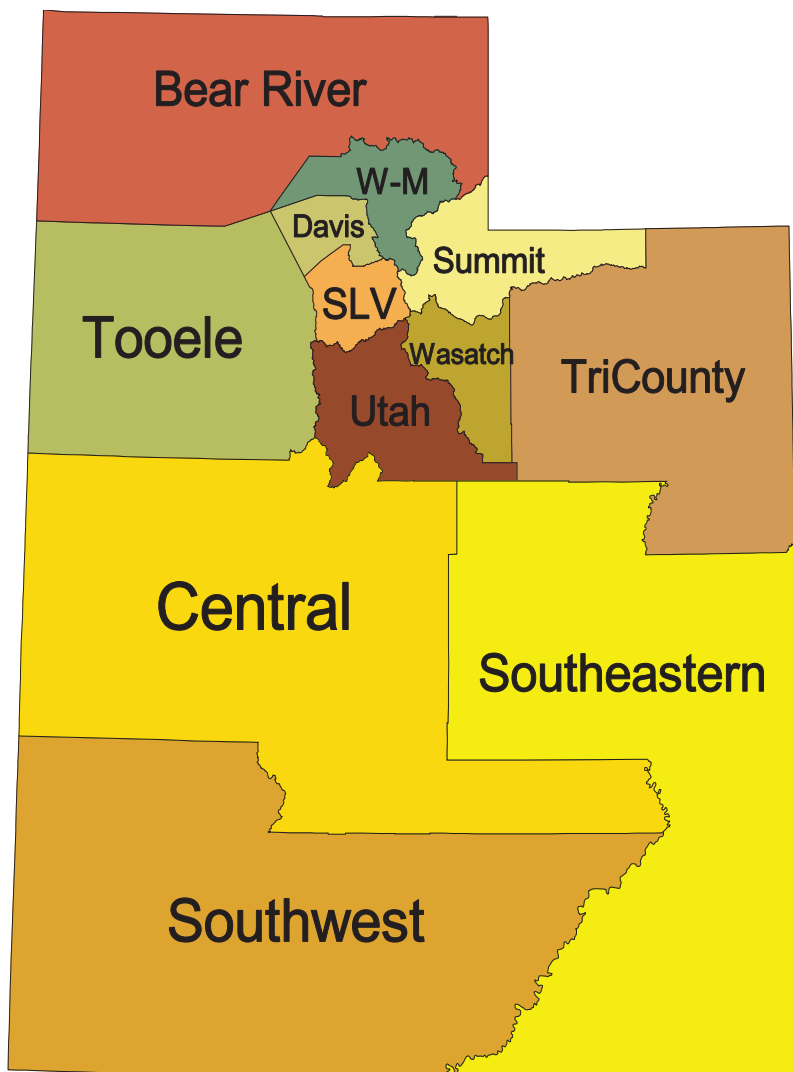


# Immunization Coverage Report

State of Utah: 2012



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Prepared by

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The *Immunization Coverage Report, State of Utah 2012*, 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 is highlighted. 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 2011 National Immunization Survey (NIS), Utah ranked 40th 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 4:3:1:4:3:1:4 (4 DTaP, 3 Polio, 1 MMR, 4 Hib, 3 Hepatitis B, 1 Varicella, and 4 Pneumococcal) series by 24 months of age. These rates indicate that much work remains to achieve the *Healthy People 2020* objective of reducing, 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 can help ensure Utah's children are protected from vaccine-preventable infections now and in the future.

