

Immunization Coverage Report

State of Utah: 2013



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The *Immunization Coverage Report, State of Utah: 2013*, 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 across the lifespan; particularly, the immunization coverage status for Utah children and adults. Although the report is not comprehensive, it is an attempt to gather immunization data from multiple, pertinent 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 major focus of immunization coverage remains the infant and early childhood population. According to the 2012 National Immunization Survey (NIS), Utah ranked 12th 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. These rates indicate that work remains to achieve the *Healthy People 2020* objective to reduce, eliminate, or maintain elimination of cases of vaccine-preventable diseases. The focus of work continues to identify areas of weakness where efforts can be concentrated to effect significant improvements.

Ongoing efforts to increase childhood immunization levels include a variety of interventions, such as: ensuring that health care 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 help to ensure Utah's children are protected from vaccine-preventable infections now and in the future.

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

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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 health districts*. There are detailed descriptions of data 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 *Reference Notes* listed on page 129. 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.



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 at 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.

Coverage based on the National Immunization Survey (NIS) for children was reported differently in 2010 compared to previous years in large part due to the Haemophilus influenza 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) to previous years. The new measures consider the type of Hib vaccine administered, the addition of 4 pneumococcal doses, and in one case, the removal of Hib from consideration entirely. Utah state-level data are compared to the national average, and rankings for individual vaccines are also reported to give the reader an idea of how well Utah stacks up to other states for the traditional vaccines included in the NIS. Please be aware that some comparative data might be difficult to interpret due to the changes mentioned above.

Utah Statewide Immunization Information System (USIIS): Private Providers and LHDs

The vaccine series used as a standard established by ACIP consists of 4 doses of Diphtheria, Tetanus, Pertussis (DTaP); 3 doses of Polio (IPV); 1 dose of Measles, Mumps, Rubella (MMR); 3 doses of Hib; 3 doses of Hepatitis B, and 1 dose of Varicella. This series is typically written as **4:3:1:3:3:1**.

USIIS records are vital in assisting parents and medical providers in monitoring and ensuring their children and patients are UTD on all immunizations. These electronic records help track patients as they move geographically, change insurance, or change their medical home. Reporting immunization status according to USIIS records consolidates reports from local health departments, community health clinics, and various private providers.

For this report, USIIS data were organized by geographical area according to Local Health Department. Percentages are for 2012 and correspond with the same year as the NIS. The data set includes all children in the database with at least two electronic immunization records. Data limitations include the following factors:

- not all providers participate in USIIS, and it is possible that even among USIIS providers;
- not all vaccinations are entered;
- patient records may be incomplete; and
- patients may receive vaccinations in several different counties over the course of their record.

Therefore, there could be a significant discrepancy between state and local data as state data come from NIS and LHD data come from USIIS. Some LHD areas (private providers, etc.) use USIIS in higher percentages and the data are represented by higher percentages of vaccination rates. This is also the second year USIIS data have been used so extensively for every antigen and immunization series.

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.

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 vaccine-preventable diseases in the U.S.

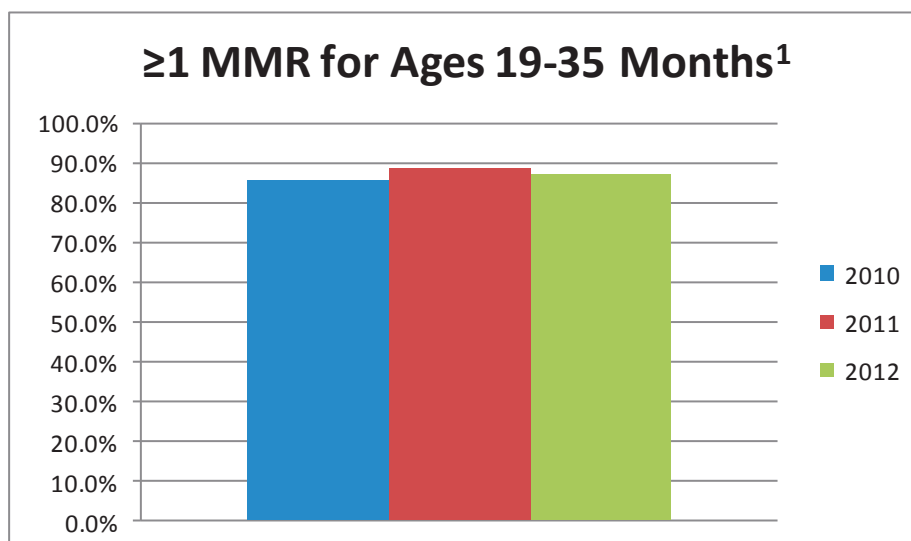
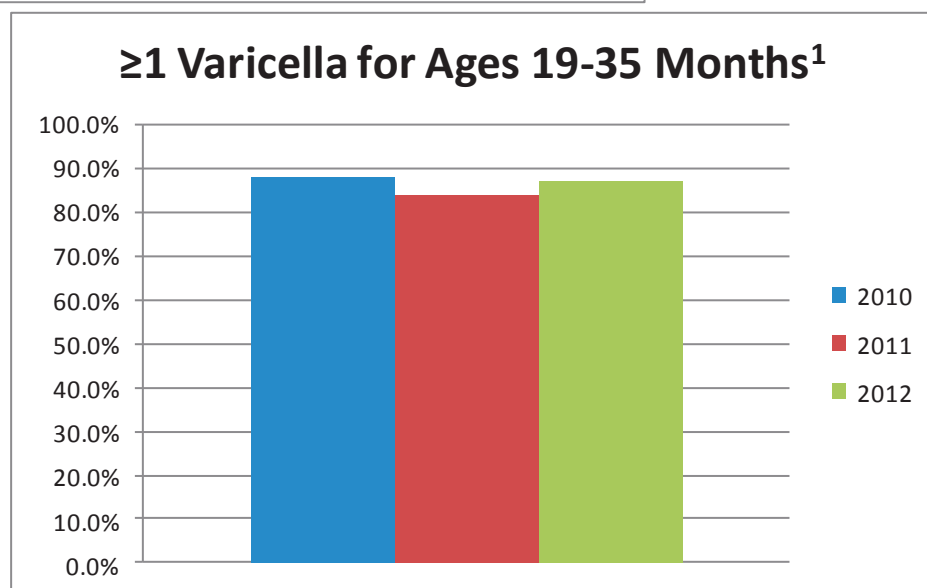
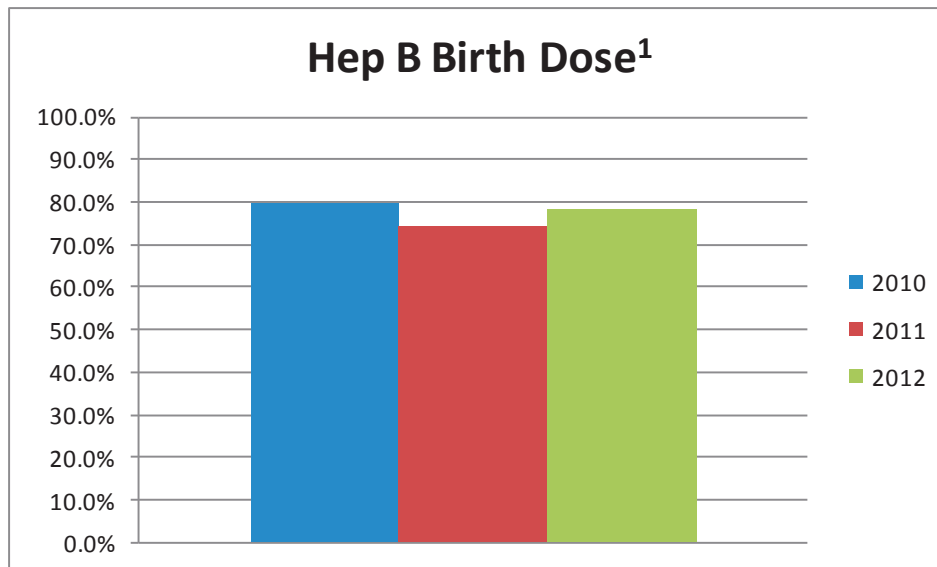
The 2010-2012 Behavioral Risk Factor Surveillance System (BRFSS) survey results on influenza and pneumococcal immunization data are included. These data, by means of a number of different analyses, provide a thorough summary of coverage of influenza and pneumococcal vaccinations for ages 18 and above. *Appendix B* includes 2012 long-term care and assisted living facility immunization information.

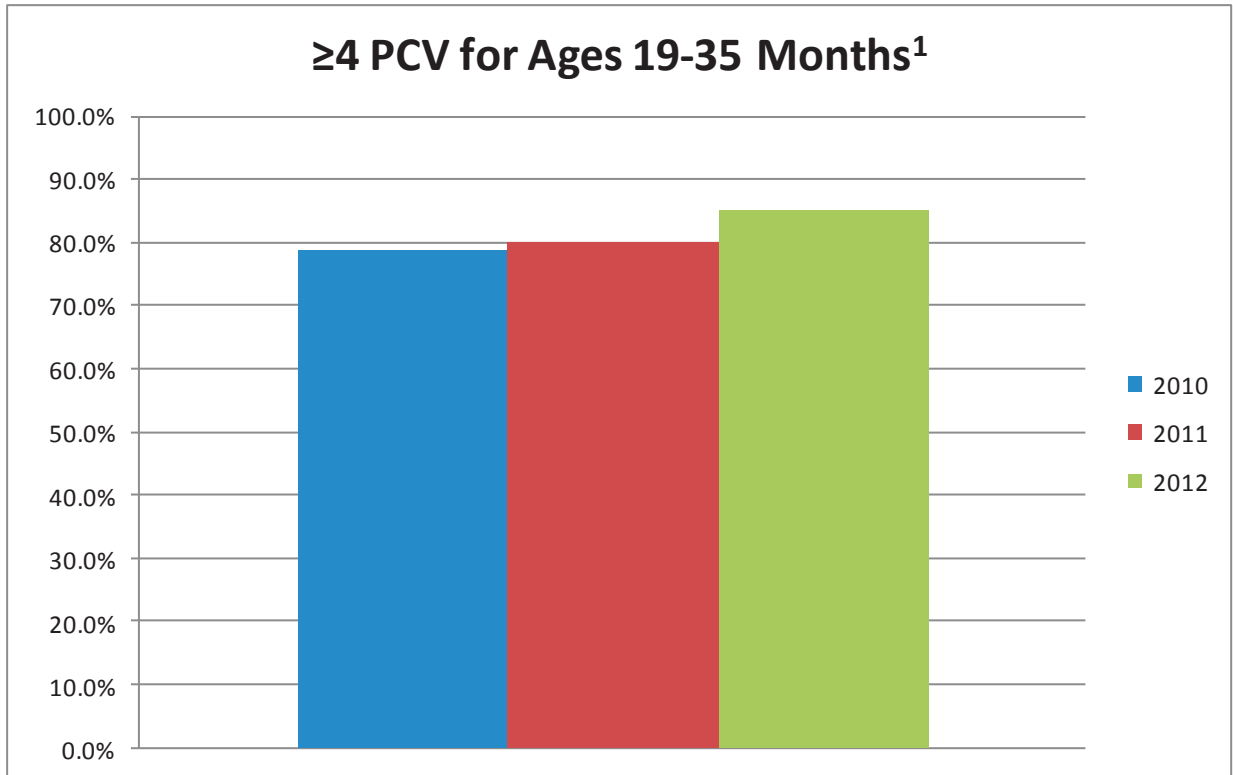
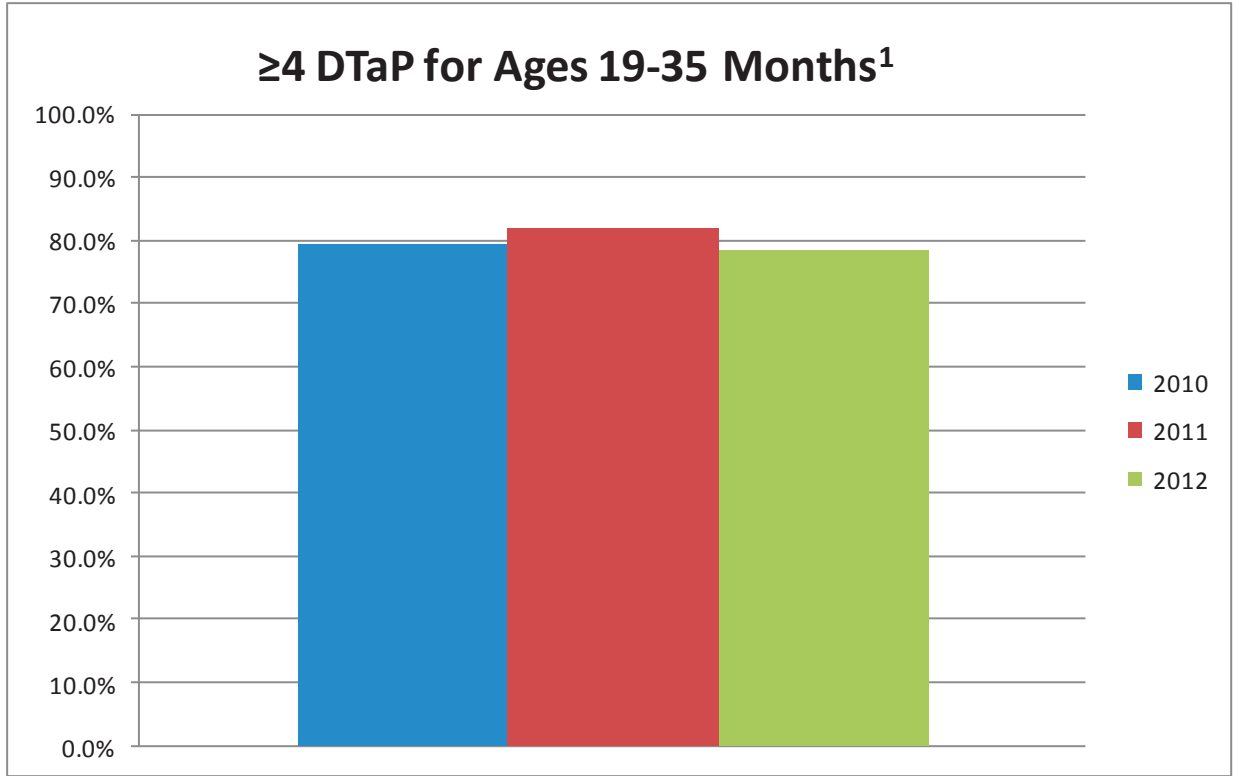
Immunization Table 19-35 months of Age¹

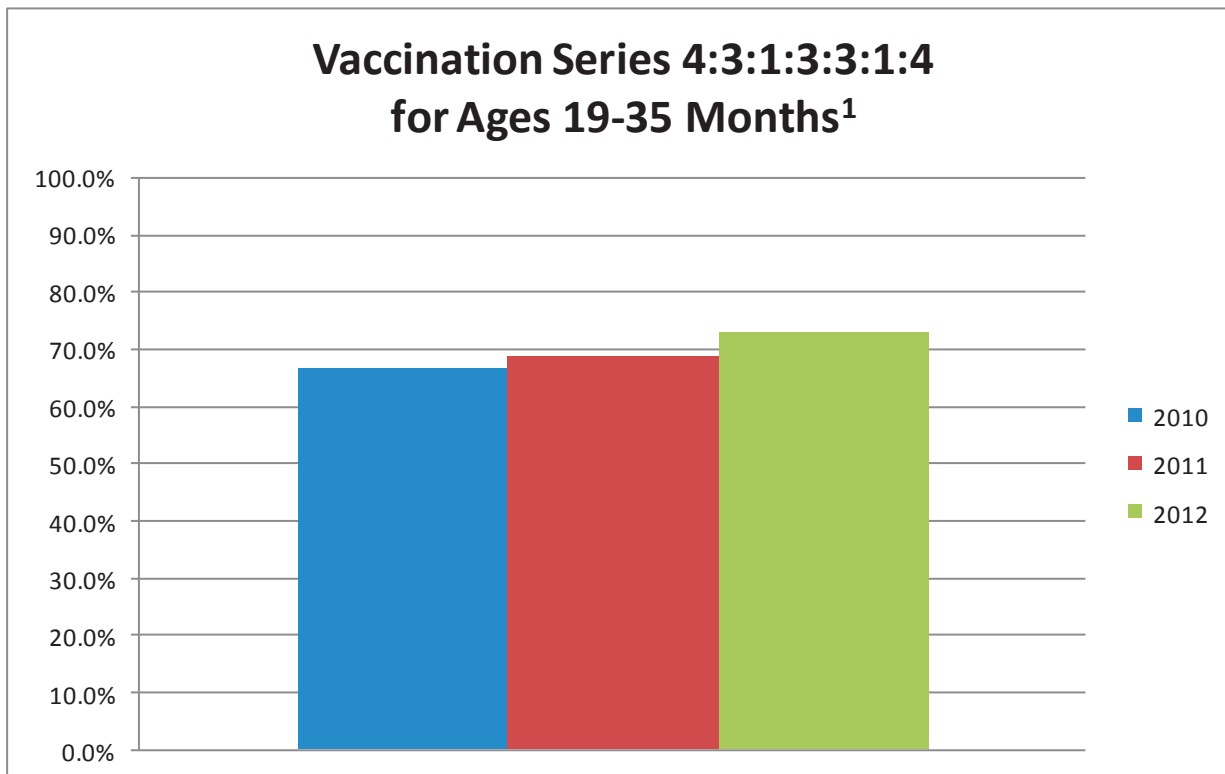
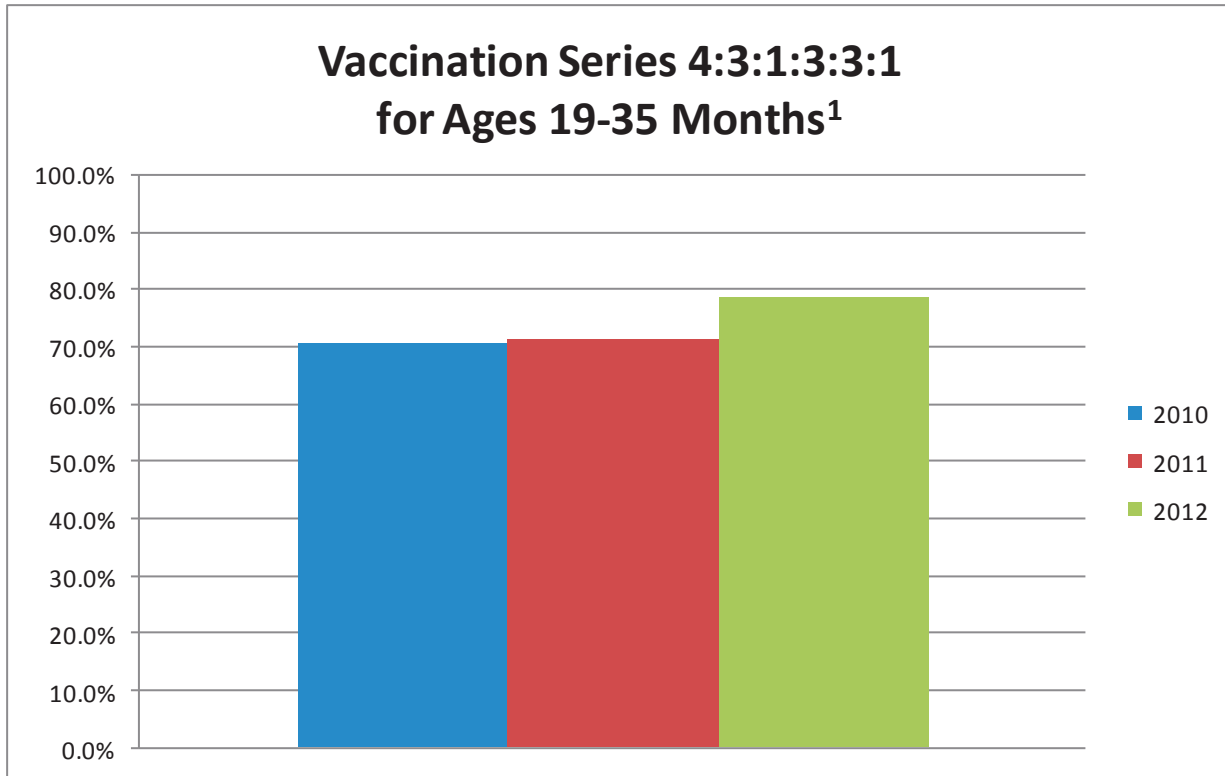


	UTAH		U.S.		Rank Among Other States	Percent Change from Previous year	Additional Year
	2011	2012	2011	2012			
≥3 DTaP	93.9%	93.6%	95.5%	94.3%	38	-0.3%	93.4%
≥4 DTaP	82.0%	80.5%	84.6%	82.5%	39	-1.8%	79.5%
≥3 Polio	93.3%	93.1%	93.9%	92.8%	27	-0.2%	90.1%
≥1 MMR	88.8%	87.3%	91.6%	90.8%	46	-1.7%	85.5%
≥3 Hib	92.1%	N/A	94.0%	N/A	N/A	N/A	86.3%
Hib-Primary Series (PS)	92.1%	93.9%	94.2%	93.3%	25	2.0%	91.7%
Hib-Full Series (FS)	77.1%	80.6%	80.4%	80.9%	33	4.5%	59.9%
≥3 Hep B	88.9%	91.2%	91.1%	89.7%	19	2.6%	91.1%
Hep B Birth dose	74.2%	78.6%	68.6%	71.6%	13	5.9%	79.8%
≥1 Varicella	83.6%	86.9%	90.8%	90.2%	43	-7.2%	87.7%
≥3 PCV	91.5%	91.0%	93.6%	92.3%	40	-0.5%	92.0%
≥4 PCV	80.1%	85.3%	84.4%	81.9%	16	6.5%	78.7%
≥2 Hep A	55.6%	57.1%	52.2%	53.0%	15	2.7%	49.6%
Rotavirus	68.1%	74.5%	67.3%	68.6%	8	9.4%	65.6%
4:3:1 [§]	80.2%	79.8%	82.6%	80.5%	30	-0.5%	76.2%
4:3:1:3	78.5%	77.5%	81.9%	76.0%	22	-1.3%	73.5%
4:3:1:3:3:1 [€]	71.1%	74.9%	77.6%	71.9%	15	5.3%	70.6%
4:3:1:0:3:1 [§]	72.9%	N/A	77.6%	N/A	N/A	N/A	73.3%
4:3:1:3:3:1:4 ^{€€€}	68.6%	73.0%	73.3%	68.4%	12	6.4%	66.7%
4:3:1:0:3:1:4 ^{§§§}	70.3%	N/A	73.6%	N/A	N/A	N/A	69.5%

Source: 2010-2012 National Immunization Survey 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+HepB, 1+Varicella. [§]4:3:1:0:3:1 = 4+DTaP, 3+Polio, 1+MMR, no HIB, 3+HepB, 1+Varicella. ^{§§§}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.



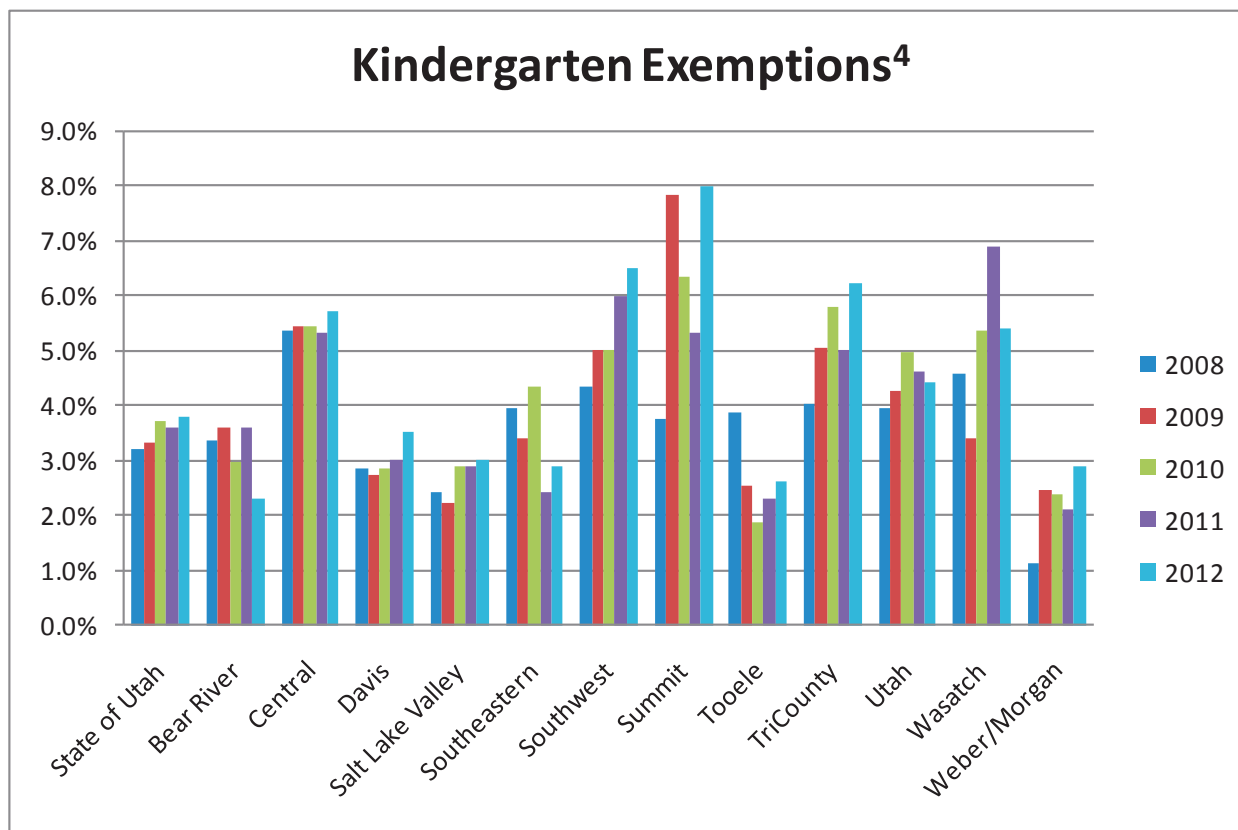




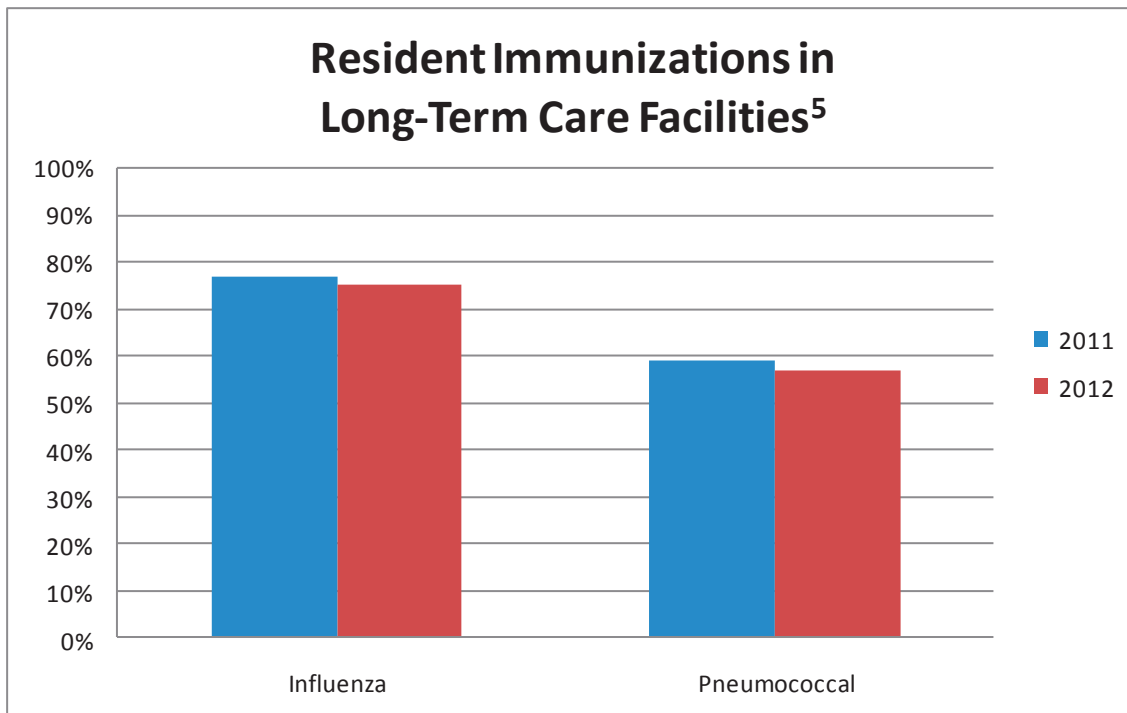
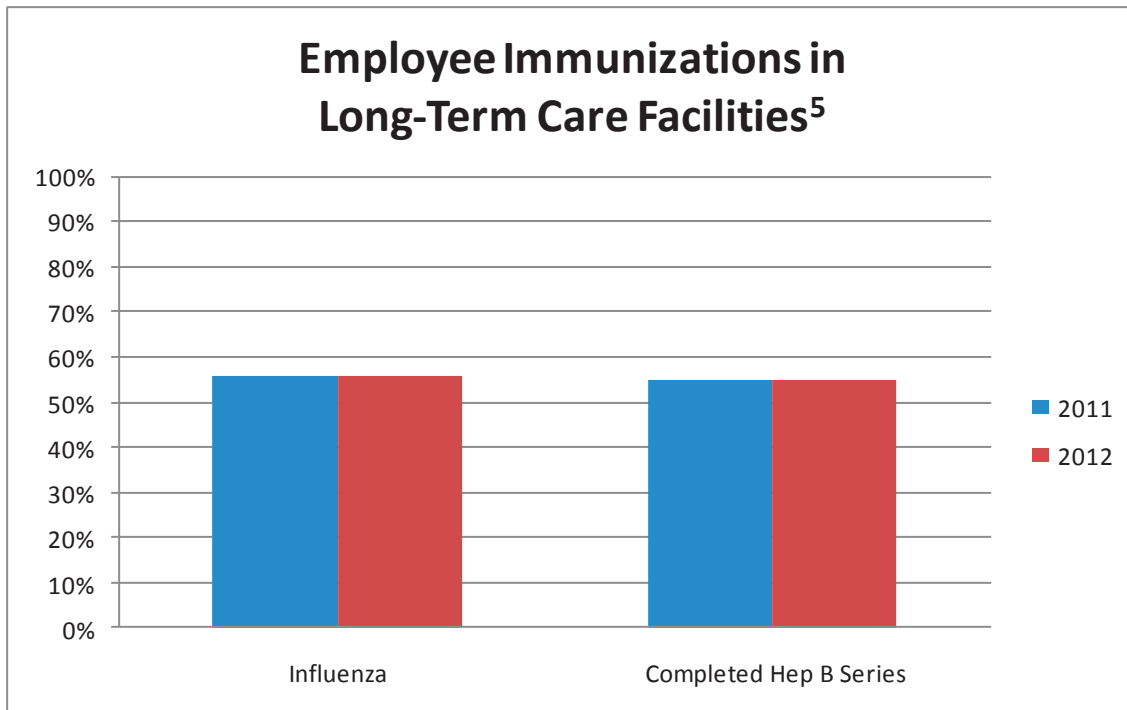
Rotavirus Vaccine for Ages 12-15 Months⁶		
Children in USIIS born between 04/01/2012 and 07/30/2012		
	Number	Percent
Total	18,431	N/A
1 Rotavirus	13,197	71.6%
2 Rotavirus	11,580	62.8%
3 Rotavirus	9,253	50.2%

Number of Active USIIS Providers, Utah, 2012⁶	Total: 2,256
Charter Schools	87
Child Care Facilities	33
FQHC	48
Head Start Centers	239
HMO	66
Hospitals	1
Indian Health Services	11
Local Health Departments	45
Early Childhood Programs	32
Other Public	41
Pharmacies	294
Private Providers	570
Private Schools	560
Public Schools	12
School Districts	35
Unknown	4
Vital Records	1
WIC	177

Percentage of Children Immunized for School, 2012 ²		
	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	88.9%	1.7%
Head Start Centers	92.6%	1.7%
Kindergarten School Entry	90.9%	3.8%
Second-Dose Measles (K-12)	96.1%	3.4%
7th Grade Entry	93.6%	4.1%



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



Since 2007, the CDC has published the NIS 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 health care provider information so their verbal responses over the phone could be validated through the official immunization record. Children ages 13-17 years 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; 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. **Note:** Beginning in 2011, tables are different because the data have changed.

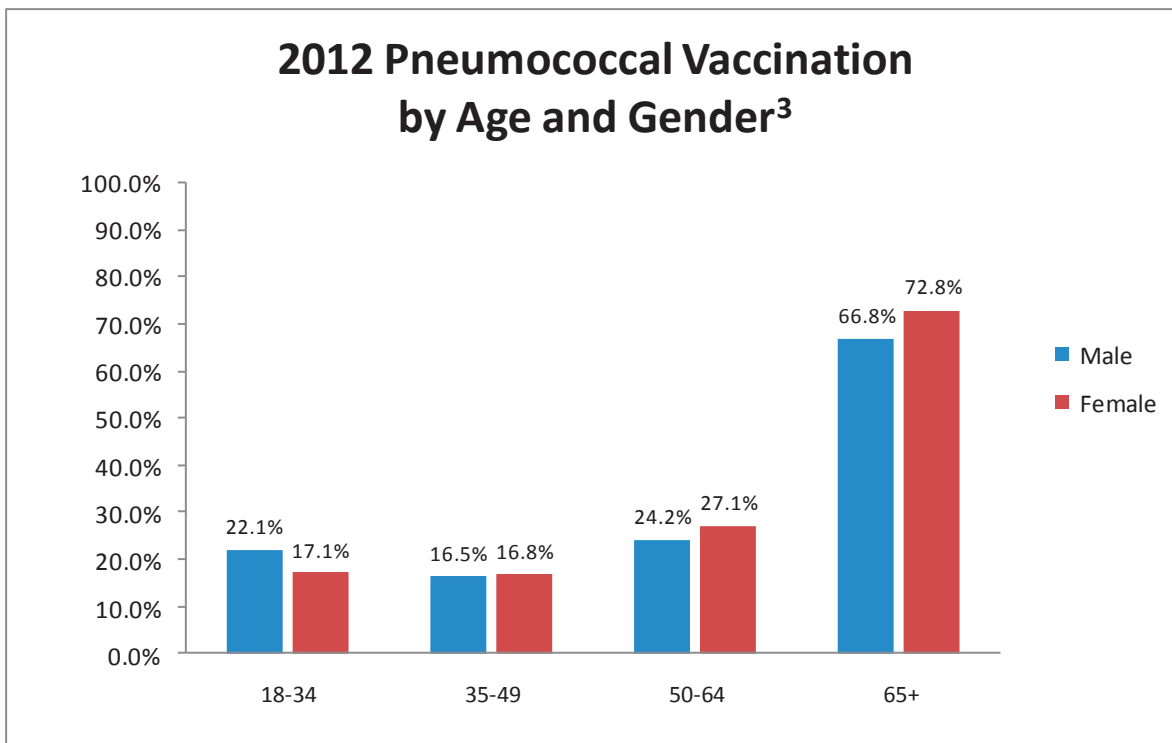
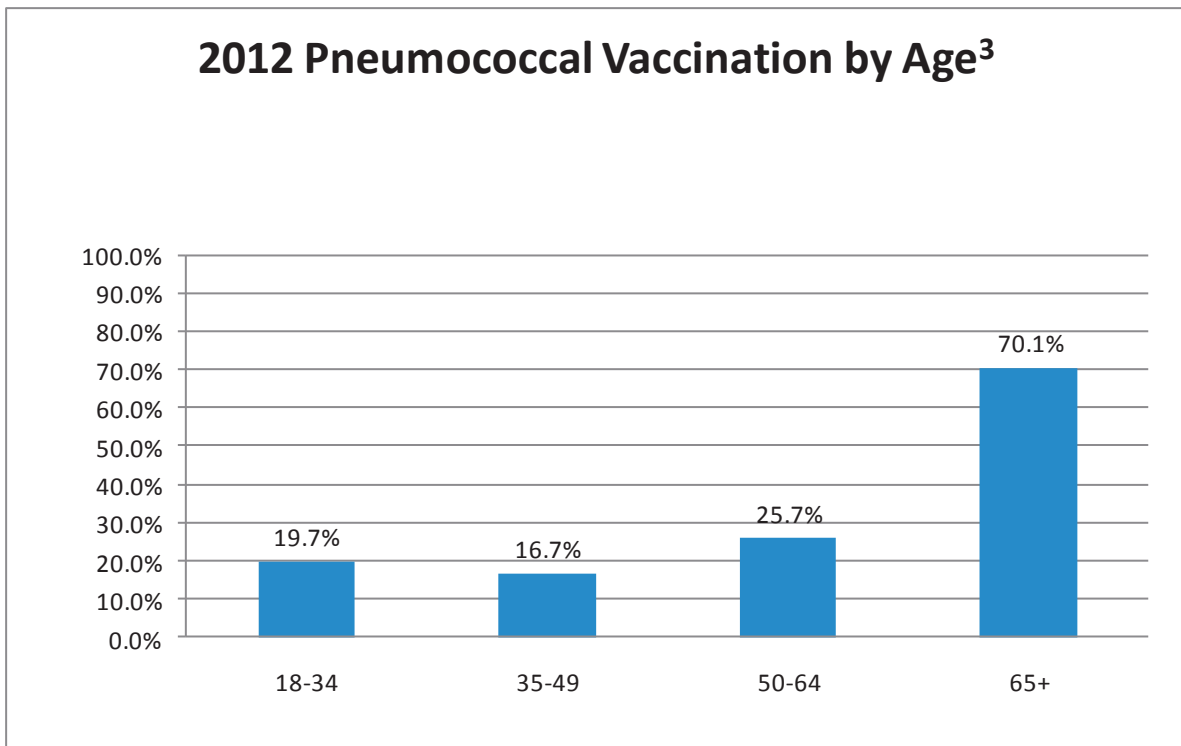
NIS Teen 2010, Ages 13-17¹		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
MCV4, 1 dose	48.8%	62.7%
MMR, 2 doses	86.7%	90.5%
Hepatitis B, 3 doses	87.5%	91.6%
Varicella, 1 dose among teens without history of Varicella disease	87.2%	90.5%
Td or Tdap, 1 dose	77.3%	81.2%
Tdap, 1 dose	68.8%	68.7%
HPV4, 1 dose (females)	48.8%	48.7%

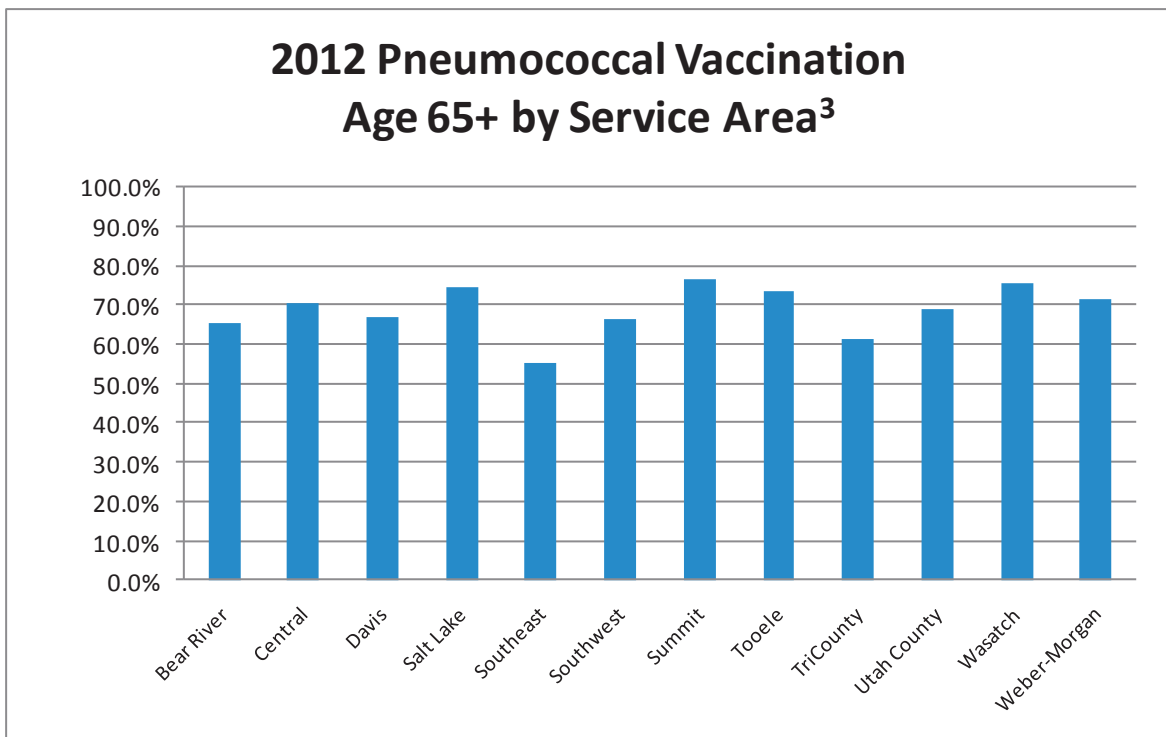
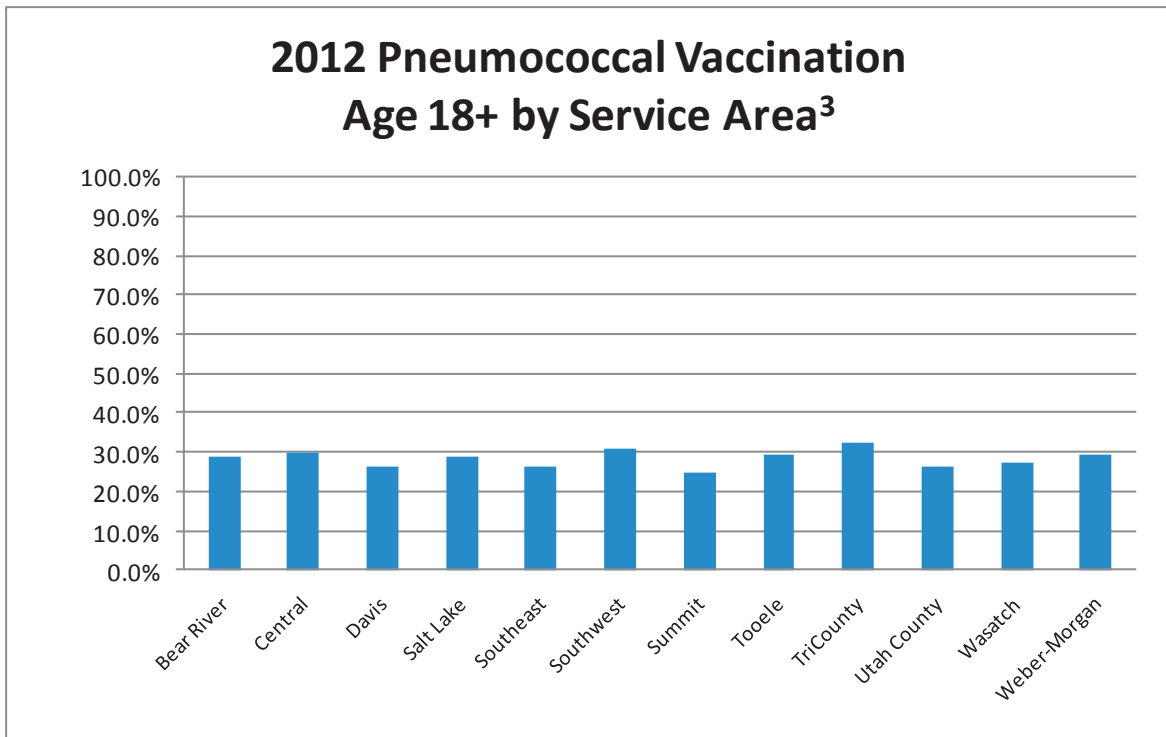
NIS Teen 2011, Ages 13-17¹		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
≥1 dose Varicella	85.7%	92.3%
≥1 dose Td or Tdap since age 10 years	84.5%	85.3%
≥1 dose Tdap after age 10 years	81.4%	78.2%
≥1 dose MenACWY	58.5%	70.5%

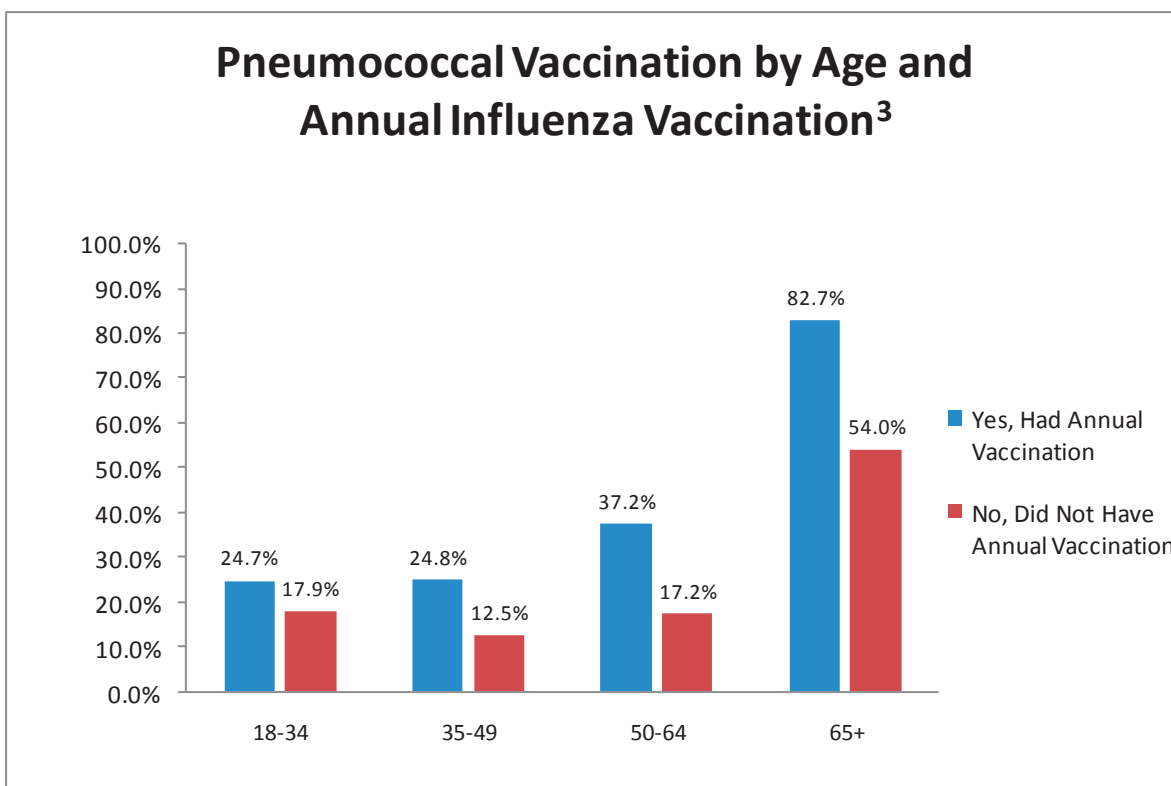
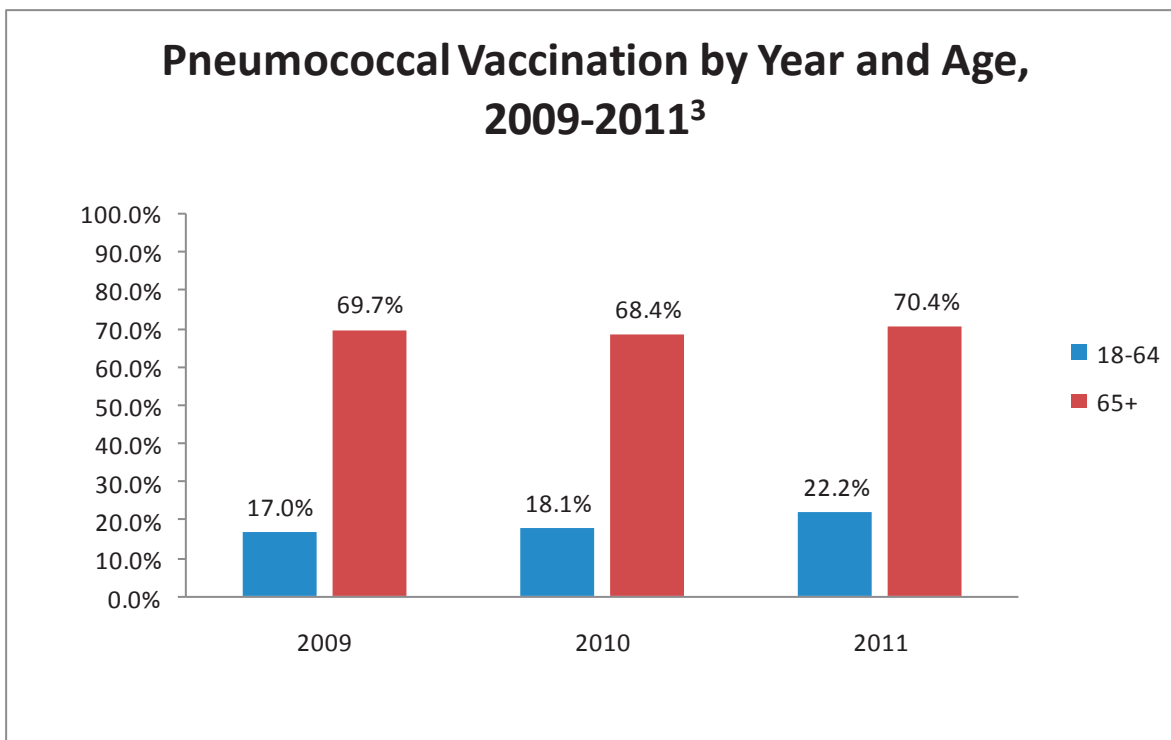
NIS Teen 2012, Ages 13-17¹		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
≥1 dose Varicella	92.0%	94.7%
≥1 Td or Tdap dose since age 10 years	84.9%	88.5%
≥1 dose Tdap after age 10 years	81.5%	84.6%
≥1 dose MenACWY	56.5%	74.0%

