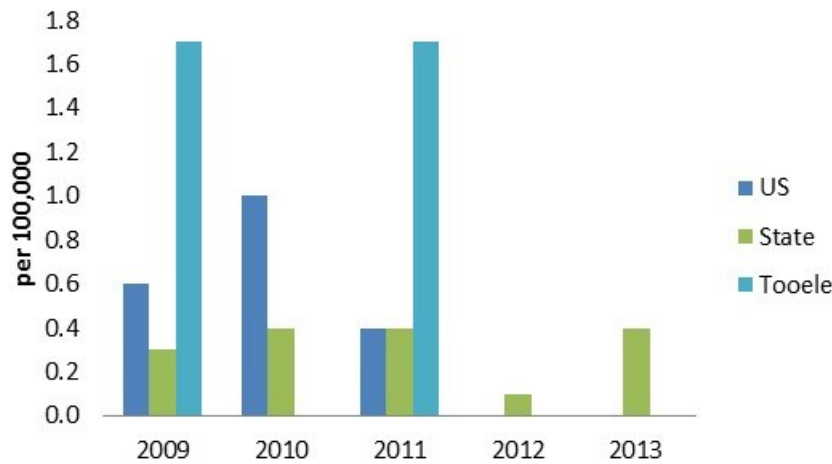


Pertussis

Year	U.S.	Utah	Summit
2009	4.4	8.7	13.9
2010	5.5	12.7	13.7
2011	6.0	23.2	23.9
2012	15.4	55.7	31.5
2013	7.7	45.1	46.8

Tooele County

Hep A Incidence 2009-2013

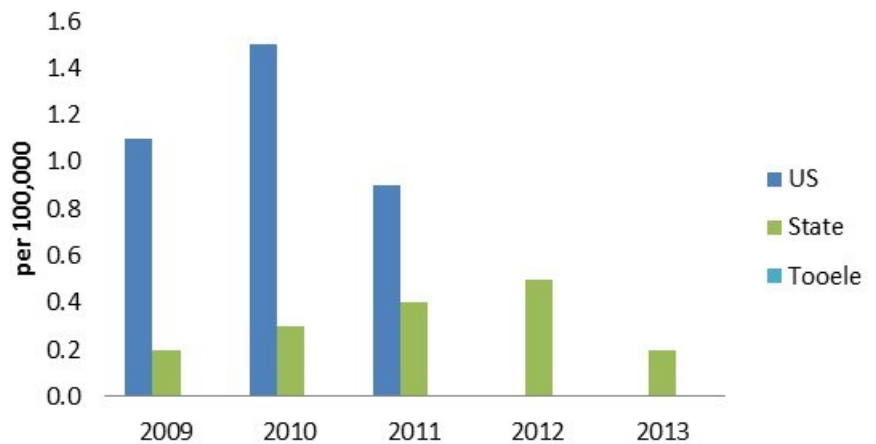


Hepatitis A			
Year	U.S.	Utah	Tooele
2009	0.6	0.3	1.7
2010	1.0	0.4	0.0
2011	0.4	0.4	1.7
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