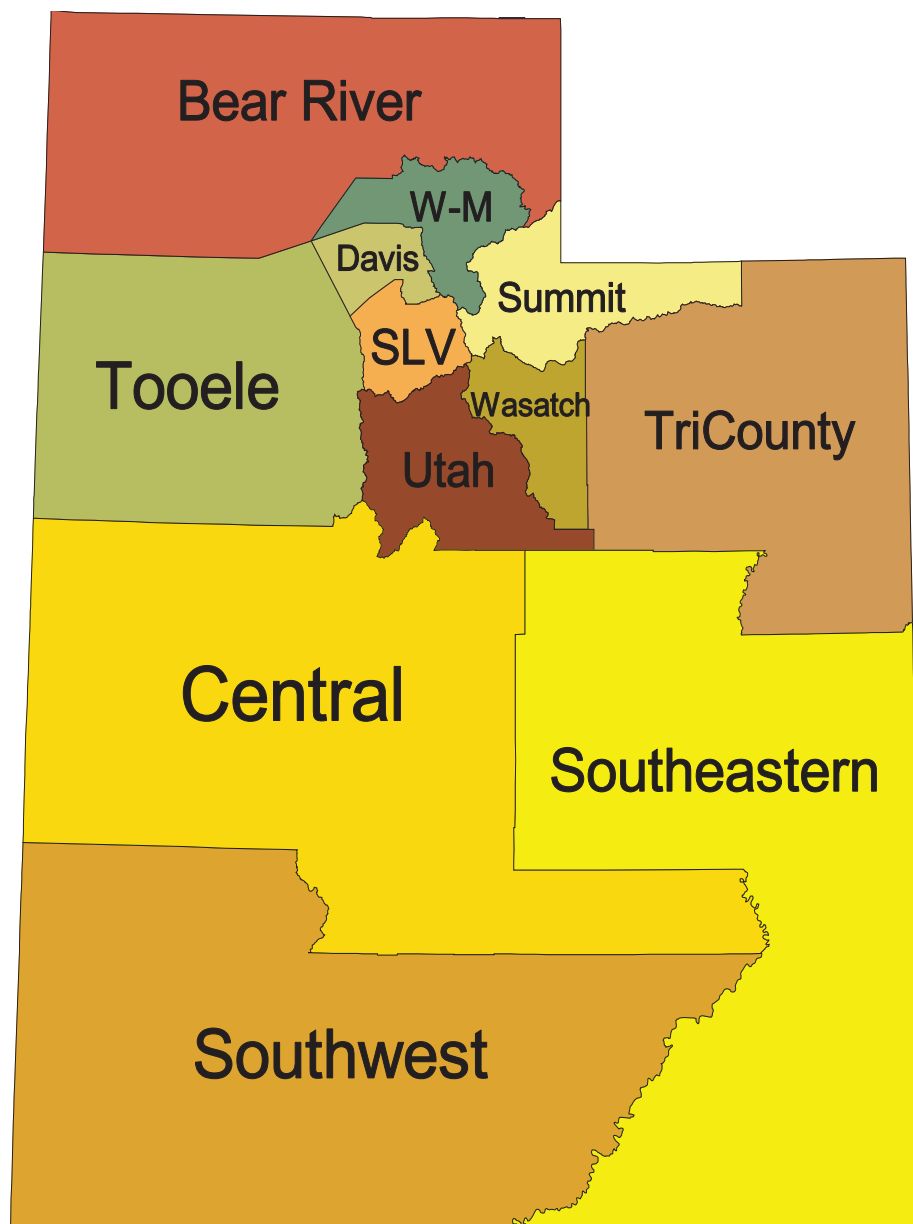
We value your opinion and welcome your feedback about this report.

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Utah's 12 local health districts (LHDs) have been utilized 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, *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 136. 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 old (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 influenzae type b (Hib) 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. So, please be aware of some comparative data that might be difficult to interpret because of previous years.

## **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 vaccine. 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 2011 and correspond with the same year as the National Immunization Survey (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 first 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 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 the home. The Utah Immunization Rule for Students (R396-100) went into effect in 1975 to implement consistent requirements to protect children attending school.

## **School Entry (Kindergarten & 7<sup>th</sup> Grade) & Second Dose MMR (K–12)**

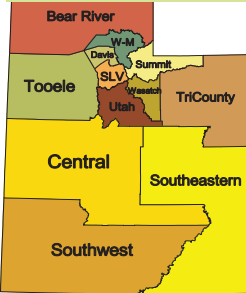
Required kindergarten entry immunizations include: DTaP, Polio, MMR, Hepatitis B, Hepatitis A, and Varicella. Beginning May 2007, children entering 7th grade must have: Hepatitis B, Varicella and Tdap. Children grades K-12 are required to have two doses of MMR vaccine.