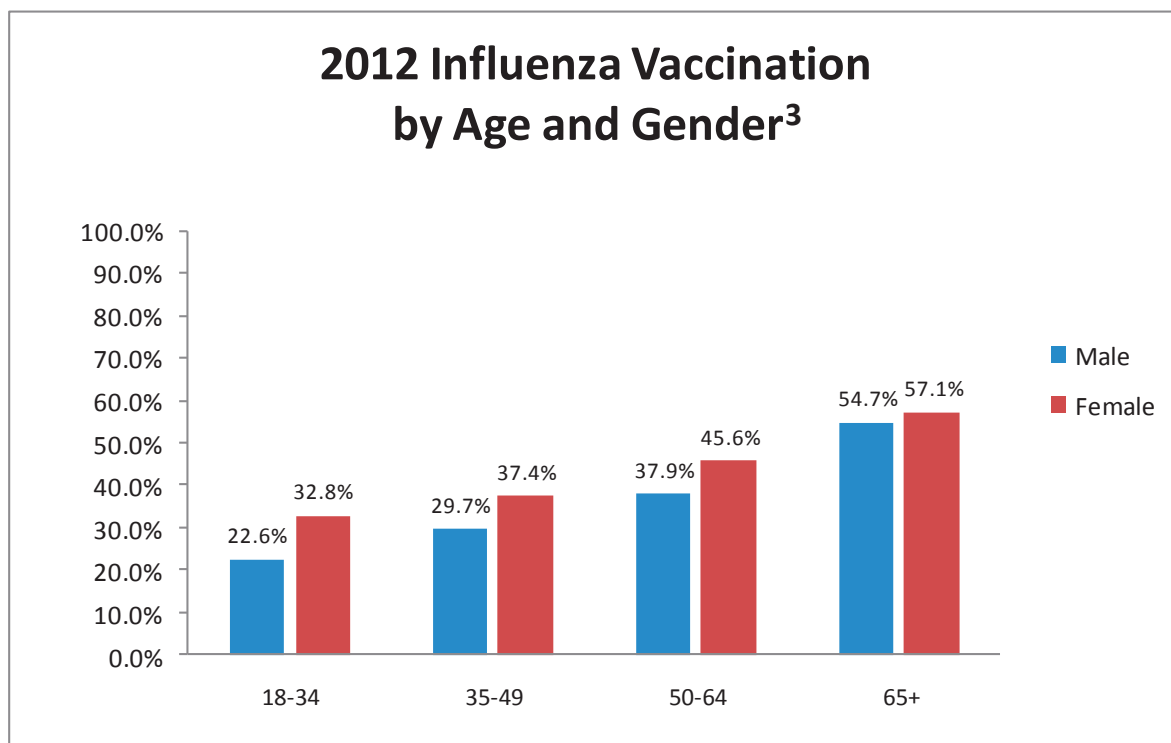
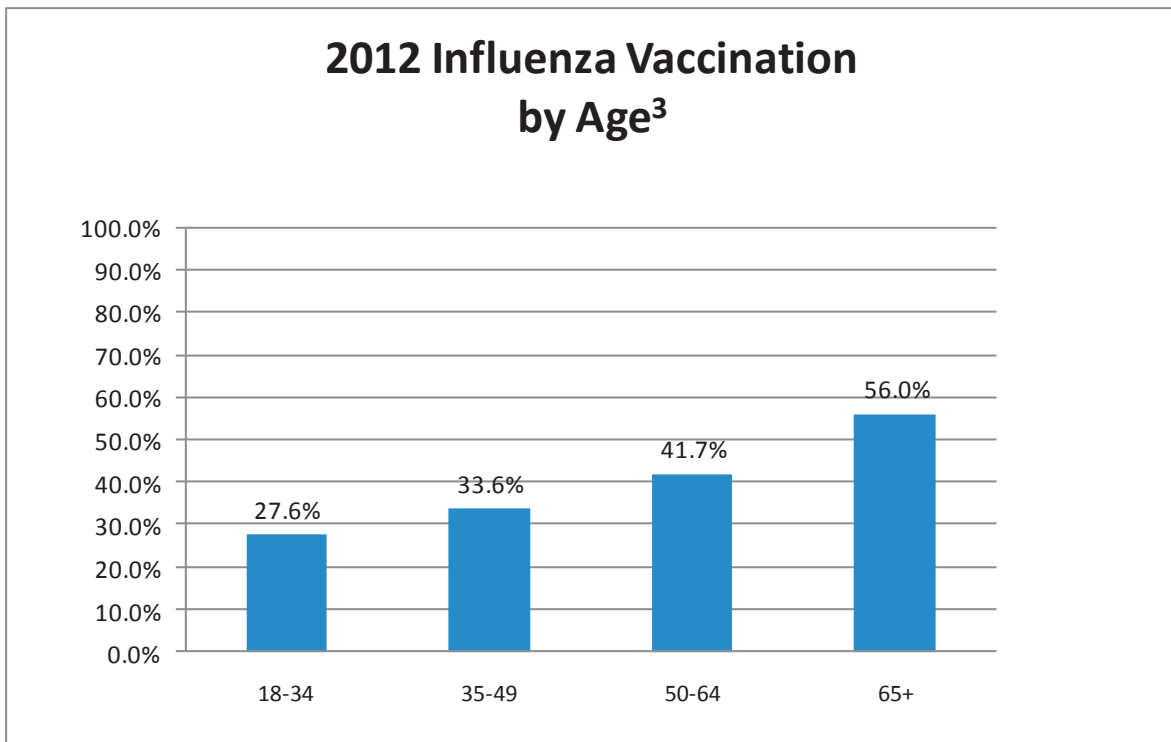
NIS Teen 2012, Females Ages 13-17¹		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
≥1 dose HPV	44.3%	53.8%
≥3 doses HPV	24.1%	33.4%
3-dose series completion	54.9%	66.7%

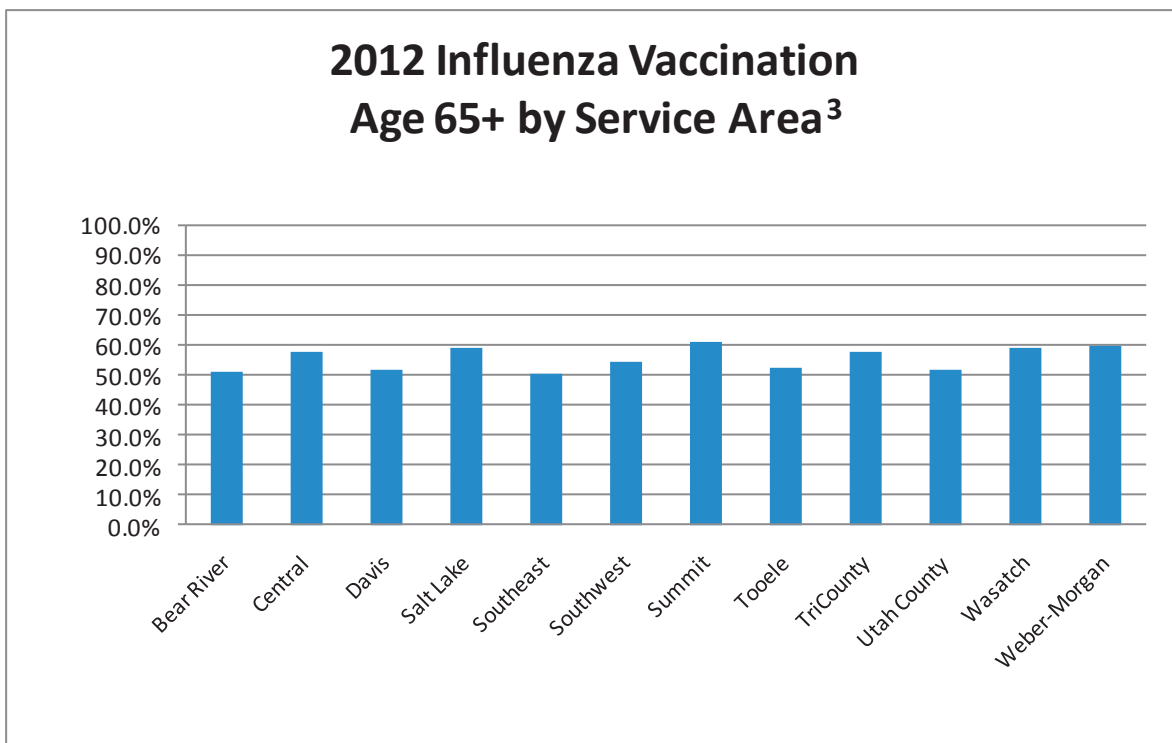
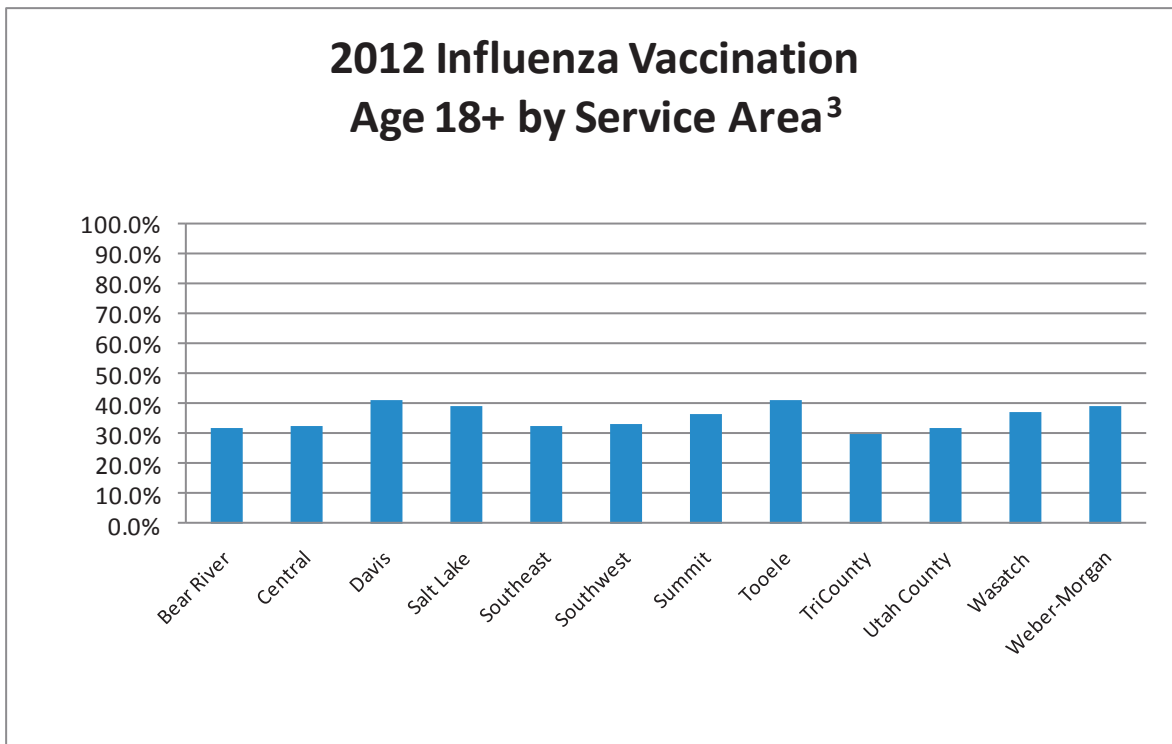
NIS Teen 2012, Males Ages 13-17¹		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
≥1 dose HPV	N/A	20.8%

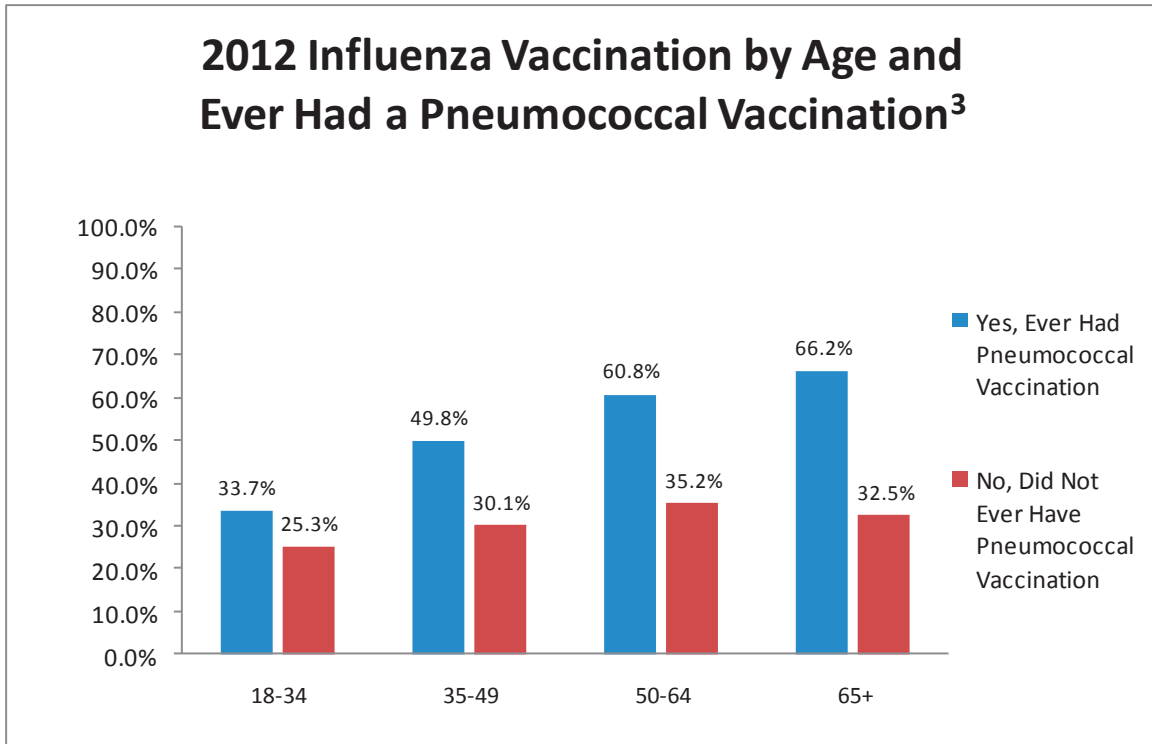
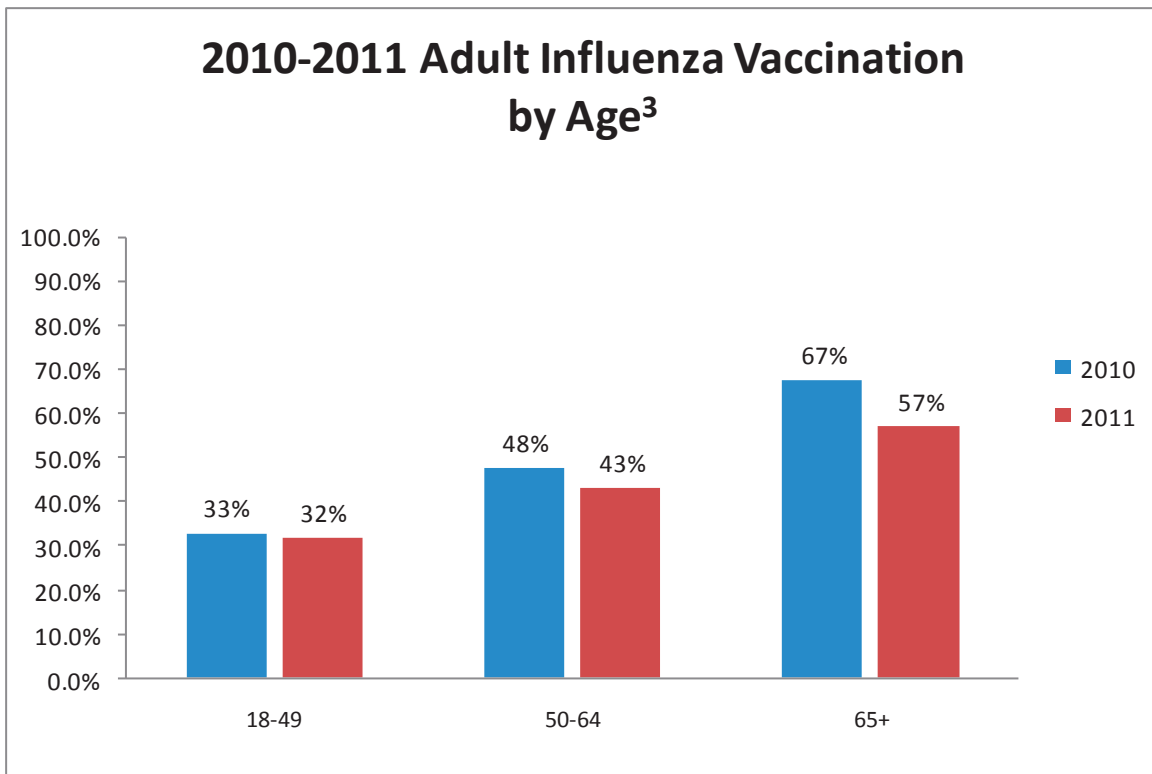


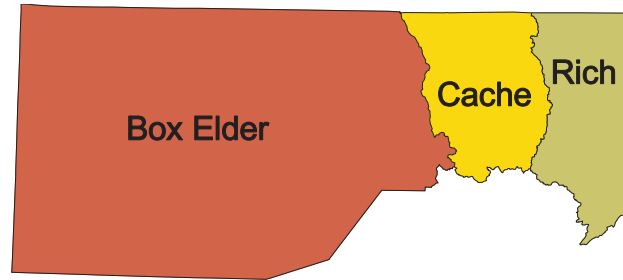












24-35 months of Age ⁶			
Children in USIIS born between 08/01/2010 and 07/30/2011			
Total	3,520		
	Total	Percent	
≥3 doses DTaP	2,944	83.6%	
≥4 doses DTaP	2,592	73.6%	
≥3 doses Polio	2,906	82.6%	
≥1 dose MMR	2,818	80.1%	
≥3 doses Hib	2,797	79.5%	
≥1 dose Hib	3,158	89.7%	
≥3 doses Hep B	2,908	82.6%	
Hep B Birth dose	2,906	82.6%	
≥1 dose Varicella	2,821	80.1%	
≥3 doses PCV	2,902	82.4%	
≥4 doses PCV	2,608	74.1%	
≥2 doses Hep A	2,293	65.1%	
≥1 dose Rotavirus	2,795	79.4%	
4:3:1	2,537	72.1%	
4:3:1:3	2,509	71.3%	
4:3:1:4	2,447	69.5%	
4:3:1:3:3	2,483	70.5%	
4:3:1:0:3:1	2,480	70.5%	
4:3:1:3:3:1	2,453	69.7%	
4:3:1:4:3:1	2,398	68.1%	
4:3:1:0:3:1:4	2,398	68.1%	
4:3:1:3:3:1:4	2,386	67.8%	

≤3 months of Age ⁶			
Children in USIIS born between 04/01/2013 and 07/30/2013			
Total	1,140		
	Total	Percent	
≥1 dose DTaP	976	85.6%	
≥1 dose Polio	972	85.3%	
≥1 dose Hib	973	85.4%	
≥1 dose Hep B	1,065	93.4%	
≥2 doses Hep B	907	79.6%	
≥1 dose PCV	974	85.4%	

≤5 months of Age ⁶			
Children in USIIS born between 02/01/2013 and 07/30/2013			
Total	1,665		
	Total	Percent	
≥2 doses DTaP	1,048	62.9%	
≥2 doses Polio	1,042	62.6%	
≥2 doses Hib	1,036	62.2%	
≥2 doses Hep B	1,370	82.3%	
≥2 doses PCV	1,044	62.7%	

<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	3,916	
	Total	Percent
≥3 doses DTaP	2,271	58.0%
≥2 doses Polio	2,946	75.2%
≥1 dose MMR	701	17.9%
≥2 doses Hib	2,937	75.0%
≥3 doses Hib	1,291	33.0%
≥2 doses Hep B	3,302	84.3%
≥3 doses Hep B	2,506	64.0%
≥1 dose Varicella	941	24.0%
≥3 doses PCV	2,287	58.4%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	5,584	
	Total	Percent
≥3 doses DTaP	3,708	66.4%
≥4 doses DTaP	1,133	20.3%
≥3 doses Polio	3,662	65.6%
≥1 dose MMR	1,866	33.4%
≥3 doses Hib	2,592	46.4%
≥1 dose Hib	4,953	88.7%
≥3 doses Hep B	3,900	69.8%
≥1 dose Varicella	2,242	40.2%
≥3 doses PCV	3,711	66.5%
4:3:1	966	17.3%
4:3:1:3	952	17.0%
4:3:1:4	938	16.8%
4:3:1:3:3	931	16.7%
4:3:1:0:3	945	16.9%
4:3:1:4:3	919	16.5%
4:3:1:3:3:1	926	16.6%
4:3:1:0:3:1	939	16.8%
4:3:1:4:3:1	914	16.4%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	6,942	
	Total	Percent
≥3 doses DTaP	4,864	70.1%
≥4 doses DTaP	2,076	29.9%
≥3 doses Polio	4,802	69.2%
≥1 dose MMR	2,941	42.4%
≥3 doses Hib	3,683	53.1%
≥1 dose Hib	6,195	89.2%
≥3 doses Hep B	5,036	72.5%
≥1 dose Varicella	3,344	48.2%
≥3 doses PCV	4,855	69.9%
≥4 doses PCV	3,070	44.2%
4:3:1	1,886	27.2%
4:3:1:3	1,864	26.9%
4:3:1:4	1,830	26.4%
4:3:1:3:3	1,836	26.4%
4:3:1:0:3	1,858	26.8%
4:3:1:4:3	1,805	26.0%
4:3:1:3:3:1	1,823	26.3%
4:3:1:0:3:1	1,844	26.6%
4:3:1:4:3:1	1,793	25.8%

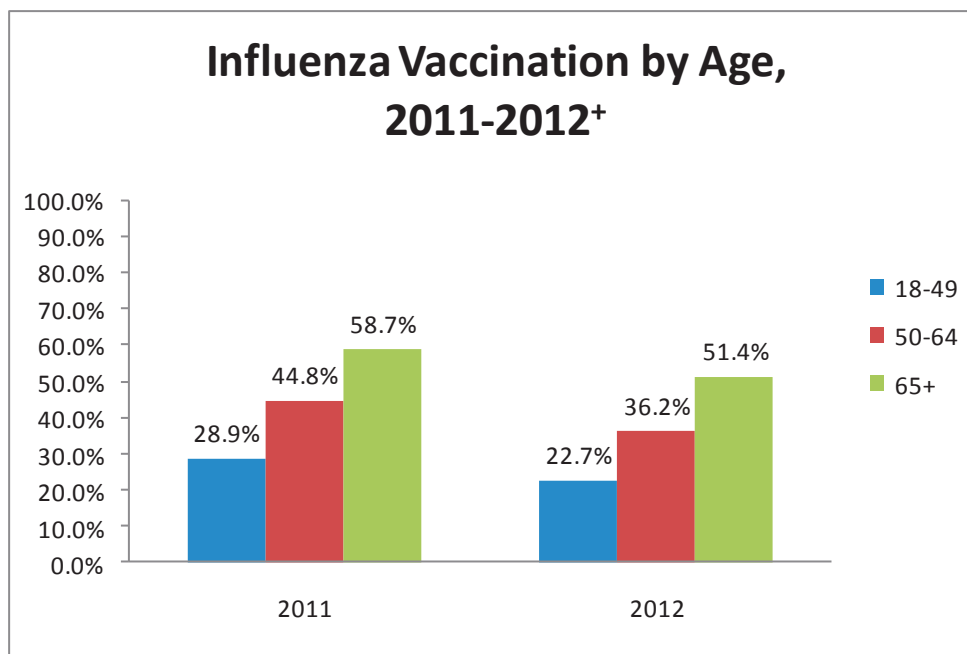
12-17 Years of Age ⁶			
Children in USIIS born between 08/01/1995 and 07/30/2001			
Total	24,159		
	Total	Percent	
1 HPV	2,868	11.9%	
2 HPV	1,932	8.0%	
3 HPV	1,233	5.1%	

12-17 Years of Age ⁶			
Children in USIIS born between 08/01/1995 and 07/30/2001			
Total	24,159		
	Total	Percent	
≥1 dose Meningococcal	8,424	34.9%	

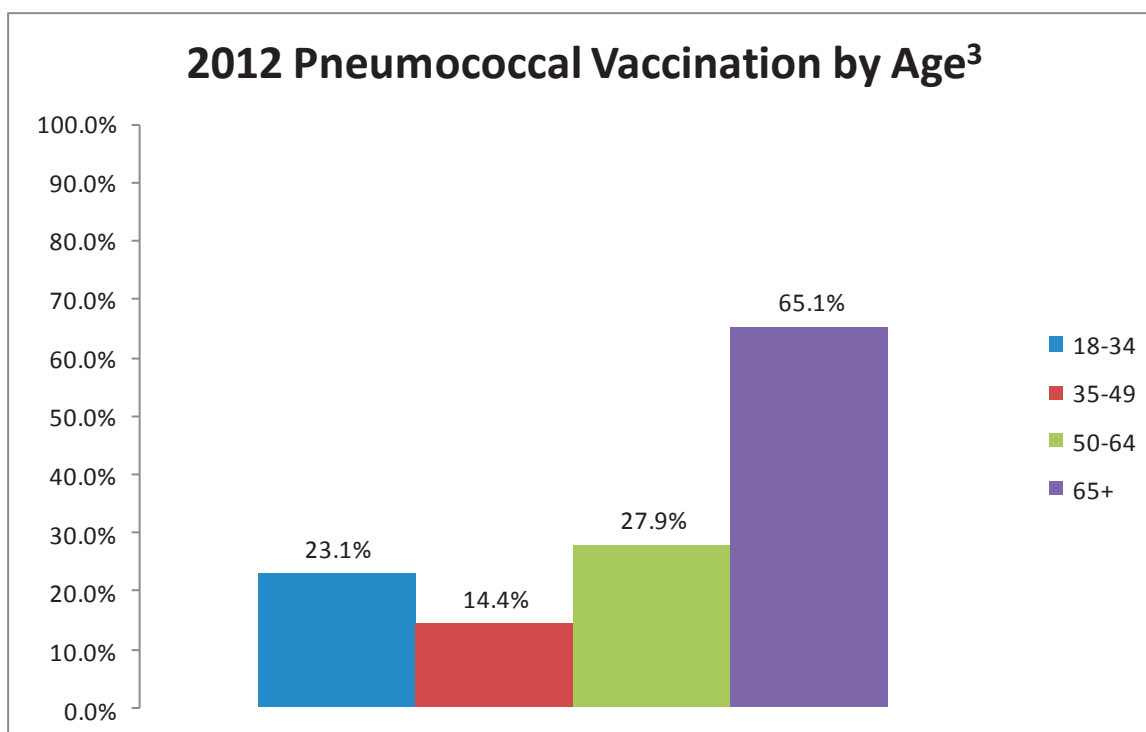
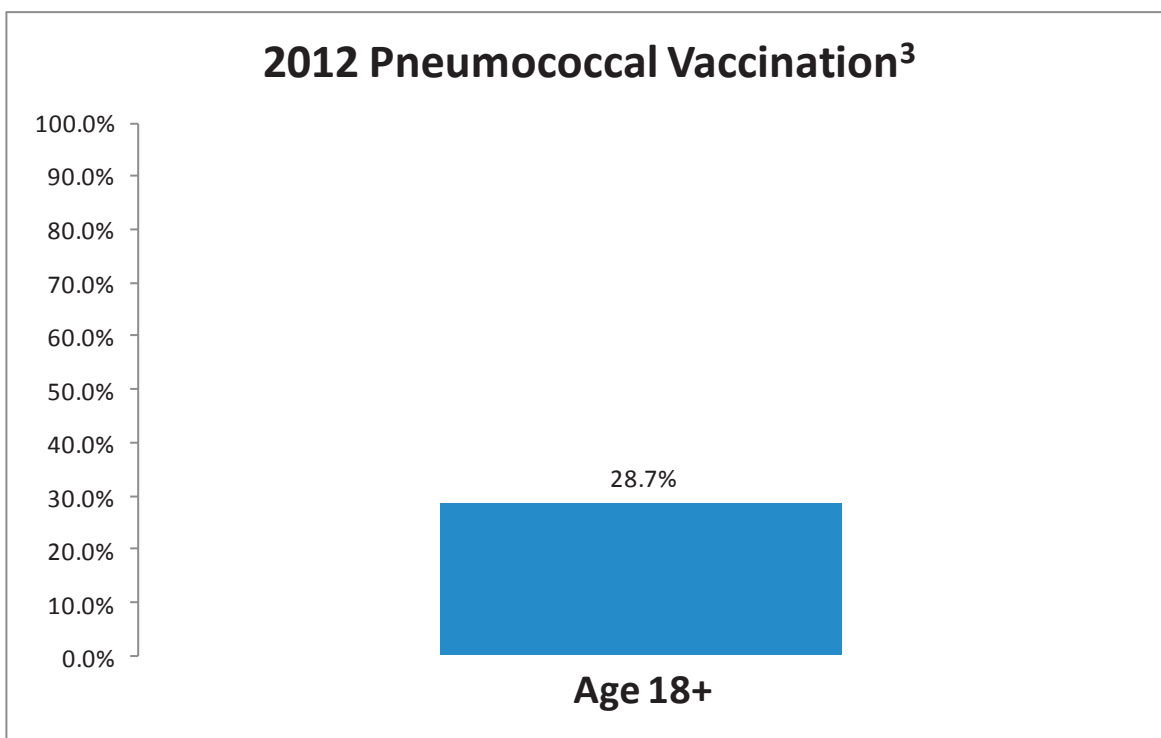
<18 Years of Age ⁶			
Children in USIIS born between 08/01/1994 and 07/30/2013			
Total	74,800		
	Total	Percent	
≥1 dose Influenza	33,417	44.7%	

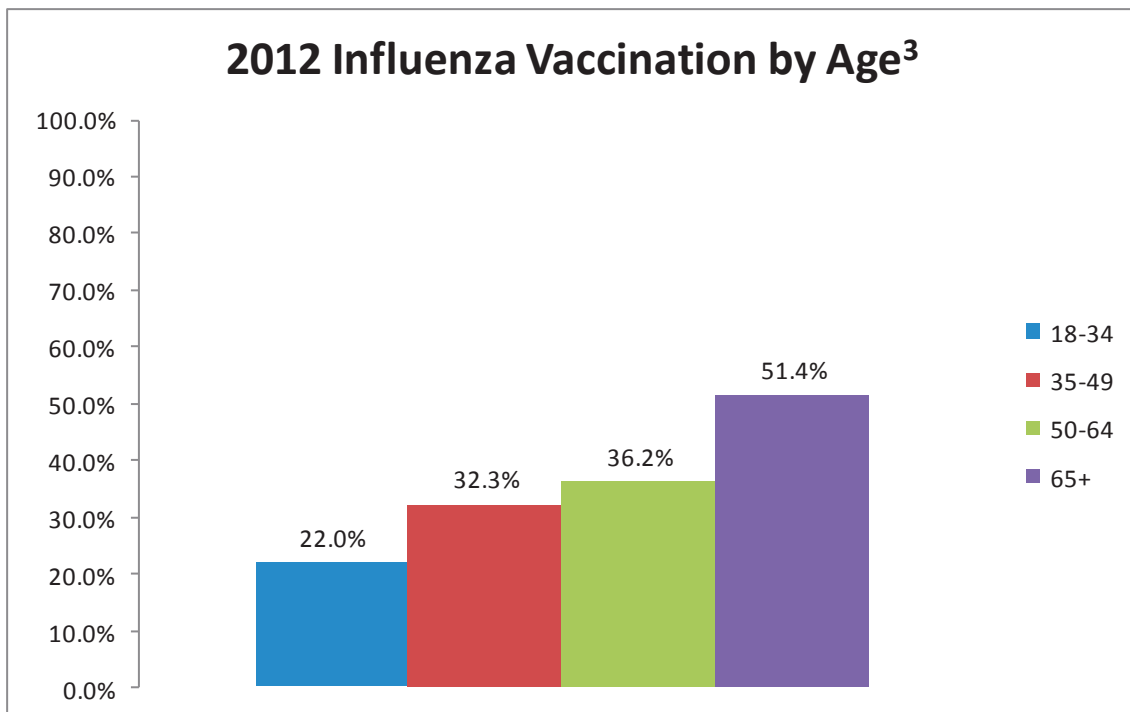
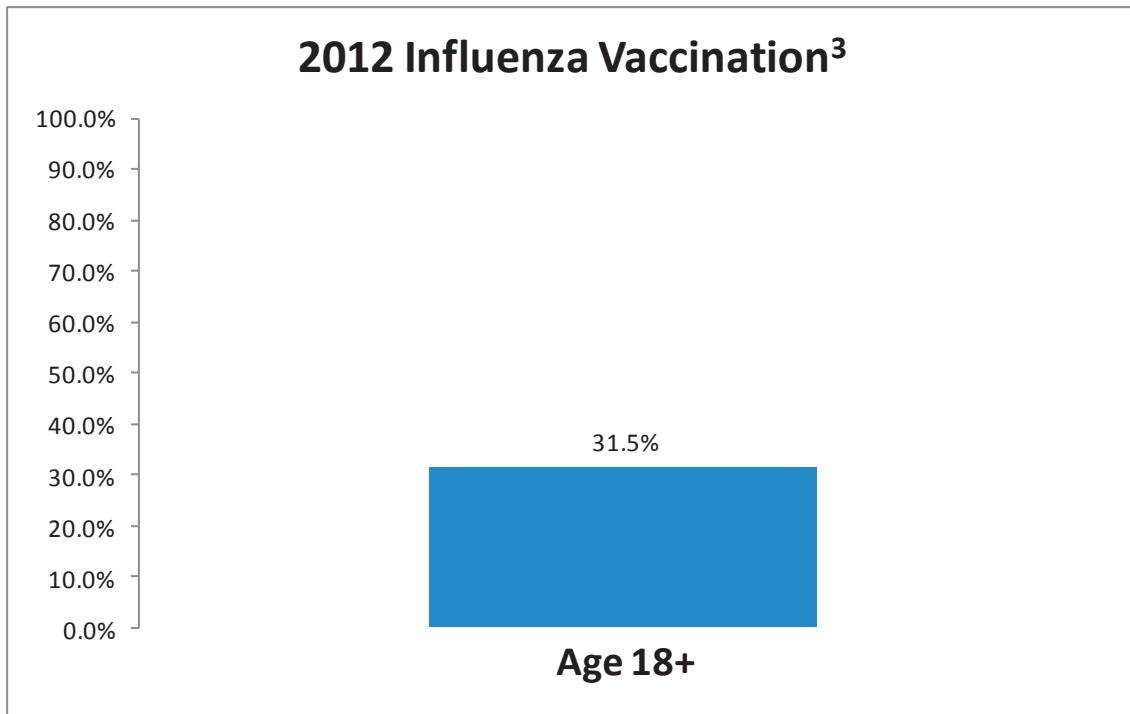
Adequately Immunized by School District 2012²								
	Box Elder		Cache		Logan City		Rich	
Bear River	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	93.7%	2.3%	94.5%	2.5%	97.9%	0.2%	97.7%	2.3%
Second-Dose Measles (K-12)	97.2%	2.7%	97.5%	2.4%	98.4%	0.8%	98.1%	1.9%
7th Grade Entry	96.7%	3.1%	97.7%	2.0%	98.1%	1.0%	98.2%	1.8%

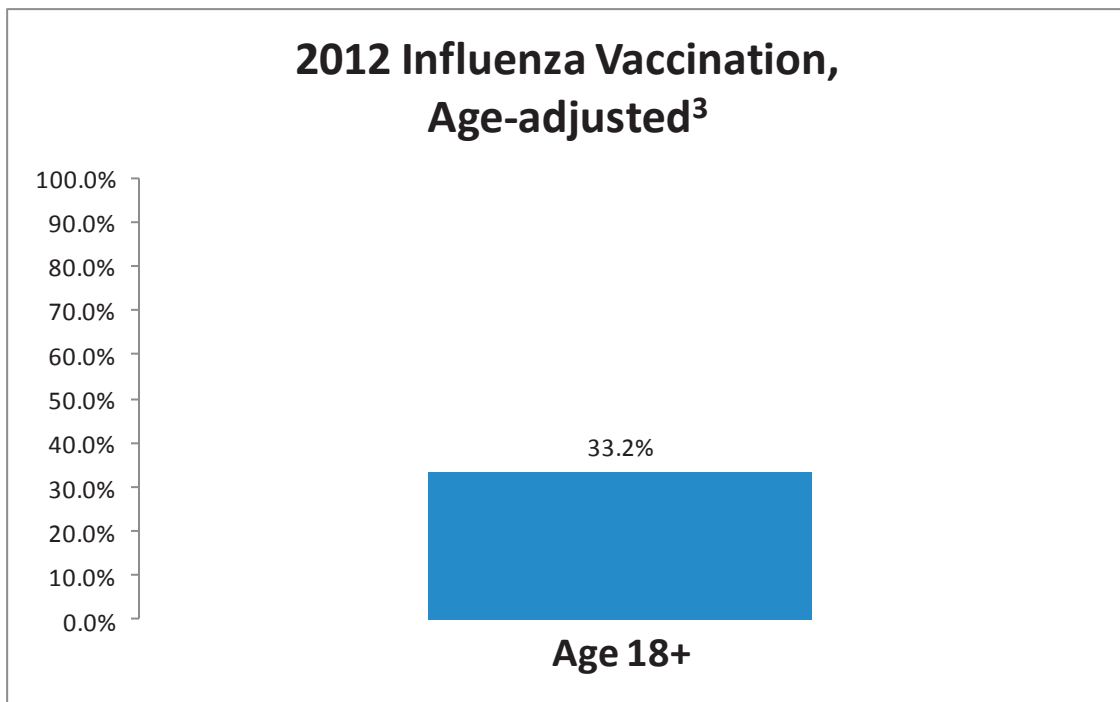
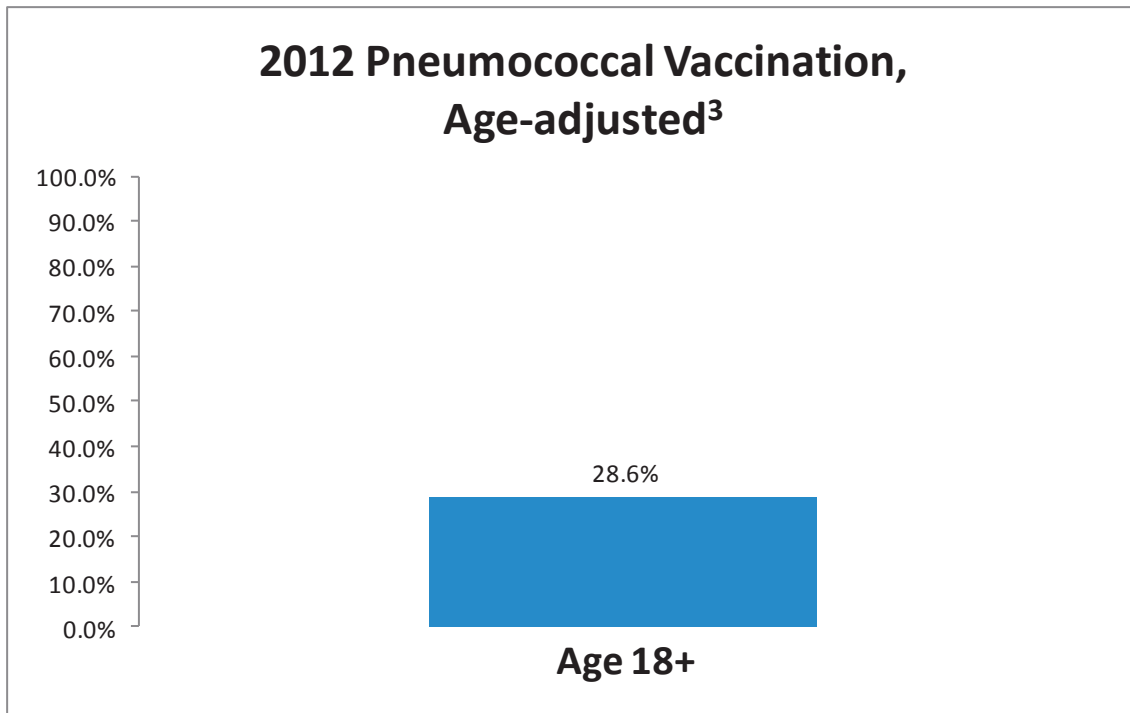
Immunized for Child Care 2012²		
Bear River	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	63.5%	0.0%
Head Start Centers	96.1%	1.0%

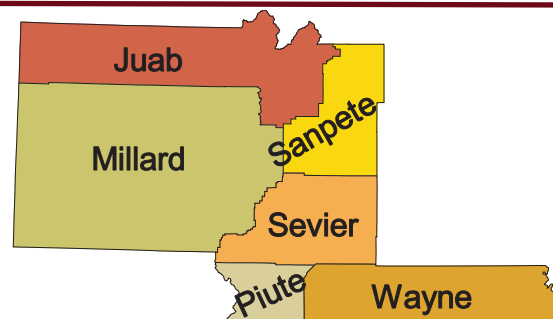


⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶			
Children in USIIS born between 08/01/2010 and 07/30/2011			
Total	1,267		
	Total	Percent	
≥3 doses DTaP	925	73.0%	
≥4 doses DTaP	735	58.0%	
≥3 doses Polio	912	72.0%	
≥1 dose MMR	857	67.6%	
≥3 doses Hib	915	72.2%	
≥1 dose Hib	1,029	81.2%	
≥3 doses Hep B	913	72.1%	
Hep B Birth dose	938	74.0%	
≥1 dose Varicella	819	64.6%	
≥3 doses PCV	878	69.3%	
≥4 doses PCV	736	58.1%	
≥2 doses Hep A	581	45.9%	
≥1 dose Rotavirus	679	53.6%	
4:3:1	713	56.3%	
4:3:1:3	713	56.3%	
4:3:1:4	662	52.2%	
4:3:1:3:3	702	55.4%	
4:3:1:0:3:1	667	52.6%	
4:3:1:3:3:1	667	52.6%	
4:3:1:4:3:1	629	49.6%	
4:3:1:0:3:1:4	629	49.6%	
4:3:1:3:3:1:4	629	49.6%	

≤3 months of Age ⁶			
Children in USIIS born between 04/01/2013 and 07/30/2013			
Total	369		
	Total	Percent	
≥1 dose DTaP	273	74.0%	
≥1 dose Polio	271	73.4%	
≥1 dose Hib	268	72.6%	
≥1 dose Hep B	323	87.5%	
≥2 doses Hep B	251	68.0%	
≥1 dose PCV	258	69.9%	

≤5 months of Age ⁶			
Children in USIIS born between 02/01/2013 and 07/30/2013			
Total	538		
	Total	Percent	
≥2 doses DTaP	263	48.9%	
≥2 doses Polio	258	48.0%	
≥2 doses Hib	251	46.7%	
≥2 doses Hep B	384	71.4%	
≥2 doses PCV	248	46.1%	

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<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	1,291	
	Total	Percent
≥3 doses DTaP	606	46.9%
≥2 doses Polio	836	64.8%
≥1 dose MMR	230	17.8%
≥2 doses Hib	823	63.7%
≥3 doses Hib	536	41.5%
≥2 doses Hep B	993	76.9%
≥3 doses Hep B	728	56.4%
≥1 dose Varicella	217	16.8%
≥3 doses PCV	581	45.0%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	1,870	
	Total	Percent
≥3 doses DTaP	990	52.9%
≥4 doses DTaP	321	17.2%
≥3 doses Polio	978	52.3%
≥1 dose MMR	608	32.5%
≥3 doses Hib	912	48.8%
≥1 dose Hib	1,488	79.6%
≥3 doses Hep B	1,108	59.3%
≥1 dose Varicella	580	31.0%
≥3 doses PCV	957	51.2%
4:3:1	294	15.7%
4:3:1:3	294	15.7%
4:3:1:4	260	13.9%
4:3:1:3:3	287	15.3%
4:3:1:0:3	287	15.3%
4:3:1:4:3	254	13.6%
4:3:1:3:3:1	277	14.8%
4:3:1:0:3:1	277	14.8%
4:3:1:4:3:1	248	13.3%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	2,357	
	Total	Percent
≥3 doses DTaP	1,334	56.6%
≥4 doses DTaP	588	24.9%
≥3 doses Polio	1,318	55.9%
≥1 dose MMR	928	39.4%
≥3 doses Hib	1,253	53.2%
≥1 dose Hib	1,889	80.1%
≥3 doses Hep B	1,456	61.8%
≥1 dose Varicella	883	37.5%
≥3 doses PCV	1,291	54.8%
≥4 doses PCV	732	31.1%
4:3:1	547	23.2%
4:3:1:3	547	23.2%
4:3:1:4	494	21.0%
4:3:1:3:3	536	22.7%
4:3:1:0:3	536	22.7%
4:3:1:4:3	485	20.6%
4:3:1:3:3:1	516	21.9%
4:3:1:0:3:1	516	21.9%
4:3:1:4:3:1	472	20.0%

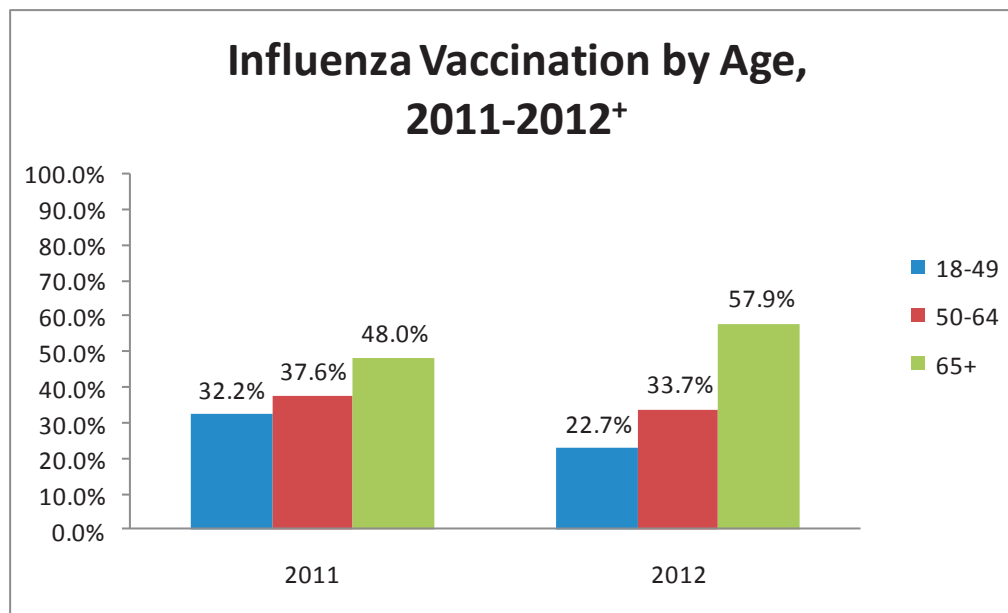
12-17 Years of Age ⁶			
Children in USIIS born between 08/01/1995 and 07/30/2001			
Total	11,268		
		Total	Percent
1 HPV		1,173	10.4%
2 HPV		672	6.0%
3 HPV		380	3.4%

12-17 Years of Age ⁶			
Children in USIIS born between 08/01/1995 and 07/30/2001			
Total	11,268		
		Total	Percent
≥1 dose Meningococcal		2,789	24.8%

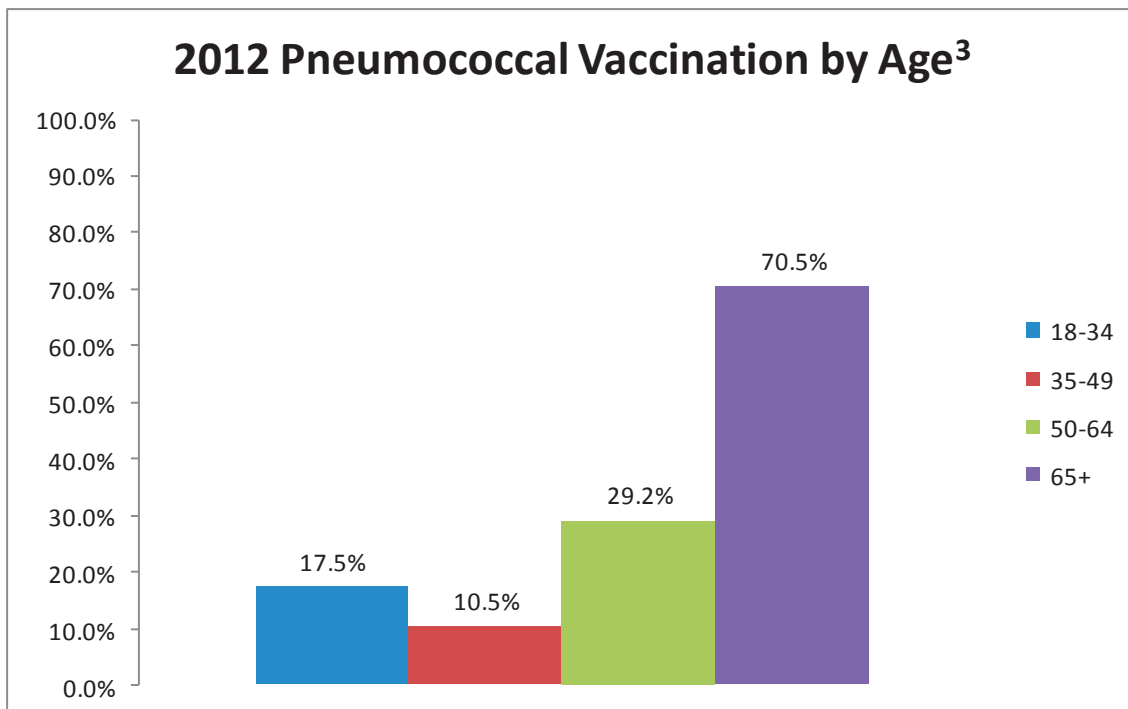
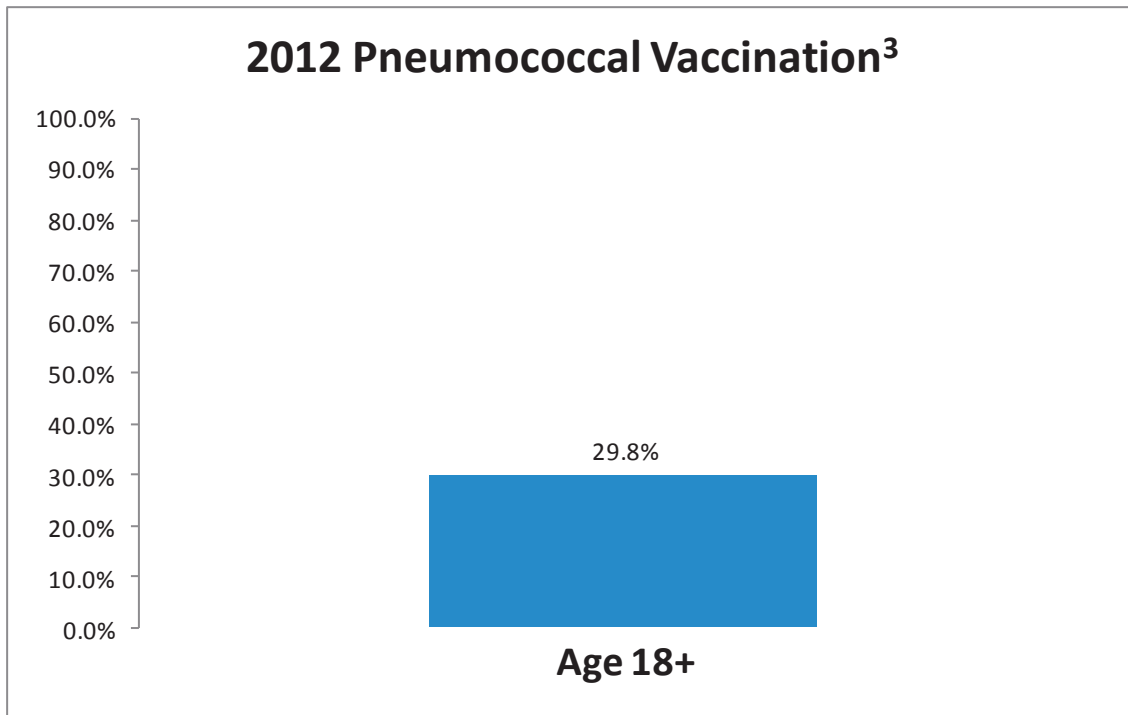
<18 Years of Age ⁶			
Children in USIIS born between 08/01/1994 and 07/30/2013			
Total	31,490		
		Total	Percent
≥1 dose Influenza		10,790	34.3%