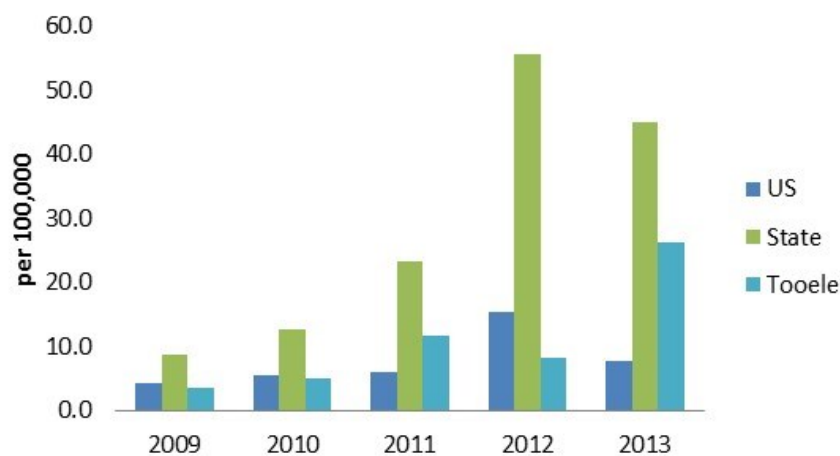
Hepatitis B

Year	U.S.	Utah	Tooele
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



Pertussis Incidence 2009-2013

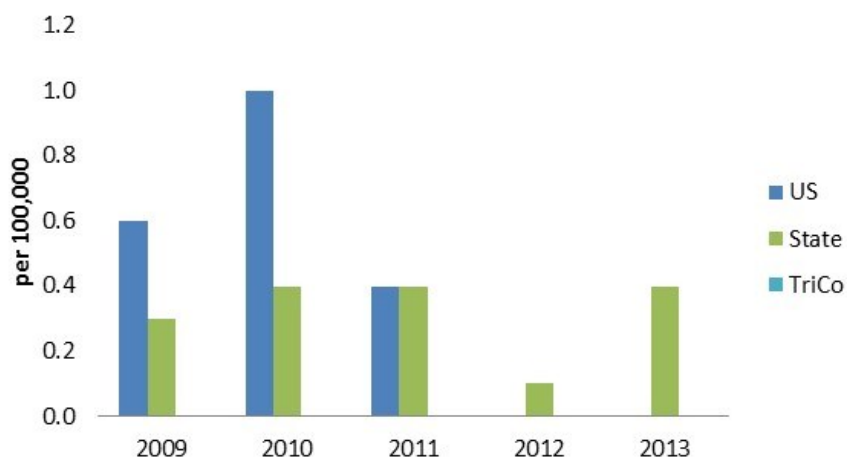


Pertussis

Year	U.S.	Utah	Tooele
2009	4.4	8.7	3.5
2010	5.5	12.7	5.1
2011	6.0	23.2	11.8
2012	15.4	55.7	8.3
2013	7.7	45.1	26.3

TriCounty Service Area

Hep A Incidence 2009-2013

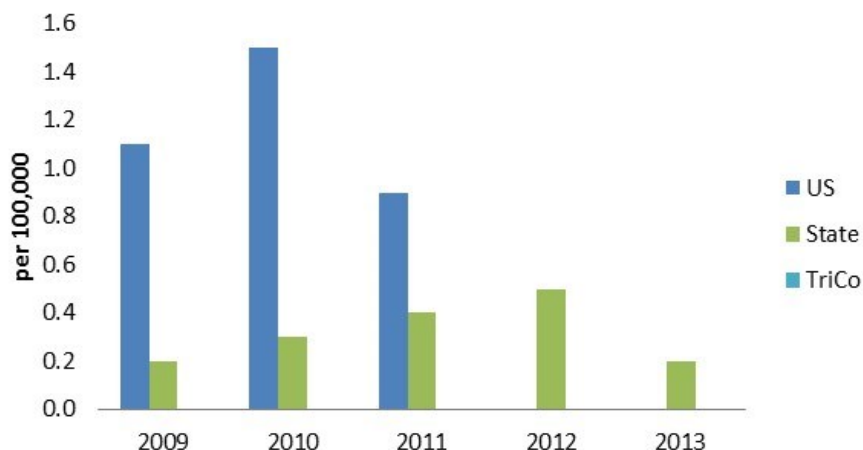


Hepatitis A			
Year	U.S.	Utah	TriCo
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