## **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 disease in the U.S.

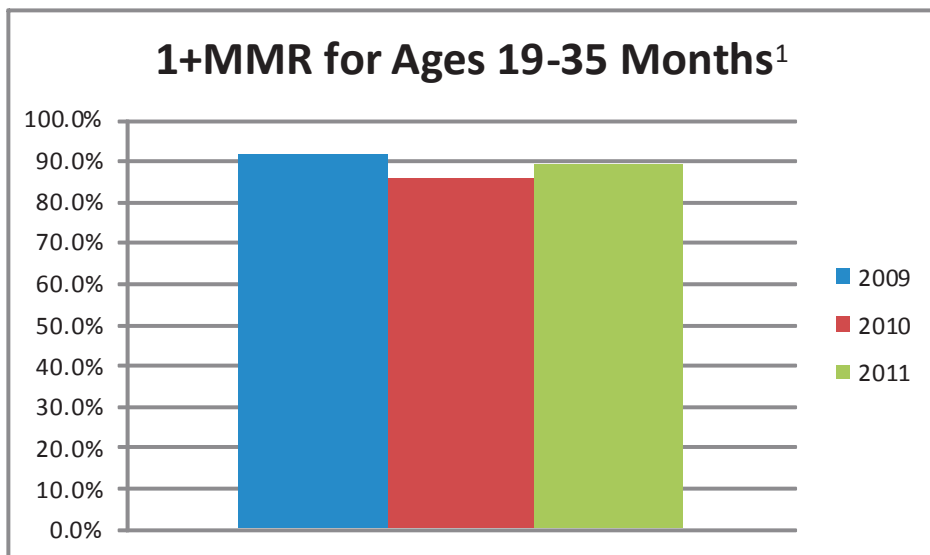
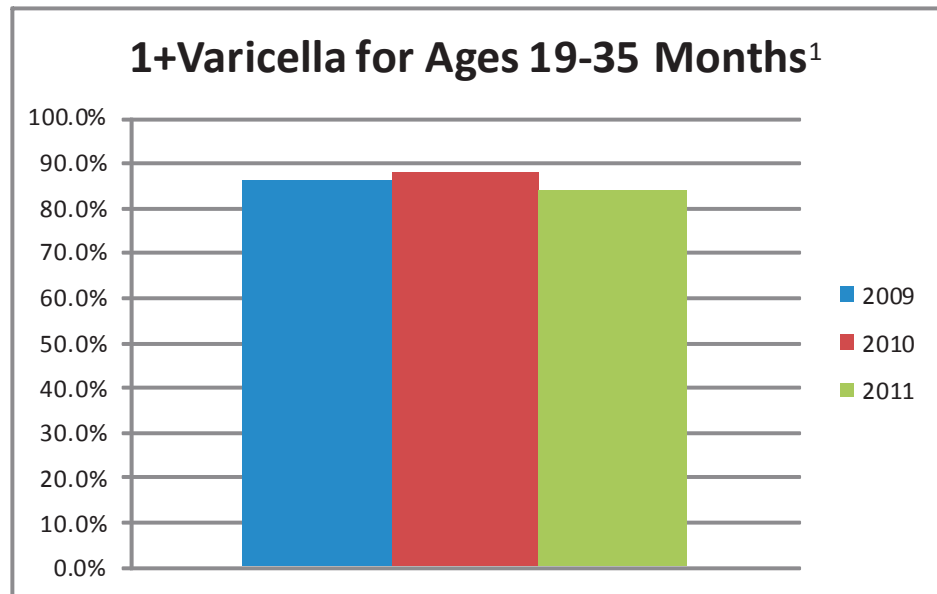
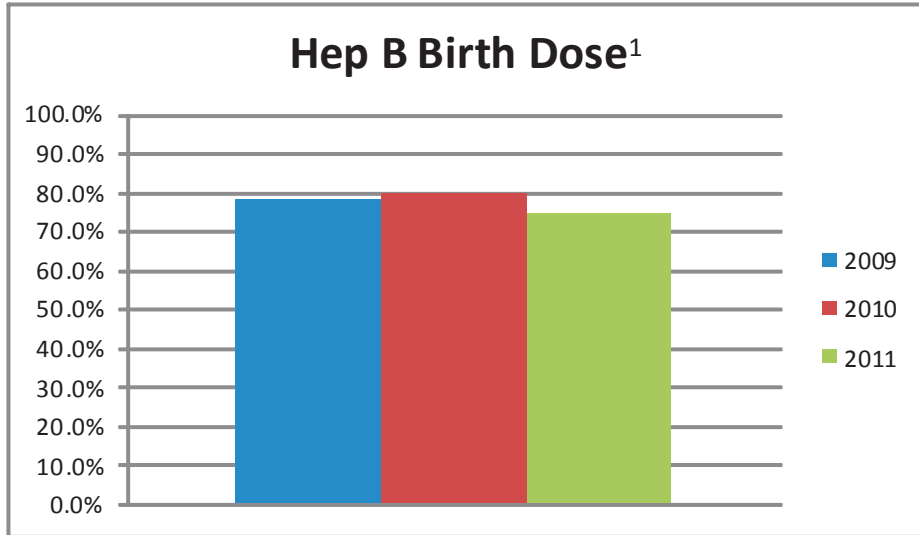
The 2011 Behavioral Risk Factor Surveillance System (BRFSS) survey results on influenza and pneumococcal immunization data are included. This data, by means of a number of different analyses, provides a thorough coverage of influenza and pneumococcal vaccinations for ages 18 years and above. *Appendix B* includes 2011 long-term care and assisted living facility immunization information.