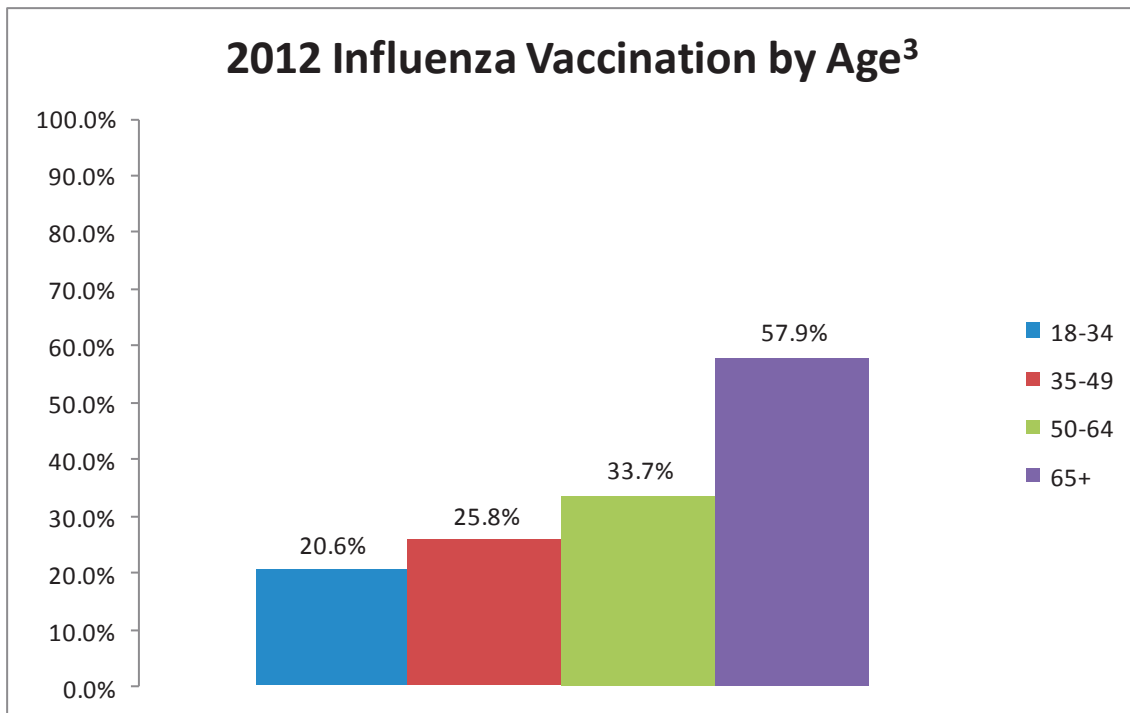
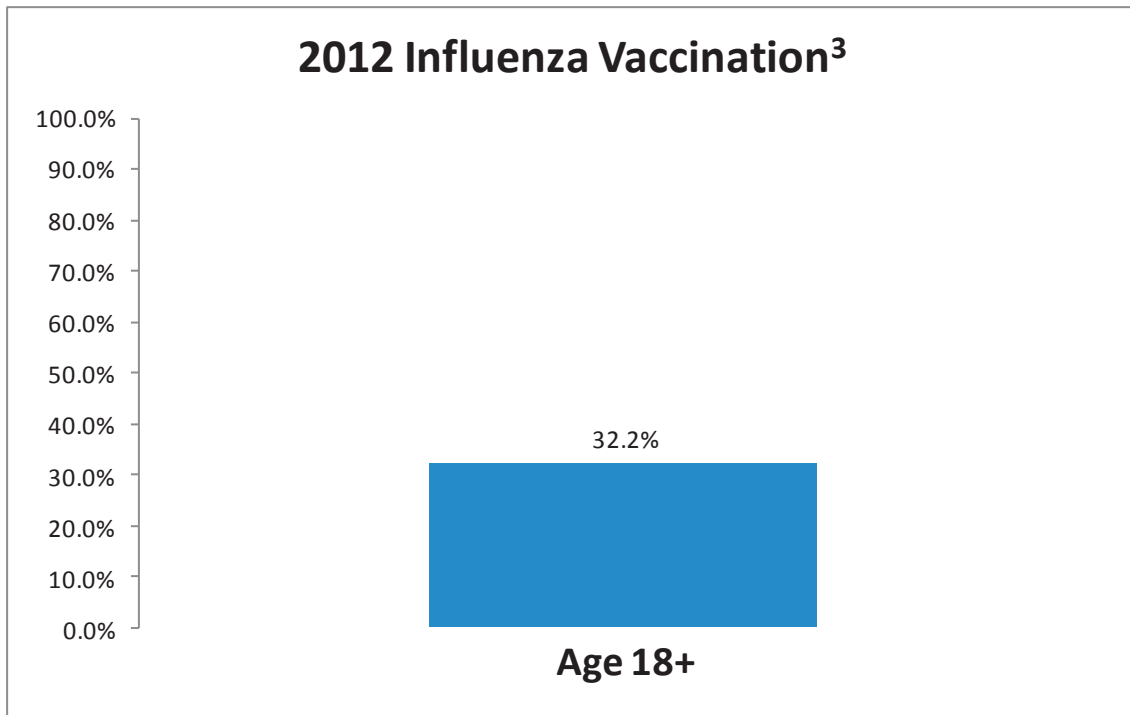
Adequately Immunized by School District 2012 ²																
Central	Juab		Millard		N Sanpete		Piute		Sevier		S Sanpete		Tintic		Wayne	
	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp
Kindergarten School Entry	83.2%	10.3%	92.3%	4.5%	85.1%	9.0%	95.6%	4.4%	91.5%	5.4%	93.3%	2.6%	91.7%	8.3%	86.8%	2.6%
Second-Dose Measles (K-12)	87.6%	12.2%	96.0%	4.0%	91.8%	7.6%	97.4%	2.6%	93.4%	6.5%	97.1%	2.8%	96.5%	3.5%	96.7%	3.1%
7th Grade Entry	89.0%	10.0%	94.3%	5.7%	89.4%	10.0%	93.3%	6.7%	94.6%	5.4%	96.0%	4.0%	96.5%	3.5%	92.3%	7.7%

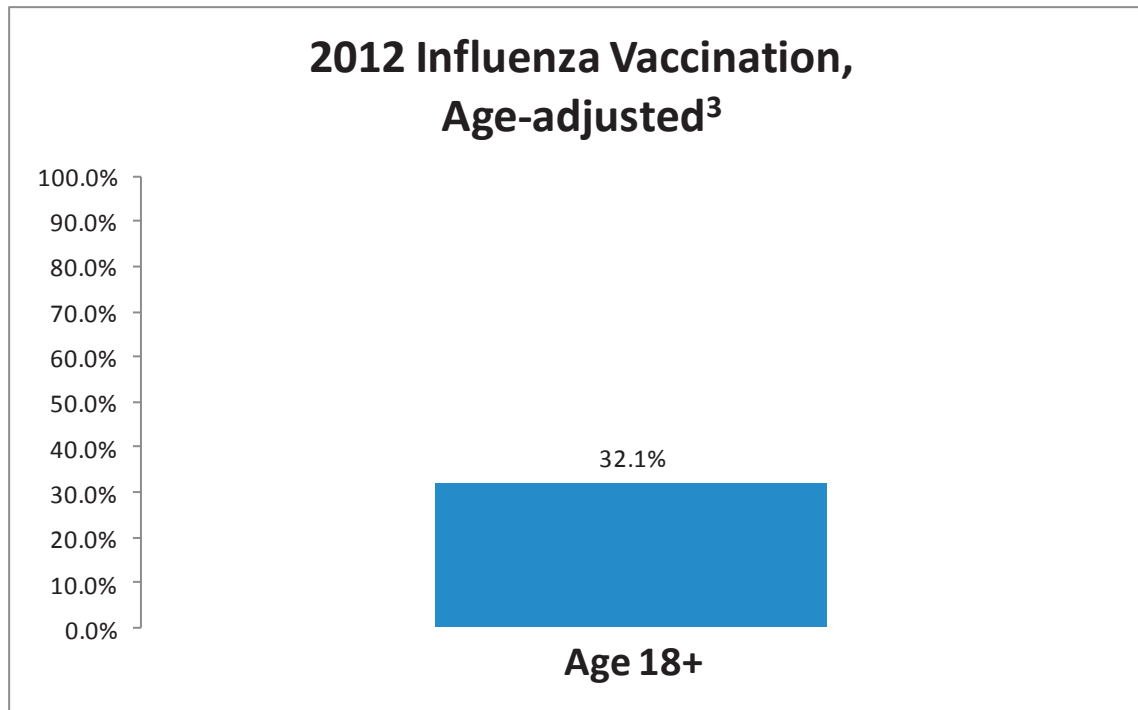
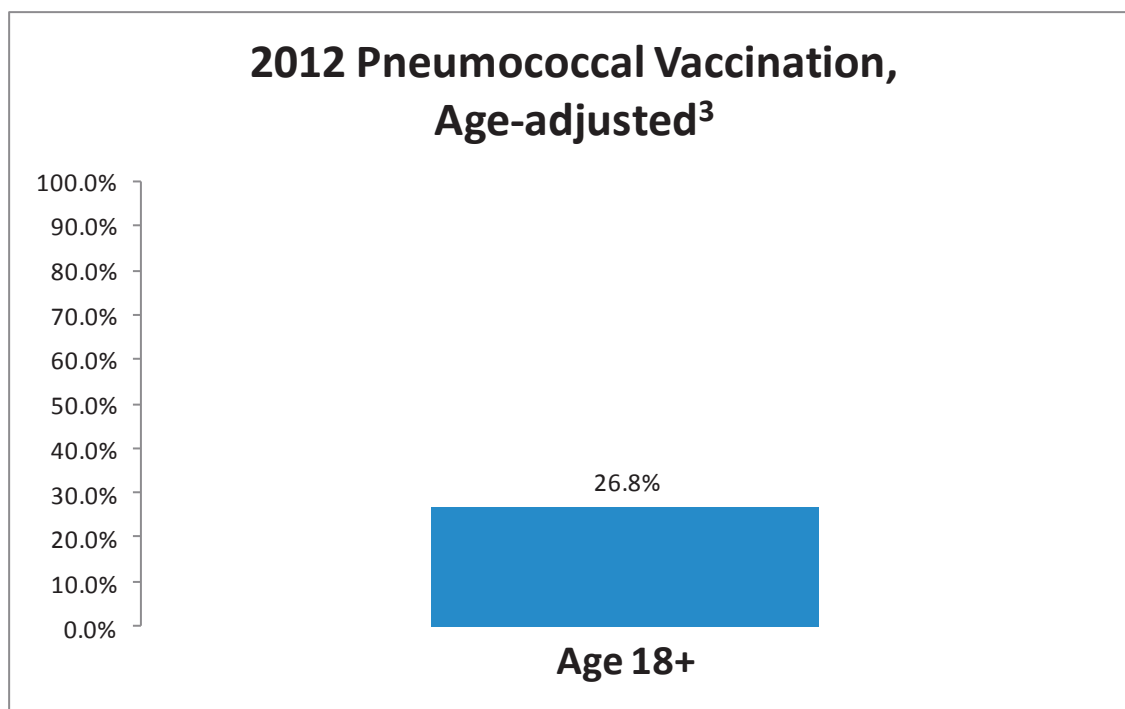
Immunized for Child Care 2012 ²		
Central	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	88.0%	4.2%
Head Start Centers	71.1%	2.1%

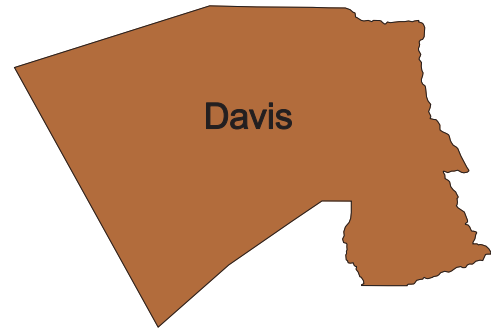


⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	6,297	
	Total	Percent
≥3 doses DTaP	3,949	62.7%
≥4 doses DTaP	3,269	51.9%
≥3 doses Polio	3,804	60.4%
≥1 dose MMR	4,210	66.9%
≥3 doses Hib	3,845	61.1%
≥1 dose Hib	4,898	77.8%
≥3 doses Hep B	3,848	61.1%
Hep B Birth dose	5,239	83.2%
≥1 dose Varicella	4,140	65.7%
≥3 doses PCV	3,918	62.2%
≥4 doses PCV	3,302	52.4%
≥2 doses Hep A	3,208	50.9%
≥1 dose Rotavirus	4,098	65.1%
4:3:1	3,163	50.2%
4:3:1:3	3,135	49.8%
4:3:1:4	3,008	47.8%
4:3:1:3:3	3,076	48.8%
4:3:1:0:3:1	3,069	48.7%
4:3:1:3:3:1	3,041	48.3%
4:3:1:4:3:1	2,934	46.6%
4:3:1:0:3:1:4	2,934	46.6%
4:3:1:3:3:1:4	2,914	46.3%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	2,051	
	Total	Percent
≥1 dose DTaP	1,697	82.7%
≥1 dose Polio	1,671	81.5%
≥1 dose Hib	1,585	77.3%
≥1 dose Hep B	1,903	92.8%
≥2 doses Hep B	1,556	75.9%
≥1 dose PCV	1,662	81.0%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	2,975	
	Total	Percent
≥2 doses DTaP	1,733	58.3%
≥2 doses Polio	1,715	57.6%
≥2 doses Hib	1,612	54.2%
≥2 doses Hep B	2,349	79.0%
≥2 doses PCV	1,726	58.0%

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<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	7,005	
	Total	Percent
≥3 doses DTaP	3,586	51.2%
≥2 doses Polio	5,043	72.0%
≥1 dose MMR	1,652	23.6%
≥2 doses Hib	4,916	70.2%
≥3 doses Hib	3,373	48.2%
≥2 doses Hep B	5,735	81.9%
≥3 doses Hep B	3,763	53.7%
≥1 dose Varicella	1,623	23.2%
≥3 doses PCV	3,767	53.8%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	10,005	
	Total	Percent
≥3 doses DTaP	5,590	55.9%
≥4 doses DTaP	1,983	19.8%
≥3 doses Polio	5,472	54.7%
≥1 dose MMR	3,891	38.9%
≥3 doses Hib	5,316	53.1%
≥1 dose Hib	8,341	83.4%
≥3 doses Hep B	5,692	56.9%
≥1 dose Varicella	3,845	38.4%
≥3 doses PCV	5,783	57.8%
4:3:1	1,880	18.8%
4:3:1:3	1,860	18.6%
4:3:1:4	1,784	17.8%
4:3:1:3:3	1,806	18.1%
4:3:1:0:3	1,826	18.3%
4:3:1:4:3	1,739	17.4%
4:3:1:3:3:1	1,783	17.8%
4:3:1:0:3:1	1,799	18.0%
4:3:1:4:3:1	1,725	17.2%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	12,648	
	Total	Percent
≥3 doses DTaP	7,391	58.4%
≥4 doses DTaP	3,417	27.0%
≥3 doses Polio	7,164	56.6%
≥1 dose MMR	5,774	45.7%
≥3 doses Hib	7,050	55.7%
≥1 dose Hib	10,250	81.0%
≥3 doses Hep B	7,411	58.6%
≥1 dose Varicella	5,715	45.2%
≥3 doses PCV	7,551	59.7%
≥4 doses PCV	4,162	32.9%
4:3:1	3,246	25.7%
4:3:1:3	3,217	25.4%
4:3:1:4	3,088	24.4%
4:3:1:3:3	3,138	24.8%
4:3:1:0:3	3,167	25.0%
4:3:1:4:3	3,021	23.9%
4:3:1:3:3:1	3,097	24.5%
4:3:1:0:3:1	3,122	24.7%
4:3:1:4:3:1	2,992	23.7%

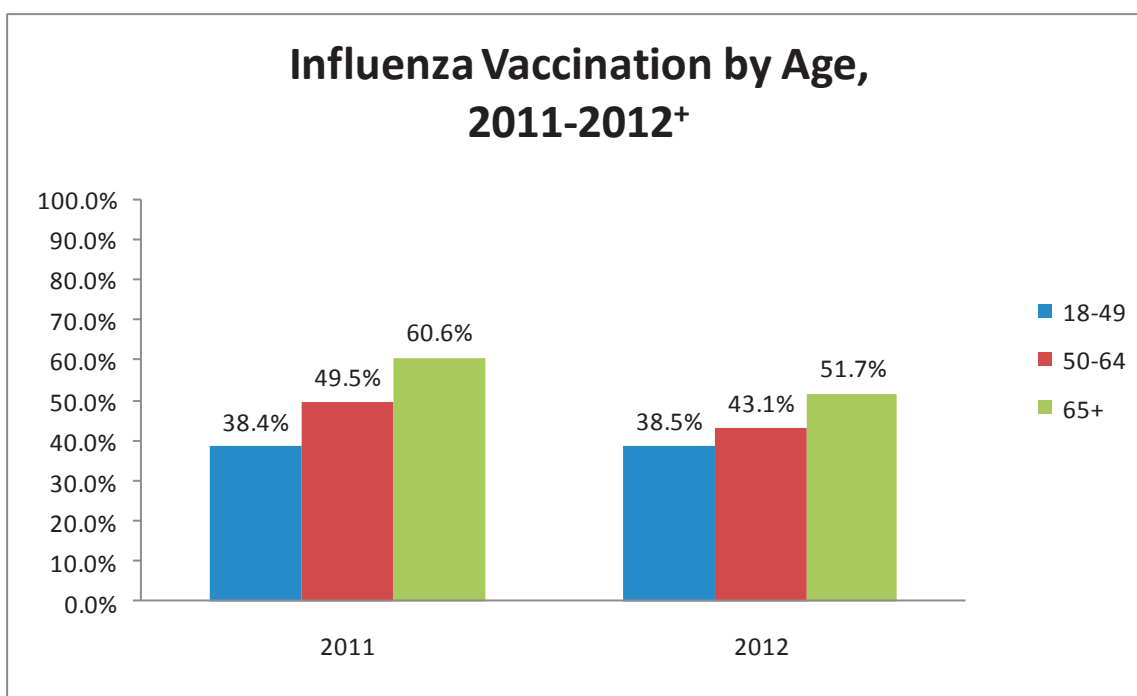
12-17 Years of Age ⁶			
Children in USIIS born between 08/01/1995 and 07/30/2001			
Total	43,566		
	Total	Percent	
1 HPV	6,093	14.0%	
2 HPV	3,718	8.5%	
3 HPV	2,276	5.2%	

12-17 Years of Age ⁶			
Children in USIIS born between 08/01/1995 and 07/30/2001			
Total	43,566		
	Total	Percent	
≥1 dose Meningococcal	16,494	37.9%	

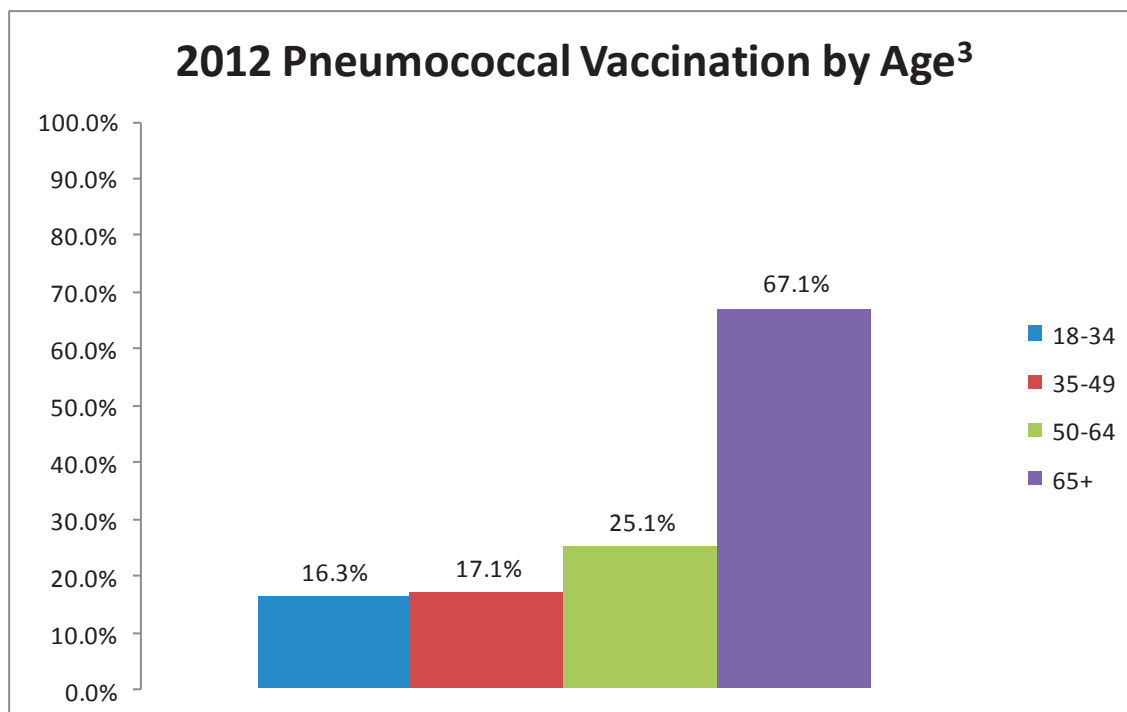
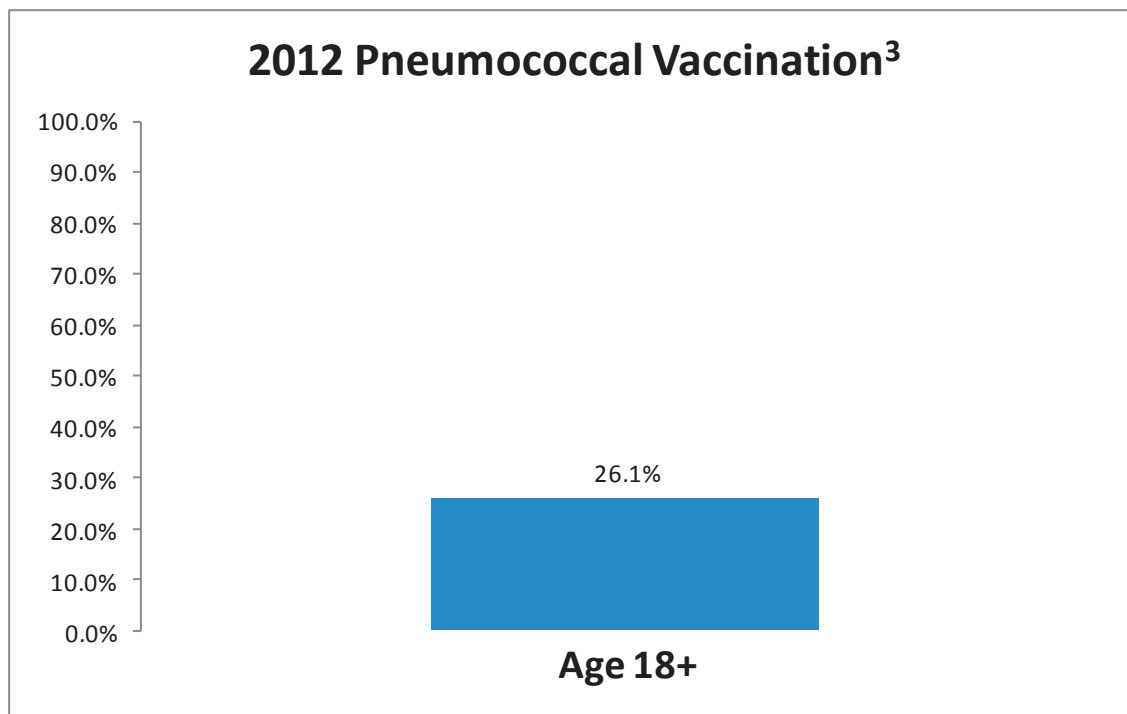
<18 Years of Age ⁶			
Children in USIIS born between 08/01/1994 and 07/30/2013			
Total	135,787		
	Total	Percent	
≥1 dose Influenza	59,789	44.0%	

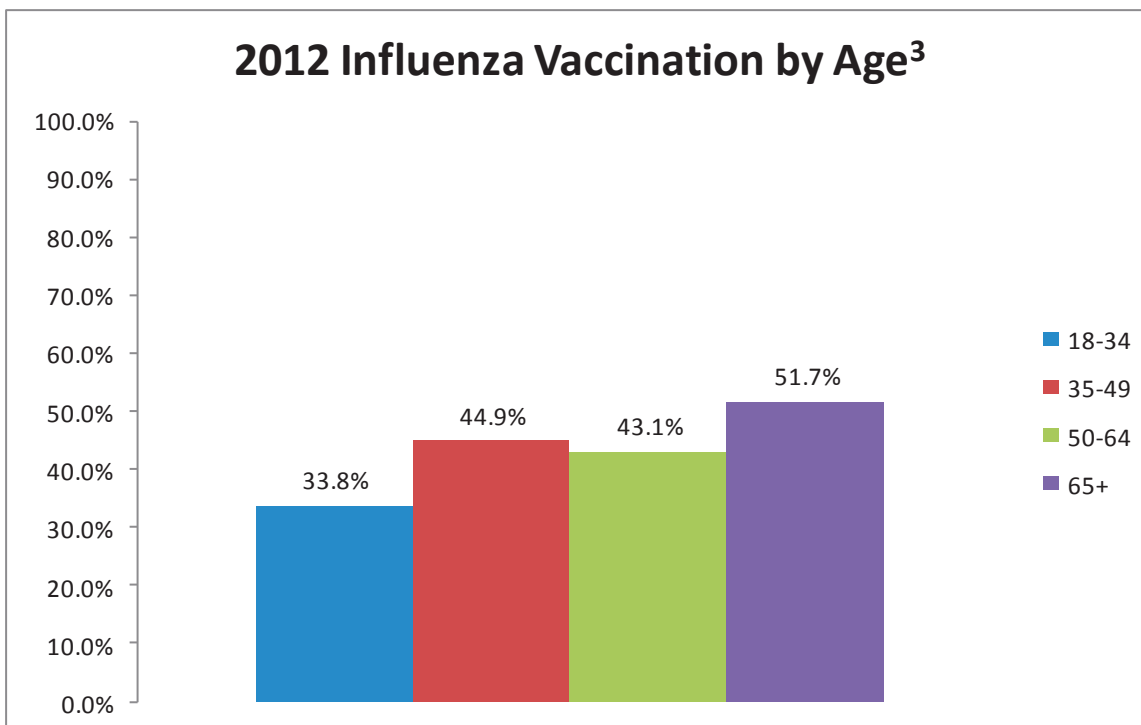
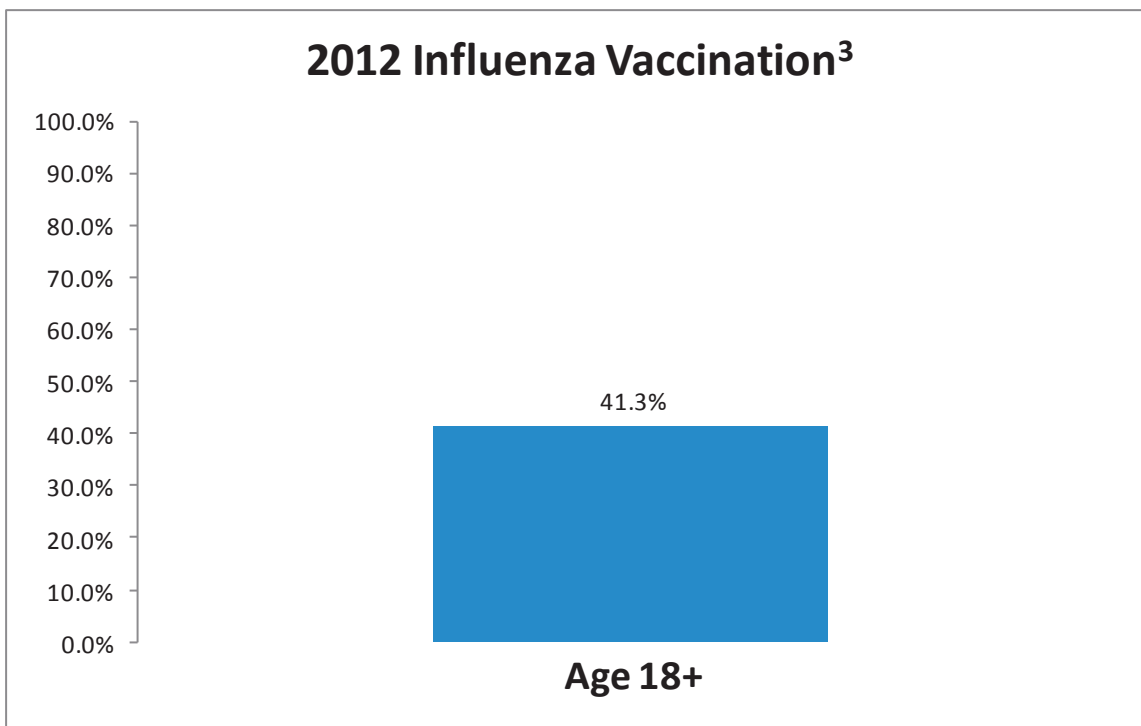
Adequately Immunized by School District 2012 ²		
Davis School District		
Davis	Adequately Immunized	Total Exemptions
Kindergarten School Entry	93.7%	3.4%
Second-Dose Measles (K-12)	97.3%	2.5%
7th Grade Entry	94.6%	3.4%

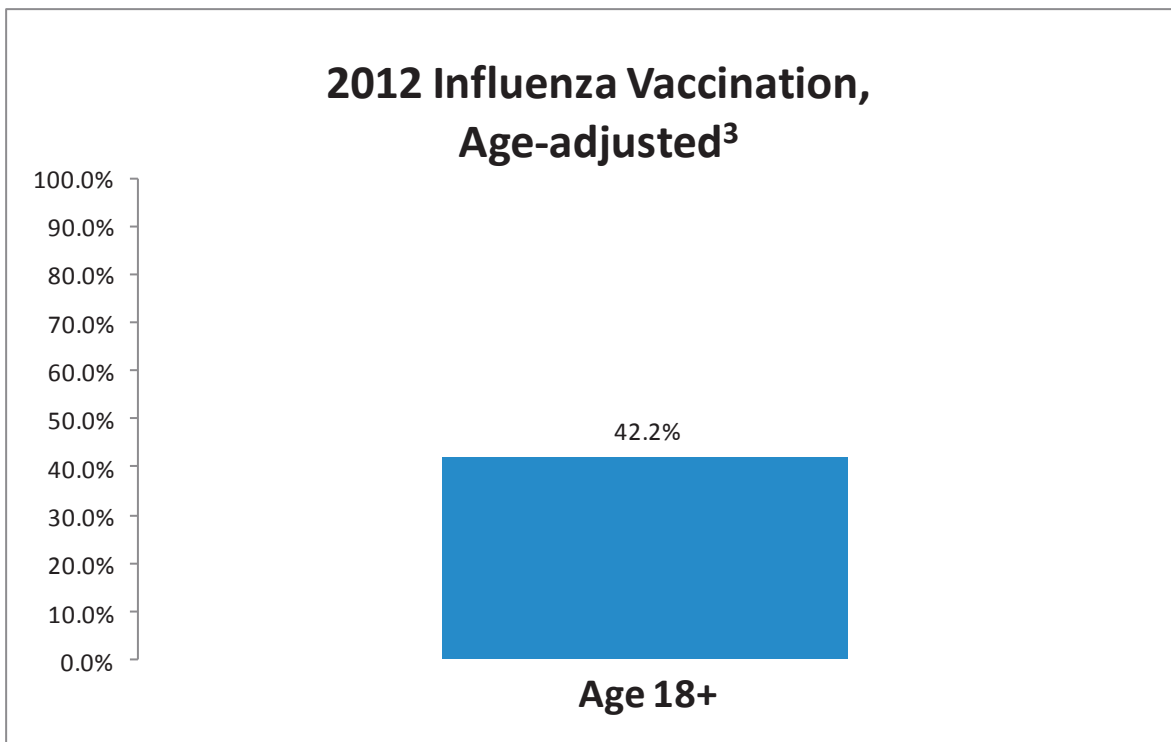
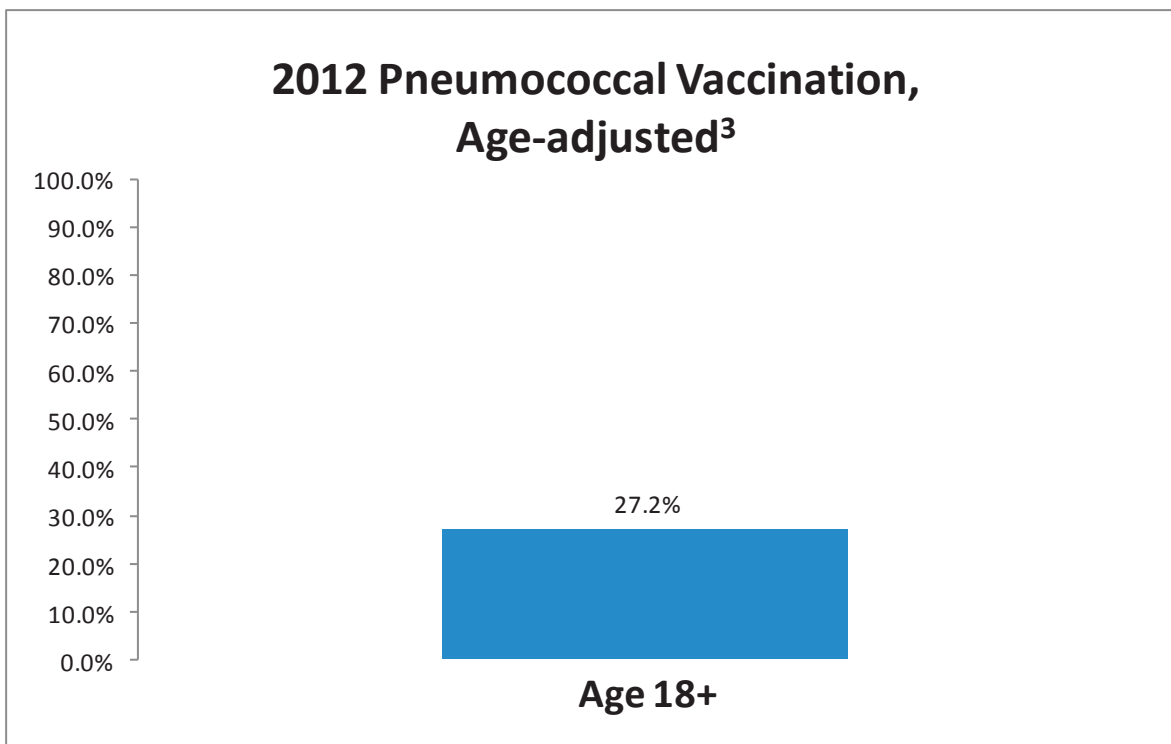
Immunized for Child Care 2012 ²		
Davis	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	85.6%	0.8%
Head Start Centers	85.1%	3.6%



⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶			
Children in USIIS born between 08/01/2010 and 07/30/2011			
Total	19,528		
	Total	Percent	
≥3 doses DTaP	15,564	79.7%	
≥4 doses DTaP	13,721	70.3%	
≥3 doses Polio	15,274	78.2%	
≥1 dose MMR	14,802	75.8%	
≥3 doses Hib	15,242	78.1%	
≥1 dose Hib	16,622	85.1%	
≥3 doses Hep B	15,157	77.6%	
Hep B Birth dose	15,507	79.4%	
≥1 dose Varicella	14,667	75.1%	
≥3 doses PCV	15,304	78.4%	
≥4 doses PCV	13,516	69.2%	
≥2 doses Hep A	11,722	60.0%	
≥1 dose Rotavirus	15,310	78.4%	
4:3:1	13,394	68.6%	
4:3:1:3	13,318	68.2%	
4:3:1:4	12,879	66.0%	
4:3:1:3:3	13,076	67.0%	
4:3:1:0:3:1	13,015	66.6%	
4:3:1:3:3:1	12,946	66.3%	
4:3:1:4:3:1	12,549	64.3%	
4:3:1:0:3:1:4	12,549	64.3%	
4:3:1:3:3:1:4	12,523	64.1%	

≤3 months of Age ⁶			
Children in USIIS born between 04/01/2013 and 07/30/2013			
Total	6,733		
	Total	Percent	
≥1 dose DTaP	4,903	72.8%	
≥1 dose Polio	4,841	71.9%	
≥1 dose Hib	4,851	72.0%	
≥1 dose Hep B	5,827	86.5%	
≥2 doses Hep B	4,494	66.7%	
≥1 dose PCV	4,865	72.3%	

≤5 months of Age ⁶			
Children in USIIS born between 02/01/2013 and 07/30/2013			
Total	9,792		
	Total	Percent	
≥2 doses DTaP	5,288	54.0%	
≥2 doses Polio	5,171	52.8%	
≥2 doses Hib	5,215	53.3%	
≥2 doses Hep B	6,843	69.9%	
≥2 doses PCV	5,224	53.3%	

<13 Months of Age⁶			
Children in USIIS born between 06/01/2012 and 07/30/2013			
Total	22,601		
		Total	Percent
≥3 doses DTaP		12,185	53.9%
≥2 doses Polio		15,448	68.4%
≥1 dose MMR		4,663	20.6%
≥2 doses Hib		15,494	68.6%
≥3 doses Hib		10,547	46.7%
≥2 doses Hep B		17,330	76.7%
≥3 doses Hep B		13,392	59.3%
≥1 dose Varicella		4,137	18.3%
≥3 doses PCV		12,018	53.2%

<19 Months of Age⁶			
Children in USIIS born between 12/01/2011 and 07/30/2013			
Total	31,727		
		Total	Percent
≥3 doses DTaP		19,286	60.8%
≥4 doses DTaP		7,134	22.5%
≥3 doses Polio		18,824	59.3%
≥1 dose MMR		11,219	35.4%
≥3 doses Hib		17,409	54.9%
≥1 dose Hib		25,737	81.1%
≥3 doses Hep B		20,329	64.1%
≥1 dose Varicella		10,479	33.0%
≥3 doses PCV		19,012	59.9%
4:3:1		6,787	21.4%
4:3:1:3		6,756	21.3%
4:3:1:4		6,526	20.6%
4:3:1:3:3		6,641	20.9%
4:3:1:0:3		6,672	21.0%
4:3:1:4:3		6,427	20.3%
4:3:1:3:3:1		6,543	20.6%
4:3:1:0:3:1		6,572	20.7%
4:3:1:4:3:1		6,342	20.0%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	39,948	
	Total	Percent
≥3 doses DTaP	25,864	64.7%
≥4 doses DTaP	12,709	31.8%
≥3 doses Polio	25,288	63.3%
≥1 dose MMR	17,370	43.5%
≥3 doses Hib	23,849	59.7%
≥1 dose Hib	32,780	82.1%
≥3 doses Hep B	26,736	66.9%
≥1 dose Varicella	16,524	41.4%
≥3 doses PCV	25,483	63.8%
≥4 doses PCV	14,691	36.8%
4:3:1	12,228	30.6%
4:3:1:3	12,178	30.5%
4:3:1:4	11,785	29.5%
4:3:1:3:3	11,977	30.0%
4:3:1:0:3	12,025	30.1%
4:3:1:4:3	11,612	29.1%
4:3:1:3:3:1	11,804	29.5%
4:3:1:0:3:1	11,849	29.7%
4:3:1:4:3:1	11,466	28.7%

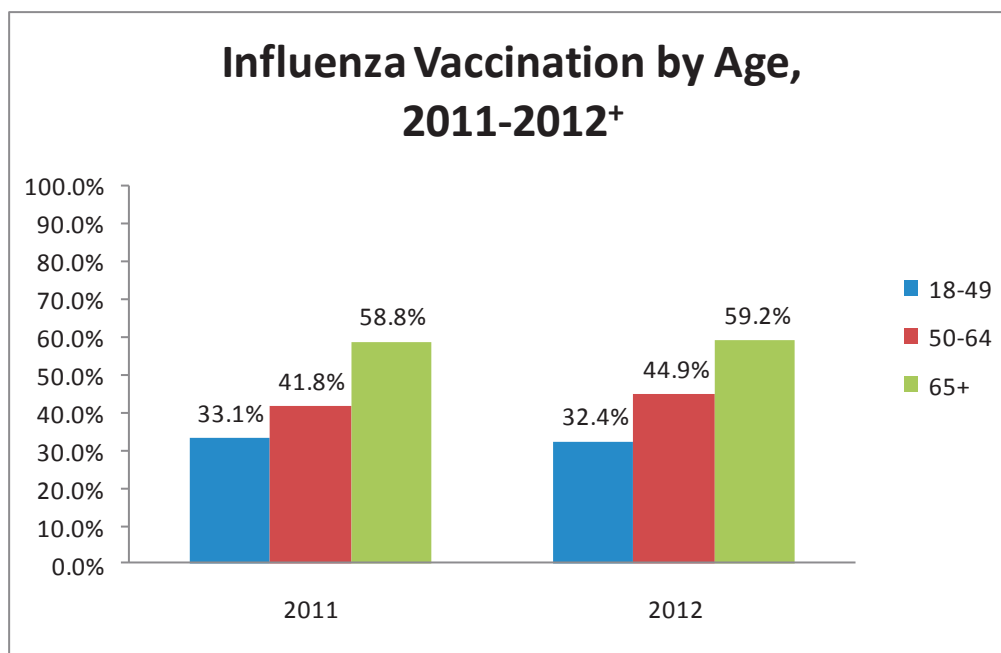
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	156,914		
		Total	Percent
1 HPV		24,869	15.8%
2 HPV		16,542	10.5%
3 HPV		10,933	7.0%

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	156,914		
		Total	Percent
≥1 dose Meningococcal		61,876	39.4%

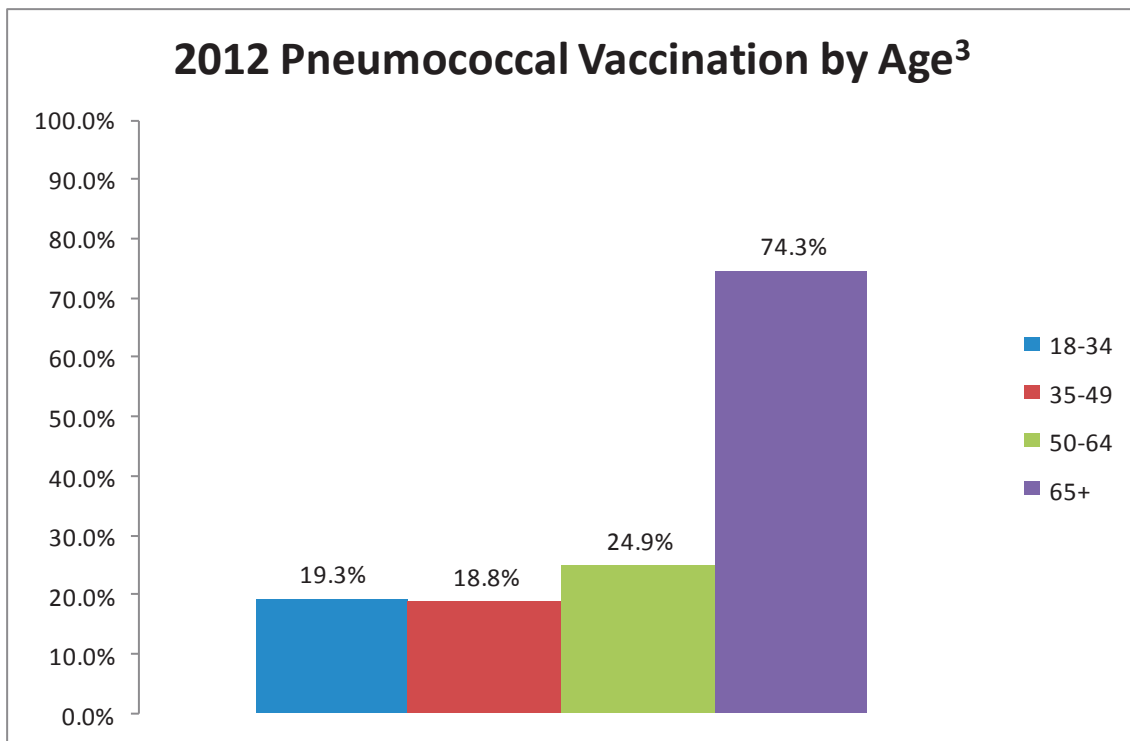
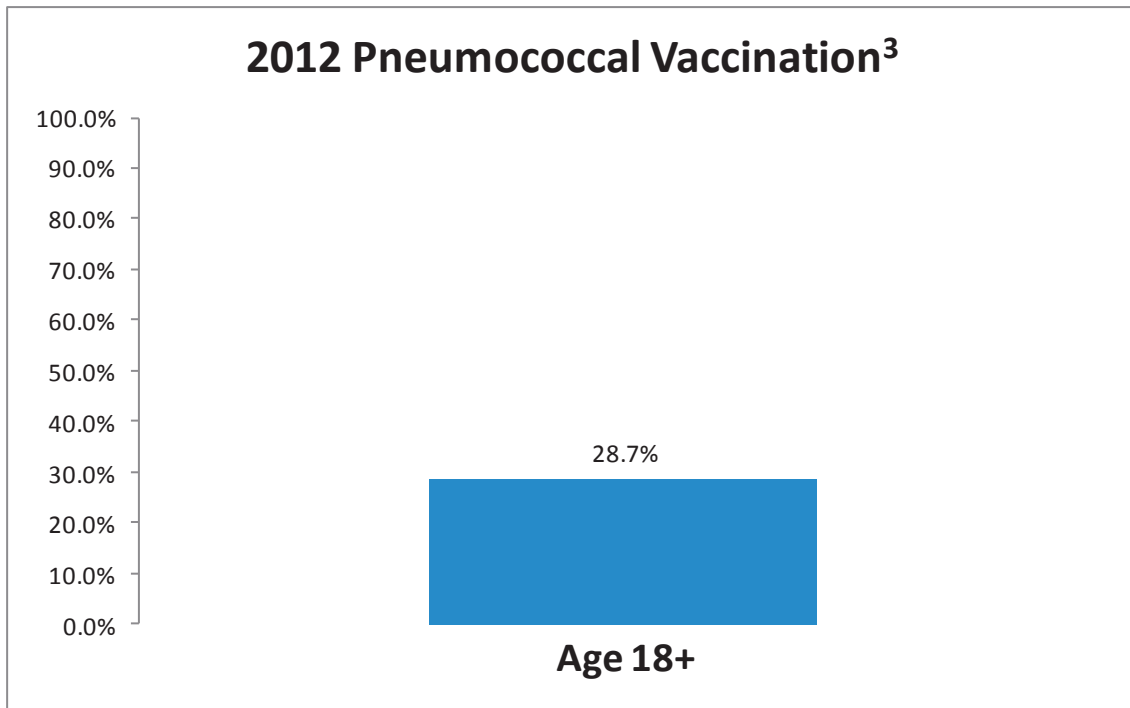
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	461,803		
		Total	Percent
≥1 dose Influenza		218,282	47.3%

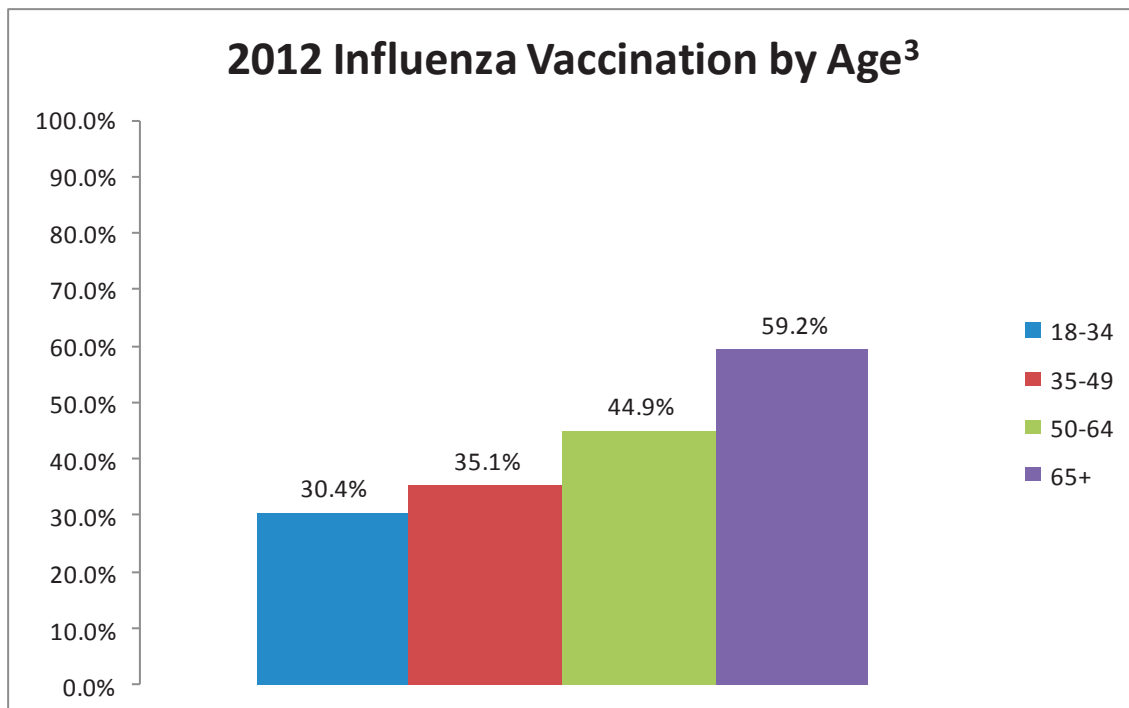
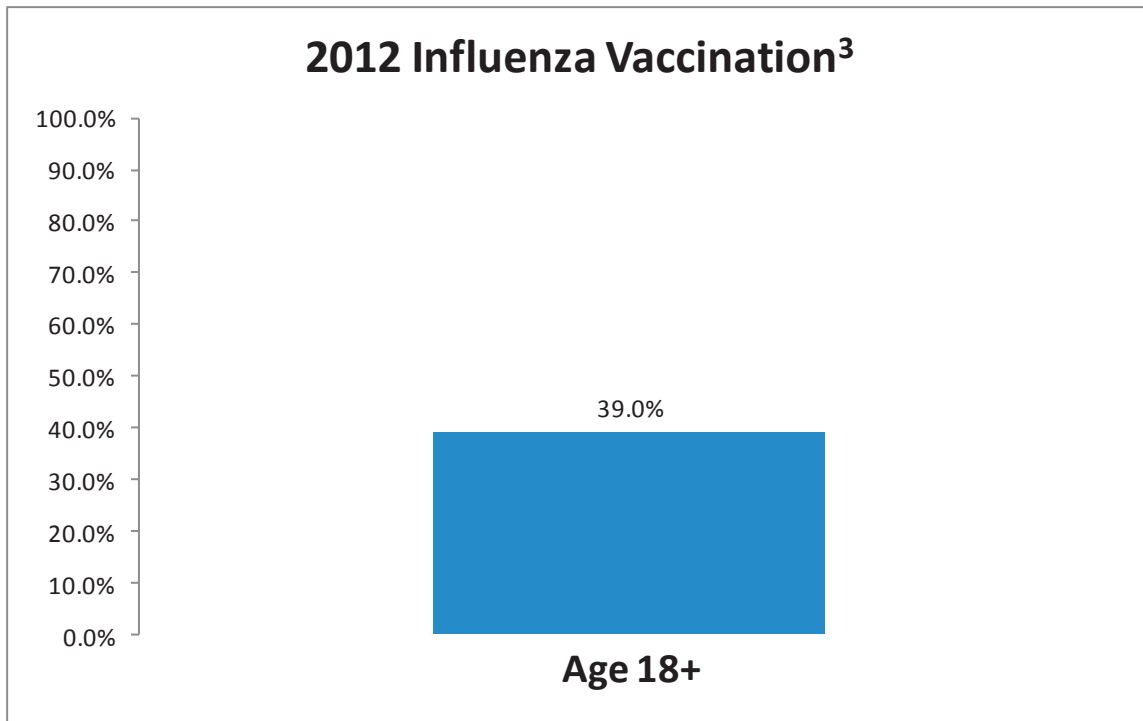
Adequately Immunized by School District 2012²										
Salt Lake	Canyons		Granite		Jordan		Murray		Salt Lake	
	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp
Kindergarten School Entry	92.2%	4.4%	94.2%	2.2%	90.9%	3.1%	90.3%	2.0%	92.3%	2.4%
Second-Dose Measles (K-12)	97.1%	2.7%	97.9%	1.9%	96.2%	3.4%	96.9%	2.5%	97.8%	1.3%
7th Grade Entry	95.9%	3.6%	97.6%	1.8%	95.1%	4.1%	95.3%	3.9%	92.2%	1.1%

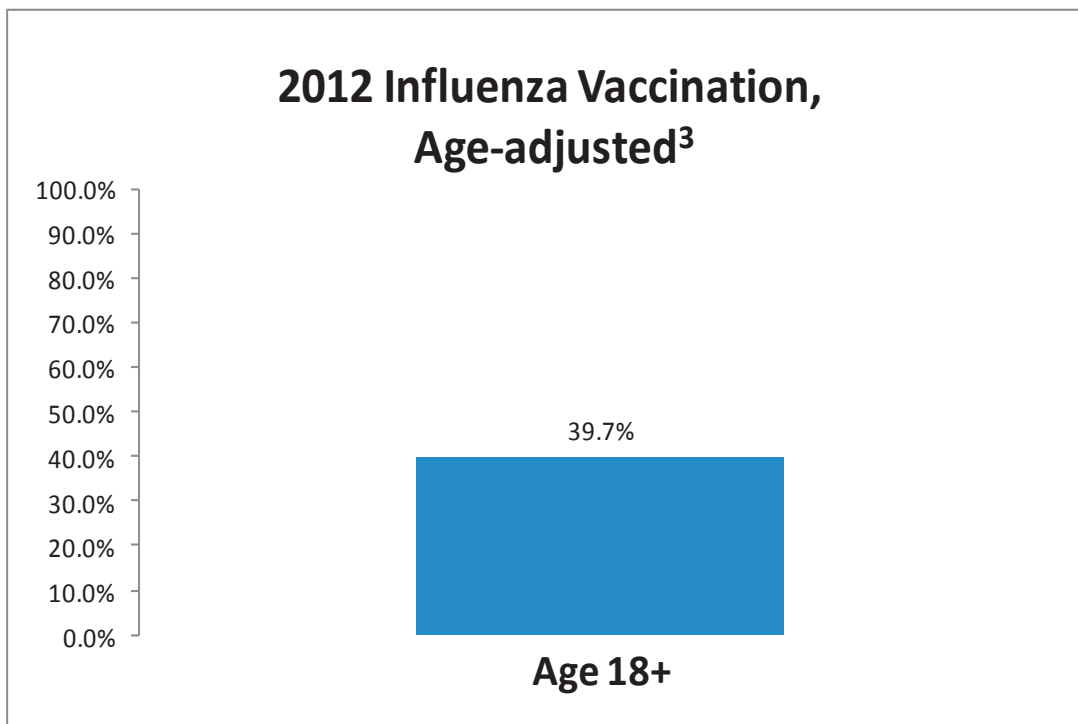
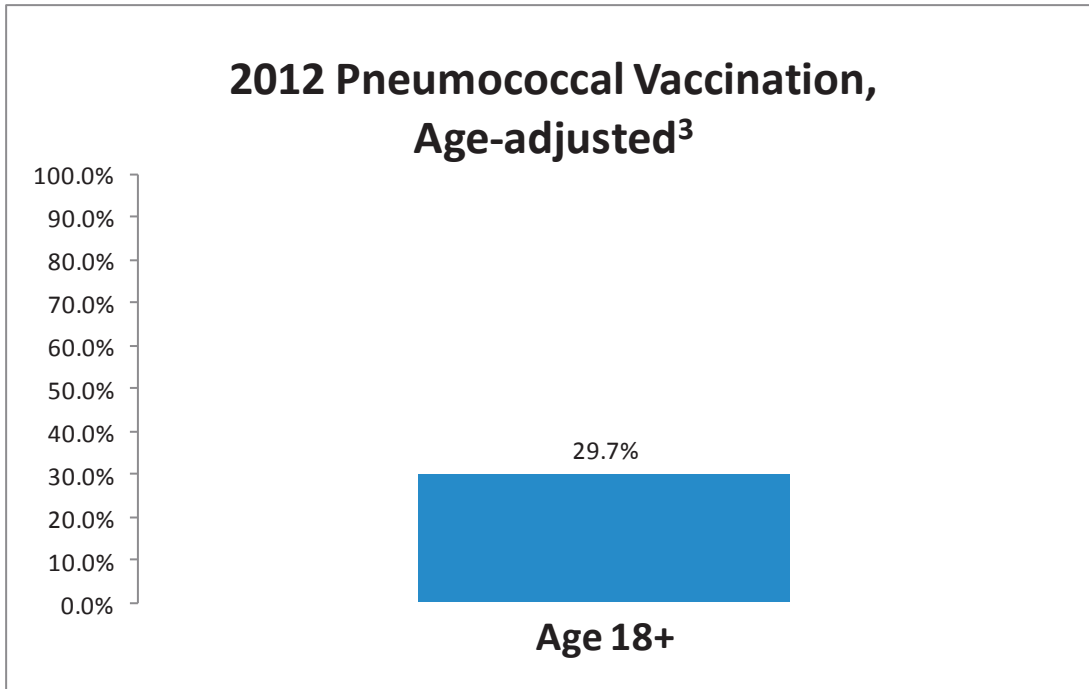
Immunized for Child Care 2012²		
Salt Lake	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	90.9%	1.5%
Head Start Centers	93.8%	6.3%



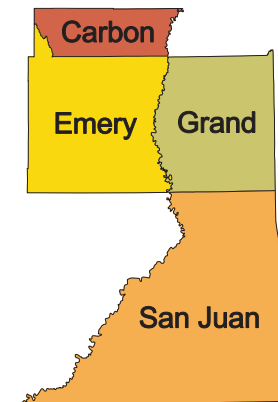
⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.