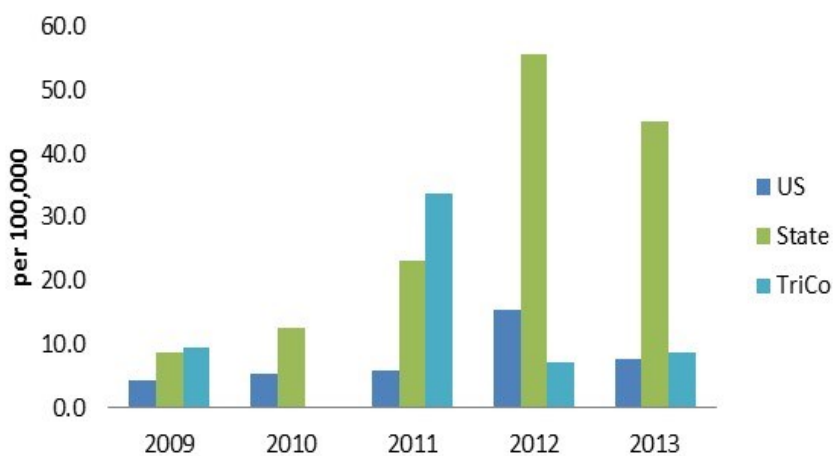
Hepatitis B

Year	U.S.	Utah	TriCo
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



Pertussis Incidence 2009-2013

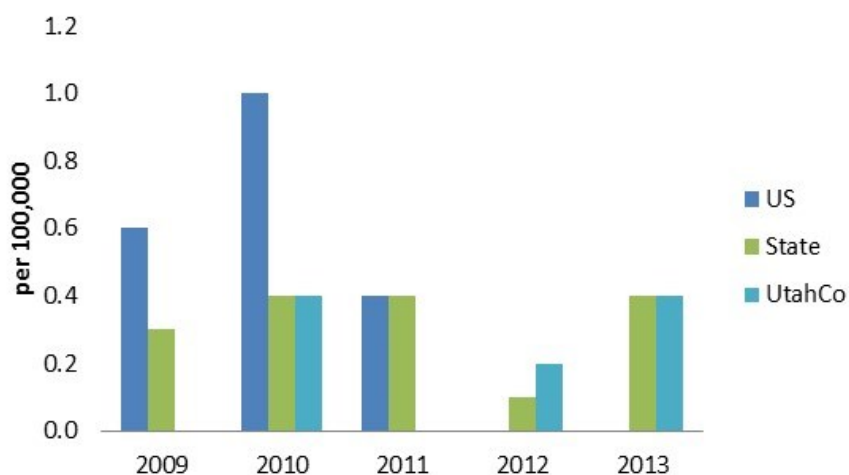


Pertussis

Year	U.S.	Utah	TriCo
2009	4.4	8.7	9.5
2010	5.5	12.7	0.0
2011	6.0	23.2	33.6
2012	15.4	55.7	7.2
2013	7.7	45.1	8.8

Utah County

Hep A Incidence 2009-2013

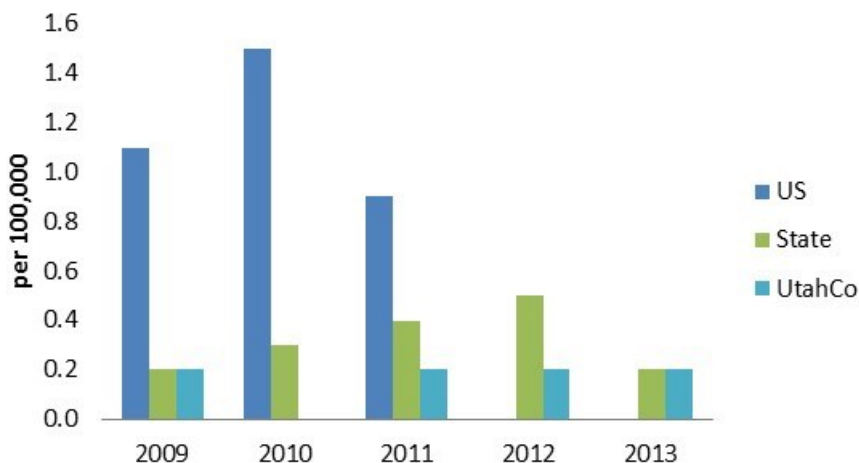


Hepatitis A			
Year	U.S.	Utah	Utah Co
2009	0.6	0.3	0.0
2010	1.0	0.4	0.4
2011	0.4	0.4	0.0
2012	N/A	0.1	0.2
2013	N/A	0.4	0.4