Early Childhood Immunization



24-35 months of Age ⁶			
Children in USIIS born between 08/01/2010 and 07/30/2011			
Total	897		
	Total	Percent	
≥3 doses DTaP	474	52.8%	
≥4 doses DTaP	368	41.0%	
≥3 doses Polio	462	51.5%	
≥1 dose MMR	450	50.2%	
≥3 doses Hib	442	49.3%	
≥1 dose Hib	580	64.7%	
≥3 doses Hep B	476	53.1%	
Hep B Birth dose	719	80.2%	
≥1 dose Varicella	441	49.2%	
≥3 doses PCV	449	50.1%	
≥4 doses PCV	329	36.7%	
≥2 doses Hep A	272	30.3%	
≥1 dose Rotavirus	426	47.5%	
4:3:1	354	39.5%	
4:3:1:3	346	38.6%	
4:3:1:4	300	33.4%	
4:3:1:3:3	338	37.7%	
4:3:1:0:3:1	335	37.3%	
4:3:1:3:3:1	328	36.6%	
4:3:1:4:3:1	284	31.7%	
4:3:1:0:3:1:4	284	31.7%	
4:3:1:3:3:1:4	280	31.2%	

≤3 months of Age ⁶			
Children in USIIS born between 04/01/2013 and 07/30/2013			
Total	304		
	Total	Percent	
≥1 dose DTaP	147	48.4%	
≥1 dose Polio	146	48.0%	
≥1 dose Hib	147	48.4%	
≥1 dose Hep B	277	91.1%	
≥2 doses Hep B	135	44.4%	
≥1 dose PCV	145	47.7%	

≤5 months of Age ⁶			
Children in USIIS born between 02/01/2013 and 07/30/2013			
Total	434		
	Total	Percent	
≥2 doses DTaP	132	30.4%	
≥2 doses Polio	131	30.2%	
≥2 doses Hib	129	29.7%	
≥2 doses Hep B	210	48.4%	
≥2 doses PCV	131	30.2%	

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<13 Months of Age⁶			
Children in USIIS born between 06/01/2012 and 07/30/2013			
Total	988		
		Total	Percent
≥3 doses DTaP		275	27.8%
≥2 doses Polio		425	43.0%
≥1 dose MMR		100	10.1%
≥2 doses Hib		411	41.6%
≥3 doses Hib		202	20.4%
≥2 doses Hep B		544	55.1%
≥3 doses Hep B		360	36.4%
≥1 dose Varicella		100	10.1%
≥3 doses PCV		265	26.8%

<19 Months of Age⁶			
Children in USIIS born between 12/01/2011 and 07/30/2013			
Total	1,389		
		Total	Percent
≥3 doses DTaP		481	34.6%
≥4 doses DTaP		147	10.6%
≥3 doses Polio		469	33.8%
≥1 dose MMR		267	19.2%
≥3 doses Hib		390	28.1%
≥1 dose Hib		834	60.0%
≥3 doses Hep B		569	41.0%
≥1 dose Varicella		266	19.2%
≥3 doses PCV		458	33.0%
4:3:1		138	9.9%
4:3:1:3		133	9.6%
4:3:1:4		103	7.4%
4:3:1:3:3		133	9.6%
4:3:1:0:3		138	9.9%
4:3:1:4:3		103	7.4%
4:3:1:3:3:1		130	9.4%
4:3:1:0:3:1		135	9.7%
4:3:1:4:3:1		102	7.3%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	1,783	
	Total	Percent
≥3 doses DTaP	698	39.1%
≥4 doses DTaP	303	17.0%
≥3 doses Polio	680	38.1%
≥1 dose MMR	477	26.8%
≥3 doses Hib	596	33.4%
≥1 dose Hib	1,105	62.0%
≥3 doses Hep B	792	44.4%
≥1 dose Varicella	473	26.5%
≥3 doses PCV	663	37.2%
≥4 doses PCV	306	17.2%
4:3:1	290	16.3%
4:3:1:3	283	15.9%
4:3:1:4	234	13.1%
4:3:1:3:3	282	15.8%
4:3:1:0:3	289	16.2%
4:3:1:4:3	234	13.1%
4:3:1:3:3:1	278	15.6%
4:3:1:0:3:1	285	16.0%
4:3:1:4:3:1	232	13.0%

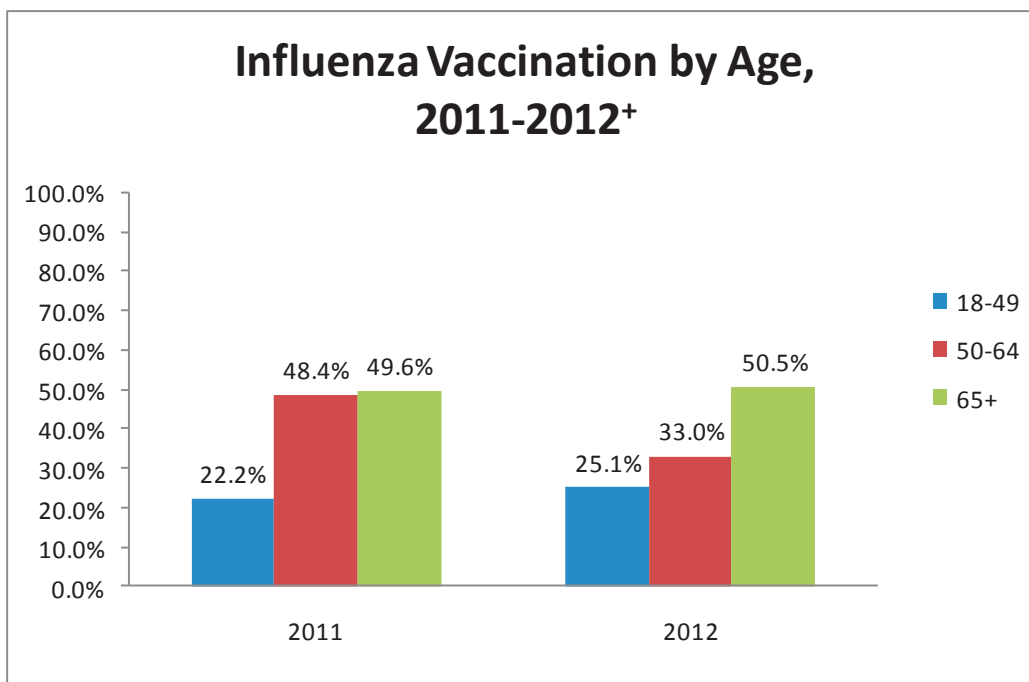
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	6,925		
	Total	Percent	
1 HPV	745	10.8%	
2 HPV	442	6.4%	
3 HPV	251	3.6%	

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	6,925		
	Total	Percent	
≥1 dose Meningococcal	1,462	21.1%	

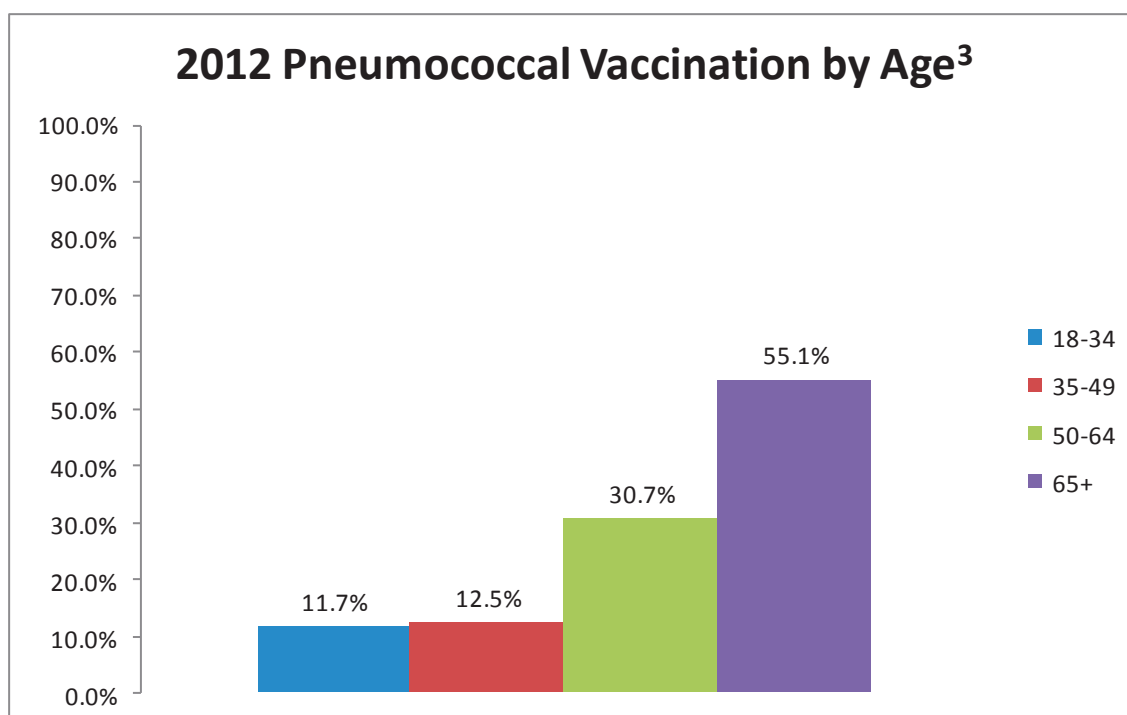
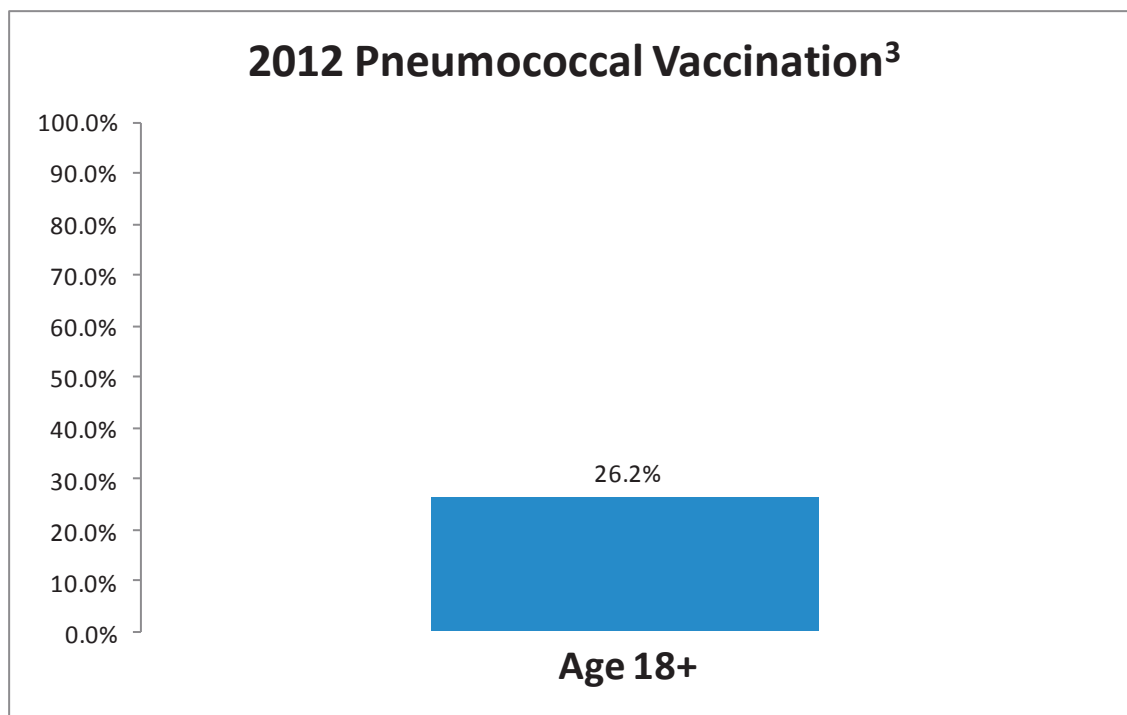
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	20,409		
	Total	Percent	
≥1 dose Influenza	6,403	31.4%	

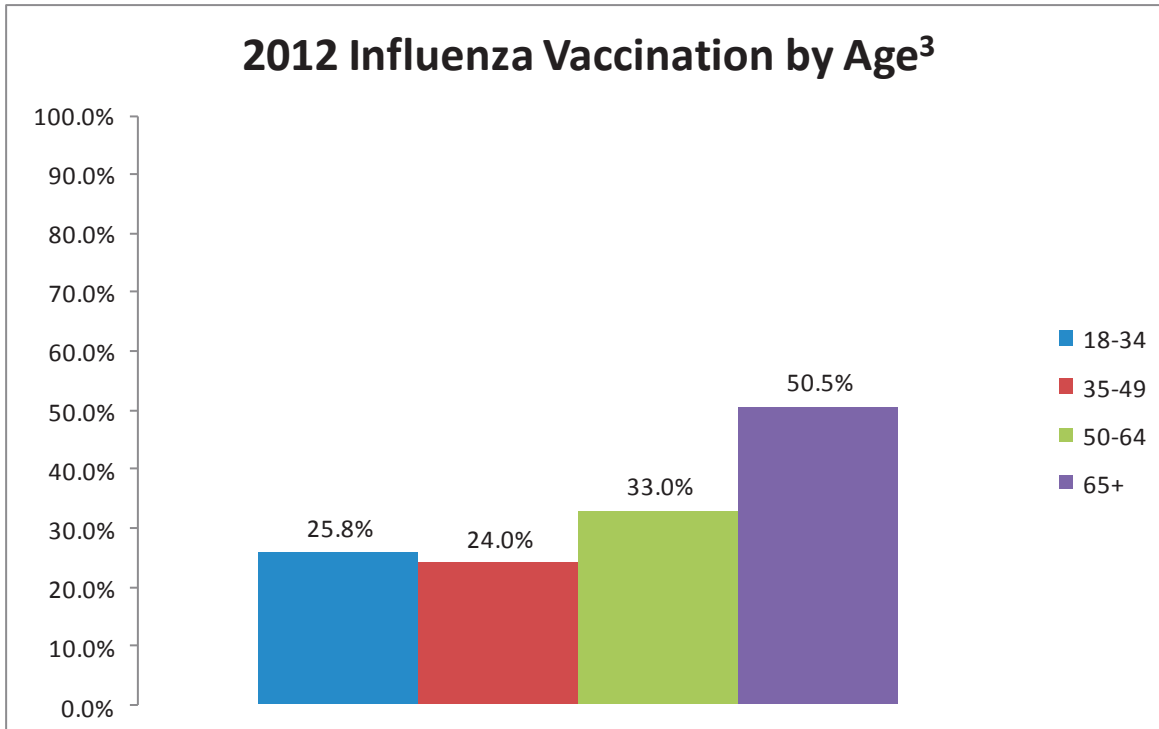
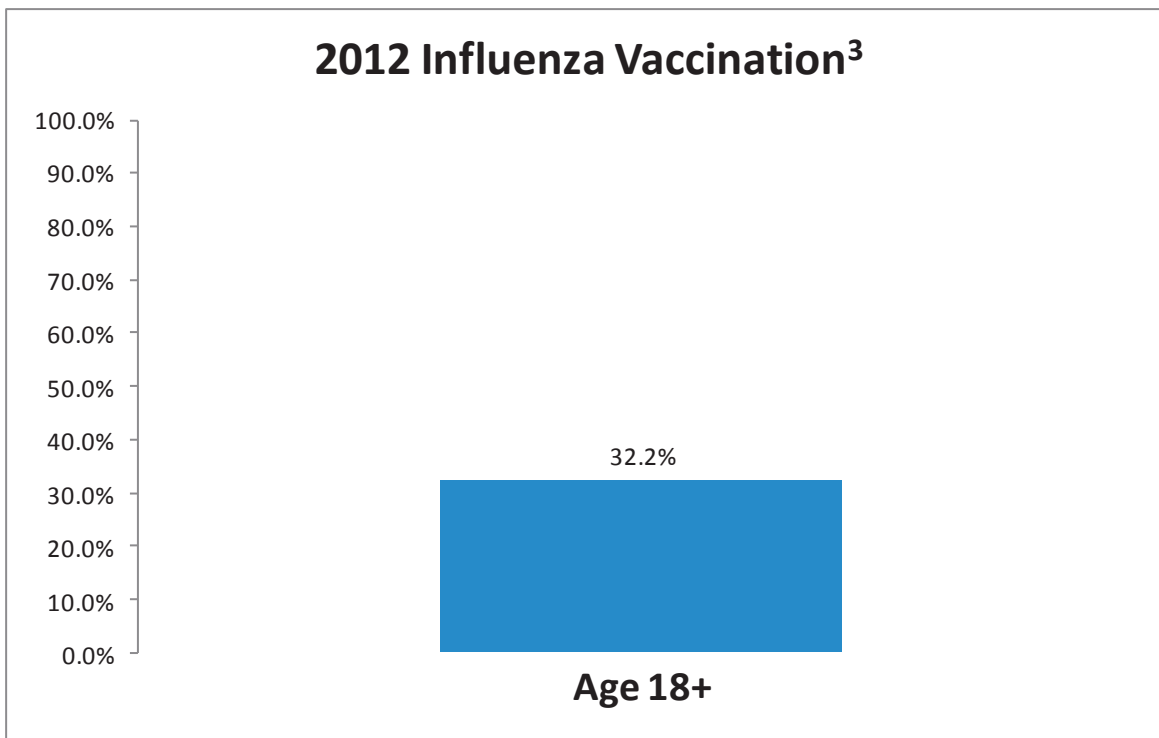
Adequately Immunized by School District 2012 ²								
Southeastern	Carbon		Emery		Grand		San Juan	
	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	74.5%	1.5%	87.2%	5.1%	99.0%	1.0%	93.4%	2.2%
Second-Dose Measles (K-12)	96.3%	1.5%	96.6%	3.1%	97.1%	2.9%	97.0%	2.4%
7th Grade Entry	94.7%	2.3%	95.0%	5.0%	95.3%	4.7%	94.6%	2.3%

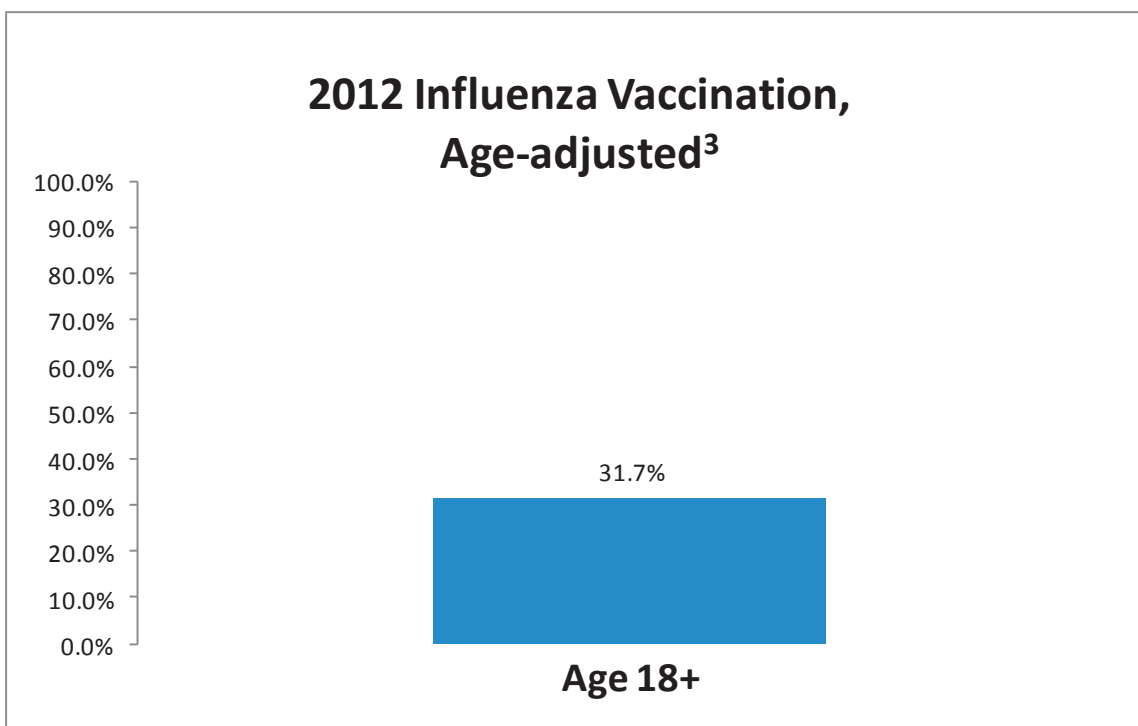
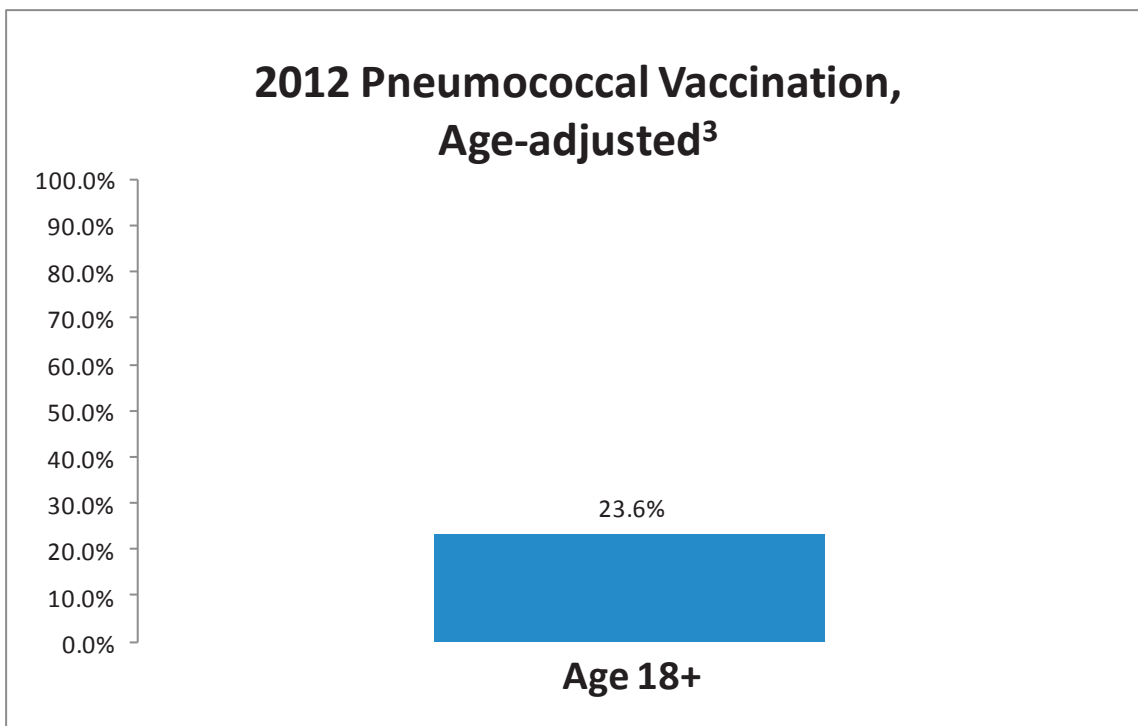
Immunized for Child Care 2012 ²		
Southeastern	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	92.8%	2.9%
Head Start Centers	67.7%	1.0%

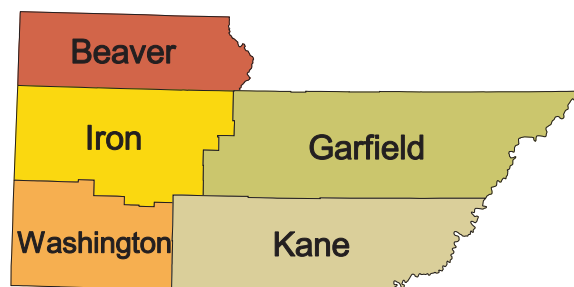


⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	3,702	
	Total	Percent
≥3 doses DTaP	2,687	72.6%
≥4 doses DTaP	2,270	61.3%
≥3 doses Polio	2,626	70.9%
≥1 dose MMR	2,636	71.2%
≥3 doses Hib	2,601	70.3%
≥1 dose Hib	3,010	81.3%
≥3 doses Hep B	2,623	70.9%
Hep B Birth dose	2,491	67.3%
≥1 dose Varicella	2,621	70.8%
≥3 doses PCV	2,654	71.7%
≥4 doses PCV	2,281	61.6%
≥2 doses Hep A	1,853	50.1%
≥1 dose Rotavirus	2,624	70.9%
4:3:1	2,184	59.0%
4:3:1:3	2,154	58.2%
4:3:1:4	2,063	55.7%
4:3:1:3:3	2,096	56.6%
4:3:1:0:3:1	2,099	56.7%
4:3:1:3:3:1	2,070	55.9%
4:3:1:4:3:1	1,988	53.7%
4:3:1:0:3:1:4	1,988	53.7%
4:3:1:3:3:1:4	1,972	53.3%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	1,126	
	Total	Percent
≥1 dose DTaP	897	79.7%
≥1 dose Polio	892	79.2%
≥1 dose Hib	897	79.7%
≥1 dose Hep B	976	86.7%
≥2 doses Hep B	815	72.4%
≥1 dose PCV	881	78.2%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	1,612	
	Total	Percent
≥2 doses DTaP	863	53.5%
≥2 doses Polio	858	53.2%
≥2 doses Hib	844	52.4%
≥2 doses Hep B	1,198	74.3%
≥2 doses PCV	852	52.9%

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<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	3,805	
	Total	Percent
≥3 doses DTaP	1,881	49.4%
≥2 doses Polio	2,560	67.3%
≥1 dose MMR	758	19.9%
≥2 doses Hib	2,553	67.1%
≥3 doses Hib	1,340	35.2%
≥2 doses Hep B	2,983	78.4%
≥3 doses Hep B	2,318	60.9%
≥1 dose Varicella	759	19.9%
≥3 doses PCV	1,879	49.4%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	5,428	
	Total	Percent
≥3 doses DTaP	3,018	55.6%
≥4 doses DTaP	914	16.8%
≥3 doses Polio	2,933	54.0%
≥1 dose MMR	1,796	33.1%
≥3 doses Hib	2,399	44.2%
≥1 dose Hib	4,474	82.4%
≥3 doses Hep B	3,502	64.5%
≥1 dose Varicella	1,795	33.1%
≥3 doses PCV	3,003	55.3%
4:3:1	859	15.8%
4:3:1:3	846	15.6%
4:3:1:4	789	14.5%
4:3:1:3:3	835	15.4%
4:3:1:0:3	848	15.6%
4:3:1:4:3	778	14.3%
4:3:1:3:3:1	822	15.1%
4:3:1:0:3:1	835	15.4%
4:3:1:4:3:1	769	14.2%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	6,870	
	Total	Percent
≥3 doses DTaP	4,074	59.3%
≥4 doses DTaP	1,737	25.3%
≥3 doses Polio	3,959	57.6%
≥1 dose MMR	2,773	40.4%
≥3 doses Hib	3,415	49.7%
≥1 dose Hib	5,678	82.6%
≥3 doses Hep B	4,511	65.7%
≥1 dose Varicella	2,789	40.6%
≥3 doses PCV	4,049	58.9%
≥4 doses PCV	2,237	32.6%
4:3:1	1,644	23.9%
4:3:1:3	1,625	23.7%
4:3:1:4	1,523	22.2%
4:3:1:3:3	1,570	22.9%
4:3:1:0:3	1,589	23.1%
4:3:1:4:3	1,470	21.4%
4:3:1:3:3:1	1,545	22.5%
4:3:1:0:3:1	1,564	22.8%
4:3:1:4:3:1	1,450	21.1%

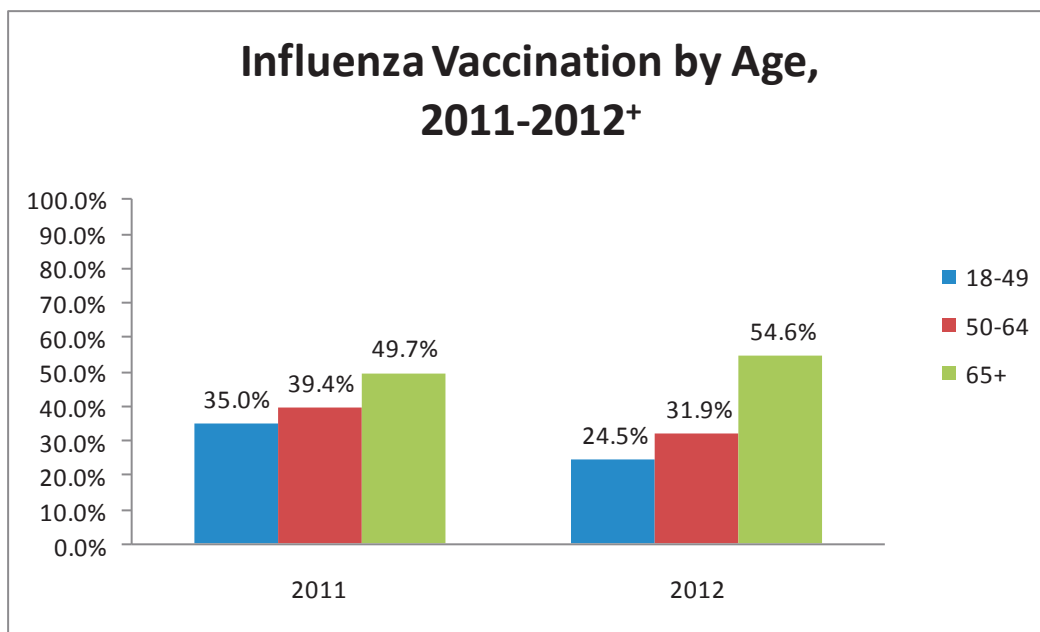
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	29,189		
	Total	Percent	
1 HPV	2,724	9.3%	
2 HPV	1,738	6.0%	
3 HPV	1,086	3.7%	

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	29,189		
	Total	Percent	
≥1 dose Meningococcal	7,658	26.2%	

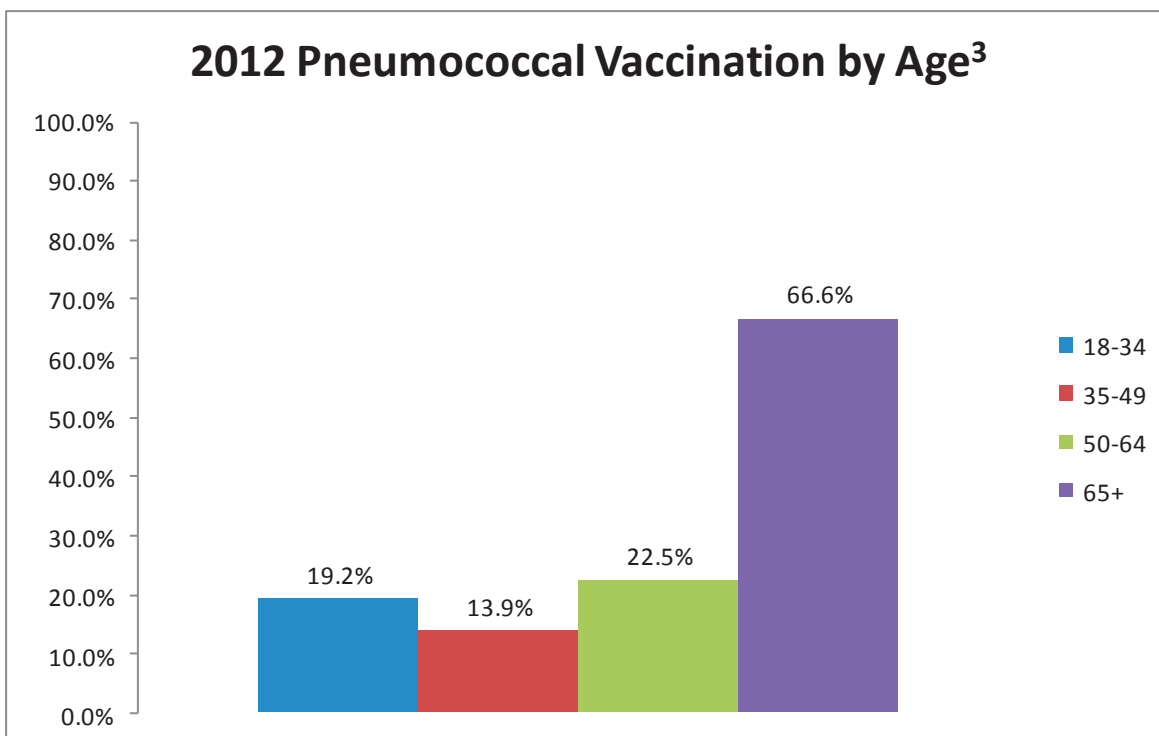
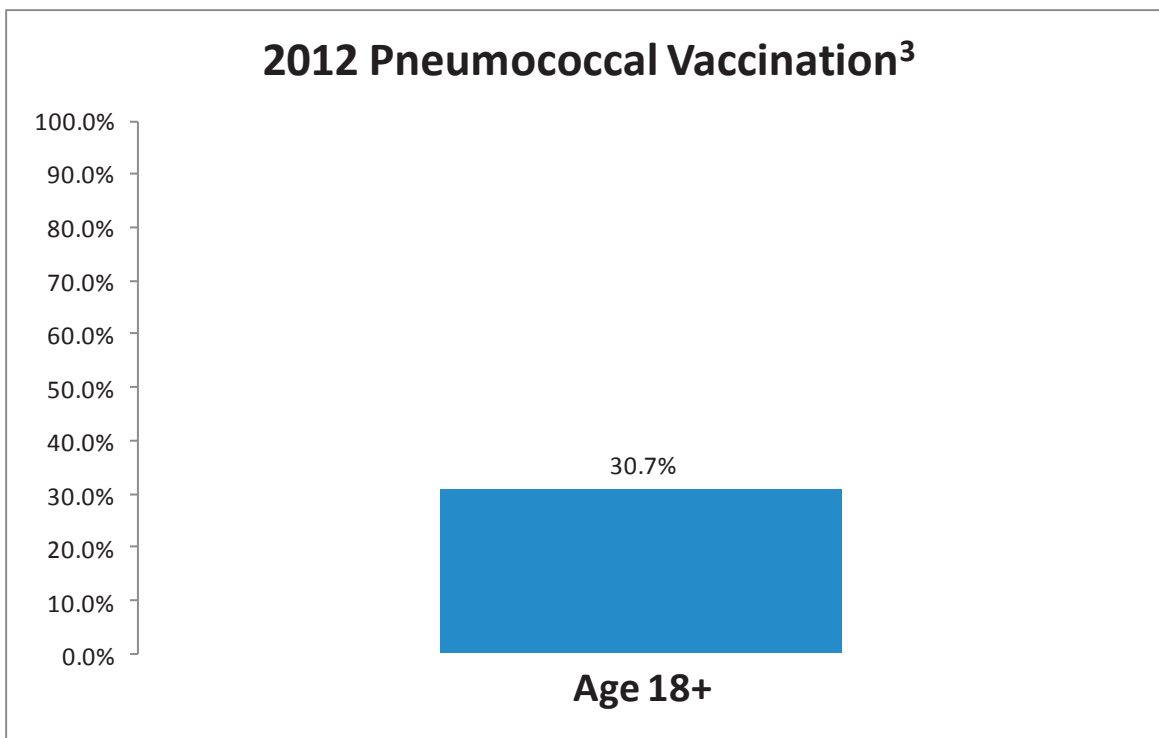
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	87,172		
	Total	Percent	
≥1 dose Influenza	26,829	30.8%	

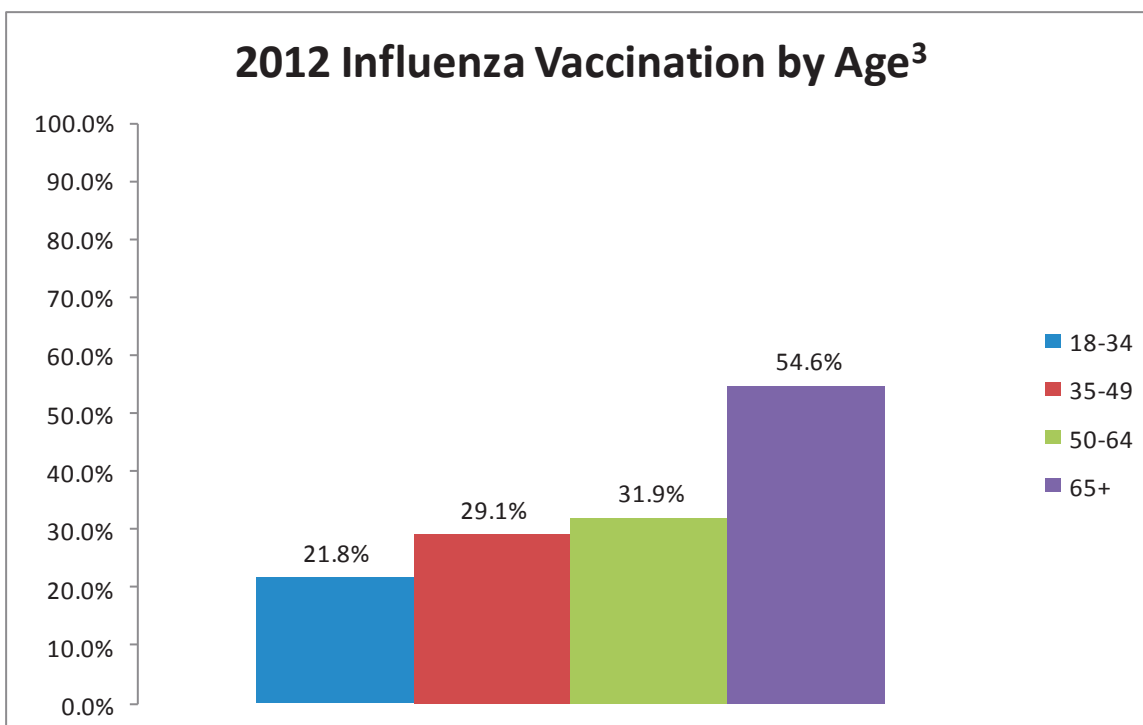
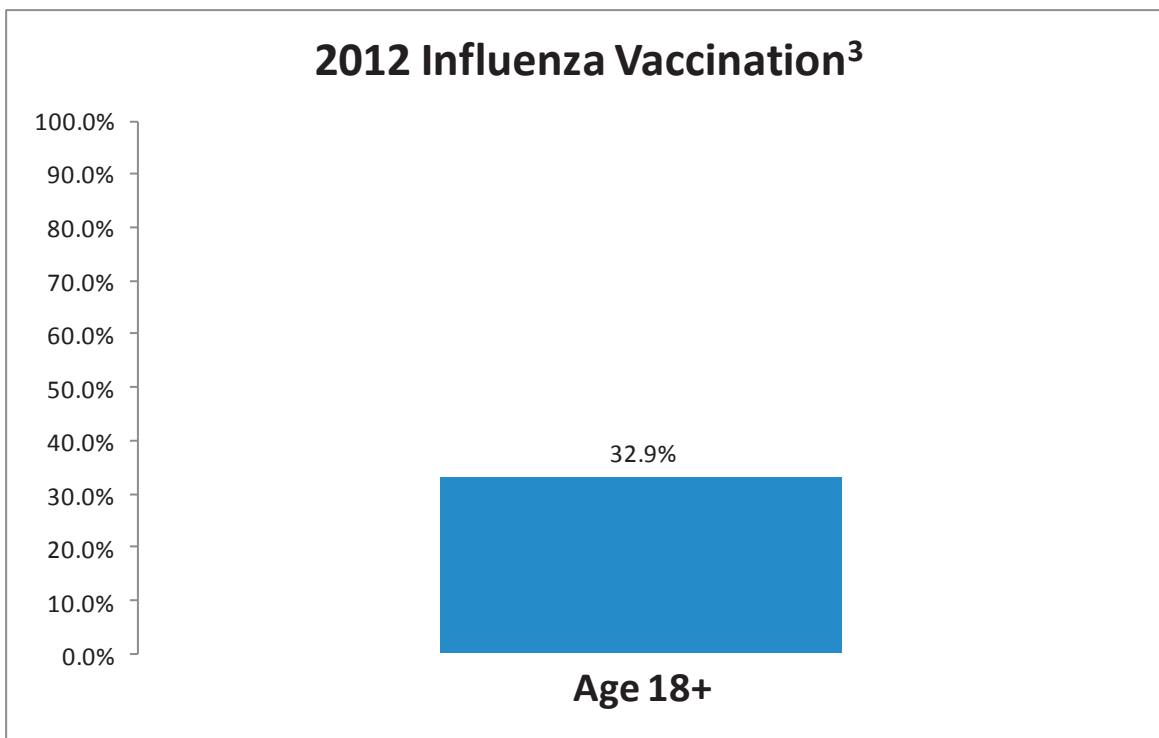
Adequately Immunized by School District 2012 ²										
Southwest	Beaver		Garfield		Iron		Kane		Washington	
	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	93.6%	4.6%	88.9%	5.6%	87.3%	4.7%	87.1%	11.9%	91.6%	6.2%
Second-Dose Measles (K-12)	98.5%	1.3%	98.2%	1.8%	96.4%	3.3%	92.8%	7.2%	94.7%	5.0%
7th Grade Entry	95.5%	2.3%	94.4%	4.2%	94.0%	4.8%	92.1%	8.0%	92.4%	6.0%

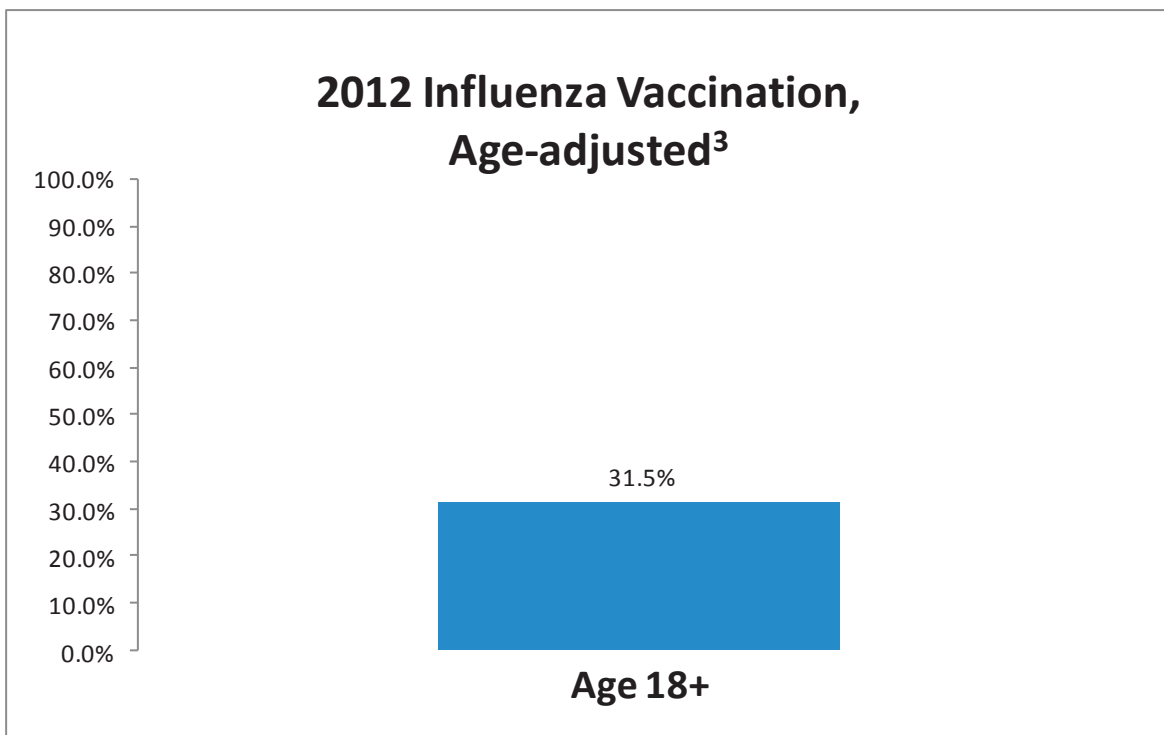
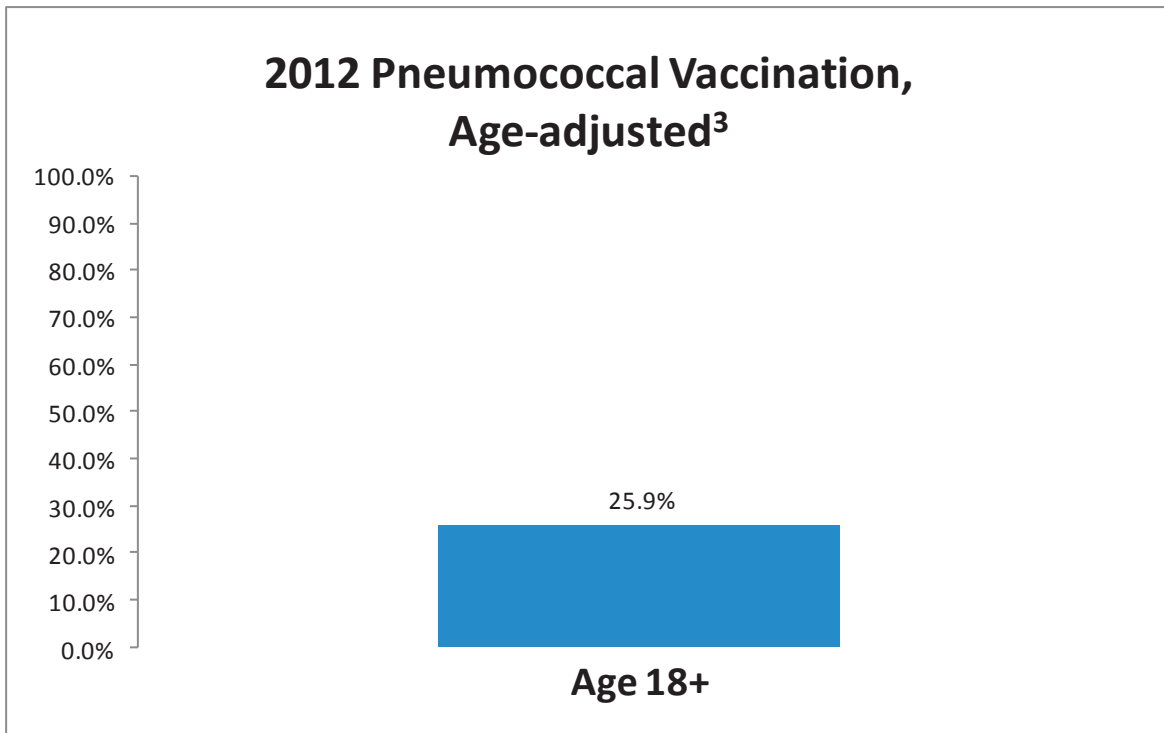
Immunized for Child Care 2012 ²		
Southwest	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	84.1%	2.9%
Head Start Centers	92.5%	2.6%



⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	596	
	Total	Percent
≥3 doses DTaP	446	74.8%
≥4 doses DTaP	385	64.6%
≥3 doses Polio	415	69.6%
≥1 dose MMR	411	69.0%
≥3 doses Hib	417	70.0%
≥1 dose Hib	471	79.0%
≥3 doses Hep B	394	66.1%
Hep B Birth dose	369	61.9%
≥1 dose Varicella	392	65.8%
≥3 doses PCV	436	73.2%
≥4 doses PCV	384	64.4%
≥2 doses Hep A	318	53.4%
≥1 dose Rotavirus	441	74.0%
4:3:1	350	58.7%
4:3:1:3	334	56.0%
4:3:1:4	332	55.7%
4:3:1:3:3	313	52.5%
4:3:1:0:3:1	321	53.9%
4:3:1:3:3:1	306	51.3%
4:3:1:4:3:1	306	51.3%
4:3:1:0:3:1:4	306	51.3%
4:3:1:3:3:1:4	293	49.2%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	163	
	Total	Percent
≥1 dose DTaP	116	71.2%
≥1 dose Polio	111	68.1%
≥1 dose Hib	118	72.4%
≥1 dose Hep B	126	77.3%
≥2 doses Hep B	92	56.4%
≥1 dose PCV	119	73.0%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	248	
	Total	Percent
≥2 doses DTaP	130	52.4%
≥2 doses Polio	130	52.4%
≥2 doses Hib	127	51.2%
≥2 doses Hep B	149	60.1%
≥2 doses PCV	138	55.6%

USIIS data queries are performed beginning August 15, 2013 and ending August 20, 2013. USIIS data are the most current because of querying methods in 2013. Please read results of USIIS with caution. Service areas vary because of the number of users who enter data into USIIS.