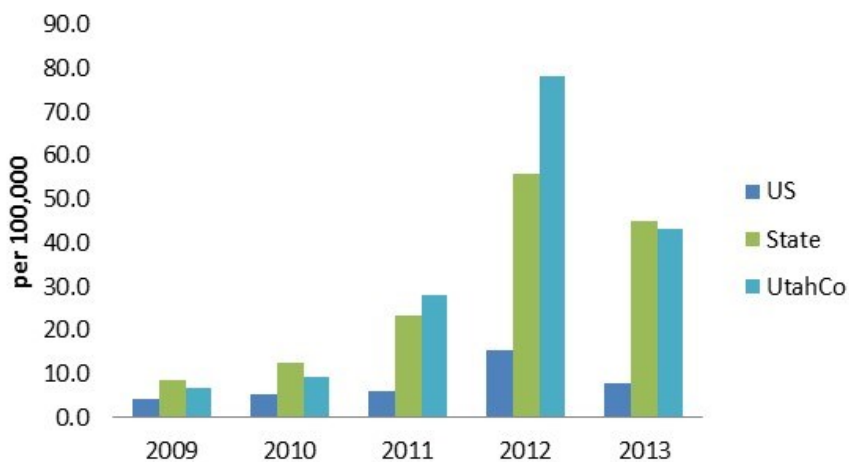
Hepatitis B

Year	U.S.	Utah	Utah Co
2009	1.1	0.2	0.2
2010	1.5	0.3	0.0
2011	0.9	0.4	0.2
2012	N/A	0.5	0.2
2013	N/A	0.2	0.2

Hep B Incidence 2009-2013



Pertussis Incidence 2009-2013

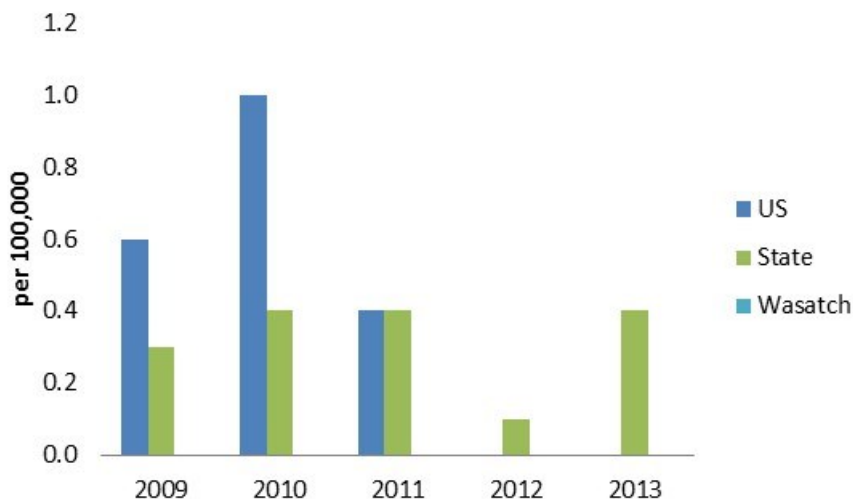


Pertussis

Year	U.S.	Utah	Utah Co
2009	4.4	8.7	6.9
2010	5.5	12.7	9.2
2011	6.0	23.2	27.9
2012	15.4	55.7	78.2
2013	7.7	45.1	43.3

Wasatch County

Hep A Incidence 2009-2013

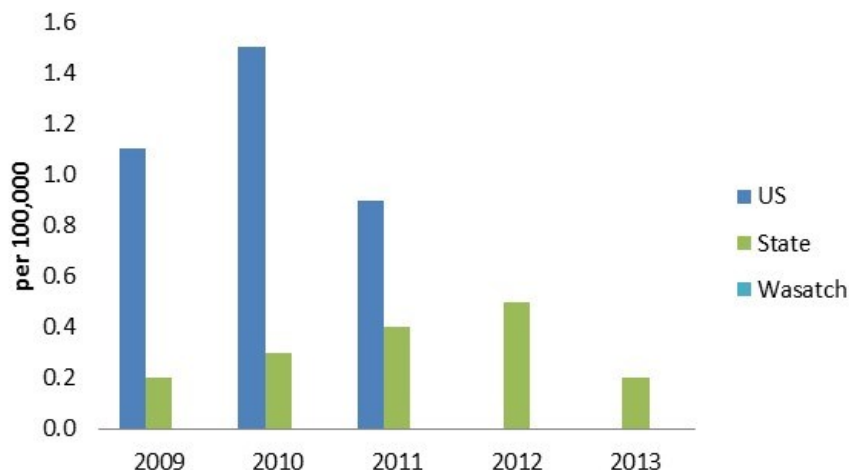


Hepatitis A			
Year	U.S.	Utah	Wasatch
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

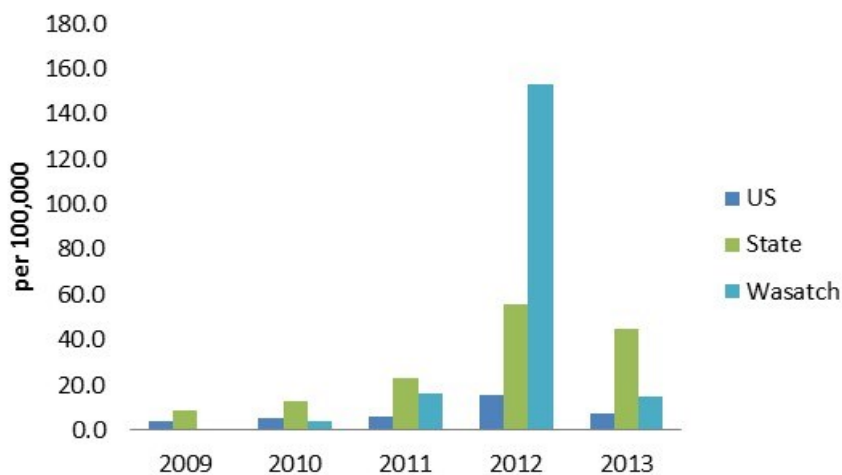
Hepatitis B

Year	U.S.	Utah	Wasatch
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.0
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



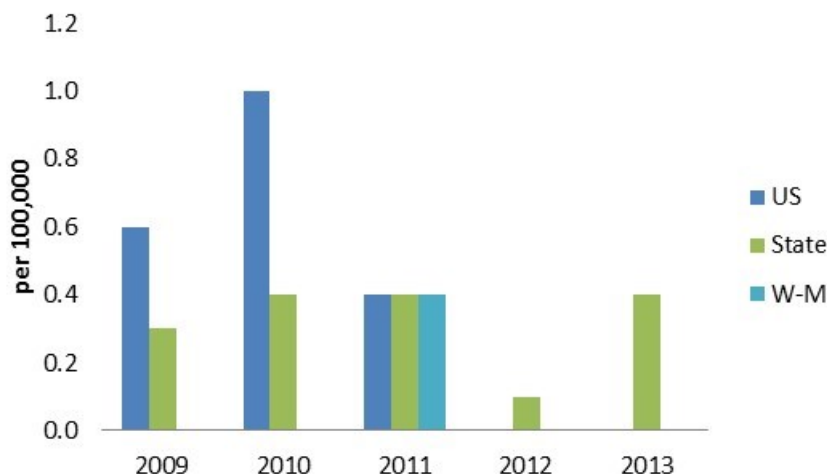
Pertussis Incidence 2009-2013



Pertussis			
Year	U.S.	Utah	Wasatch
2009	4.4	8.7	0.0
2010	5.5	12.7	4.2
2011	6.0	23.2	16.4
2012	15.4	55.7	153.4
2013	7.7	45.1	15.1

Weber-Morgan Service Area

Hep A Incidence 2009-2013

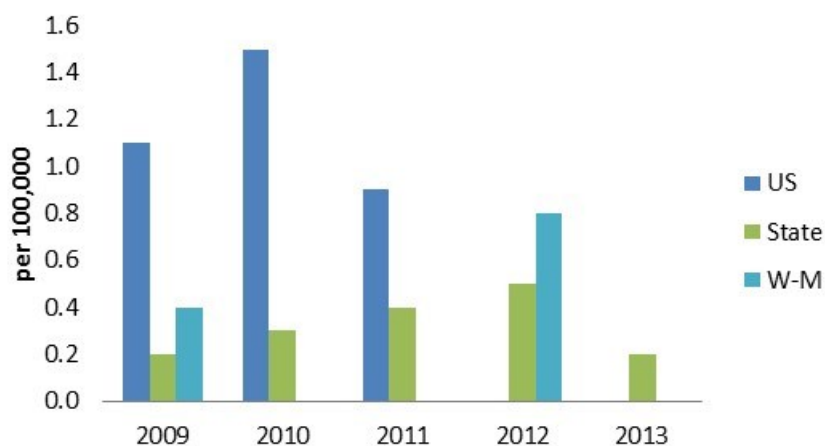


Hepatitis A			
Year	U.S.	Utah	W-M
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.4
2012	N/A	0.1	0.0
2013	N/A	0.4	0.0