Summit County Early Childhood Immunization 2013

<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	569	
	Total	Percent
≥3 doses DTaP	269	47.3%
≥2 doses Polio	377	66.3%
≥1 dose MMR	110	19.3%
≥2 doses Hib	371	65.2%
≥3 doses Hib	265	46.6%
≥2 doses Hep B	390	68.5%
≥3 doses Hep B	261	45.9%
≥1 dose Varicella	56	9.8%
≥3 doses PCV	297	52.2%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	828	
	Total	Percent
≥3 doses DTaP	455	55.0%
≥4 doses DTaP	170	20.5%
≥3 doses Polio	412	49.8%
≥1 dose MMR	279	33.7%
≥3 doses Hib	440	53.1%
≥1 dose Hib	645	77.9%
≥3 doses Hep B	431	52.1%
≥1 dose Varicella	203	24.5%
≥3 doses PCV	485	58.6%
4:3:1	145	17.5%
4:3:1:3	139	16.8%
4:3:1:4	141	17.0%
4:3:1:3:3	127	15.3%
4:3:1:0:3	132	15.9%
4:3:1:4:3	129	15.6%
4:3:1:3:3:1	120	14.5%
4:3:1:0:3:1	123	14.9%
4:3:1:4:3:1	120	14.5%

Summit County Early Childhood Immunization 2013

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	1,047	
	Total	Percent
≥3 doses DTaP	623	59.5%
≥4 doses DTaP	311	29.7%
≥3 doses Polio	568	54.3%
≥1 dose MMR	438	41.8%
≥3 doses Hib	599	57.2%
≥1 dose Hib	828	79.1%
≥3 doses Hep B	578	55.2%
≥1 dose Varicella	354	33.8%
≥3 doses PCV	655	62.6%
≥4 doses PCV	406	38.8%
4:3:1	273	26.1%
4:3:1:3	263	25.1%
4:3:1:4	267	25.5%
4:3:1:3:3	243	23.2%
4:3:1:0:3	252	24.1%
4:3:1:4:3	247	23.6%
4:3:1:3:3:1	234	22.3%
4:3:1:0:3:1	241	23.0%
4:3:1:4:3:1	236	22.5%

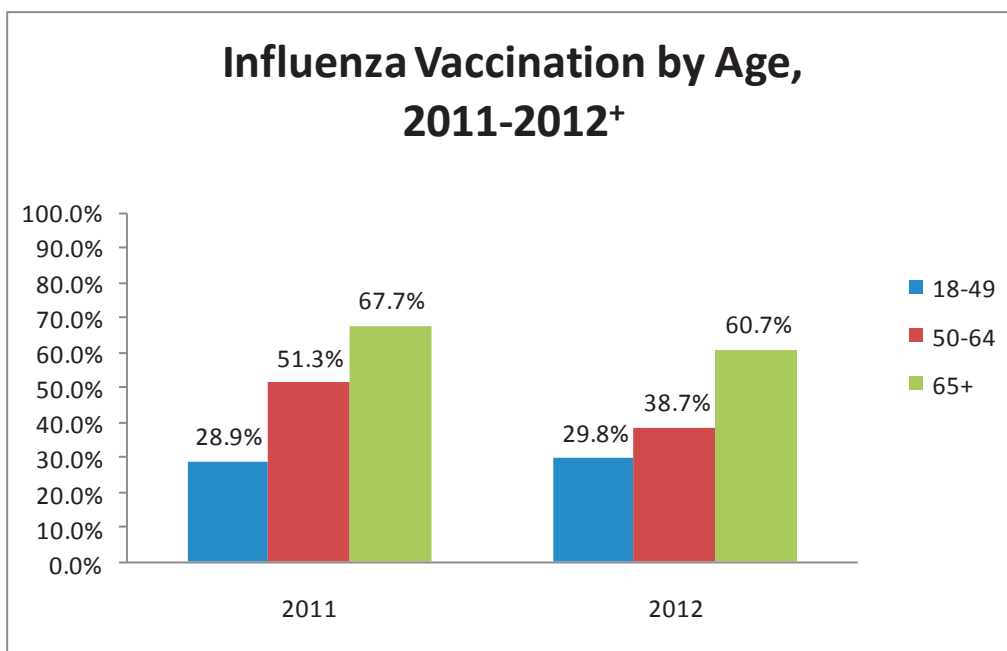
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	5,675		
	Total	Percent	
1 HPV	617	10.9%	
2 HPV	443	7.8%	
3 HPV	303	5.3%	

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	5,675		
	Total	Percent	
≥1 dose Meningococcal	1,870	33.0%	

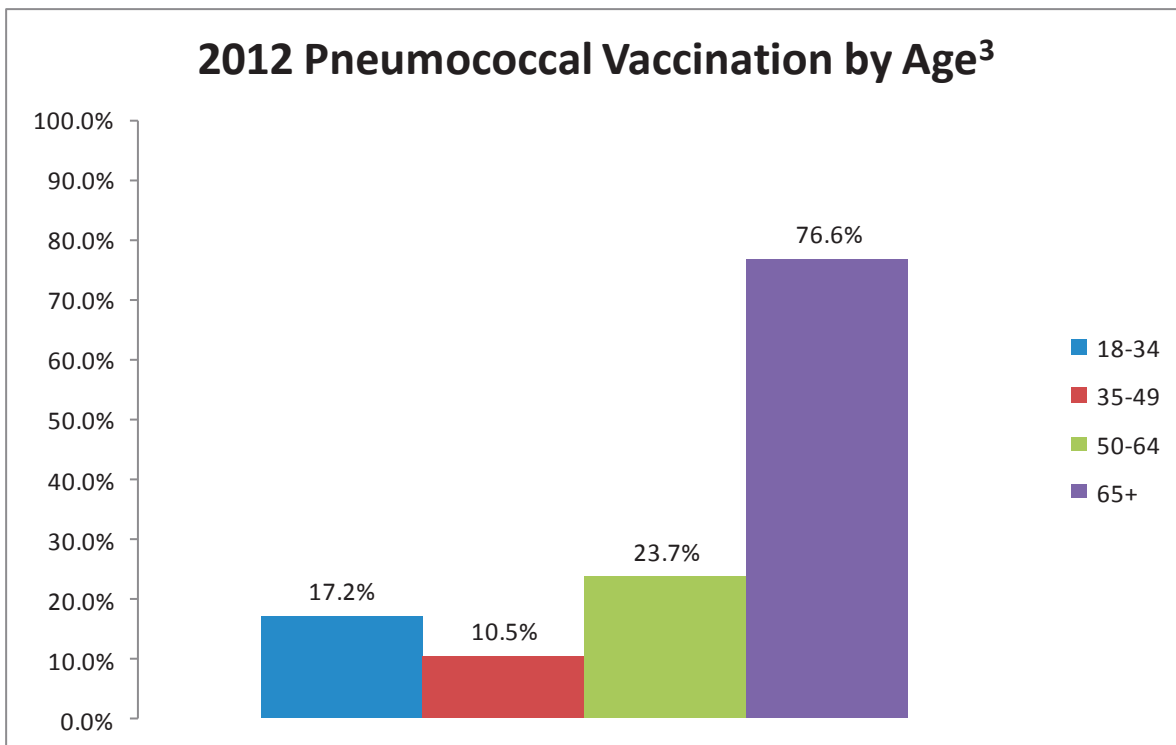
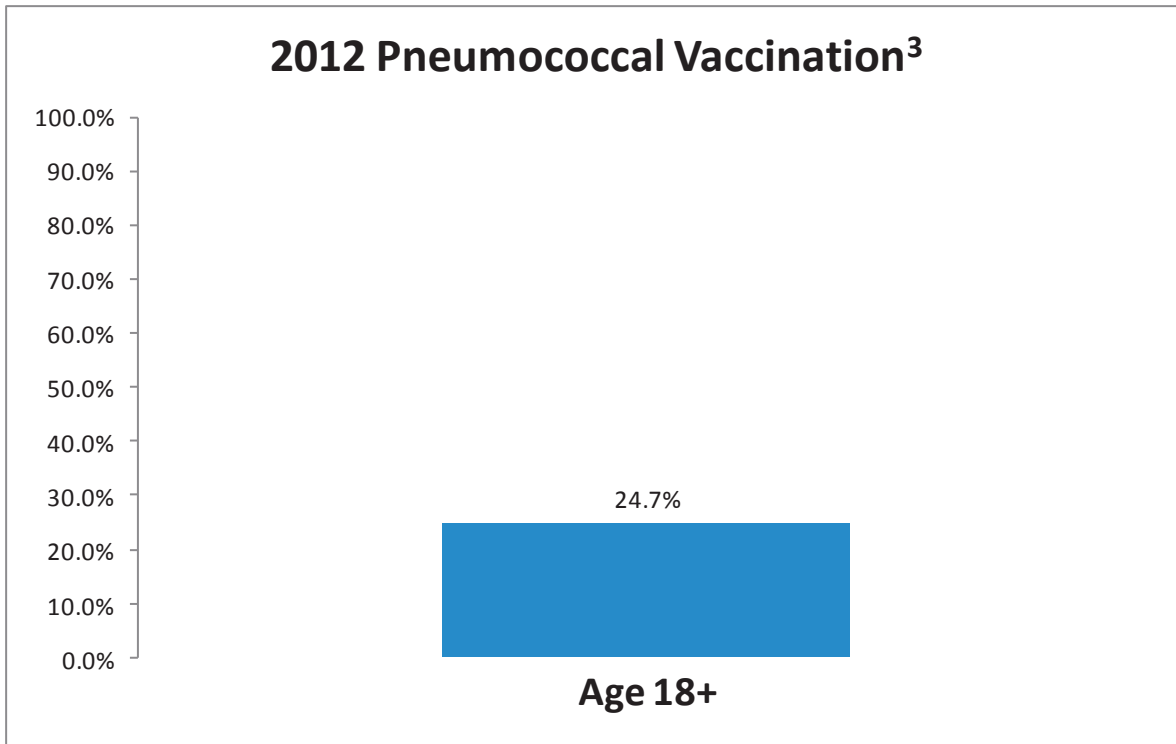
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	15,968		
	Total	Percent	
≥1 dose Influenza	7,226	45.3%	

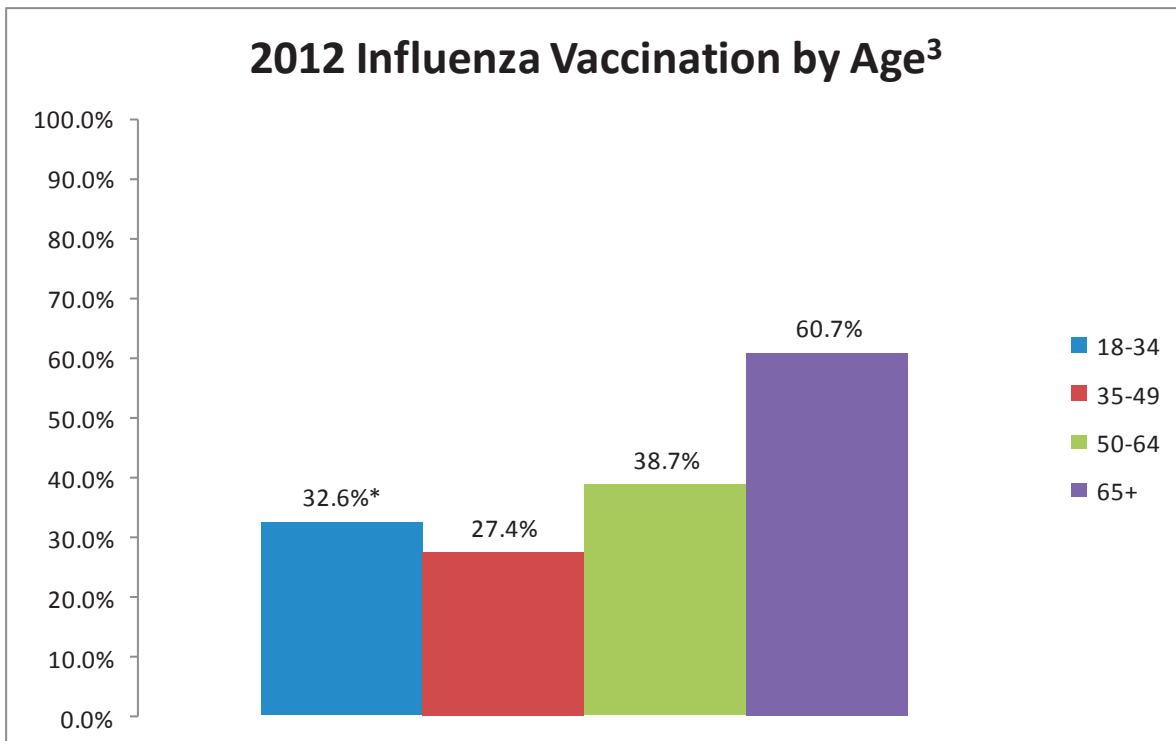
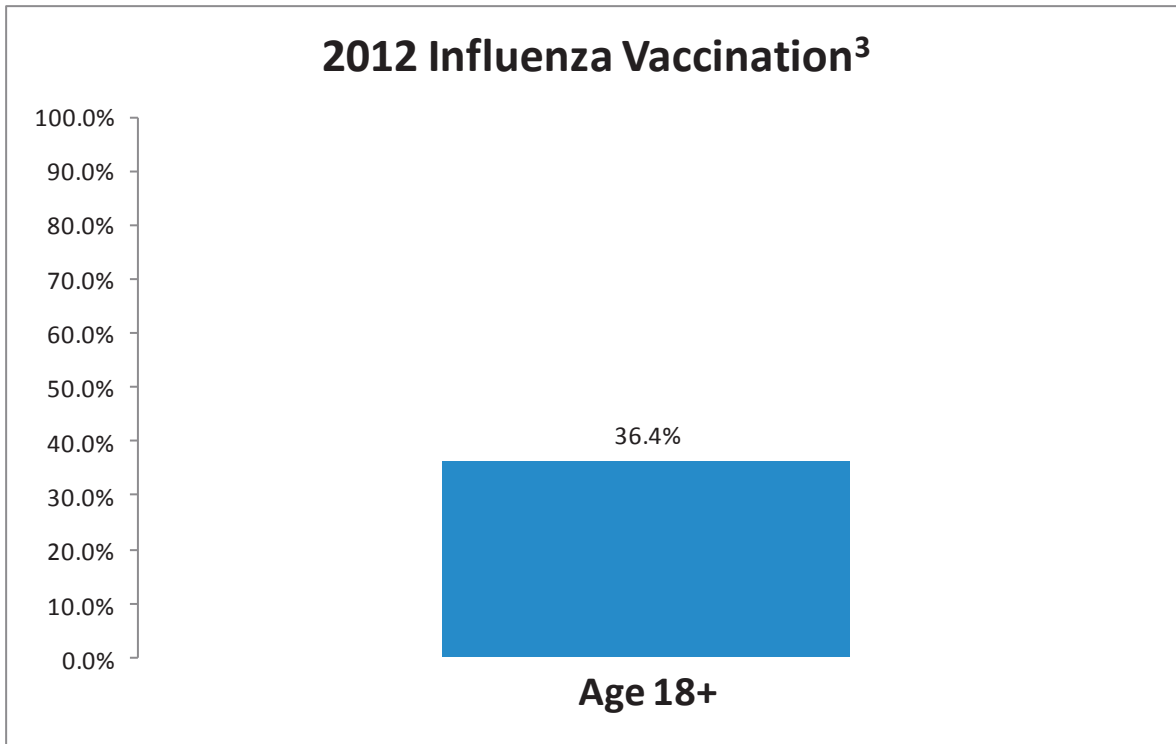
Adequately Immunized by School District 2012²						
Summit	North Summit		Park City		South Summit	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	94.6%	1.4%	91.2%	7.9%	91.5%	7.6%
Second-Dose Measles (K-12)	98.3%	1.7%	95.2%	4.2%	96.7%	3.3%
7th Grade Entry	100.0%	0.0%	92.2%	5.9%	93.3%	5.5%

Immunized for Child Care 2012²		
Summit	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	92.4%	2.5%
Head Start Centers	Reported in Davis HS	Reported in Davis HS



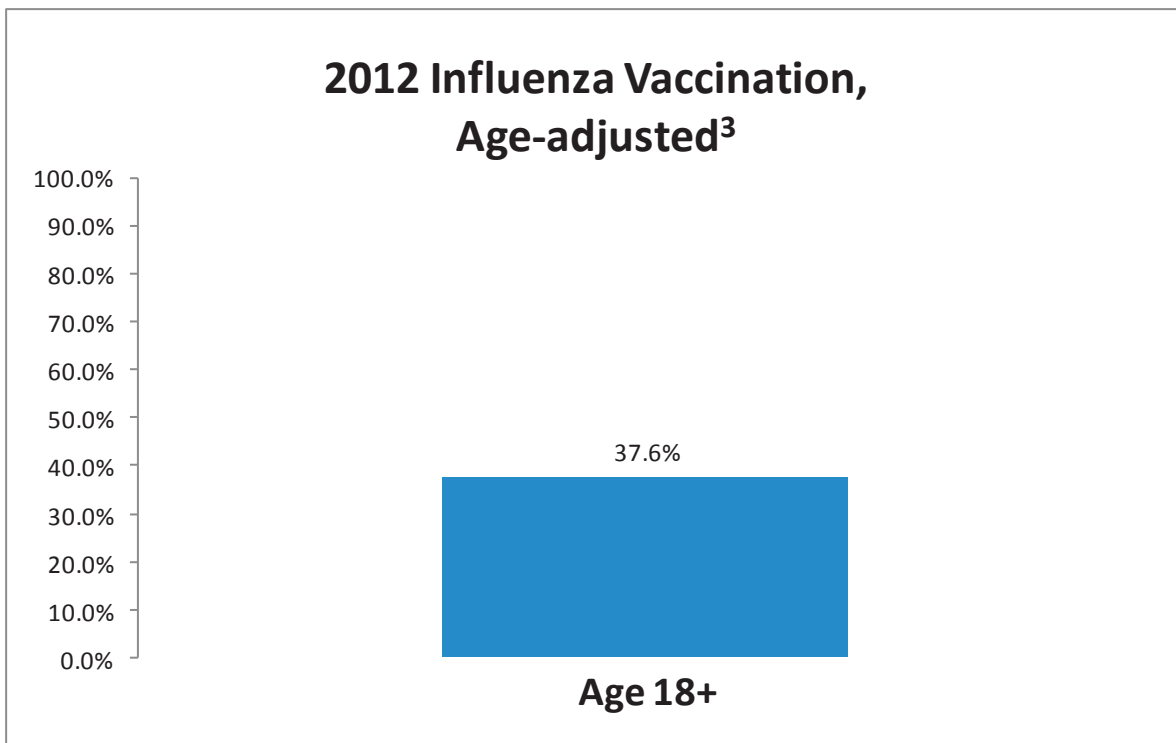
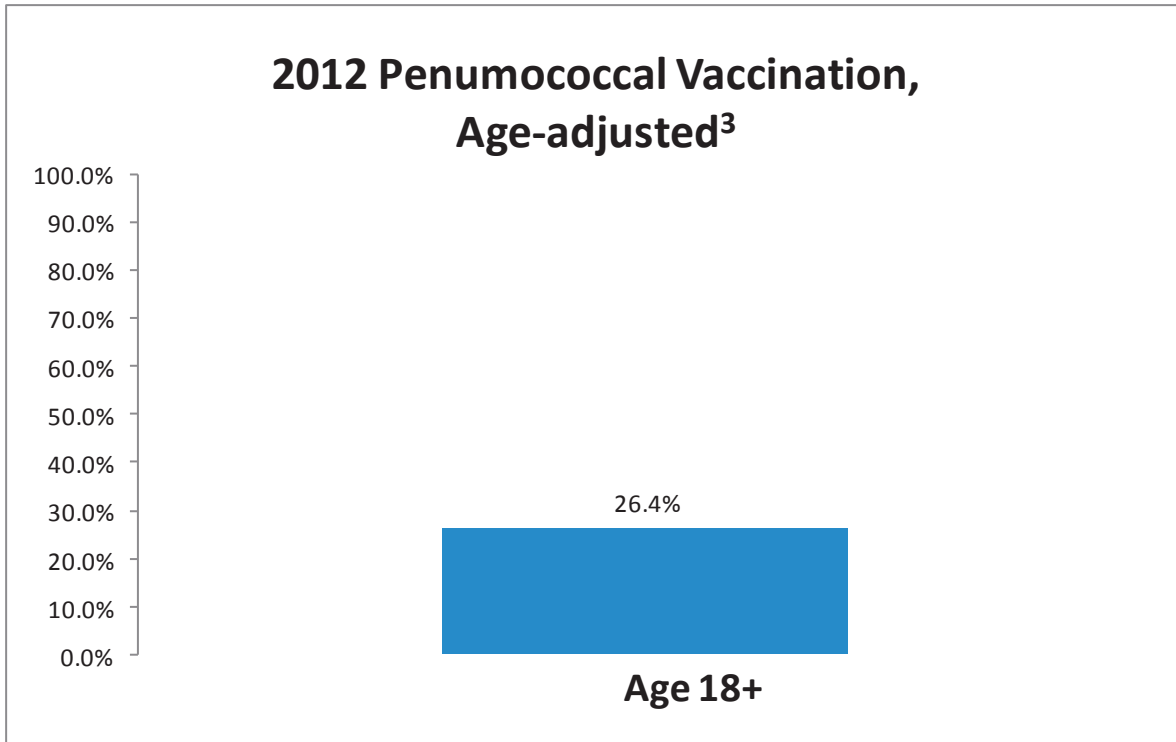
⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.

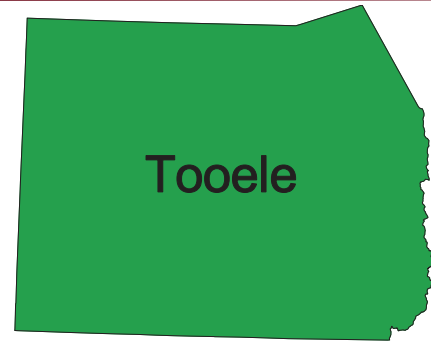




Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2012. Crude Rates.

*Use caution in interpreting. The estimate has a coefficient of variation >30% and is therefore deemed unreliable by Utah Department of Health standards.





24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	1,120	
	Total	Percent
≥3 doses DTaP	909	81.2%
≥4 doses DTaP	782	69.8%
≥3 doses Polio	886	79.1%
≥1 dose MMR	874	78.0%
≥3 doses Hib	893	79.7%
≥1 dose Hib	995	88.8%
≥3 doses Hep B	862	77.0%
Hep B Birth dose	915	81.7%
≥1 dose Varicella	867	77.4%
≥3 doses PCV	888	79.3%
≥4 doses PCV	738	65.9%
≥2 doses Hep A	674	60.2%
≥1 dose Rotavirus	879	78.5%
4:3:1	764	68.2%
4:3:1:3	757	67.6%
4:3:1:4	708	63.2%
4:3:1:3:3	729	65.1%
4:3:1:0:3:1	730	65.2%
4:3:1:3:3:1	723	64.6%
4:3:1:4:3:1	679	60.6%
4:3:1:0:3:1:4	679	60.6%
4:3:1:3:3:1:4	675	60.3%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	353	
	Total	Percent
≥1 dose DTaP	283	80.2%
≥1 dose Polio	281	79.6%
≥1 dose Hib	280	79.3%
≥1 dose Hep B	311	88.1%
≥2 doses Hep B	250	70.8%
≥1 dose PCV	278	78.8%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	504	
	Total	Percent
≥2 doses DTaP	289	57.3%
≥2 doses Polio	286	56.7%
≥2 doses Hib	283	56.2%
≥2 doses Hep B	371	73.6%
≥2 doses PCV	283	56.2%

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<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	1,251	
	Total	Percent
≥3 doses DTaP	678	54.2%
≥2 doses Polio	915	73.1%
≥1 dose MMR	305	24.4%
≥2 doses Hib	906	72.4%
≥3 doses Hib	665	53.2%
≥2 doses Hep B	1,033	82.6%
≥3 doses Hep B	719	57.5%
≥1 dose Varicella	293	23.4%
≥3 doses PCV	681	54.4%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	1,750	
	Total	Percent
≥3 doses DTaP	1,087	62.1%
≥4 doses DTaP	373	21.3%
≥3 doses Polio	1,070	61.1%
≥1 dose MMR	664	37.9%
≥3 doses Hib	1,055	60.3%
≥1 dose Hib	1,531	87.5%
≥3 doses Hep B	1,078	61.6%
≥1 dose Varicella	653	37.3%
≥3 doses PCV	1,071	61.2%
4:3:1	355	20.3%
4:3:1:3	354	20.2%
4:3:1:4	328	18.7%
4:3:1:3:3	327	18.7%
4:3:1:0:3	328	18.7%
4:3:1:4:3	308	17.6%
4:3:1:3:3:1	325	18.6%
4:3:1:0:3:1	326	18.6%
4:3:1:4:3:1	306	17.5%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	2,196	
	Total	Percent
≥3 doses DTaP	1,460	66.5%
≥4 doses DTaP	660	30.1%
≥3 doses Polio	1,434	65.3%
≥1 dose MMR	1,007	45.9%
≥3 doses Hib	1,426	64.9%
≥1 dose Hib	1,938	88.3%
≥3 doses Hep B	1,426	64.9%
≥1 dose Varicella	994	45.3%
≥3 doses PCV	1,431	65.2%
≥4 doses PCV	711	32.4%
4:3:1	633	28.8%
4:3:1:3	632	28.8%
4:3:1:4	584	26.6%
4:3:1:3:3	596	27.1%
4:3:1:0:3	597	27.2%
4:3:1:4:3	556	25.3%
4:3:1:3:3:1	592	27.0%
4:3:1:0:3:1	593	27.0%
4:3:1:4:3:1	552	25.1%

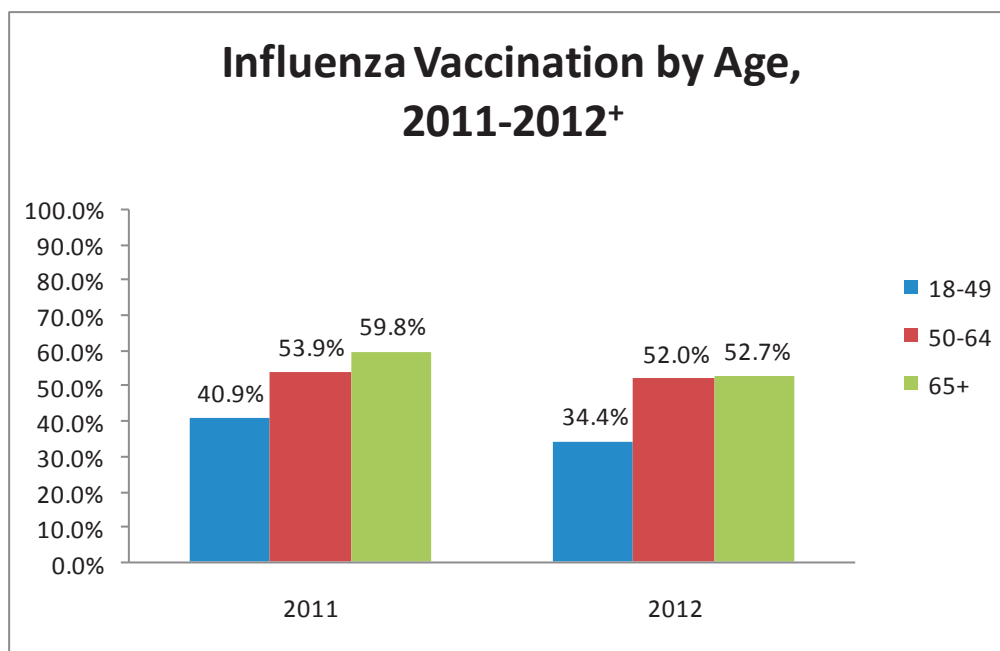
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	9,583		
		Total	Percent
1 HPV		1,422	14.8%
2 HPV		773	8.1%
3 HPV		426	4.4%

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	9,583		
		Total	Percent
≥1 dose Meningococcal		3,123	32.6%

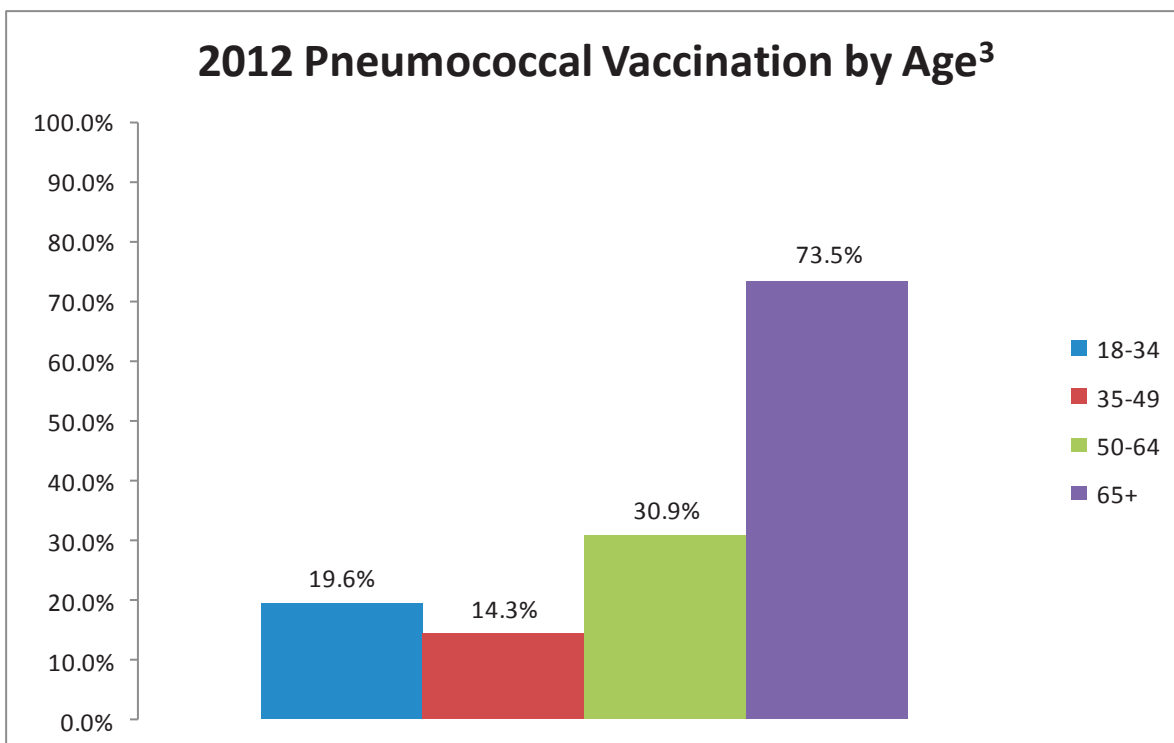
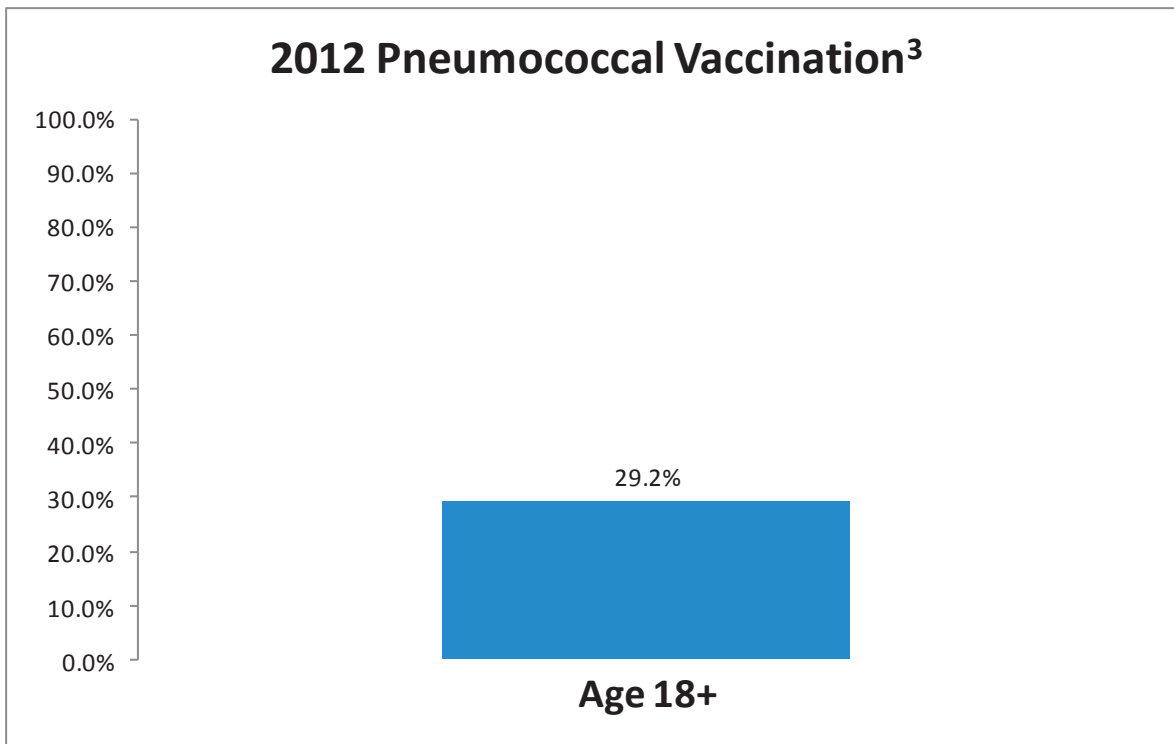
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	27,797		
		Total	Percent
≥1 dose Influenza		14,382	51.7%

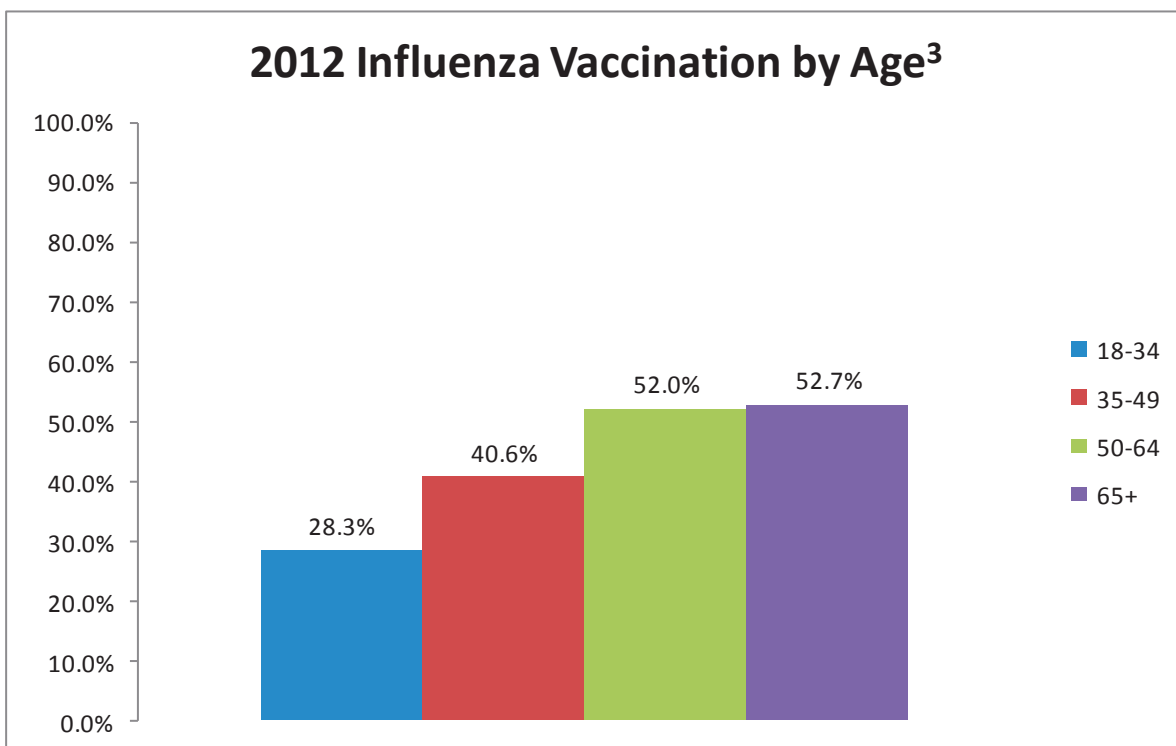
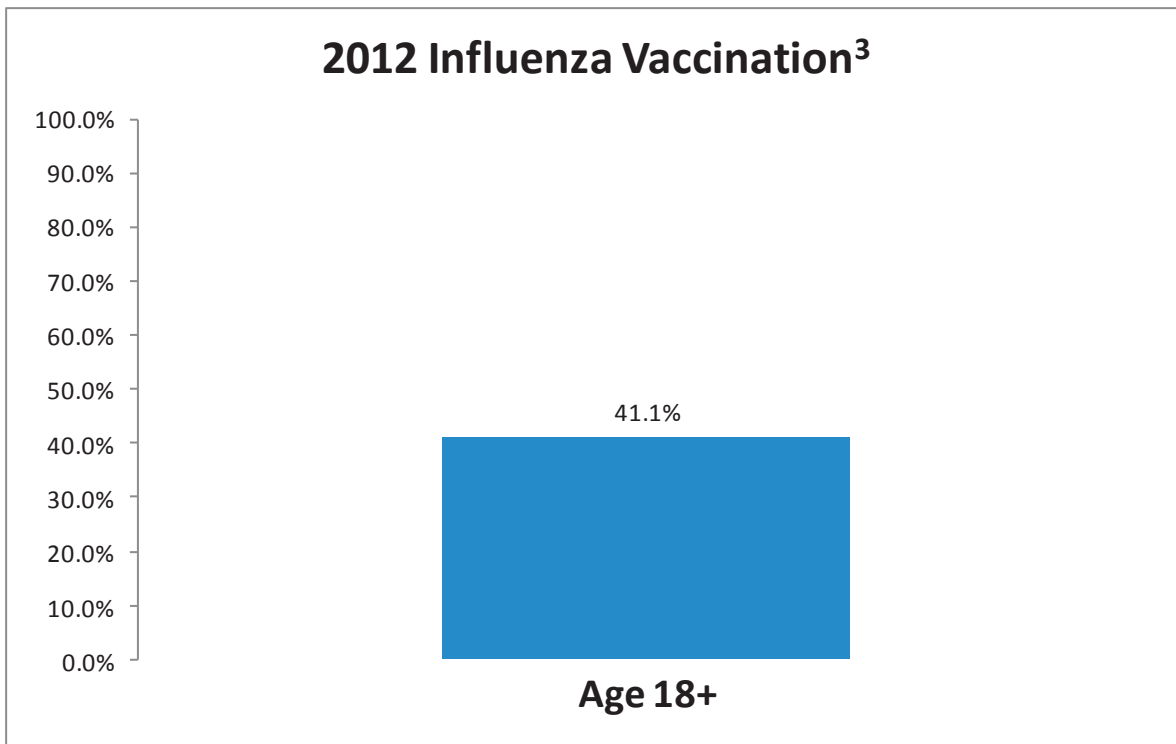
Adequately Immunized by School District 2012²		
Tooele	Tooele	
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	96.1%	2.3%
Second-Dose Measles (K-12)	97.7%	2.2%
7th Grade Entry	97.7%	2.0%

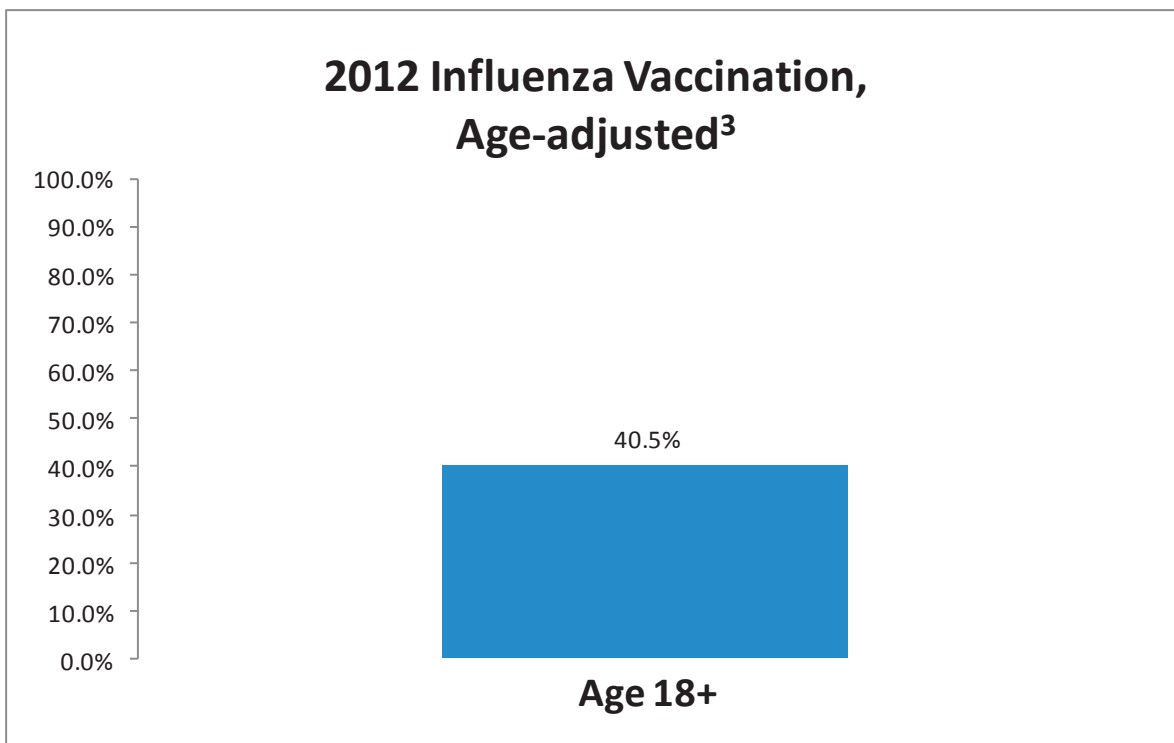
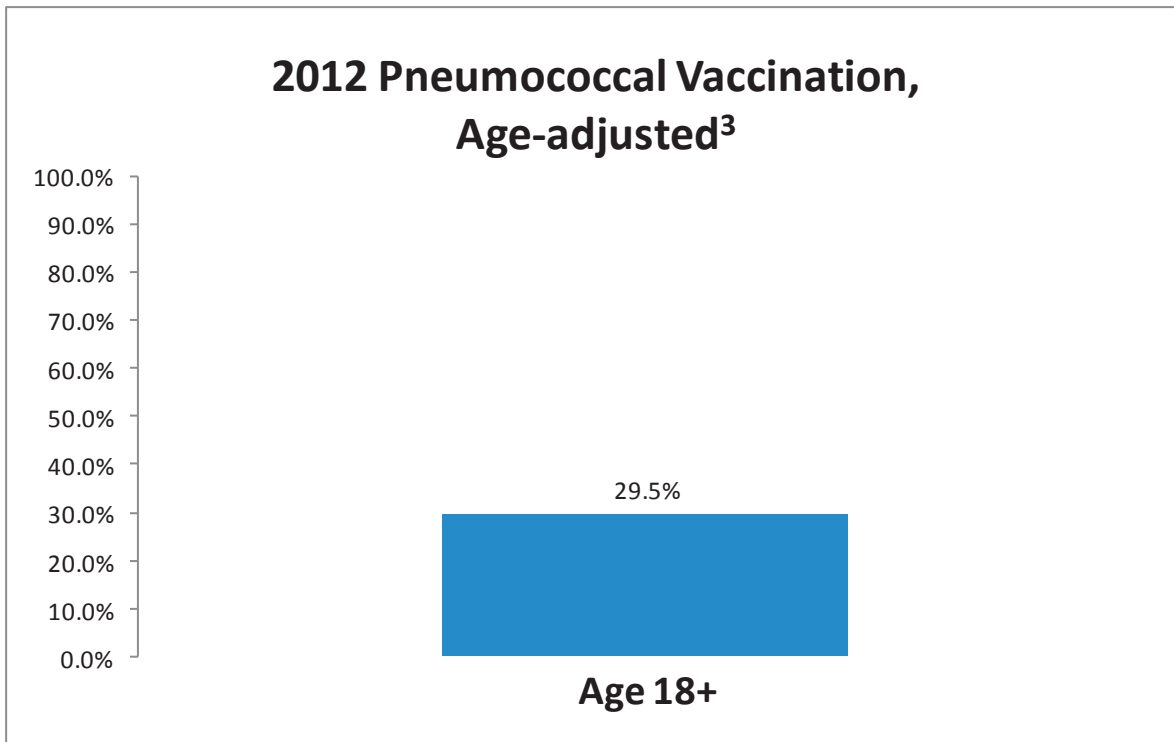
Immunized for Child Care 2012²		
Tooele	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	92.4%	0.5%
Head Start Centers	N/A	N/A

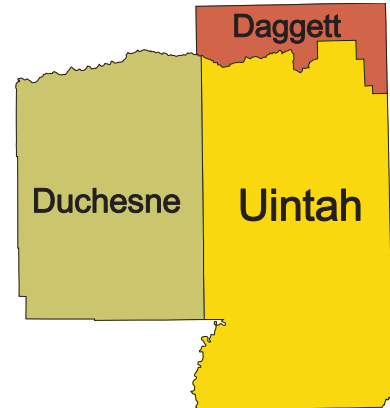


⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	1,084	
	Total	Percent
≥3 doses DTaP	891	82.2%
≥4 doses DTaP	752	69.4%
≥3 doses Polio	886	81.7%
≥1 dose MMR	851	78.5%
≥3 doses Hib	875	80.7%
≥1 dose Hib	989	91.2%
≥3 doses Hep B	895	82.6%
Hep B Birth dose	913	84.2%
≥1 dose Varicella	806	74.4%
≥3 doses PCV	879	81.1%
≥4 doses PCV	737	68.0%
≥2 doses Hep A	268	24.7%
≥1 dose Rotavirus	880	81.2%
4:3:1	728	67.2%
4:3:1:3	725	66.9%
4:3:1:4	683	63.0%
4:3:1:3:3	713	65.8%
4:3:1:0:3:1	695	64.1%
4:3:1:3:3:1	693	63.9%
4:3:1:4:3:1	655	60.4%
4:3:1:0:3:1:4	655	60.4%
4:3:1:3:3:1:4	654	60.3%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	379	
	Total	Percent
≥1 dose DTaP	297	78.4%
≥1 dose Polio	297	78.4%
≥1 dose Hib	297	78.4%
≥1 dose Hep B	345	91.0%
≥2 doses Hep B	275	72.6%
≥1 dose PCV	298	78.6%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	579	
	Total	Percent
≥2 doses DTaP	294	50.8%
≥2 doses Polio	293	50.6%
≥2 doses Hib	295	50.9%
≥2 doses Hep B	432	74.6%
≥2 doses PCV	293	50.6%

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<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	1,399	
	Total	Percent
≥3 doses DTaP	678	48.5%
≥2 doses Polio	947	67.7%
≥1 dose MMR	272	19.4%
≥2 doses Hib	946	67.6%
≥3 doses Hib	651	46.5%
≥2 doses Hep B	1,143	81.7%
≥3 doses Hep B	850	60.8%
≥1 dose Varicella	180	12.9%
≥3 doses PCV	659	47.1%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	1,910	
	Total	Percent
≥3 doses DTaP	1,088	57.0%
≥4 doses DTaP	266	13.9%
≥3 doses Polio	1,080	56.5%
≥1 dose MMR	615	32.2%
≥3 doses Hib	1,049	54.9%
≥1 dose Hib	1,644	86.1%
≥3 doses Hep B	1,268	66.4%
≥1 dose Varicella	475	24.9%
≥3 doses PCV	1,058	55.4%
4:3:1	229	12.0%
4:3:1:3	228	11.9%
4:3:1:4	211	11.0%
4:3:1:3:3	227	11.9%
4:3:1:0:3	228	11.9%
4:3:1:4:3	210	11.0%
4:3:1:3:3:1	214	11.2%
4:3:1:0:3:1	215	11.3%
4:3:1:4:3:1	200	10.5%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	2,437	
	Total	Percent
≥3 doses DTaP	1,504	61.7%
≥4 doses DTaP	573	23.5%
≥3 doses Polio	1,494	61.3%
≥1 dose MMR	1,008	41.4%
≥3 doses Hib	1,461	60.0%
≥1 dose Hib	2,123	87.1%
≥3 doses Hep B	1,696	69.6%
≥1 dose Varicella	826	33.9%
≥3 doses PCV	1,469	60.3%
≥4 doses PCV	738	30.3%
4:3:1	528	21.7%
4:3:1:3	527	21.6%
4:3:1:4	496	20.4%
4:3:1:3:3	518	21.3%
4:3:1:0:3	519	21.3%
4:3:1:4:3	488	20.0%
4:3:1:3:3:1	494	20.3%
4:3:1:0:3:1	495	20.3%
4:3:1:4:3:1	468	19.2%

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	6,407		
		Total	Percent
1 HPV		889	13.9%
2 HPV		577	9.0%
3 HPV		354	5.5%

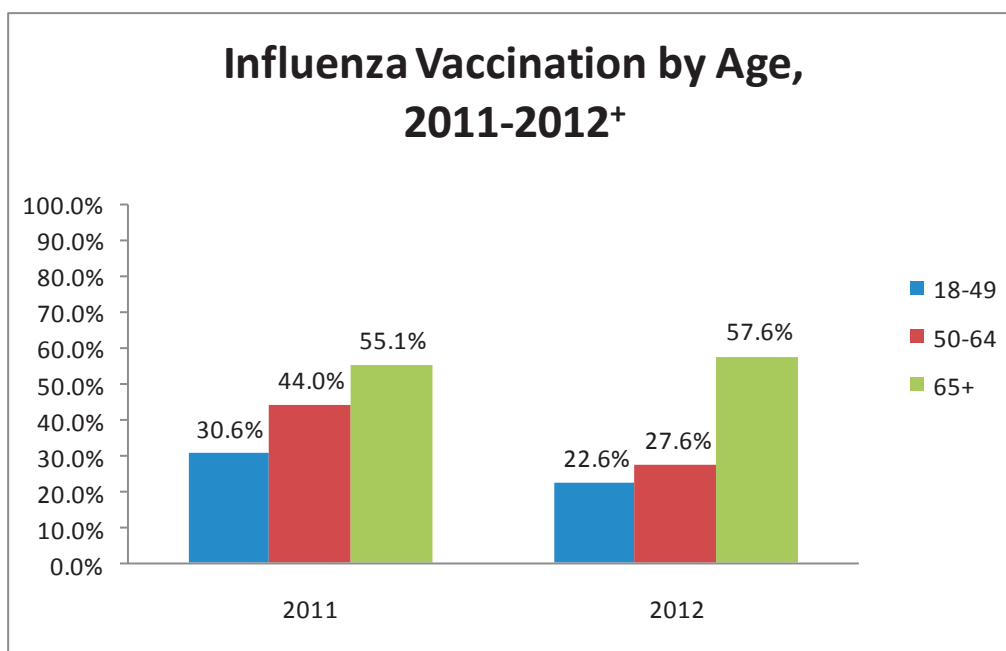
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	6,407		
		Total	Percent
≥1 dose Meningococcal		2,093	32.7%

<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	21,891		
		Total	Percent
≥1 dose Influenza		7,183	32.8%

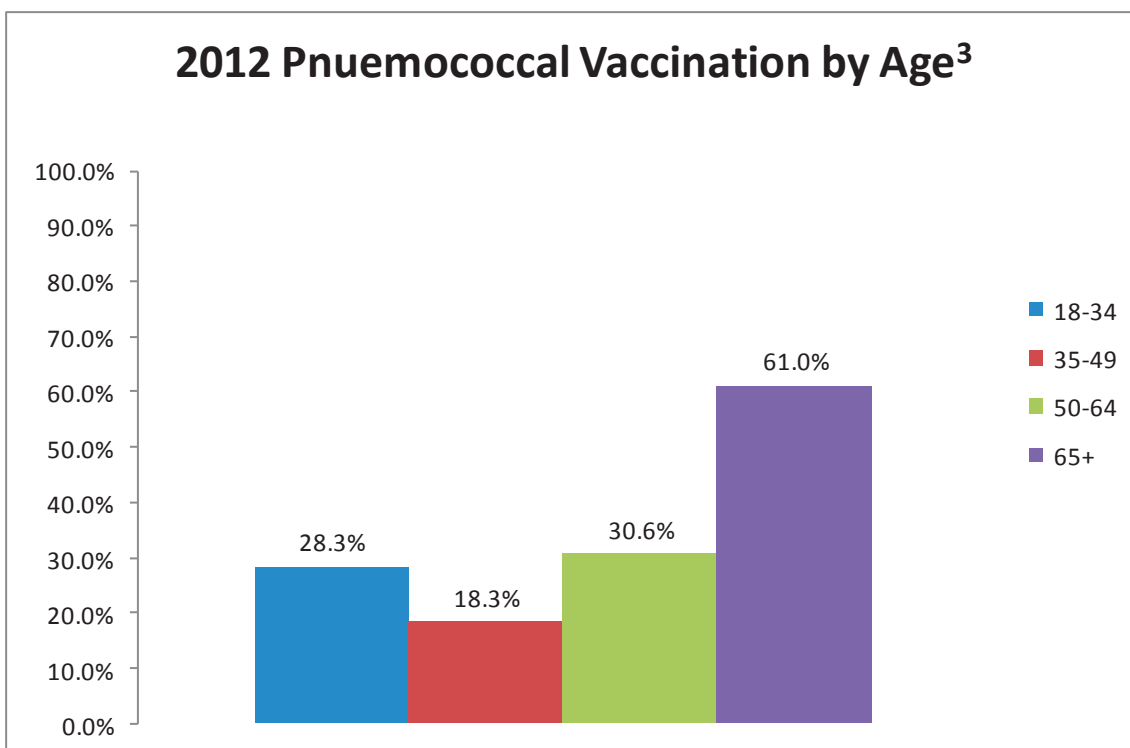
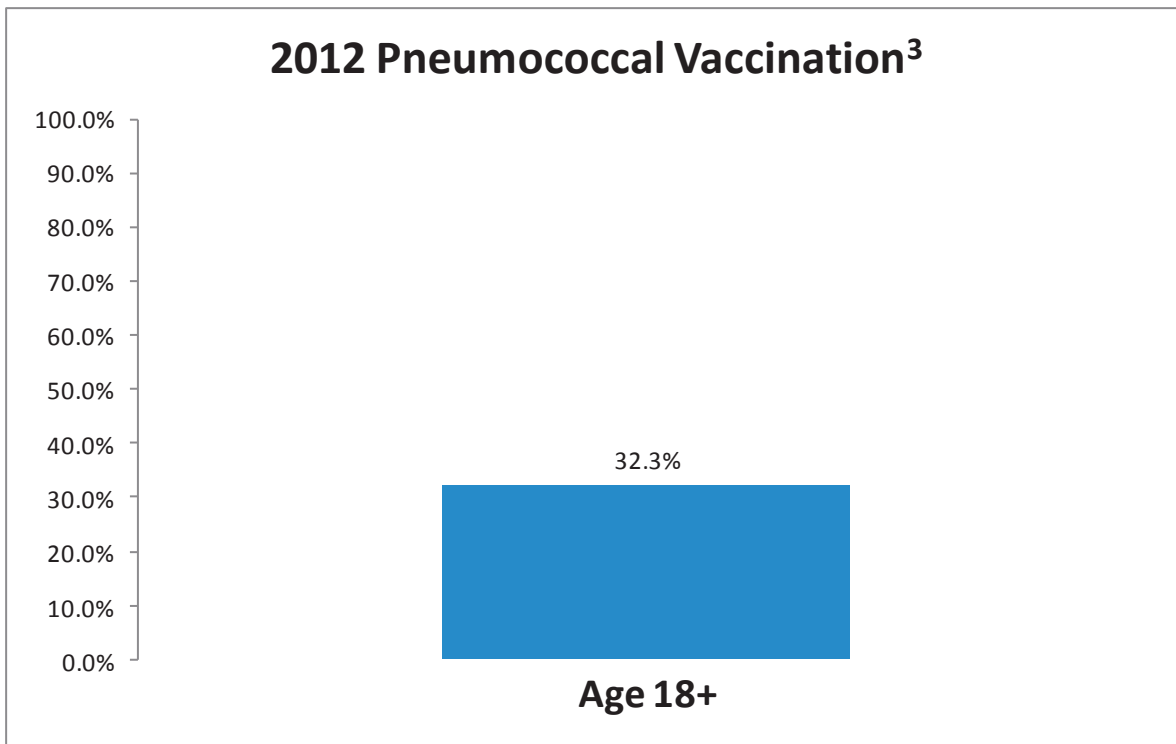
Adequately Immunized by School District 2012²

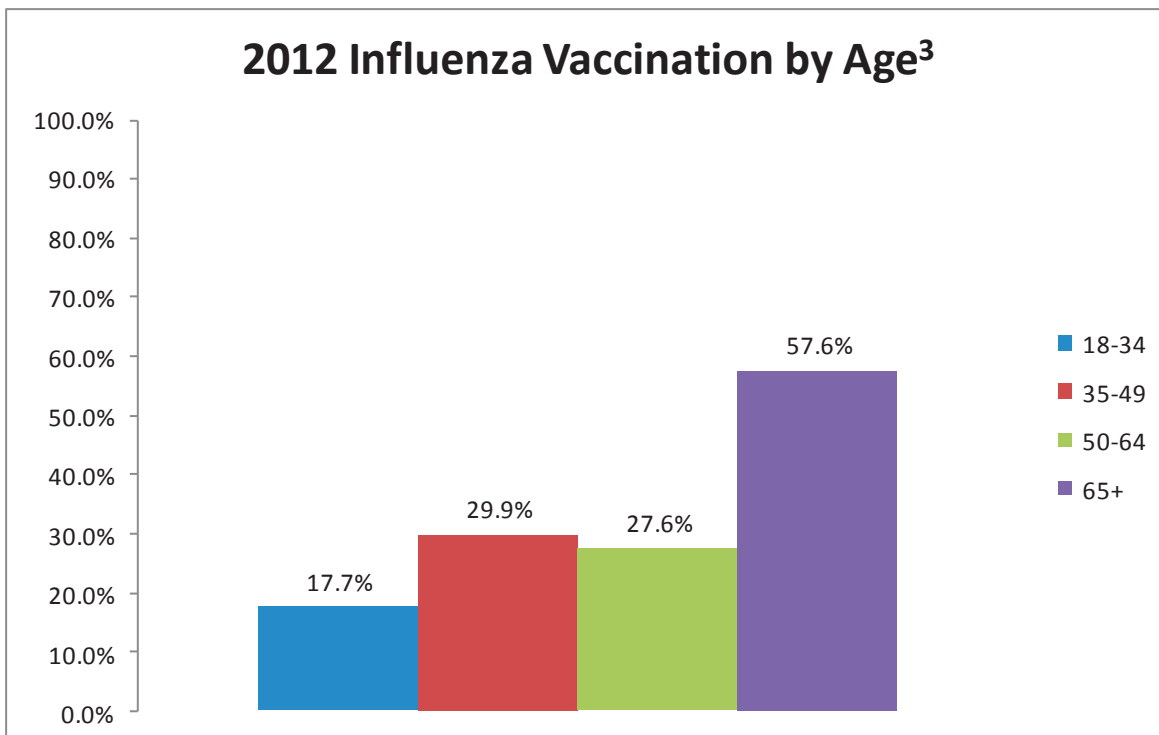
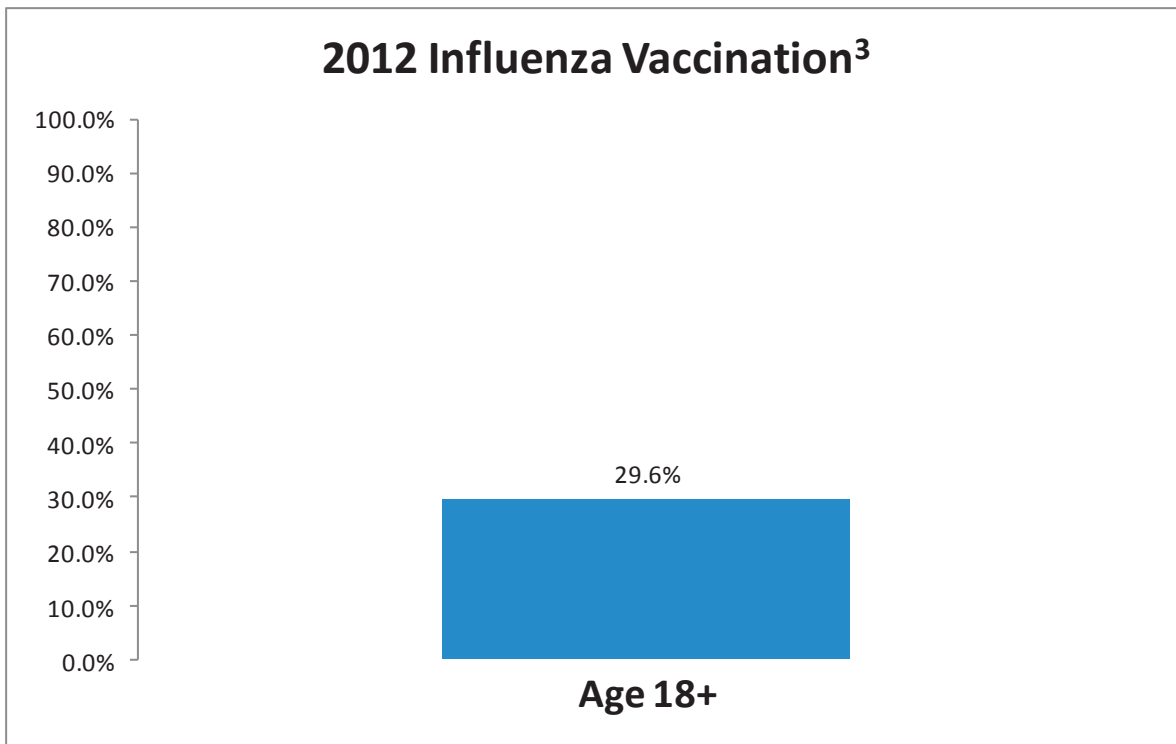
TriCounty	Daggett		Duchesne		Uintah	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	81.8%	9.1%	92.1%	4.3%	86.0%	7.4%
Second-Dose Measles (K-12)	96.5%	3.0%	95.8%	3.9%	95.3%	4.5%
7th Grade Entry	100.0%	0.0%	91.4%	5.7%	91.7%	6.0%

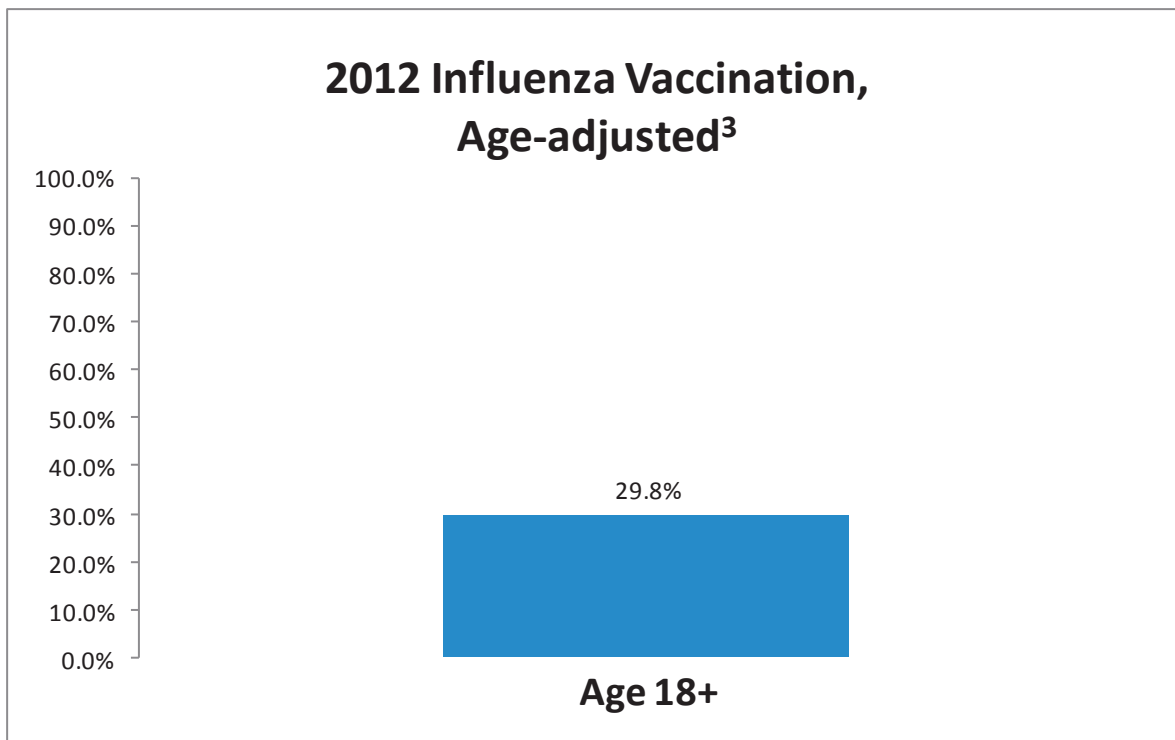
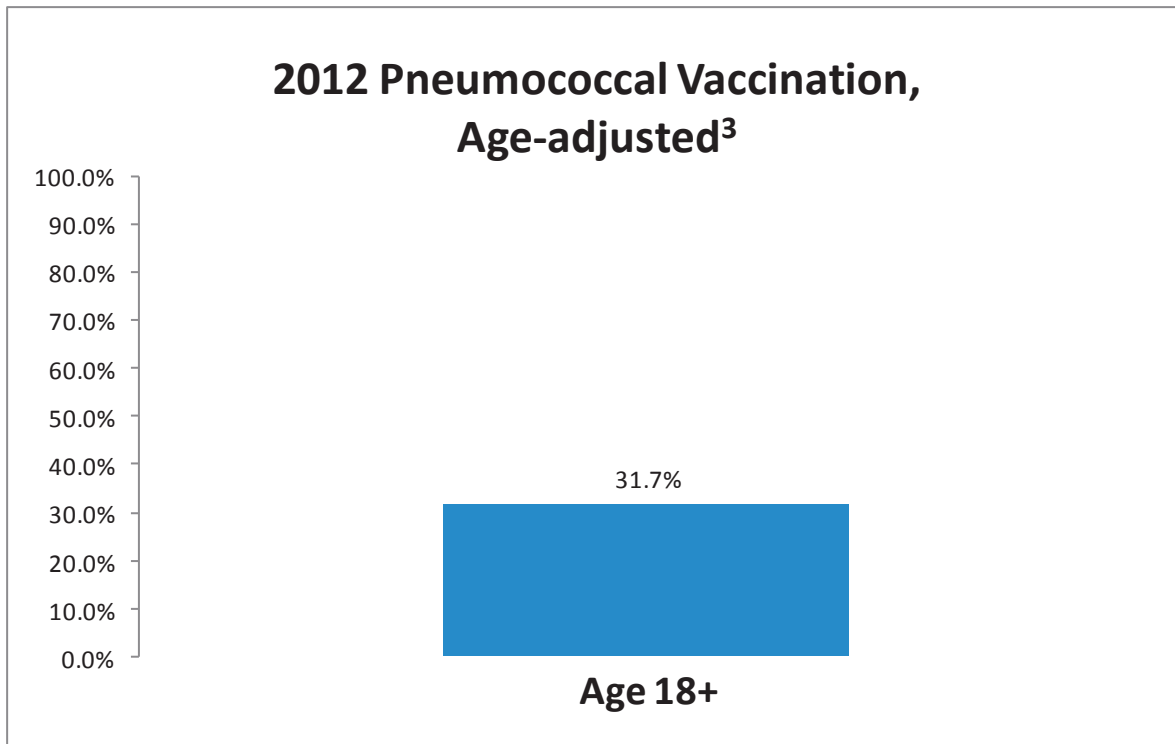
Immunized for Child Care 2012 ²		
TriCounty	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	97.3%	2.7%
Head Start Centers	93.4%	1.5%



⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	12,966	
	Total	Percent
≥3 doses DTaP	4,960	38.3%
≥4 doses DTaP	3,841	29.6%
≥3 doses Polio	4,847	37.4%
≥1 dose MMR	4,649	35.9%
≥3 doses Hib	4,815	37.1%
≥1 dose Hib	6,346	48.9%
≥3 doses Hep B	4,864	37.5%
Hep B Birth dose	9,602	74.1%
≥1 dose Varicella	4,692	36.2%
≥3 doses PCV	4,845	37.4%
≥4 doses PCV	3,940	30.4%
≥2 doses Hep A	3,194	24.6%
≥1 dose Rotavirus	5,108	39.4%
4:3:1	3,635	28.0%
4:3:1:3	3,606	27.8%
4:3:1:4	3,459	26.7%
4:3:1:3:3	3,506	27.0%
4:3:1:0:3:1	3,458	26.7%
4:3:1:3:3:1	3,430	26.5%
4:3:1:4:3:1	3,319	25.6%
4:3:1:0:3:1:4	3,319	25.6%
4:3:1:3:3:1:4	3,302	25.5%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	4,209	
	Total	Percent
≥1 dose DTaP	2,546	60.5%
≥1 dose Polio	2,496	59.3%
≥1 dose Hib	2,506	59.5%
≥1 dose Hep B	3,576	85.0%
≥2 doses Hep B	2,294	54.5%
≥1 dose PCV	2,491	59.2%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	6,234	
	Total	Percent
≥2 doses DTaP	2,625	42.1%
≥2 doses Polio	2,560	41.1%
≥2 doses Hib	2,572	41.3%
≥2 doses Hep B	3,553	57.0%
≥2 doses PCV	2,570	41.2%

USIIS data queries are performed beginning August 15, 2013 and ending August 20, 2013. USIIS data are the most current because of querying methods in 2013. Please read results of USIIS with caution. Service areas vary because of the number of users who enter data into USIIS.

<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	14,724	
	Total	Percent
≥3 doses DTaP	4,956	33.7%
≥2 doses Polio	7,420	50.4%
≥1 dose MMR	2,239	15.2%
≥2 doses Hib	7,548	51.3%
≥3 doses Hib	4,617	31.4%
≥2 doses Hep B	8,840	60.0%
≥3 doses Hep B	5,509	37.4%
≥1 dose Varicella	2,338	15.9%
≥3 doses PCV	5,207	35.4%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	20,716	
	Total	Percent
≥3 doses DTaP	7,001	33.8%
≥4 doses DTaP	1,715	8.3%
≥3 doses Polio	6,671	32.2%
≥1 dose MMR	5,530	26.7%
≥3 doses Hib	6,565	31.7%
≥1 dose Hib	13,177	63.6%
≥3 doses Hep B	7,512	36.3%
≥1 dose Varicella	5,641	27.2%
≥3 doses PCV	7,215	34.8%
4:3:1	1,643	7.9%
4:3:1:3	1,627	7.9%
4:3:1:4	1,529	7.4%
4:3:1:3:3	1,579	7.6%
4:3:1:0:3	1,595	7.7%
4:3:1:4:3	1,492	7.2%
4:3:1:3:3:1	1,524	7.4%
4:3:1:0:3:1	1,539	7.4%
4:3:1:4:3:1	1,464	7.1%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	25,816	
	Total	Percent
≥3 doses DTaP	8,995	34.8%
≥4 doses DTaP	3,253	12.6%
≥3 doses Polio	8,589	33.3%
≥1 dose MMR	7,572	29.3%
≥3 doses Hib	8,516	33.0%
≥1 dose Hib	16,330	63.3%
≥3 doses Hep B	9,451	36.6%
≥1 dose Varicella	7,663	29.7%
≥3 doses PCV	9,159	35.5%
≥4 doses PCV	4,199	16.3%
4:3:1	3,027	11.7%
4:3:1:3	3,005	11.6%
4:3:1:4	2,824	10.9%
4:3:1:3:3	2,911	11.3%
4:3:1:0:3	2,932	11.4%
4:3:1:4:3	2,753	10.7%
4:3:1:3:3:1	2,829	11.0%
4:3:1:0:3:1	2,848	11.0%
4:3:1:4:3:1	2,705	10.5%

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	83,231		
		Total	Percent
1 HPV		6,470	7.8%
2 HPV		3,449	4.1%
3 HPV		1,932	2.3%

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	83,231		
		Total	Percent
≥1 dose Meningococcal		17,824	21.4%

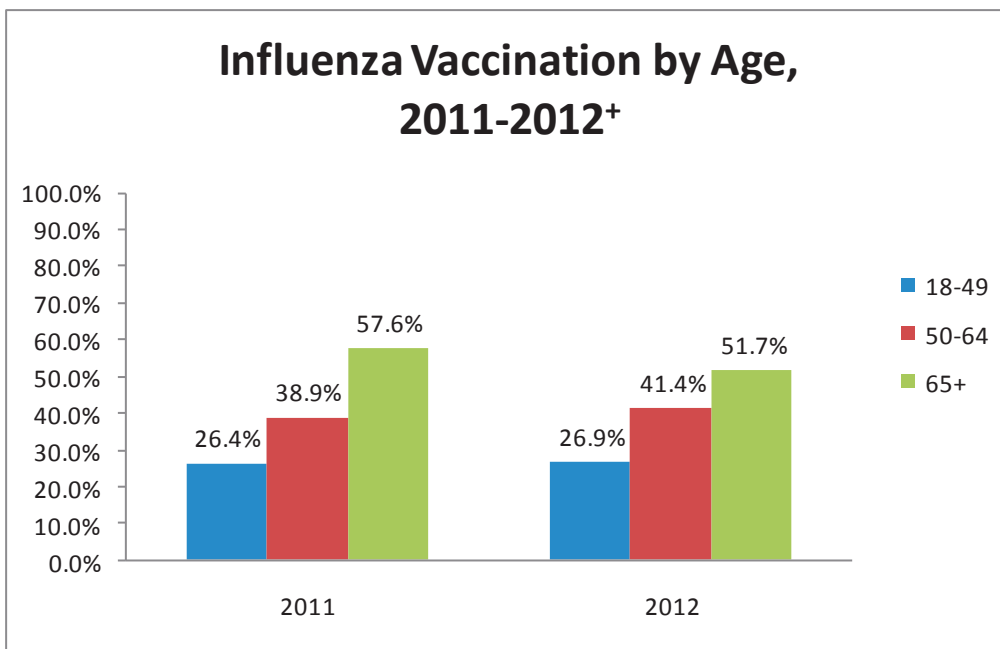
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	265,925		
		Total	Percent
≥1 dose Influenza		85,949	32.3%

Adequately Immunized by School District 2012²

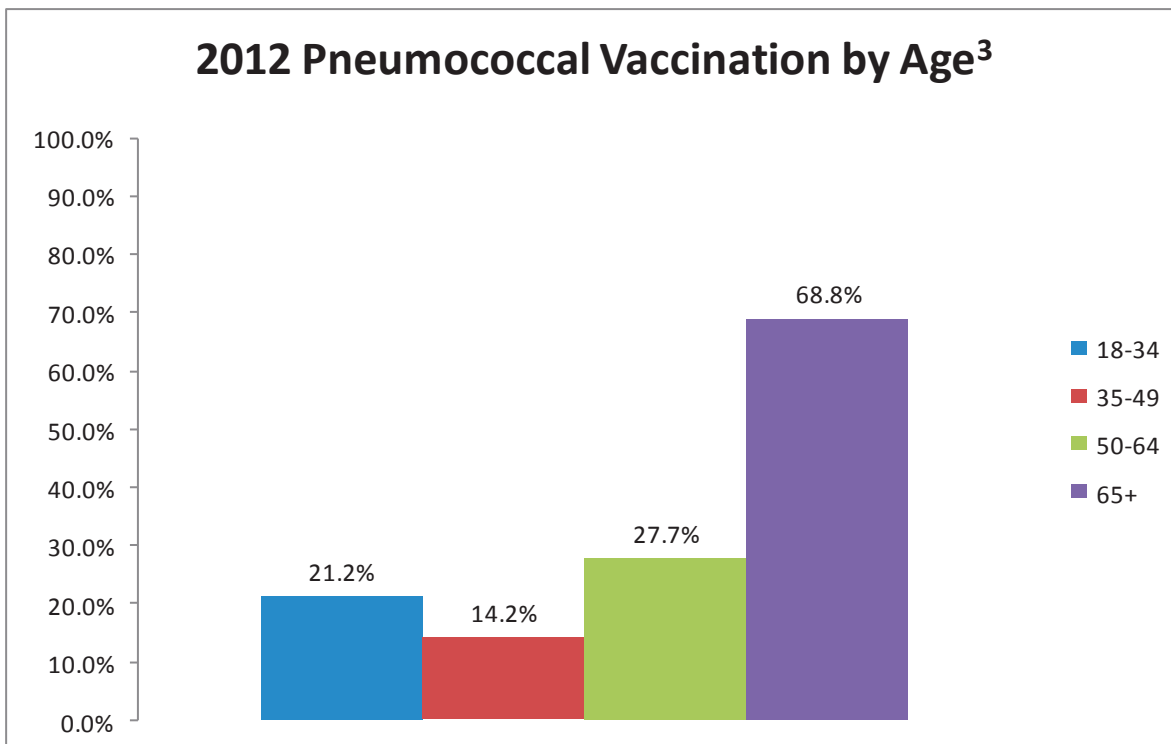
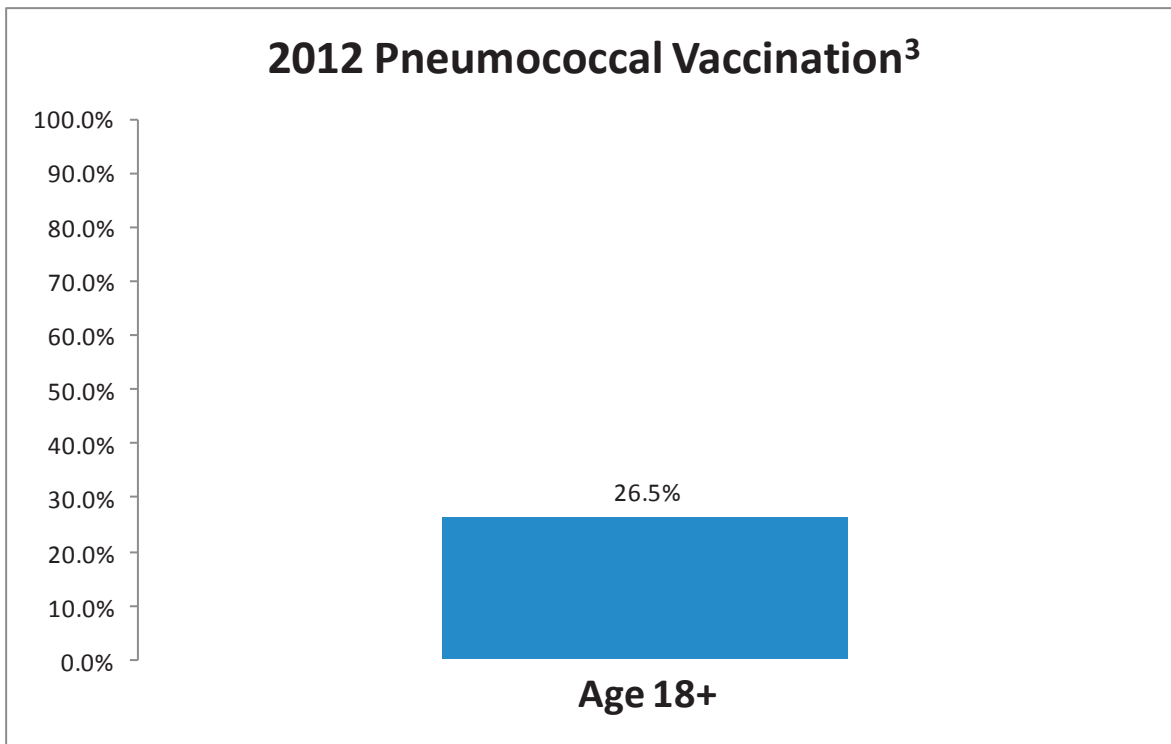
Utah County	Alpine		Nebo		Provo	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	85.8%	3.8%	88.5%	3.7%	86.3%	3.7%
Second-Dose Measles (K-12)	95.4%	4.1%	95.1%	4.5%	95.4%	3.8%
7th Grade Entry	89.2%	5.5%	91.9%	5.3%	79.4%	5.6%

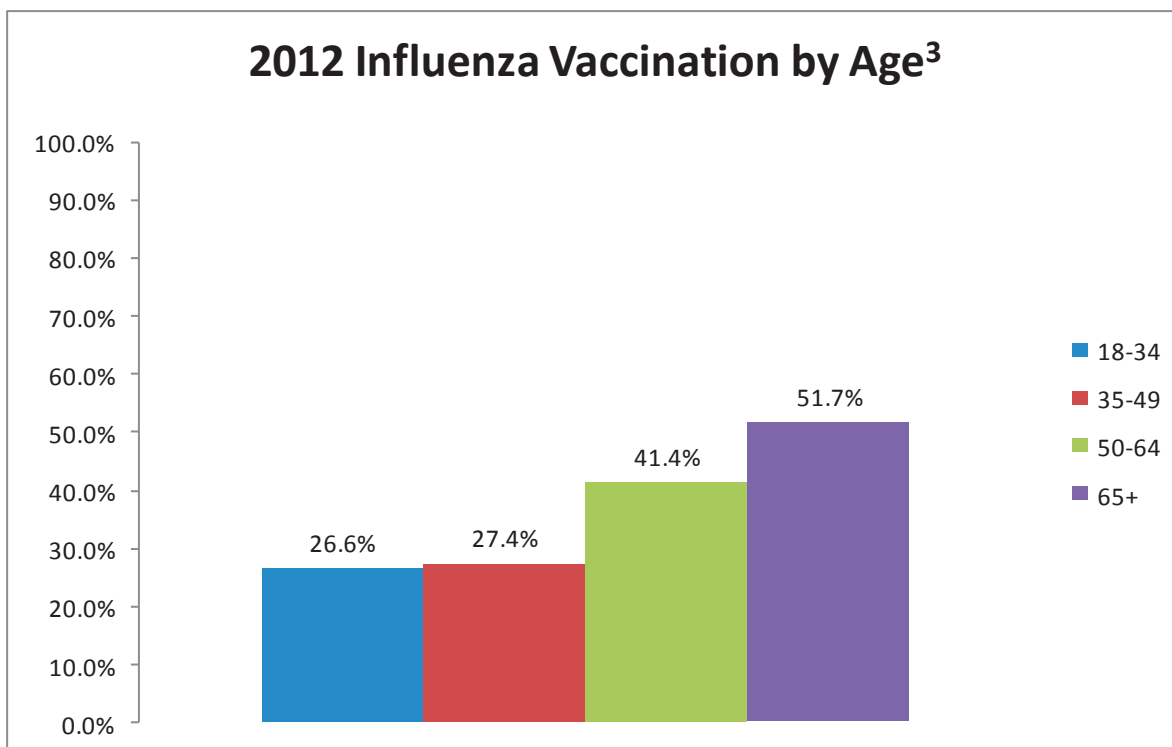
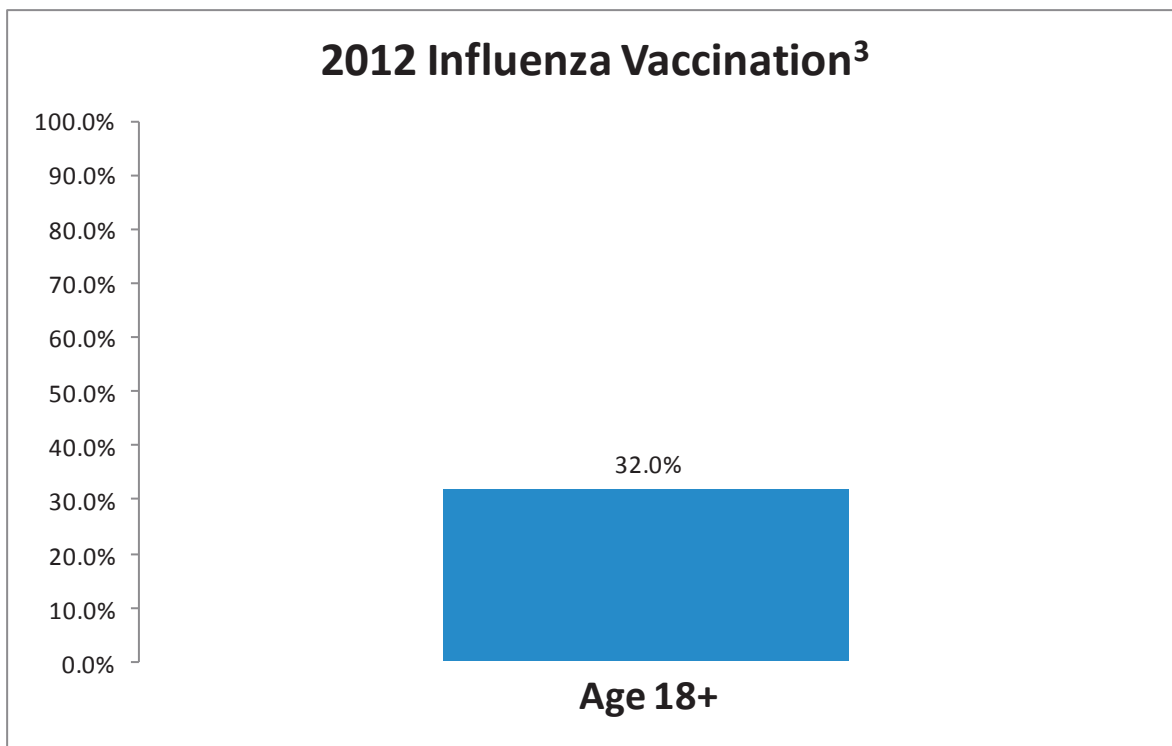
Immunized for Child Care 2012²

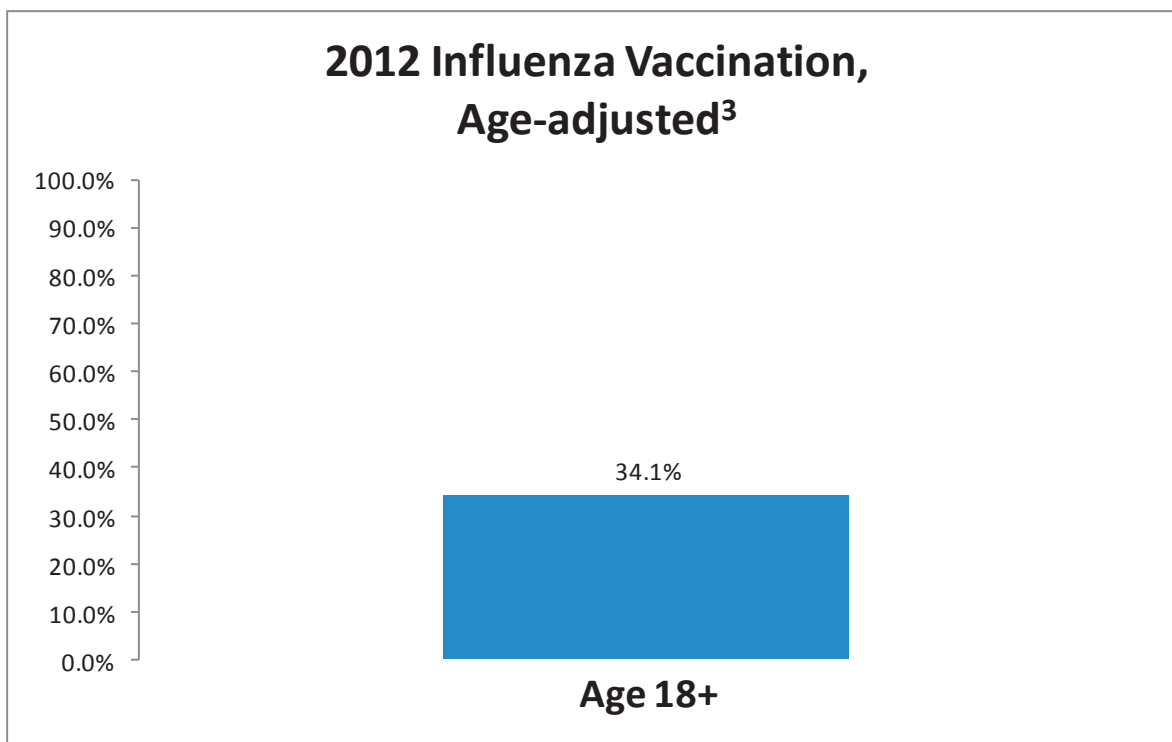
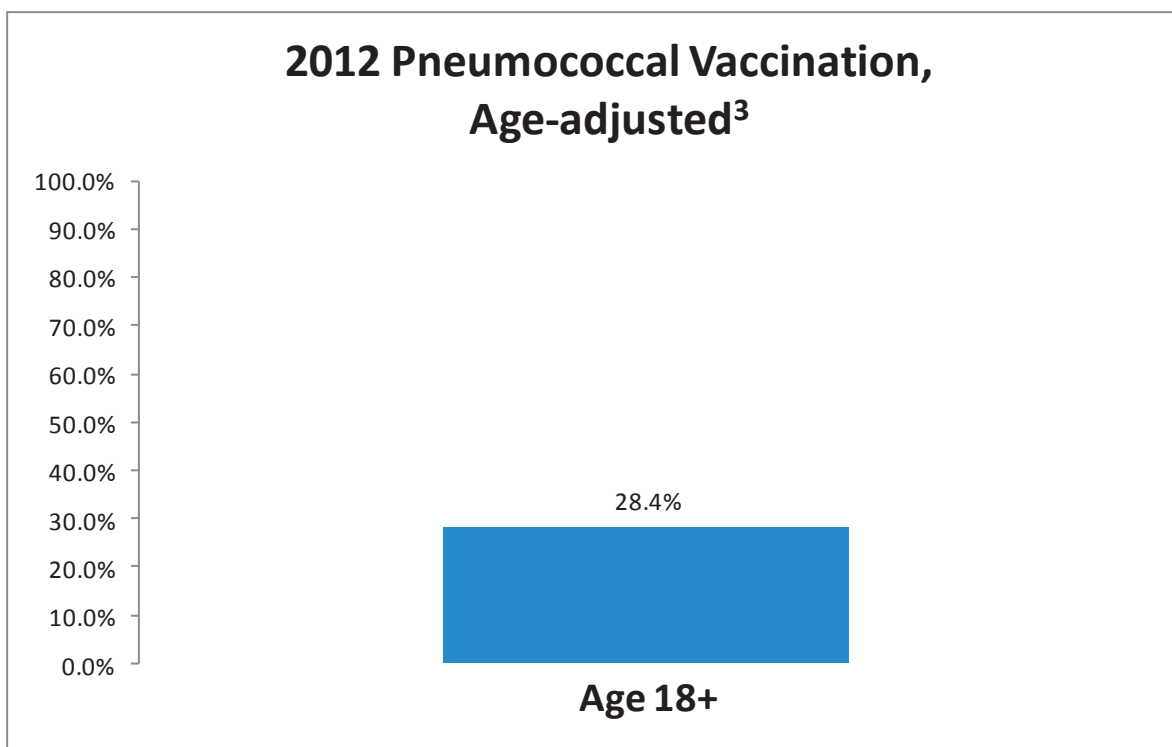
Utah County	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	82.6%	3.0%
Head Start Centers	93.7%	2.5%



⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.









24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	489	
	Total	Percent
≥3 doses DTaP	372	76.1%
≥4 doses DTaP	304	62.2%
≥3 doses Polio	352	72.0%
≥1 dose MMR	347	71.0%
≥3 doses Hib	356	72.8%
≥1 dose Hib	406	83.0%
≥3 doses Hep B	338	69.1%
Hep B Birth dose	327	66.9%
≥1 dose Varicella	343	70.1%
≥3 doses PCV	359	73.4%
≥4 doses PCV	282	57.7%
≥2 doses Hep A	226	46.2%
≥1 dose Rotavirus	346	70.8%
4:3:1	288	58.9%
4:3:1:3	286	58.5%
4:3:1:4	249	50.9%
4:3:1:3:3	272	55.6%
4:3:1:0:3:1	272	55.6%
4:3:1:3:3:1	271	55.4%
4:3:1:4:3:1	235	48.1%
4:3:1:0:3:1:4	235	48.1%
4:3:1:3:3:1:4	234	47.9%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	158	
	Total	Percent
≥1 dose DTaP	121	76.6%
≥1 dose Polio	121	76.6%
≥1 dose Hib	116	73.4%
≥1 dose Hep B	130	82.3%
≥2 doses Hep B	67	42.4%
≥1 dose PCV	122	77.2%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	230	
	Total	Percent
≥2 doses DTaP	127	55.2%
≥2 doses Polio	129	56.1%
≥2 doses Hib	119	51.7%
≥2 doses Hep B	117	50.9%
≥2 doses PCV	128	55.7%

USIIS data queries are performed beginning August 15, 2013 and ending August 20, 2013. USIIS data are the most current because of querying methods in 2013. Please read results of USIIS with caution. Service areas vary because of the number of users who enter data into USIIS.

<13 Months of Age⁶		
Children in USIIS born between 06/01/2012 and 07/30/2013		
Total	517	
	Total	Percent
≥3 doses DTaP	232	44.9%
≥2 doses Polio	326	63.1%
≥1 dose MMR	70	13.5%
≥2 doses Hib	322	62.3%
≥3 doses Hib	288	55.7%
≥2 doses Hep B	317	61.3%
≥3 doses Hep B	209	40.4%
≥1 dose Varicella	49	9.5%
≥3 doses PCV	237	45.8%

<19 Months of Age⁶		
Children in USIIS born between 12/01/2011 and 07/30/2013		
Total	747	
	Total	Percent
≥3 doses DTaP	394	52.7%
≥4 doses DTaP	111	14.9%
≥3 doses Polio	386	51.7%
≥1 dose MMR	215	28.8%
≥3 doses Hib	389	52.1%
≥1 dose Hib	595	79.7%
≥3 doses Hep B	356	47.7%
≥1 dose Varicella	191	25.6%
≥3 doses PCV	391	52.3%
4:3:1	103	13.8%
4:3:1:3	102	13.7%
4:3:1:4	76	10.2%
4:3:1:3:3	96	12.9%
4:3:1:0:3	97	13.0%
4:3:1:4:3	73	9.8%
4:3:1:3:3:1	95	12.7%
4:3:1:0:3:1	95	12.7%
4:3:1:4:3:1	71	9.5%

Wasatch County Early Childhood Immunization 2013

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	925	
	Total	Percent
≥3 doses DTaP	523	56.5%
≥4 doses DTaP	211	22.8%
≥3 doses Polio	510	55.1%
≥1 dose MMR	330	35.7%
≥3 doses Hib	516	55.8%
≥1 dose Hib	745	80.5%
≥3 doses Hep B	474	51.2%
≥1 dose Varicella	307	33.2%
≥3 doses PCV	517	55.9%
≥4 doses PCV	260	28.1%
4:3:1	194	21.0%
4:3:1:3	193	20.9%
4:3:1:4	154	16.6%
4:3:1:3:3	182	19.7%
4:3:1:0:3	183	19.8%
4:3:1:4:3	146	15.8%
4:3:1:3:3:1	180	19.5%
4:3:1:0:3:1	180	19.5%
4:3:1:4:3:1	143	15.5%

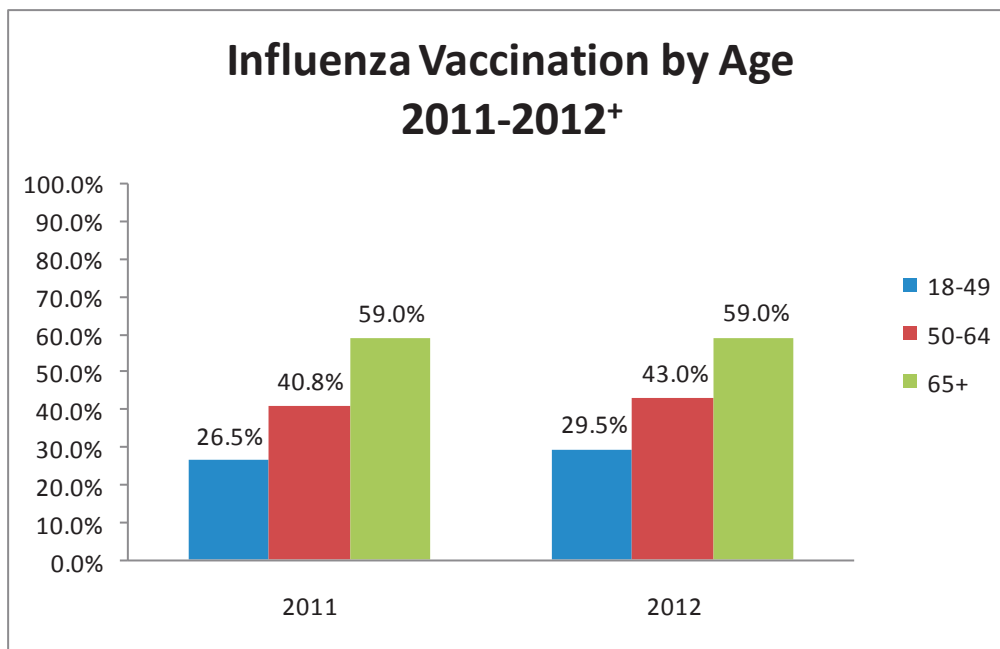
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	3,859		
	Total	Percent	
1 HPV	380	9.8%	
2 HPV	230	6.0%	
3 HPV	131	3.4%	

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	3,859		
	Total	Percent	
≥1 dose Meningococcal	1,614	41.8%	

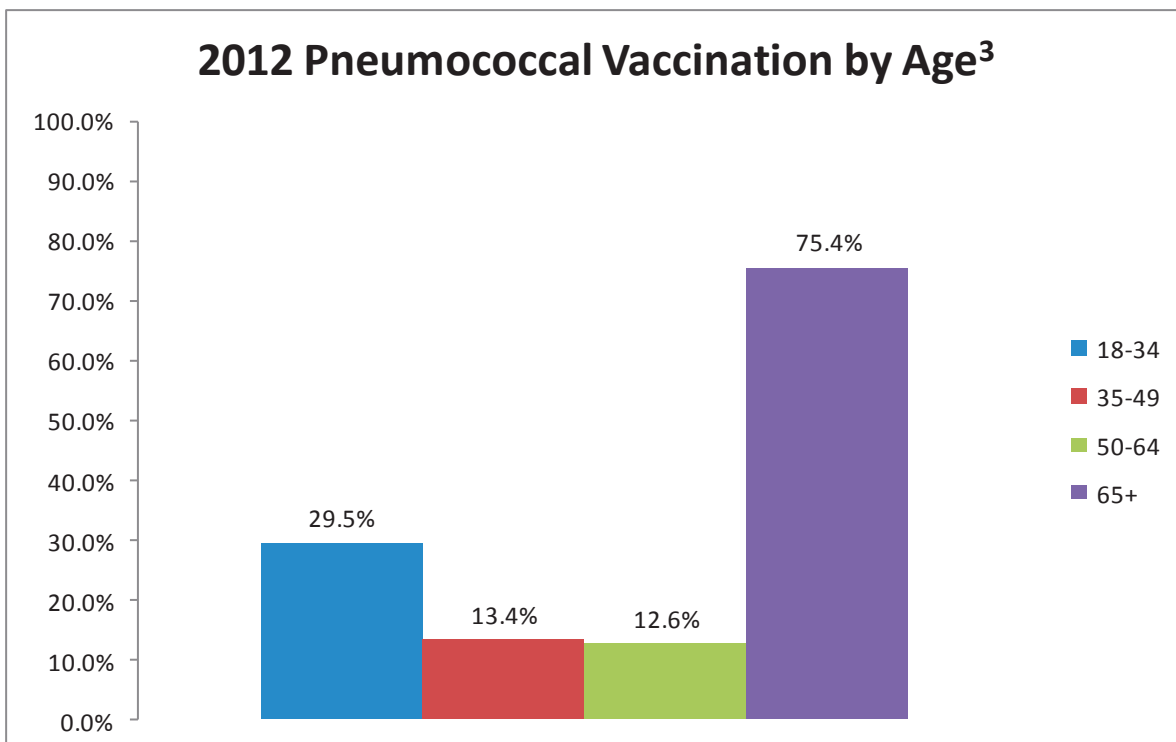
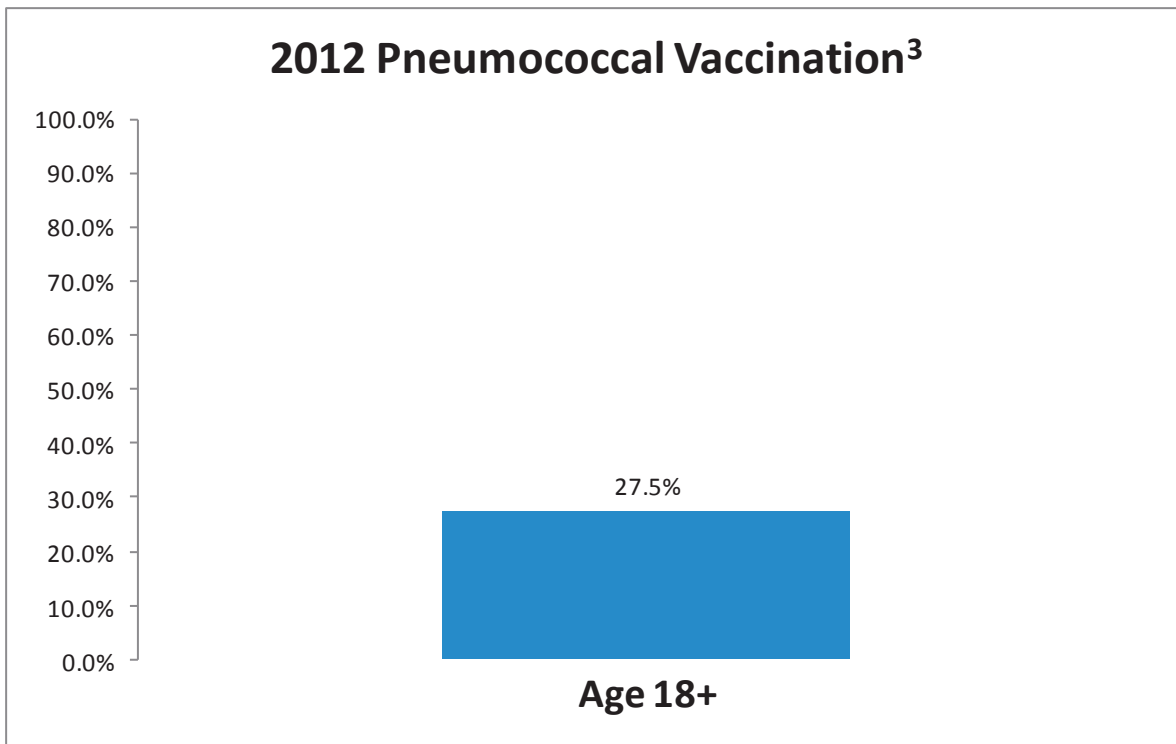
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	11,668		
	Total	Percent	
≥1 dose Influenza	5,393	46.2%	