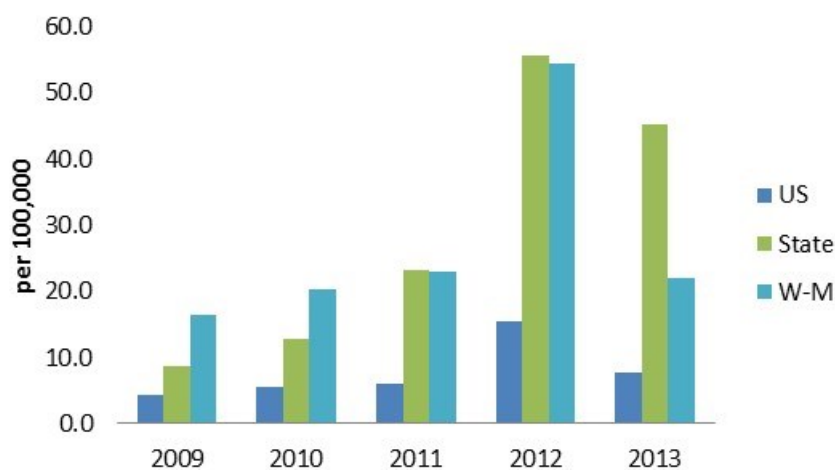
Hepatitis B

Year	U.S.	Utah	W-M
2009	1.1	0.2	0.4
2010	1.5	0.3	0.0
2011	0.9	0.4	0.0
2012	N/A	0.5	0.8
2013	N/A	0.2	0.0

Hep B Incidence 2009-2013



Pertussis Incidence 2009-2013



Pertussis

Year	U.S.	Utah	W-M
2009	4.4	8.7	16.4
2010	5.5	12.7	20.2
2011	6.0	23.2	22.9
2012	15.4	55.7	54.3
2013	7.7	45.1	22.1

1. Centers for Disease Control and Prevention (CDC). July—September 2014. *National Immunization Survey (NIS) 2010-2013*. Retrieved from: <http://www.cdc.gov/vaccines/imz-managers/coverage/imz-coverage.html>.
2. Utah Immunization Program. July 2014. *Child Care Annual Summary Report*. Retrieved from Utah Department of Health.
3. Behavioral Risk Factor Surveillance System (BRFSS). September 2014. Retrieved from Utah Department of Health, Center for Health Data and Informatics.
4. Utah Immunization Program. July 2014. *Child Care Annual Summary Report, Kindergarten*. Retrieved from Utah Department of Health.
5. Utah Immunization Program. August 2014. *Long-Term Care Report*. Retrieved from Utah Department of Health.
6. Utah Statewide Immunization Information System (USIIS). September 2014. Retrieved from Utah Department of Health.

Immunization Program, Bureau of Epidemiology

Division of Disease Control and Prevention
Utah Department of Health
PO Box 142001
Salt Lake City, Utah 84114-2001
Phone: 801-538-9450
Fax: 801-538-9440
Website: www.immunize-utah.org

Utah Statewide Immunization Information System, Bureau of Epidemiology

Division of Disease Control and Prevention
Utah Department of Health
Helpline: 801-538-3440 / 800-678-3440
Website: www.usiis.org

Data Resources Program, Maternal and Child Health Bureau

Division of Community and Family Health Services
Utah Department of Health
PO Box 142001
Salt Lake City, Utah 84114-2001
Phone: 801-538-6916
Fax: 801-538-6591
Website: www.health.utah.gov/drp

Other Available Resources

National Immunization Program	www.cdc.gov/vaccines
National Immunization Data and Statistics	www.cdc.gov/vaccines/stats-surv/default.htm
Immunization Action Coalition	www.immunize.org
Healthy People 2020	www.healthypeople.gov
Utah Department of Health	www.health.utah.gov
Utah Maternal and Child Health Bureau	www.health.utah.gov/cfhs/mch
Indicator-Based Information System for Public Health	http://ibis.health.utah.gov
Office of Health Care Statistics	www.health.utah.gov/hda
Utah Medicaid Program	www.health.utah.gov/medicaid

**Utah Department of Health
Immunization Program**

P.O. Box 142001

Salt Lake City, UT 84114-2001

<http://www.immunize-utah.org>

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