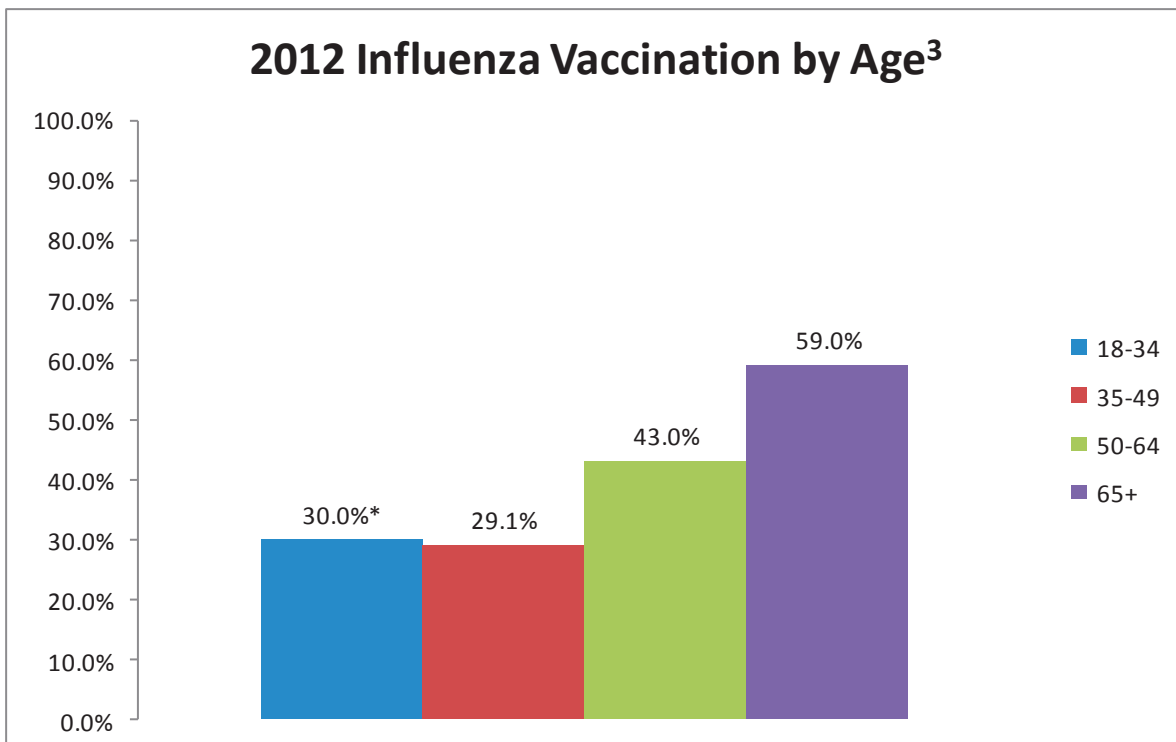
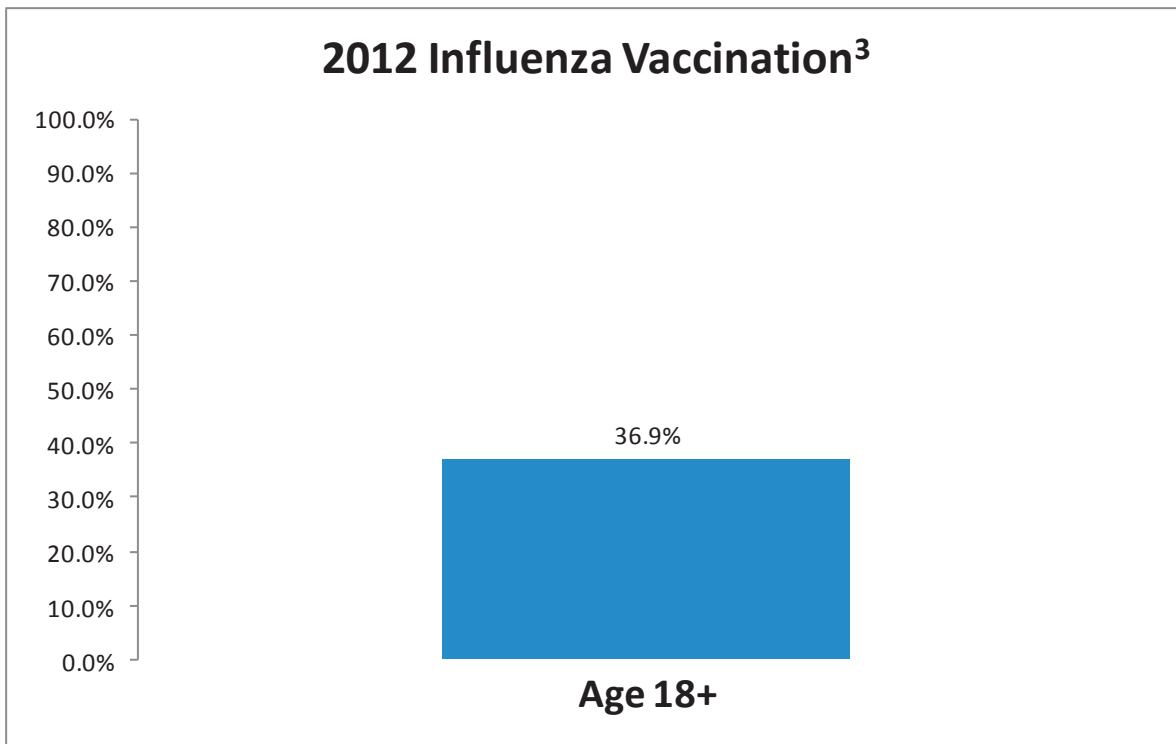
Adequately Immunized by School District 2012²		
Wasatch	Wasatch	
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	92.3%	4.2%
Second-Dose Measles (K-12)	96.1%	3.3%
7th Grade Entry	94.8%	4.9%

Immunized for Child Care 201²		
Wasatch	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	95.7%	2.6%
Head Start Centers	Reported in Utah Co HS	Reported in Utah Co HS



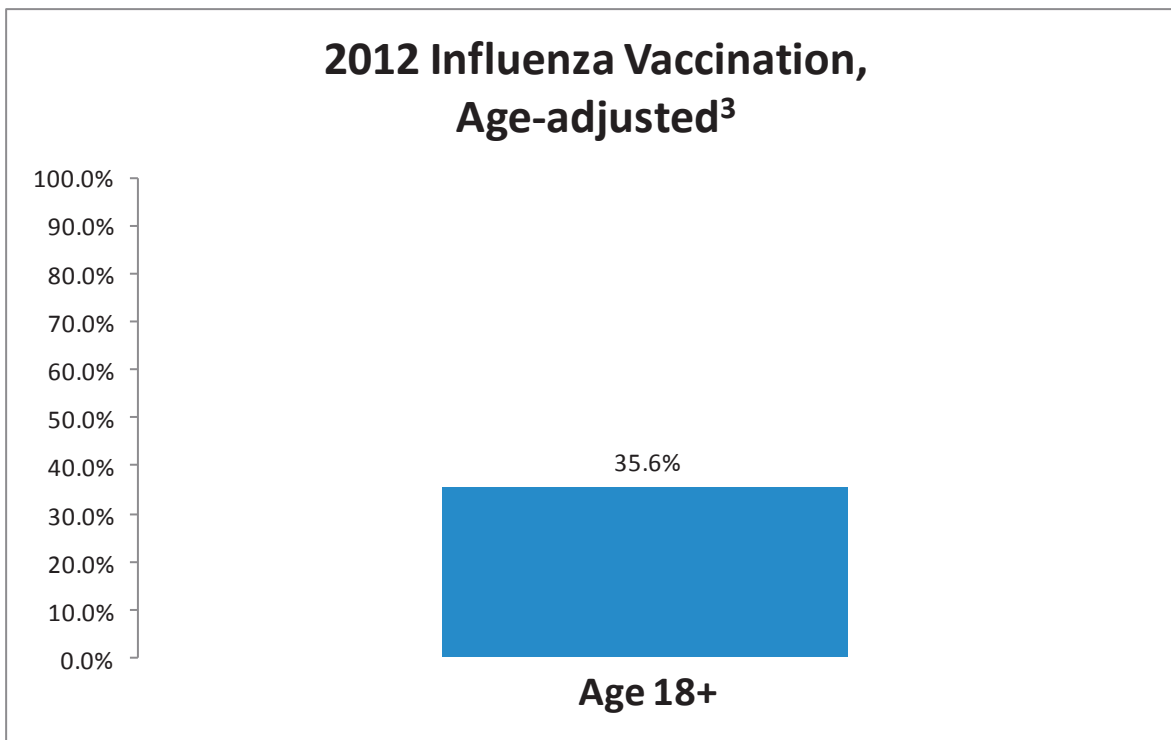
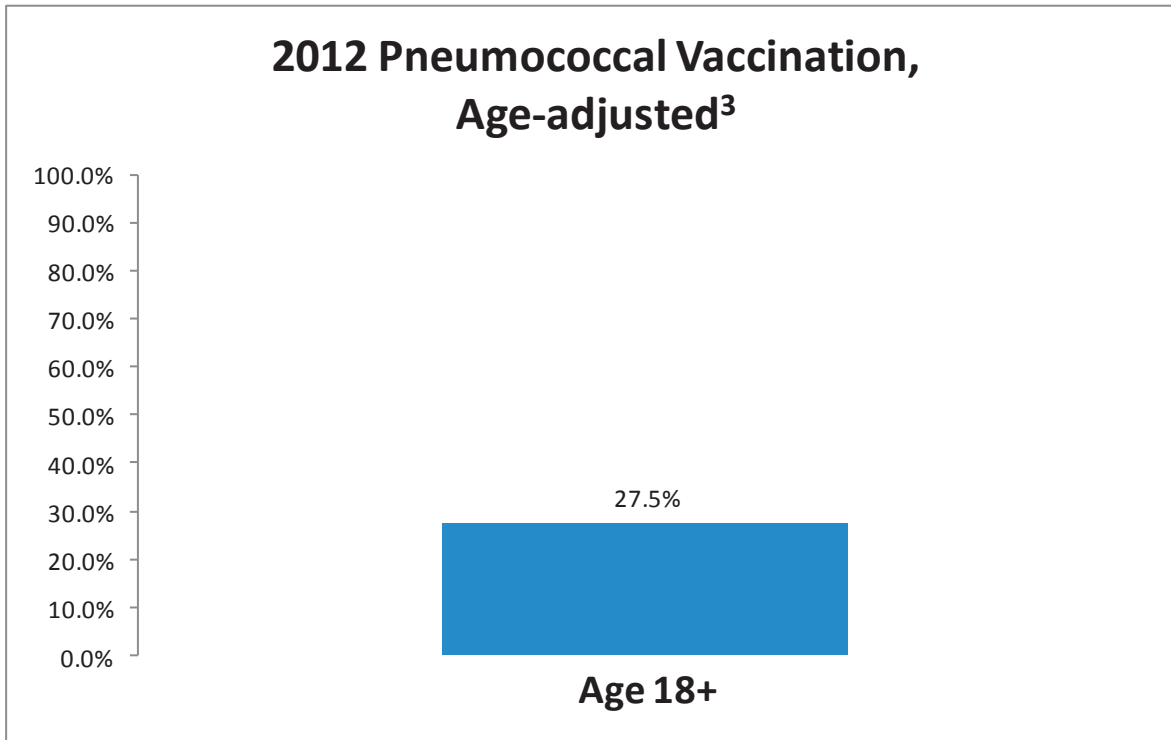
⁺Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.





Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2012. Crude Rates.

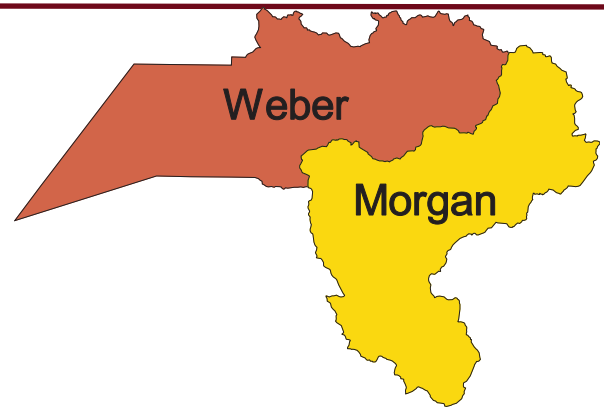
*Use caution in interpreting. The estimate has a coefficient of variation >30% and is therefore deemed unreliable by Utah Department of Health standards.



Weber-Morgan Service Area

Early Childhood Immunization

2013



24-35 months of Age ⁶		
Children in USIIS born between 08/01/2010 and 07/30/2011		
Total	4,600	
	Total	Percent
≥3 doses DTaP	3,408	74.1%
≥4 doses DTaP	2,894	62.9%
≥3 doses Polio	3,298	71.7%
≥1 dose MMR	3,407	74.1%
≥3 doses Hib	3,329	72.4%
≥1 dose Hib	3,815	82.9%
≥3 doses Hep B	3,356	73.0%
Hep B Birth dose	3,840	83.5%
≥1 dose Varicella	3,382	73.5%
≥3 doses PCV	3,364	73.1%
≥4 doses PCV	2,913	63.3%
≥2 doses Hep A	2,588	56.3%
≥1 dose Rotavirus	3,483	75.7%
4:3:1	2,831	61.5%
4:3:1:3	2,816	61.2%
4:3:1:4	2,746	59.7%
4:3:1:3:3	2,789	60.6%
4:3:1:0:3:1	2,777	60.4%
4:3:1:3:3:1	2,763	60.1%
4:3:1:4:3:1	2,700	58.7%
4:3:1:0:3:1:4	2,700	58.7%
4:3:1:3:3:1:4	2,693	58.5%

≤3 months of Age ⁶		
Children in USIIS born between 04/01/2013 and 07/30/2013		
Total	1,540	
	Total	Percent
≥1 dose DTaP	1,173	76.2%
≥1 dose Polio	1,170	76.0%
≥1 dose Hib	1,150	74.7%
≥1 dose Hep B	1,435	93.2%
≥2 doses Hep B	1,135	73.7%
≥1 dose PCV	1,150	74.7%

≤5 months of Age ⁶		
Children in USIIS born between 02/01/2013 and 07/30/2013		
Total	2,221	
	Total	Percent
≥2 doses DTaP	1,219	54.9%
≥2 doses Polio	1,207	54.3%
≥2 doses Hib	1,190	53.6%
≥2 doses Hep B	1,659	74.7%
≥2 doses PCV	1,172	52.8%

USIIS data queries are performed beginning August 15, 2013 and ending August 20, 2013. USIIS data are the most current because of querying methods in 2013. Please read results of USIIS with caution. Service areas vary because of the number of users who enter data into USIIS.

<13 Months of Age⁶			
Children in USIIS born between 06/01/2012 and 07/30/2013			
Total	5,184		
		Total	Percent
≥3 doses DTaP		2,701	52.1%
≥2 doses Polio		3,590	69.3%
≥1 dose MMR		1,101	21.2%
≥2 doses Hib		3,559	68.7%
≥3 doses Hib		2,524	48.7%
≥2 doses Hep B		4,089	78.9%
≥3 doses Hep B		2,983	57.5%
≥1 dose Varicella		1,091	21.0%
≥3 doses PCV		2,656	51.2%

<19 Months of Age⁶			
Children in USIIS born between 12/01/2011 and 07/30/2013			
Total	7,329		
		Total	Percent
≥3 doses DTaP		4,328	59.1%
≥4 doses DTaP		1,663	22.7%
≥3 doses Polio		4,256	58.1%
≥1 dose MMR		2,669	36.4%
≥3 doses Hib		4,109	56.1%
≥1 dose Hib		5,963	81.4%
≥3 doses Hep B		4,591	62.6%
≥1 dose Varicella		2,654	36.2%
≥3 doses PCV		4,277	58.4%
4:3:1		1,614	22.0%
4:3:1:3		1,601	21.8%
4:3:1:4		1,533	20.9%
4:3:1:3:3		1,578	21.5%
4:3:1:0:3		1,591	21.7%
4:3:1:4:3		1,514	20.7%
4:3:1:3:3:1		1,564	21.3%
4:3:1:0:3:1		1,577	21.5%
4:3:1:4:3:1		1,502	20.5%

<24 Months of Age⁶		
Children in USIS born between 07/01/2011 and 07/30/2013		
Total	9,265	
	Total	Percent
≥3 doses DTaP	5,805	62.7%
≥4 doses DTaP	2,897	31.3%
≥3 doses Polio	5,694	61.5%
≥1 dose MMR	4,123	44.5%
≥3 doses Hib	5,544	59.8%
≥1 dose Hib	7,595	82.0%
≥3 doses Hep B	6,044	65.2%
≥1 dose Varicella	4,092	44.2%
≥3 doses PCV	5,751	62.1%
≥4 doses PCV	3,323	35.9%
4:3:1	2,819	30.4%
4:3:1:3	2,790	30.1%
4:3:1:4	2,699	29.1%
4:3:1:3:3	2,746	29.6%
4:3:1:0:3	2,775	30.0%
4:3:1:4:3	2,662	28.7%
4:3:1:3:3:1	2,719	29.3%
4:3:1:0:3:1	2,747	29.6%
4:3:1:4:3:1	2,636	28.5%

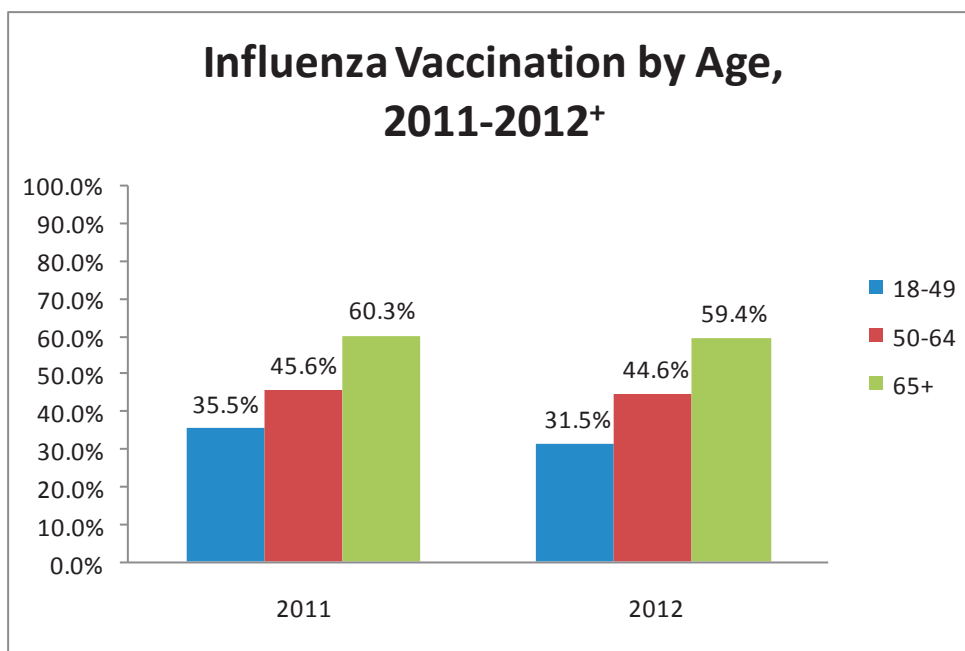
12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	35,692		
	Total	Percent	
1 HPV	5,623	15.8%	
2 HPV	3,734	10.5%	
3 HPV	2,361	6.6%	

12-17 Years of Age ⁶			
Children in USIS born between 08/01/1995 and 07/30/2001			
Total	35,692		
	Total	Percent	
≥1 dose Meningococcal	13,494	37.8%	

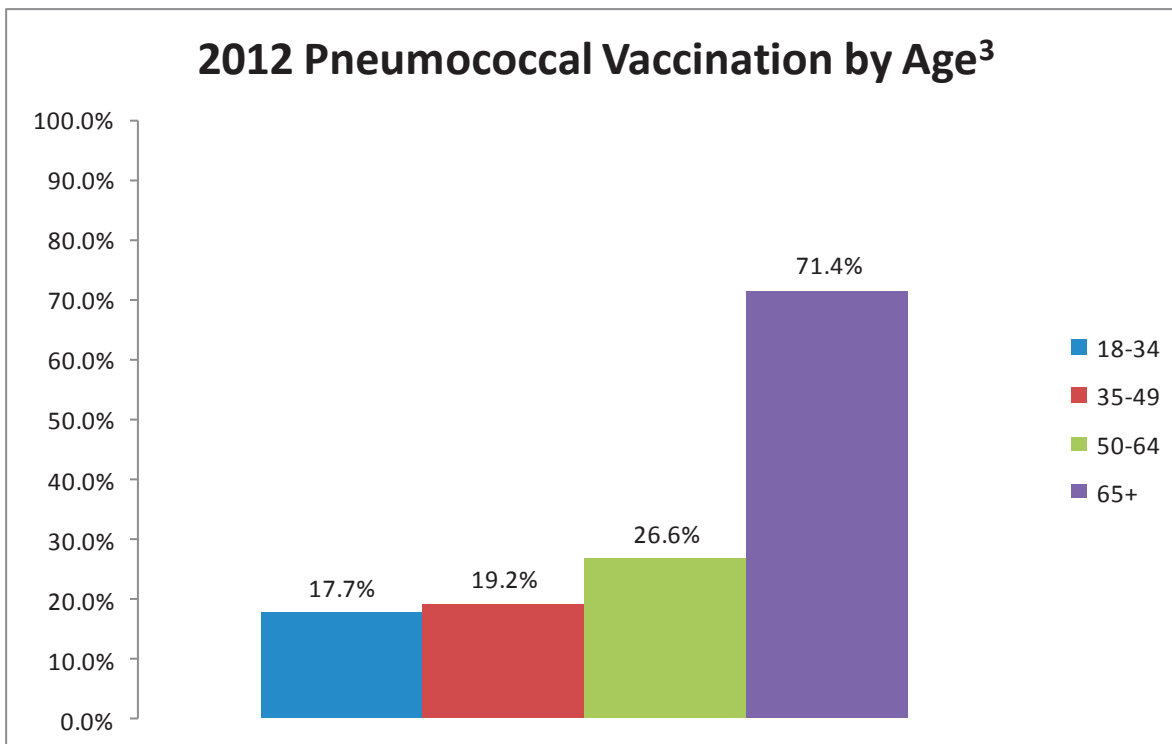
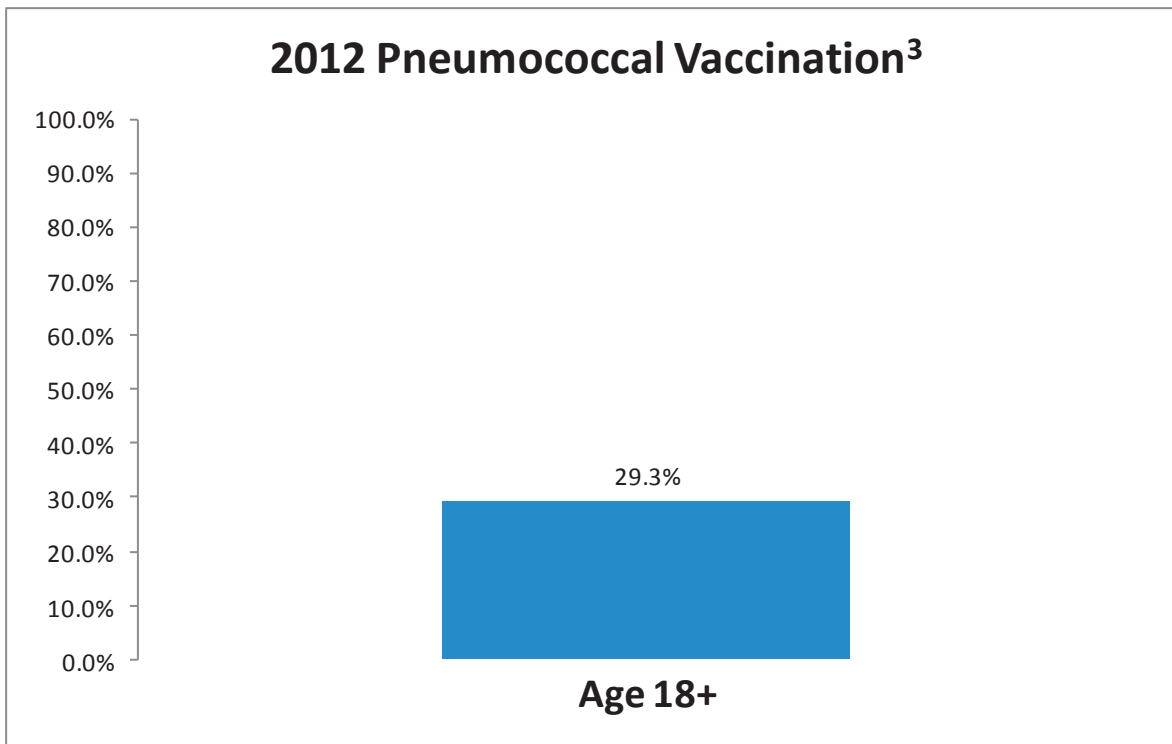
<18 Years of Age ⁶			
Children in USIS born between 08/01/1994 and 07/30/2013			
Total	105,218		
	Total	Percent	
≥1 dose Influenza	43,105	41.0%	

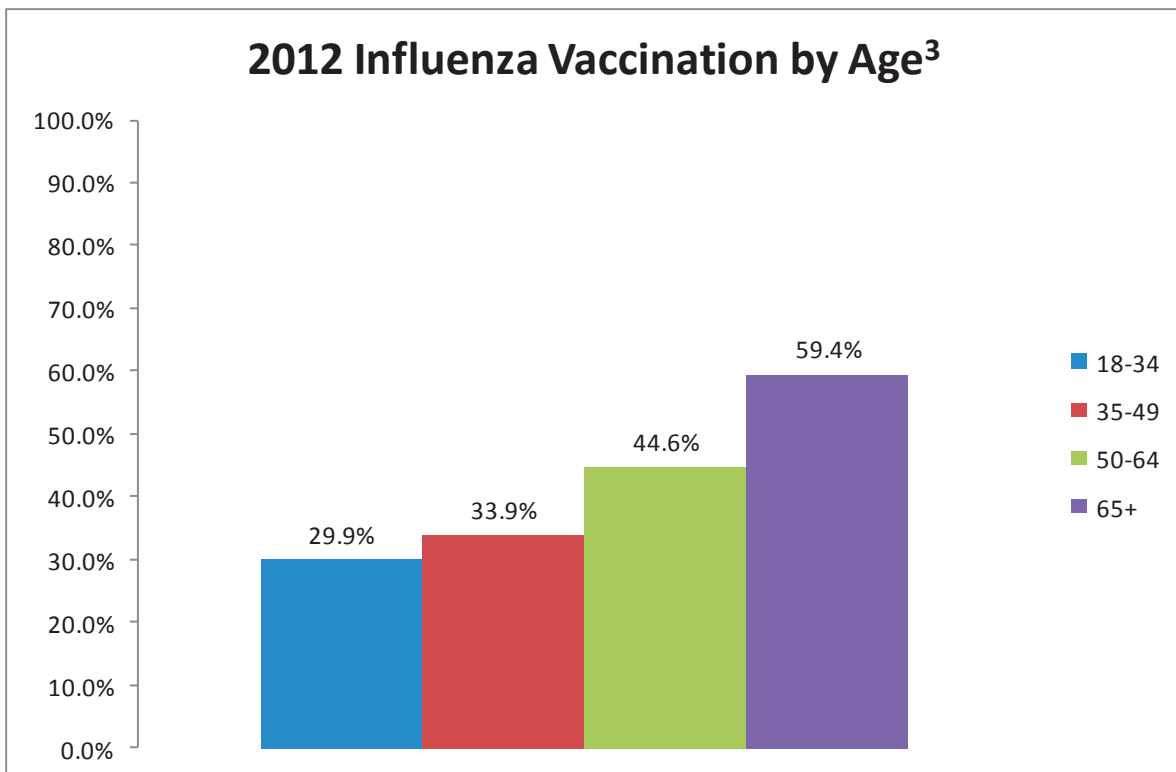
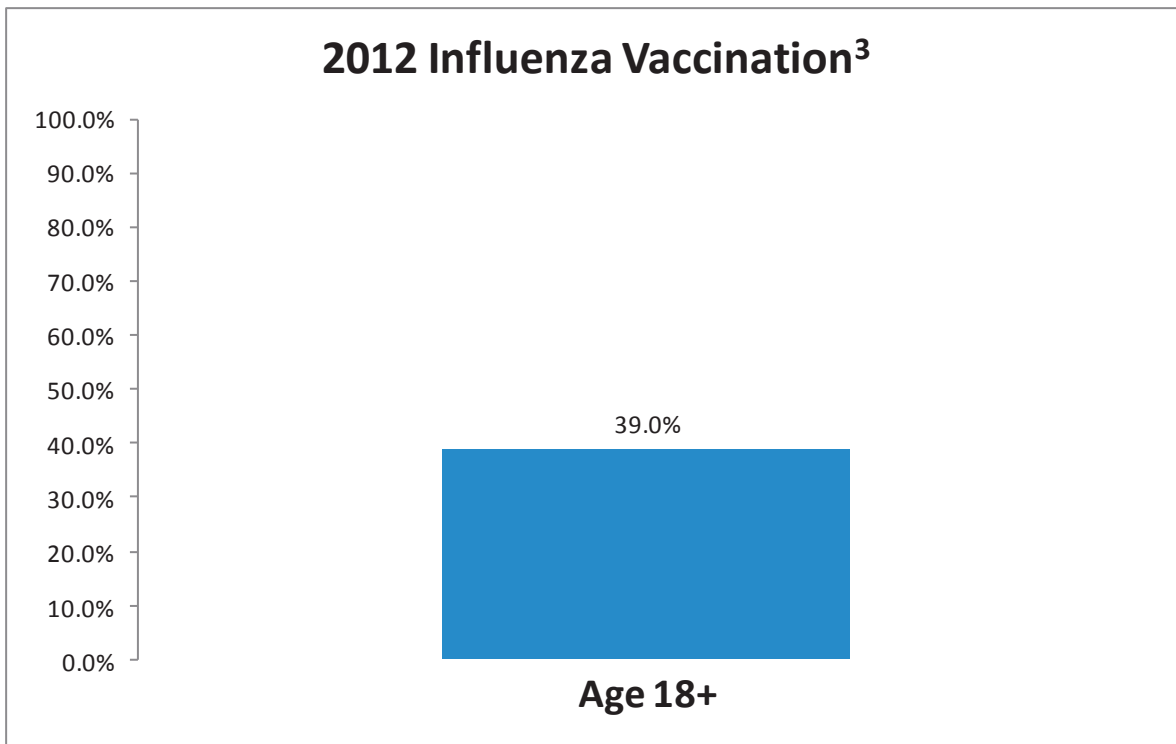
Adequately Immunized by School District 2012²						
Weber-Morgan	Morgan		Ogden		Weber	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	93.3%	4.9%	87.0%	2.4%	93.2%	2.5%
Second-Dose Measles(K-12)	96.7%	3.2%	97.3%	1.9%	98.1%	1.7%
7th Grade Entry	96.6%	3.5%	94.2%	0.9%	96.2%	1.9%

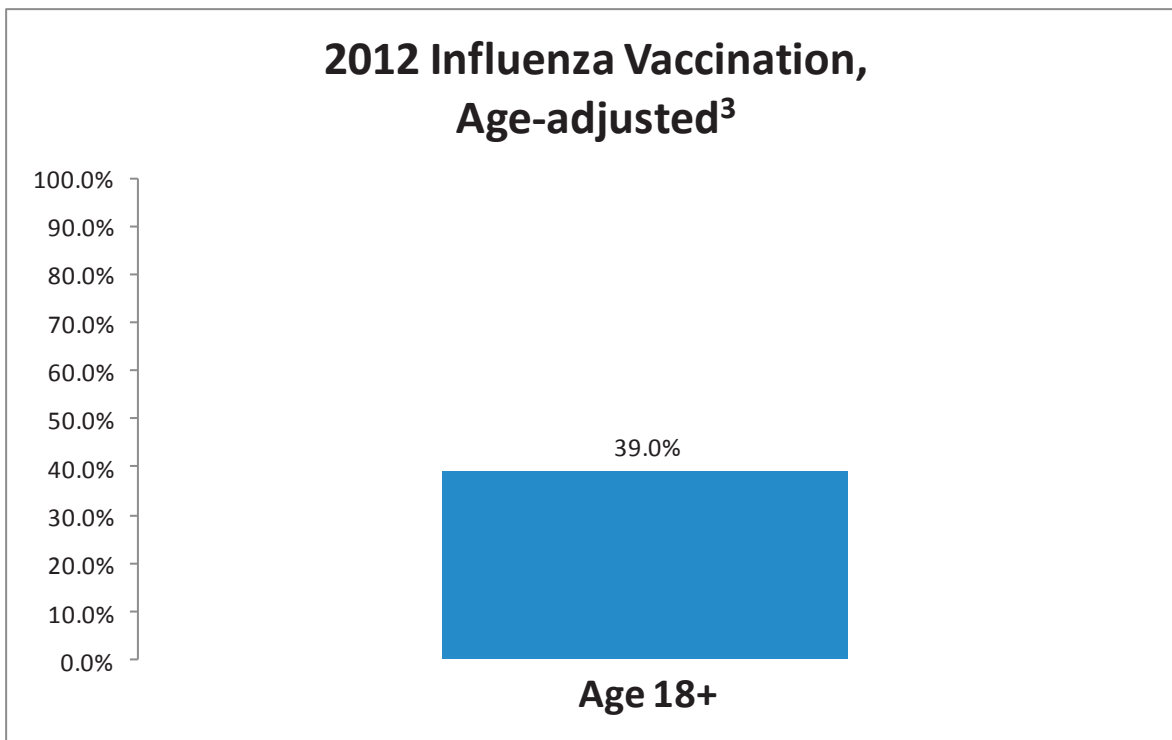
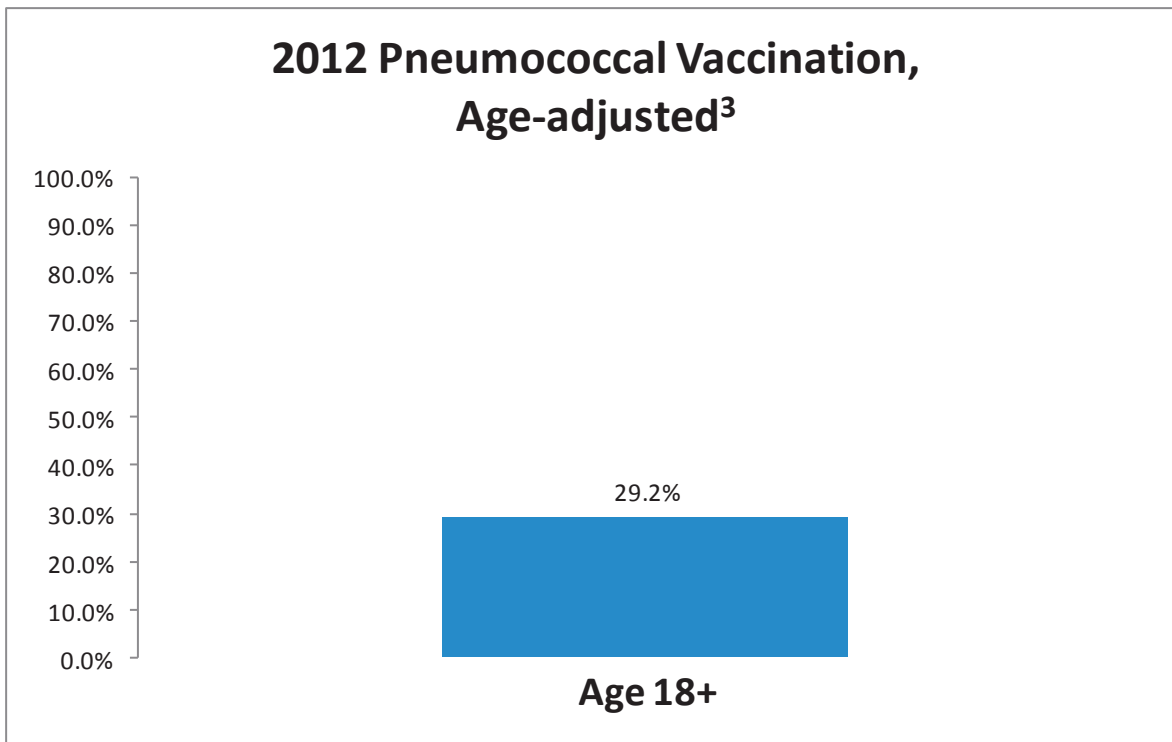
Immunized for Child Care 2012²		
Weber-Morgan	Adequately Immunized	Total Exemptions
Licensed Child Care Facilities	93.4%	1.7%
Head Start Centers	96.0%	1.0%



*Source: Behavioral Risk Factor Surveillance System (BRFSS), Utah, 2011-2012. Crude Rates.





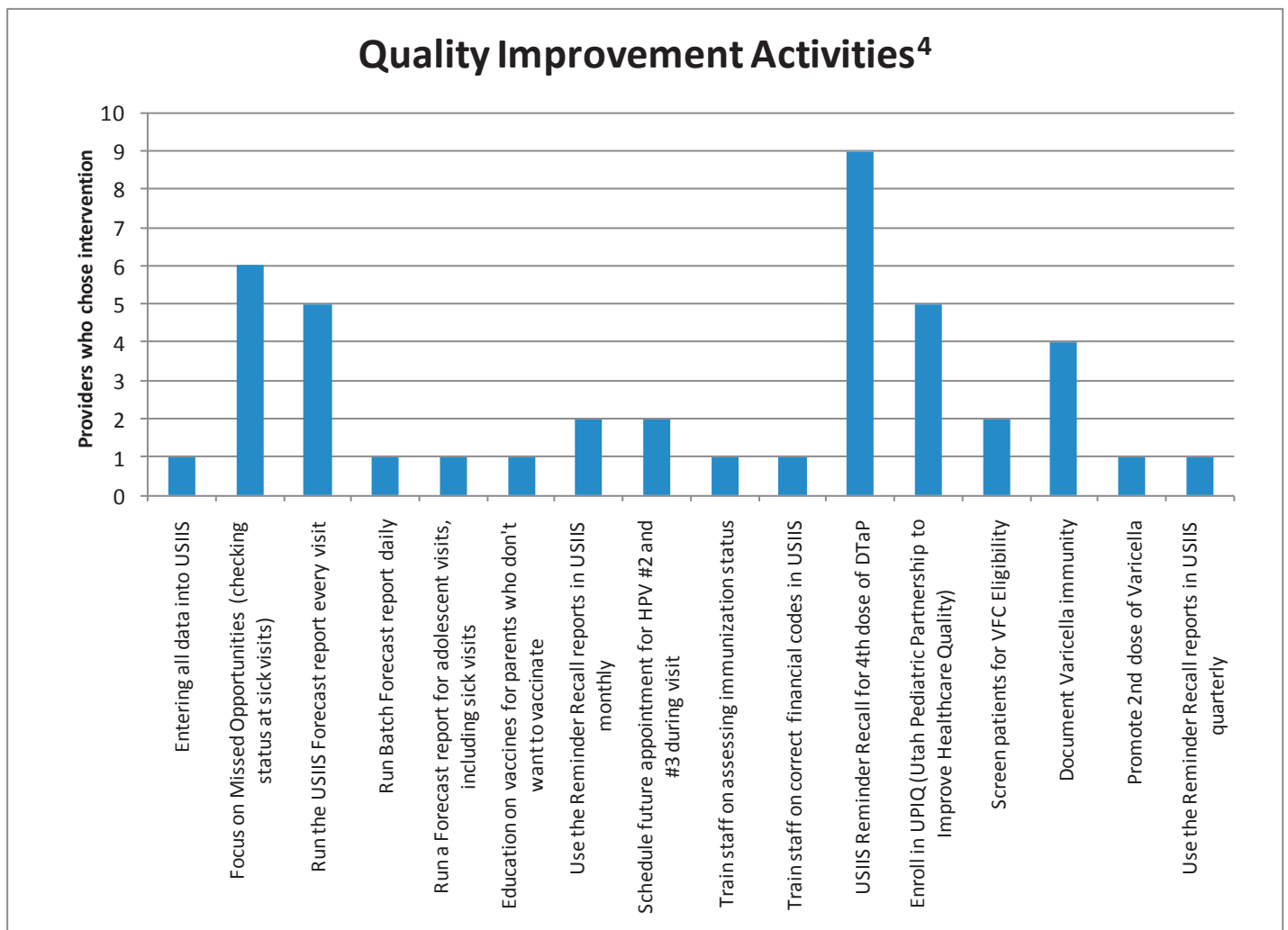


Appendix A: AFIX (Assessment, Feedback, Incentive, eXchange) 2013

The Utah Immunization Program is implementing quality feedback with providers regarding their yearly immunization rate assessments through a program called AFIX (Assessment, Feedback, Incentive, eXchange).

As of September 2013, 172 AFIX visits were conducted. Twenty-seven of those visits included an in-depth feedback session. Feedback sessions are a great time for office staff to sit down and discuss immunizations with UIP staff. UIP staff are able to help give suggestions and data, but ultimately the clinic decides what activities to implement to increase their vaccination coverage levels. Some of the most common goals were:

- ◆ 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 history or disease of Varicella and to remind of 2nd Varicella;
- ◆ Scheduling the next visit before the patient leaves; and
- ◆ Repeat assessments will be done annually to evaluate the effectiveness of these office strategies.



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 health care facilities, and type I and type II assisted living facilities. All 307 of the care facilities now operating reported for 2012.

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

Hepatitis B immunizations: given at any time to an employee having direct patient contact

State of Utah: 307 Facilities

	Residents and Employees Immunized in Long-Term Care Facilities		
	Total	Flu	Pneumococcal
Residents	16,908	75.3%	57.2%
	Total	Flu	Hepatitis B
All Employees	17,984	55.9%	N/A
Employees with Direct Patient Care	13,781	N/A	54.5%

Bear River Service Area: 20 Facilities			
	Number	Flu	Pneumococcal
Residents	836	70.0%	60.9%
	Number	Flu	Hepatitis B
All Employees	1,420	65.9%	N/A
Employees with Direct Patient Care	1,028	N/A	68.8%

Central Utah Service Area: 17 Facilities			
	Number	Flu	Pneumococcal
Residents	449	84.9%	66.6%
	Number	Flu	Hepatitis B
All Employees	632	73.7%	N/A
Employees with Direct Patient Care	519	N/A	56.1%

Davis County: 26 Facilities			
	Number	Flu	Pneumococcal
Residents	2,023	72.9%	57.6%
	Number	Flu	Hepatitis B
All Employees	1,992	66.3%	N/A
Employees with Direct Patient Care	1,486	N/A	56.8%

Salt Lake County: 93 Facilities			
	Number	Flu	Pneumococcal
Residents	6,487	74.5%	55.1%
	Number	Flu	Hepatitis B
All Employees	5,959	52.2%	N/A
Employees with Direct Patient Care	4,505	N/A	45.1%

Southeastern Utah Service Area: 8 Facilities

	Number	Flu	Pneumococcal
Residents	325	90.2%	44.3%
	Number	Flu	Hepatitis B
All Employees	703	72.3%	N/A
Employees with Direct Patient Care	518	N/A	61.4%

Southwest Utah Service Area: 37 Facilities

	Number	Flu	Pneumococcal
Residents	1,607	70.4%	49.1%
	Number	Flu	Hepatitis B
All Employees	1,497	55.4%	N/A
Employees with Direct Patient Care	1,066	N/A	58.2%

Summit County: 1 Facility

	Number	Flu	Pneumococcal
Residents	46	71.7%	21.7%
	Number	Flu	Hepatitis B
All Employees	31	58.1%	N/A
Employees with Direct Patient Care	26	N/A	30.8%

Tooele County: 5 Facilities

	Number	Flu	Pneumococcal
Residents	171	93.0%	95.9%
	Number	Flu	Hepatitis B
All Employees	199	70.9%	N/A
Employees with Direct Patient Care	151	N/A	90.1%

TriCounty Service Area: 7 Facilities			
	Number	Flu	Pneumococcal
Residents	303	91.6%	88.5%
	Number	Flu	Hepatitis B
All Employees	563	72.8%	N/A
Employees with Direct Patient Care	485	N/A	79.6%

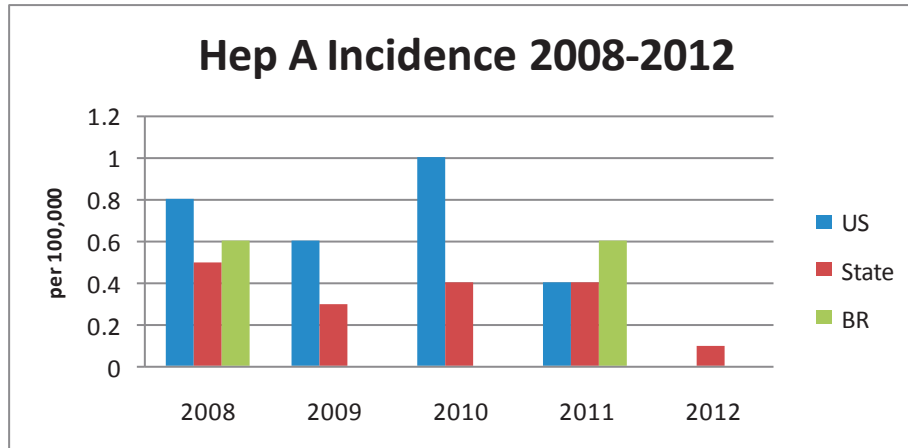
Utah County: 67 Facilities			
	Number	Flu	Pneumococcal
Residents	2,829	76.6%	61.9%
	Number	Flu	Hepatitis B
All Employees	3,201	45.2%	N/A
Employees with Direct Patient Care	2,610	N/A	54.2%

Wasatch County: 2 Facilities			
	Number	Flu	Pneumococcal
Residents	46	87.0%	65.2%
	Number	Flu	Hepatitis B
All Employees	44	61.4%	N/A
Employees with Direct Patient Care	26	N/A	100.0%

Weber-Morgan Service Area: 24 Facilities			
	Number	Flu	Pneumococcal
Residents	1,767	75.6%	53.8%
	Number	Flu	Hepatitis B
All Employees	1,743	48.5%	N/A
Employees with Direct Patient Care	1,298	N/A	53.6%

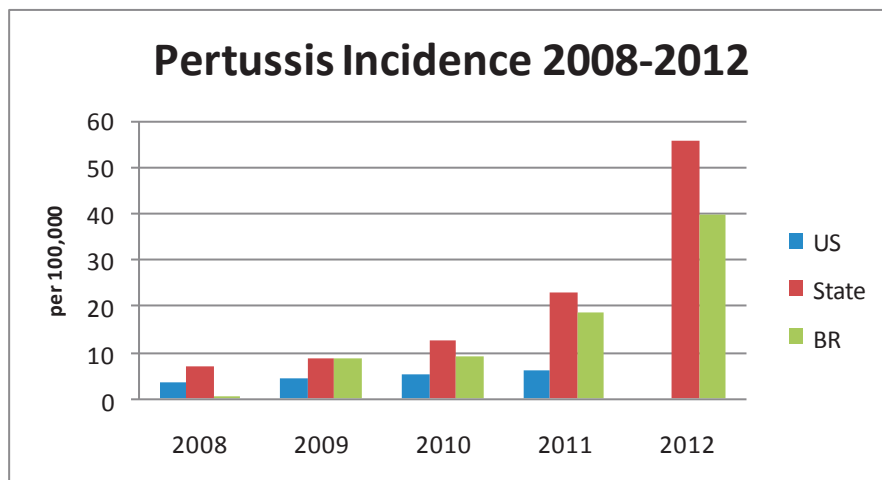
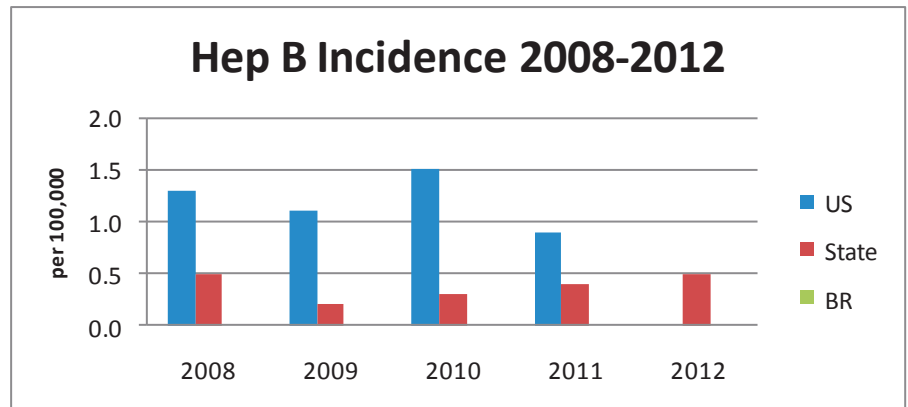
Bear River Service Area

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 Office of Epidemiology, Utah Department of Health, for statewide and local health districts. National data were obtained from the CDC. The 2012 U.S. rates were estimated from CDC provisional data. U.S. data from 2012 should be viewed as only an estimate. Pertussis incidence is an estimate based on numbers reported to date and could be much higher.



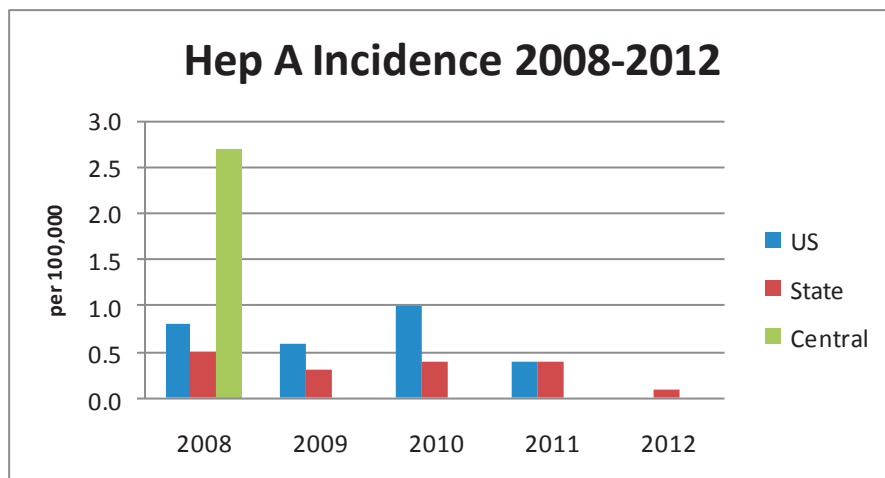
Hepatitis A			
Year	US	State	BR
2008	0.8	0.5	0.6
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.6
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	BR
2008	1.3	0.5	0.0
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



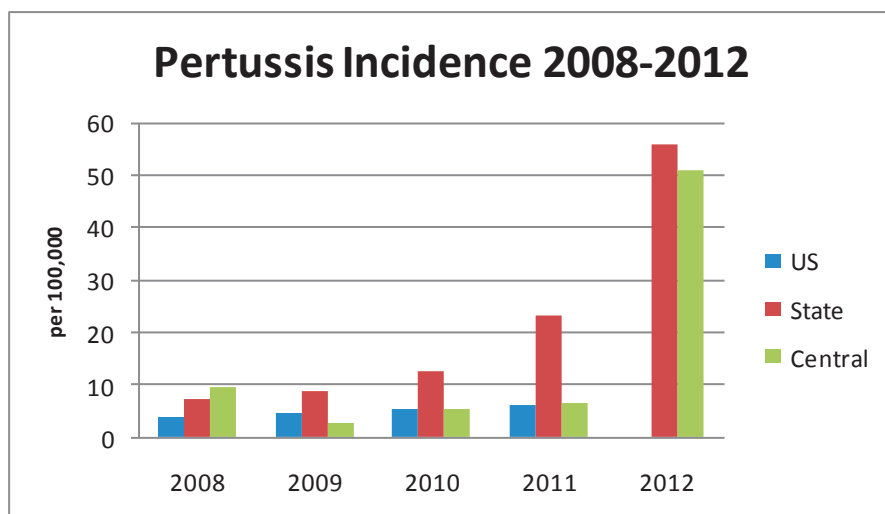
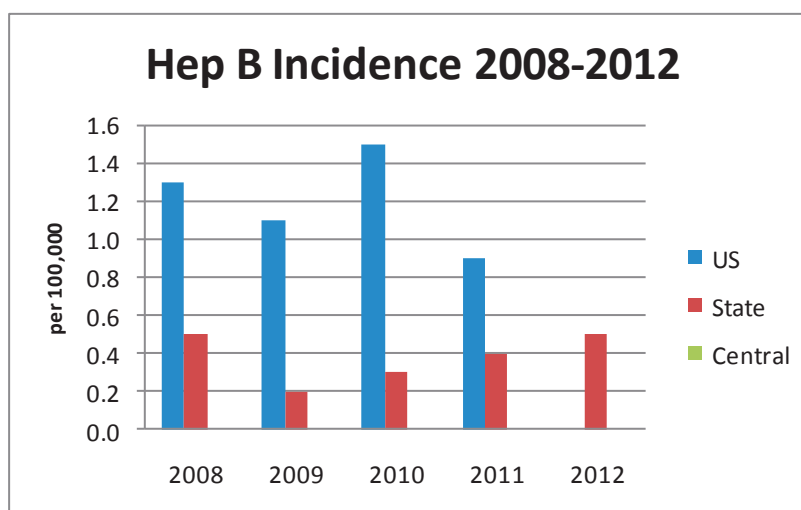
Pertussis			
Year	US	State	BR
2008	3.8	7.2	0.6
2009	4.4	8.7	8.6
2010	5.5	12.7	9.0
2011	6.0	23.2	18.5
2012	N/A	55.7	39.8

Central Utah Service Area



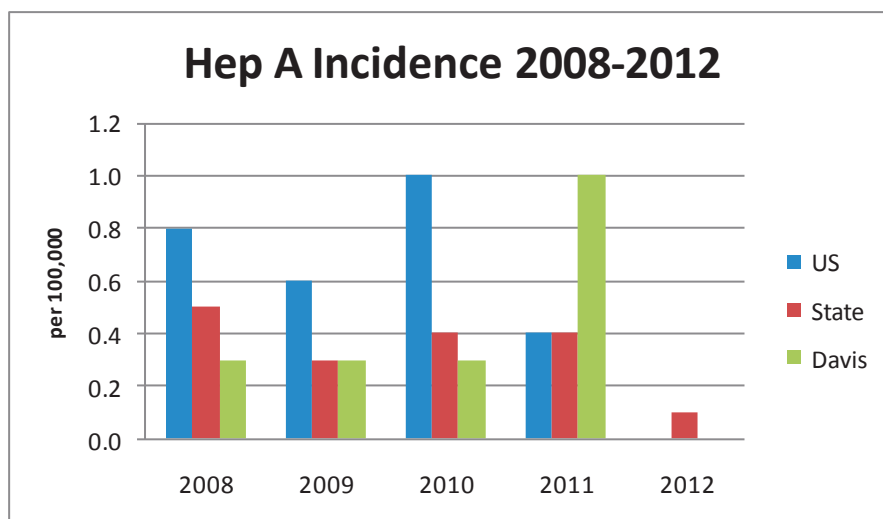
Hepatitis A			
Year	US	State	Central
2008	0.8	0.5	2.7
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	Central
2008	1.3	0.5	0.0
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



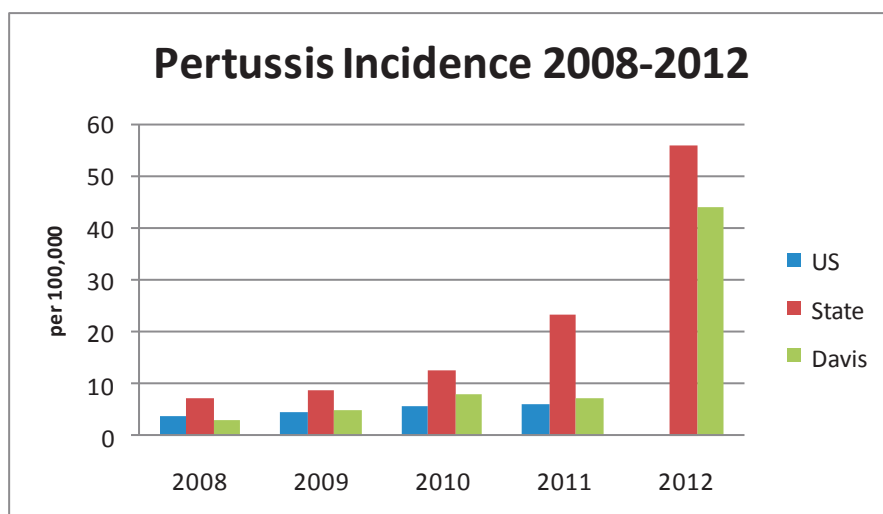
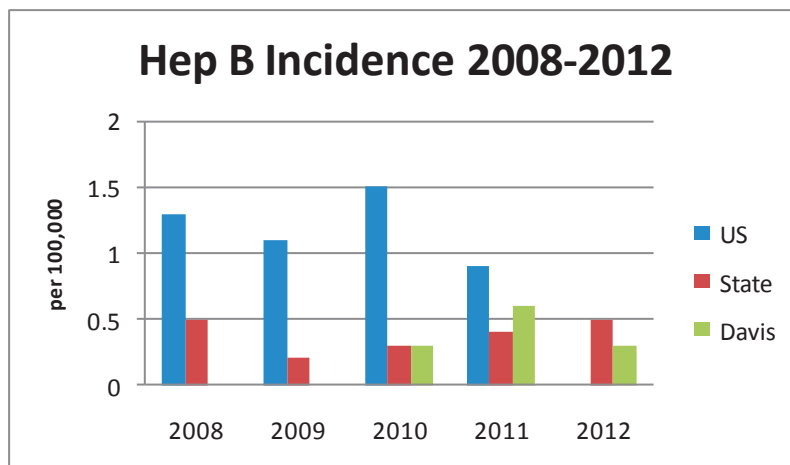
Pertussis			
Year	US	State	Central
2008	3.8	7.2	9.4
2009	4.4	8.7	2.6
2010	5.5	12.7	5.2
2011	6.0	23.2	6.5
2012	N/A	55.7	51.0

Davis County



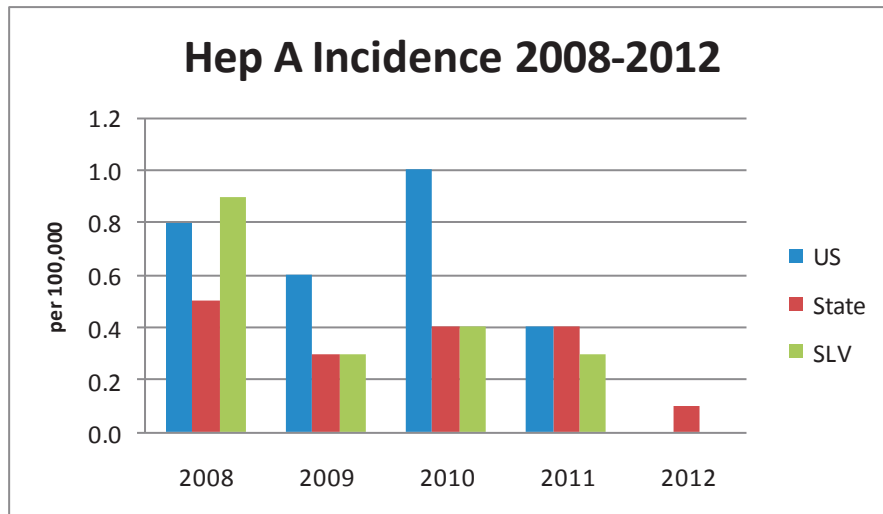
Hepatitis A			
Year	US	State	Davis
2008	0.8	0.5	0.3
2009	0.6	0.3	0.3
2010	1.0	0.4	0.3
2011	0.4	0.4	1.0
2012	N/A	0.1	0.3

Hepatitis B			
Year	US	State	Davis
2008	1.3	0.5	0.0
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



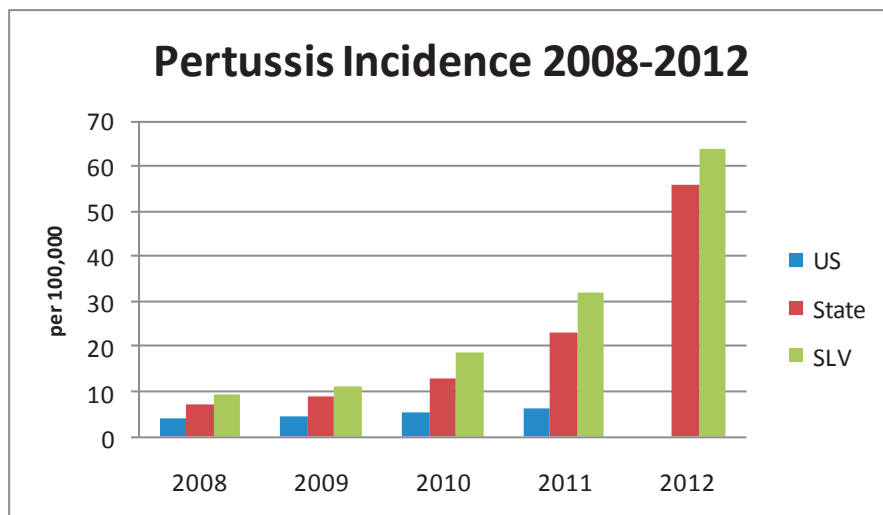
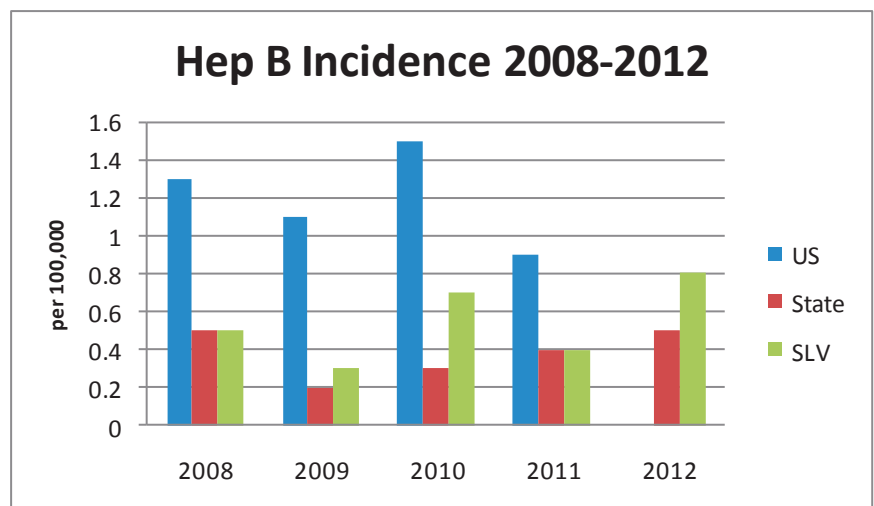
Pertussis			
Year	US	State	Davis
2008	3.8	7.2	3.0
2009	4.4	8.7	5.0
2010	5.5	12.7	8.1
2011	6.0	23.2	7.1
2012	N/A	55.7	44.0

Salt Lake County



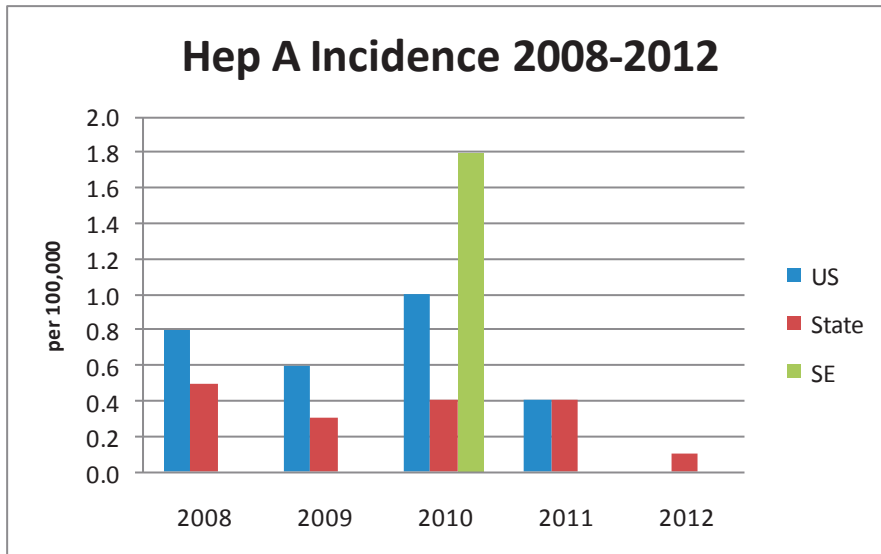
Hepatitis A			
Year	US	State	SLV
2008	0.8	0.5	0.9
2009	0.6	0.3	0.3
2010	1.0	0.4	0.4
2011	0.4	0.4	0.3
2012	N/A	0.1	0.2

Hepatitis B			
Year	US	State	SLV
2008	1.3	0.5	0.5
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



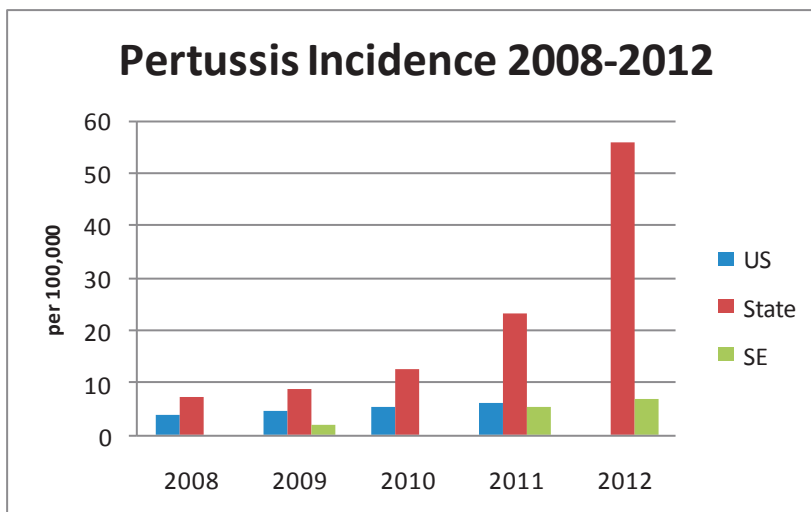
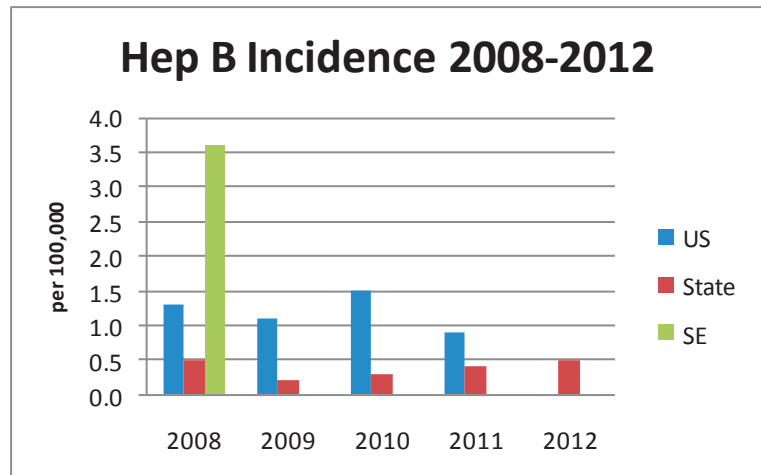
Pertussis			
Year	US	State	SLV
2008	3.8	7.2	9.2
2009	4.4	8.7	11.3
2010	5.5	12.7	18.6
2011	6.0	23.2	31.9
2012	N/A	55.7	63.9

Southeastern Utah Service Area



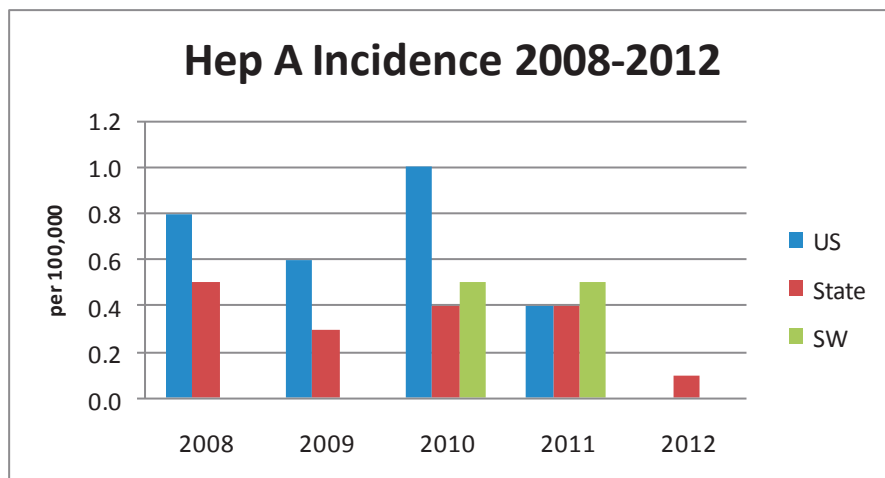
Hepatitis A			
Year	US	State	SE
2008	0.8	0.5	0.0
2009	0.6	0.3	0.0
2010	1.0	0.4	1.8
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	SE
2008	1.3	0.5	3.6
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



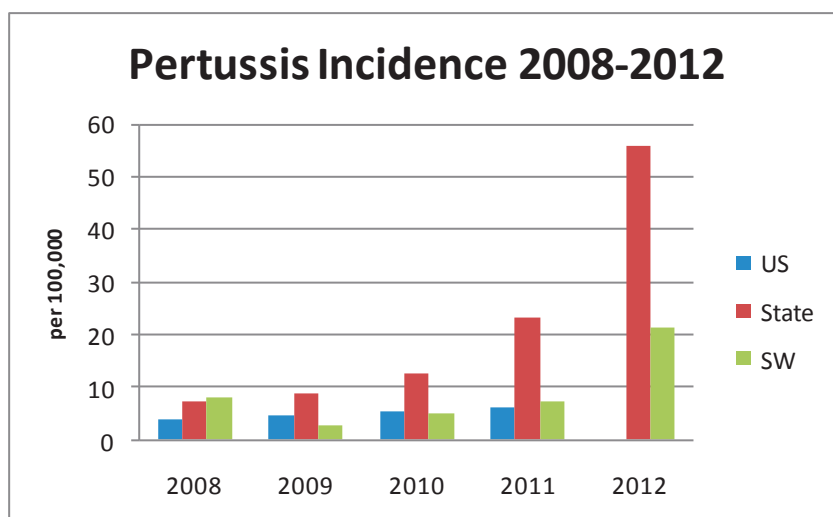
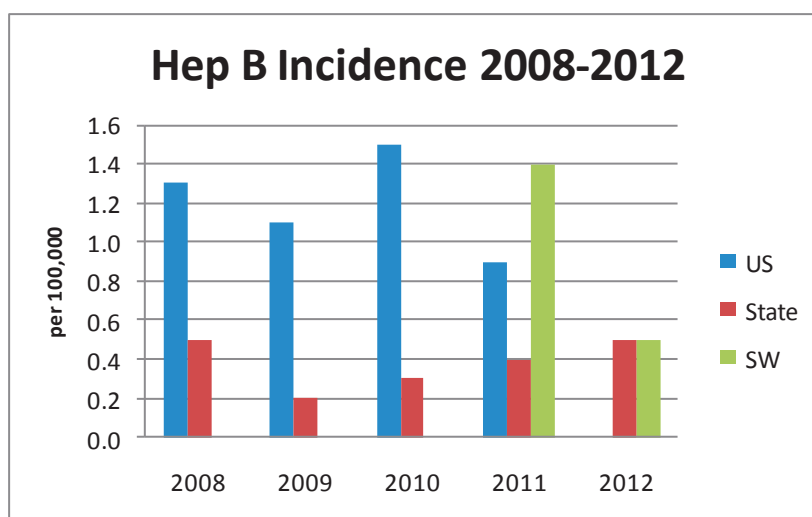
Pertussis			
Year	US	State	SE
2008	3.8	7.2	0.0
2009	4.4	8.7	1.8
2010	5.5	12.7	0.0
2011	6.0	23.2	5.3
2012	N/A	55.7	7.0

Southwest Utah Service Area



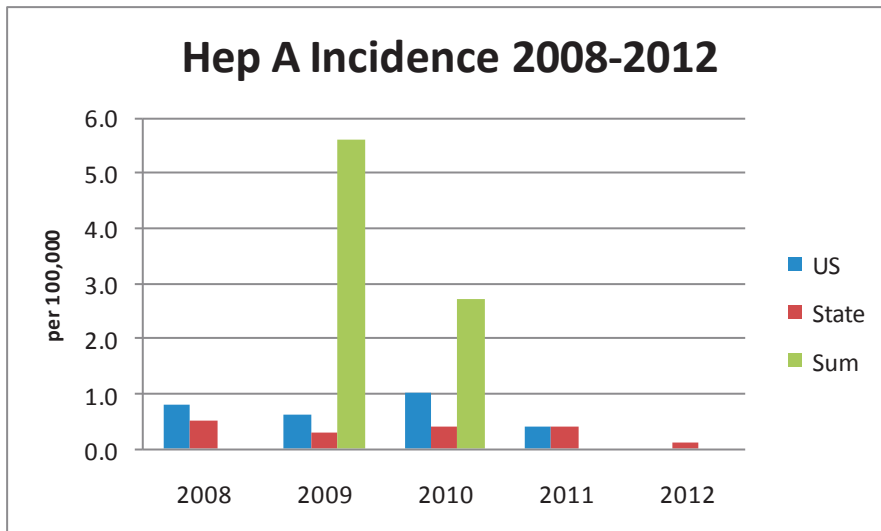
Hepatitis A			
Year	US	State	SW
2008	0.8	0.5	0.0
2009	0.6	0.3	0.0
2010	1.0	0.4	0.5
2011	0.4	0.4	0.5
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	SW
2008	1.3	0.5	0.0
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



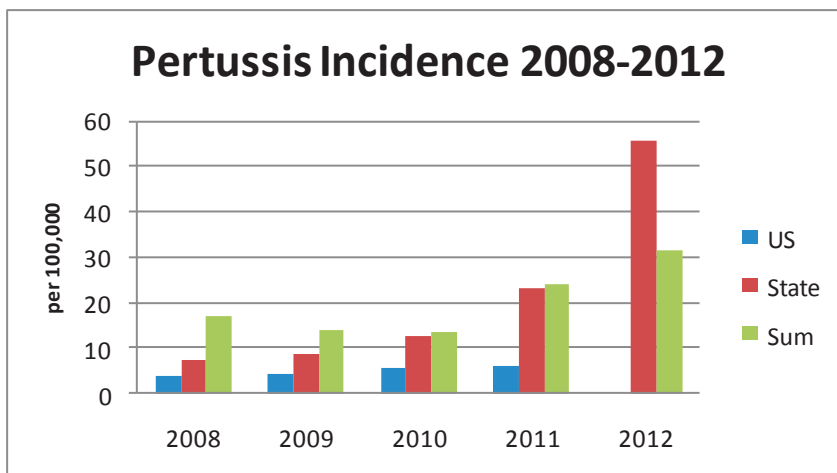
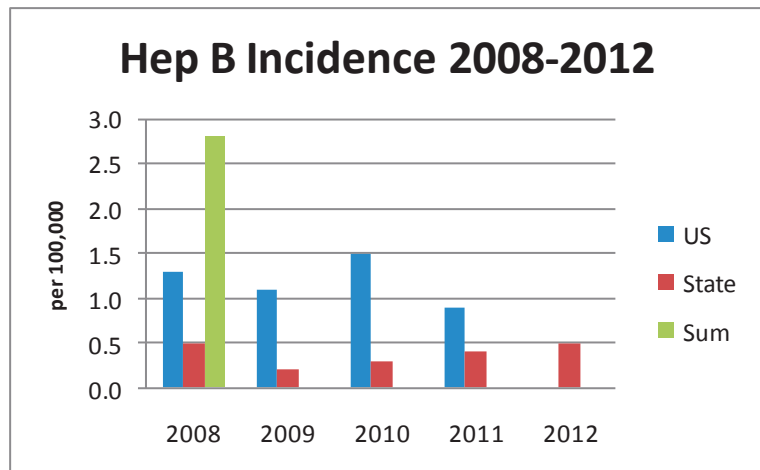
Pertussis			
Year	US	State	SW
2008	3.8	7.2	8.1
2009	4.4	8.7	2.5
2010	5.5	12.7	4.9
2011	6.0	23.2	7.2
2012	N/A	55.7	21.3

Summit County



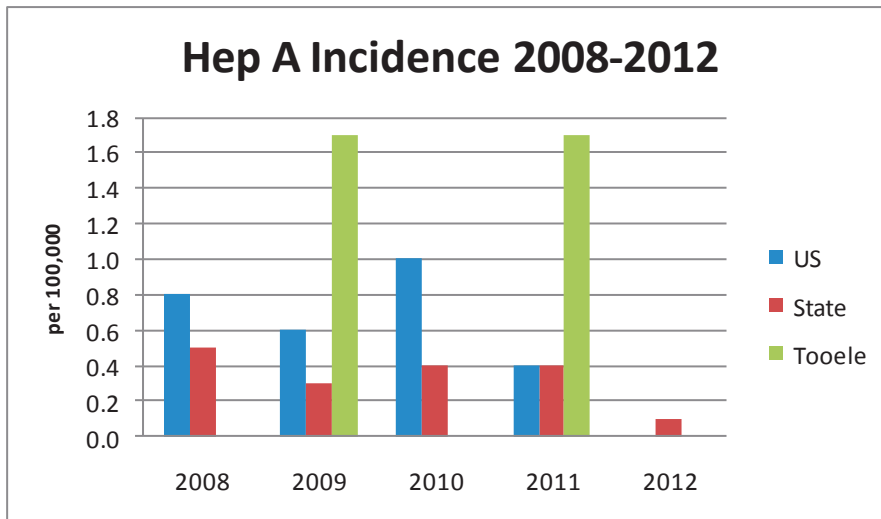
Hepatitis A			
Year	US	State	Sum
2008	0.8	0.5	0.0
2009	0.6	0.3	5.6
2010	1.0	0.4	2.7
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	Sum
2008	1.3	0.5	2.8
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



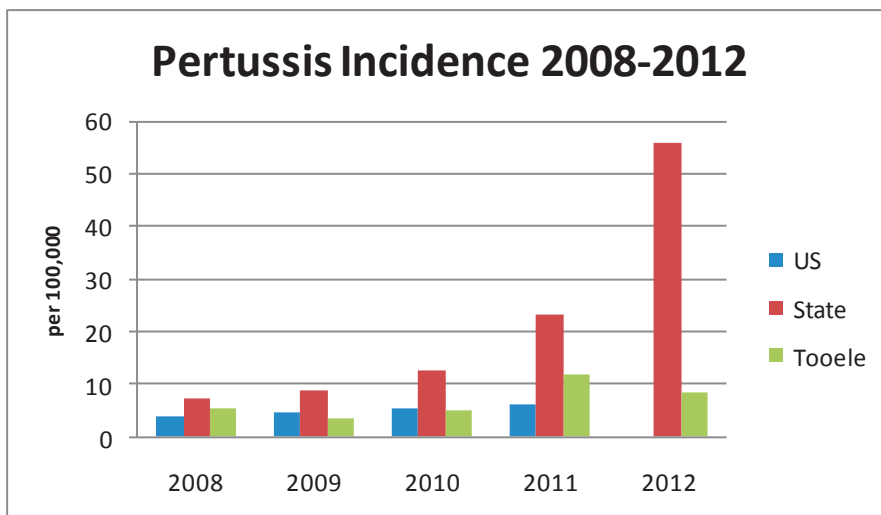
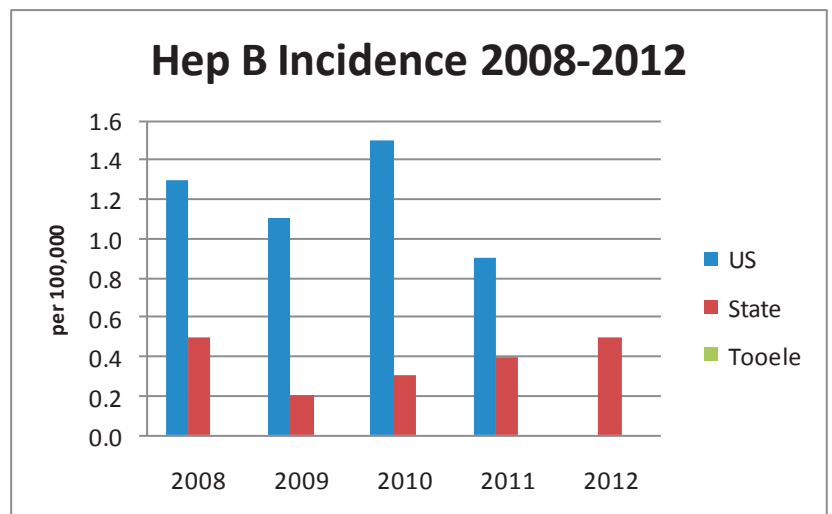
Pertussis			
Year	US	State	Sum
2008	3.8	7.2	17.0
2009	4.4	8.7	13.9
2010	5.5	12.7	13.7
2011	6.0	23.2	23.9
2012	N/A	55.7	31.5

Tooele County



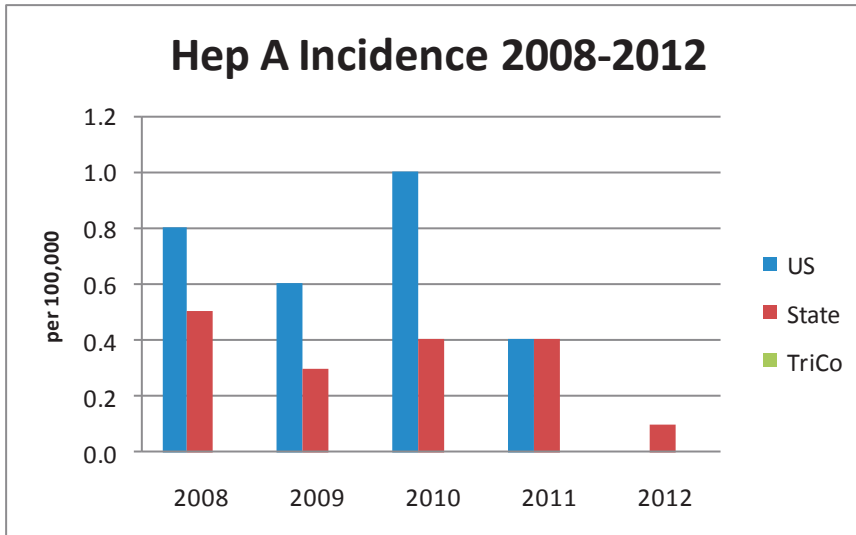
Hepatitis A			
Year	US	State	Tooele
2008	0.8	0.5	0.0
2009	0.6	0.3	1.7
2010	1.0	0.4	0.0
2011	0.4	0.4	1.7
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	Tooele
2008	1.3	0.5	0.0
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



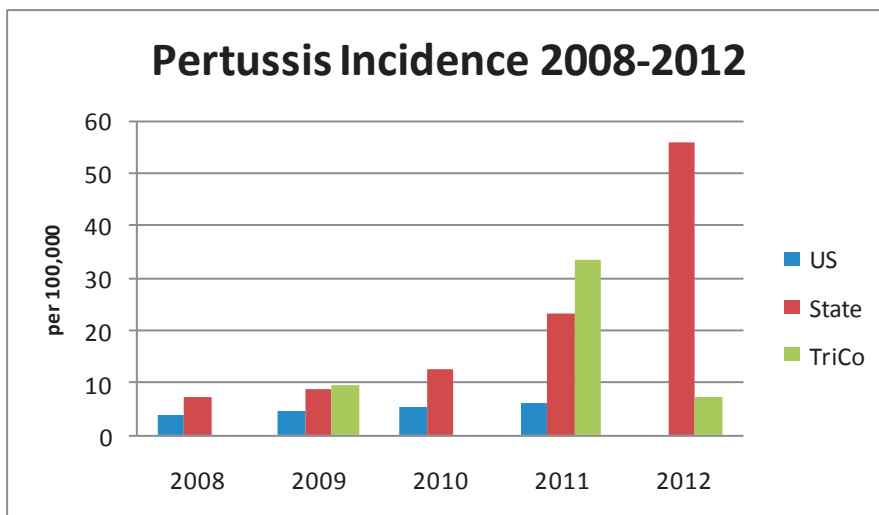
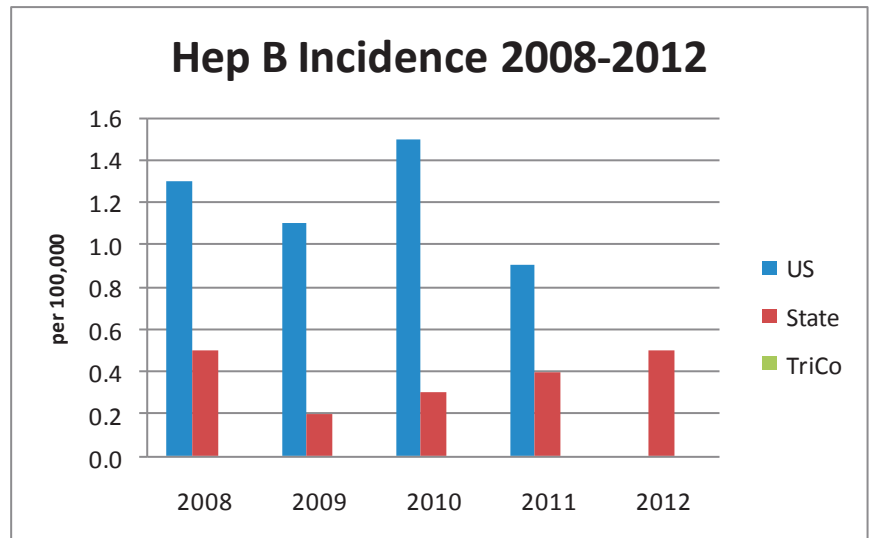
Pertussis			
Year	US	State	Tooele
2008	3.8	7.2	5.4
2009	4.4	8.7	3.5
2010	5.5	12.7	5.1
2011	6.0	23.2	11.8
2012	N/A	55.7	8.3

TriCounty Service Area



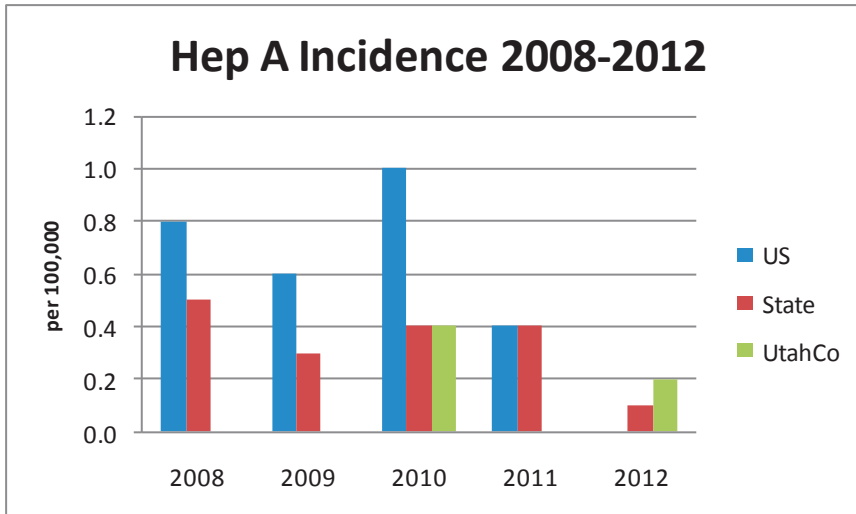
Hepatitis A			
Year	US	State	TriCo
2008	0.8	0.5	0.0
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	TriCo
2008	1.3	0.5	0.0
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



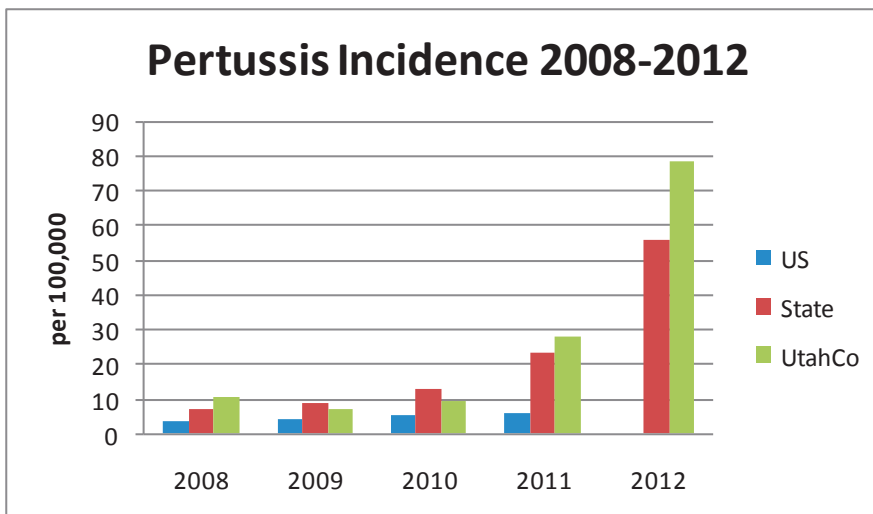
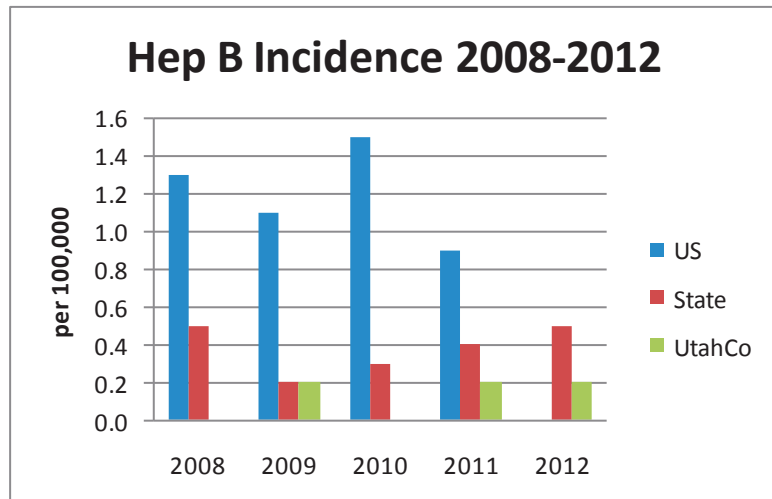
Pertussis			
Year	US	State	TriCo
2008	3.8	7.2	0.0
2009	4.4	8.7	9.5
2010	5.5	12.7	0.0
2011	6.0	23.2	33.6
2012	N/A	55.7	7.2

Utah County



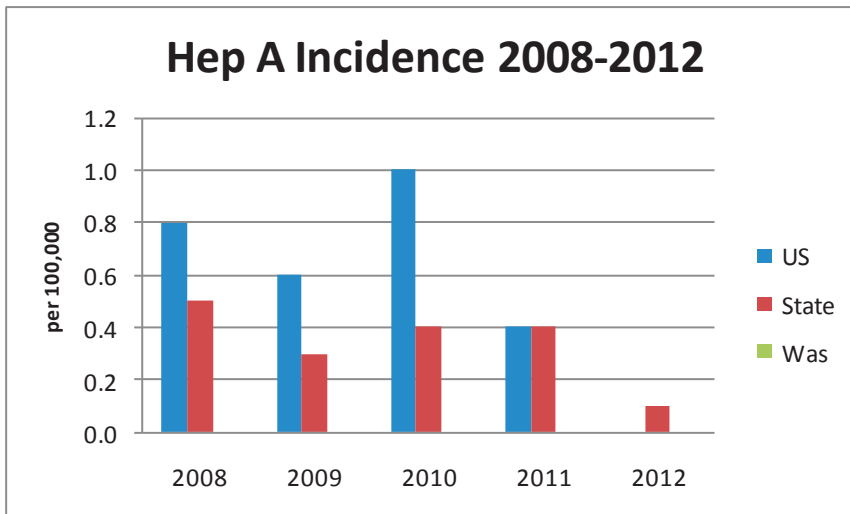
Hepatitis A			
Year	US	State	UtahCo
2008	0.8	0.5	0.0
2009	0.6	0.3	0.0
2010	1.0	0.4	0.4
2011	0.4	0.4	0.0
2012	N/A	0.1	0.2

Hepatitis B			
Year	US	State	UtahCo
2008	1.3	0.5	0.0
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



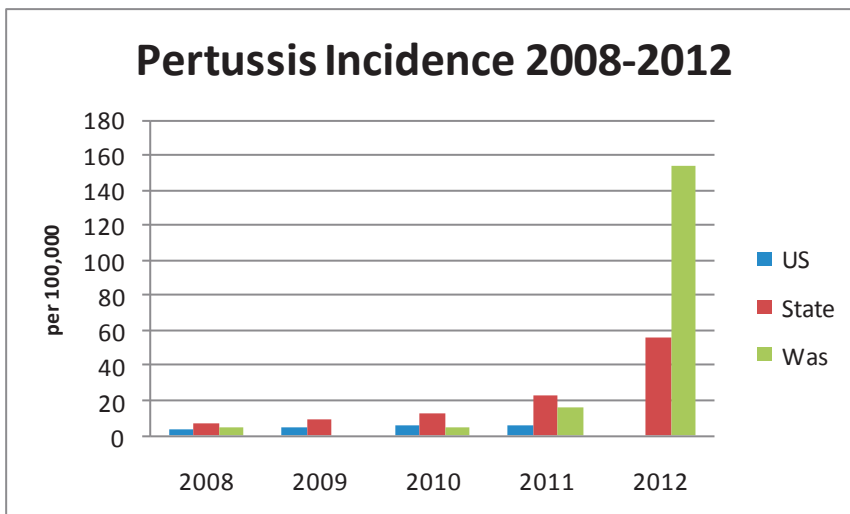
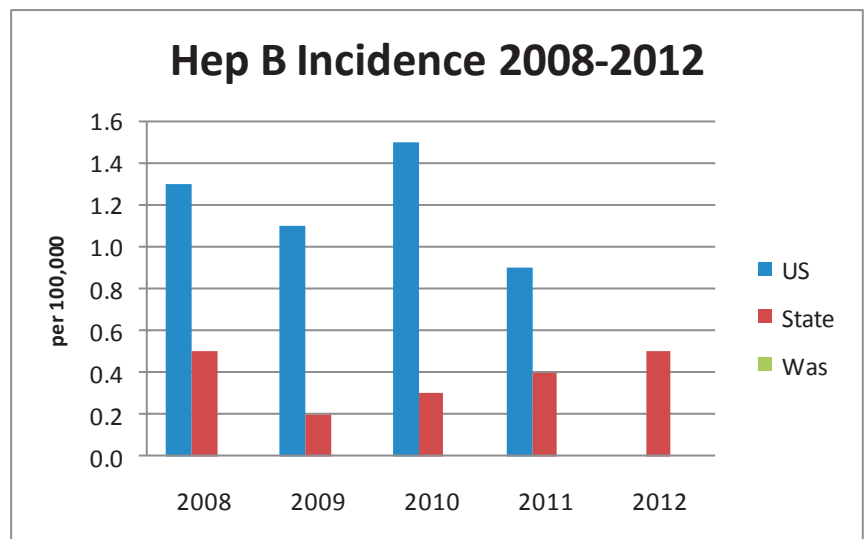
Pertussis			
Year	US	State	Utah Co
2008	3.8	7.2	10.3
2009	4.4	8.7	6.9
2010	5.5	12.7	9.2
2011	6.0	23.2	27.9
2012	N/A	55.7	78.2

Wasatch County



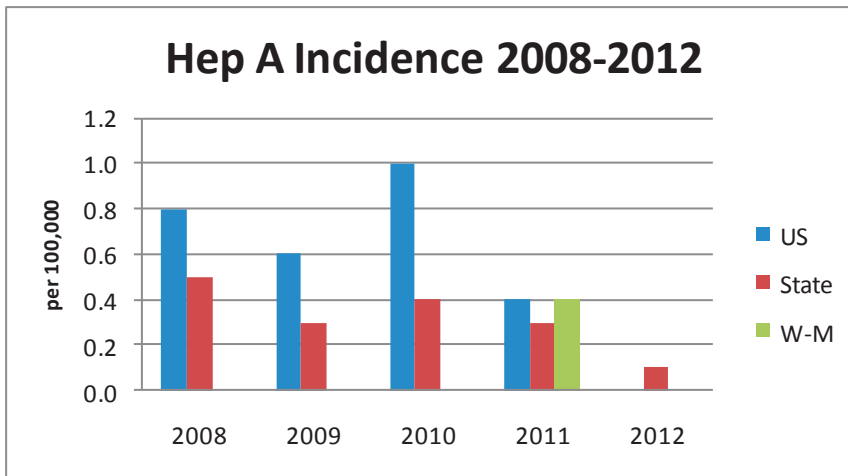
Hepatitis A			
Year	US	State	Was
2008	0.8	0.5	0.0
2009	0.6	0.3	0.0
2010	1.0	0.4	0.0
2011	0.4	0.4	0.0
2012	N/A	0.1	0.0

Hepatitis B			
Year	US	State	Was
2008	1.3	0.5	0.0
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



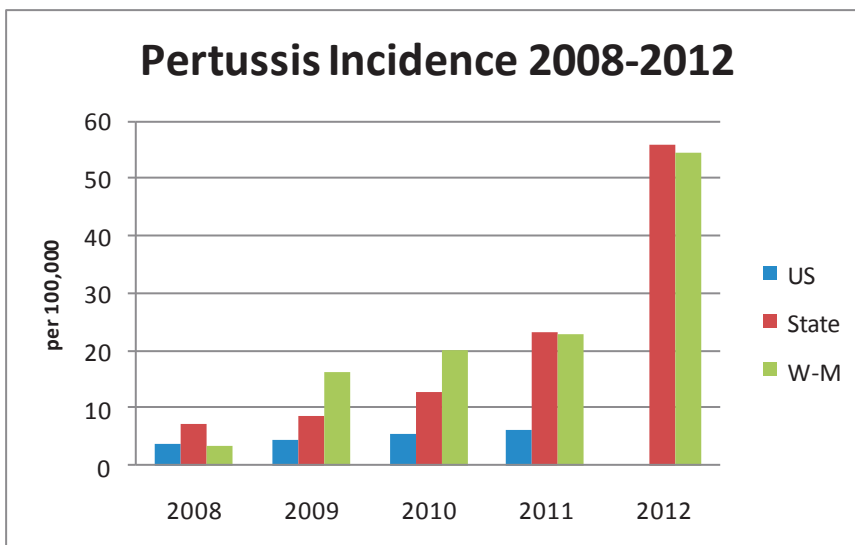
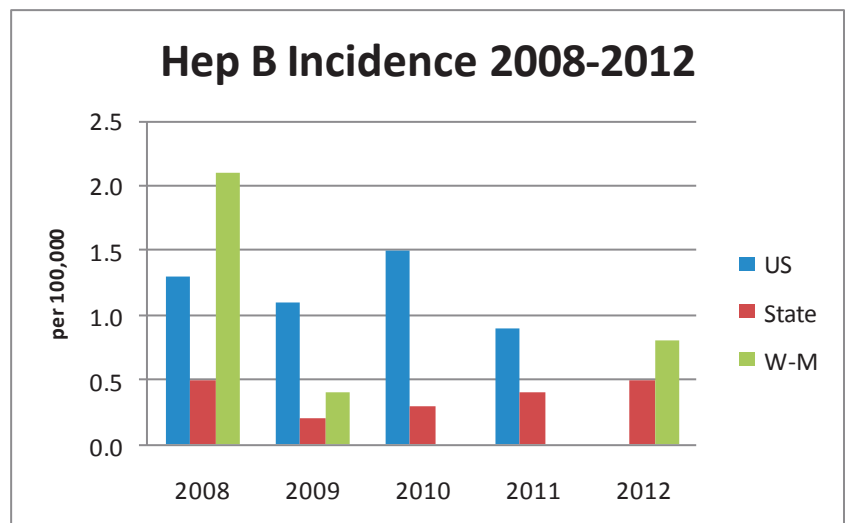
Pertussis			
Year	US	State	Was
2008	3.8	7.2	4.5
2009	4.4	8.7	0.0
2010	5.5	12.7	4.2
2011	6.0	23.2	16.4
2012	N/A	55.7	153.4

Weber-Morgan Service Area



Hepatitis A			
Year	US	State	W-M
2008	0.8	0.5	0.0
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

Hepatitis B			
Year	US	State	W-M
2008	1.3	0.5	2.1
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



Pertussis			
Year	US	State	W-M
2008	3.8	7.2	3.4
2009	4.4	8.7	16.4
2010	5.5	12.7	20.2
2011	6.0	23.2	22.9
2012	N/A	55.7	54.3

1. Centers for Disease Control and Prevention (CDC). September 2013. *National Immunization Survey 2010-2012*. Retrieved from: <http://www.cdc.gov/vaccines/stats-surv/nis/default.htm#nis>.
2. Utah Immunization Program. August 2013. *Child Care Annual Summary Report*. Retrieved from Utah Department of Health.
3. Behavioral Risk Factor Surveillance System (BRFSS). August 2013. *Immunization Report*. Retrieved from Utah Department of Health, Center for Health Data.
4. Utah Immunization Program. (August 2013). *Child Care Annual Summary Report, Kindergarten*. Retrieved from Utah Department of Health.
5. Utah Immunization Program. August 2013. *Long-Term Care Report*. Retrieved from Utah Department of Health.
6. Utah Statewide Immunization Information System (USIIS). November 2013. *Immunization Program Report*. 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
Websites: www.immunize-utah.org
www.usiis.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
Websites: www.immunize-utah.org
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 (IBIS-PH)	http://ibis.health.utah.gov
Office of Health Care Statistics	www.health.utah.gov/hda
Utah Medicaid Program	www.health.utah.gov/medicaid