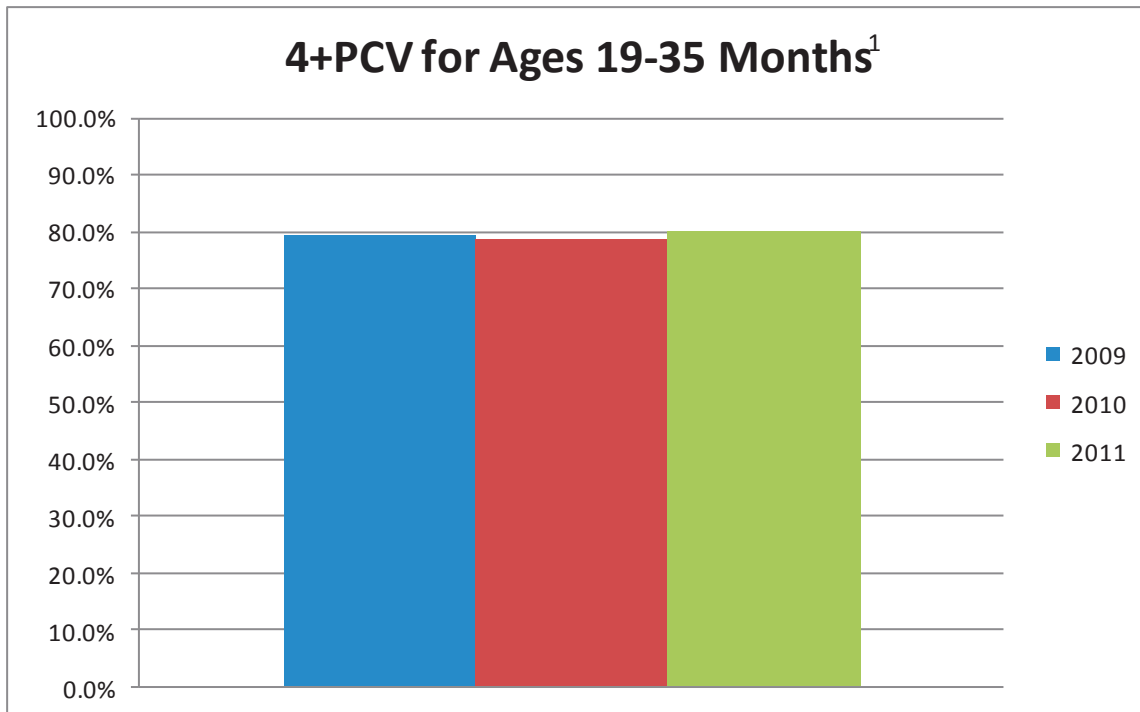
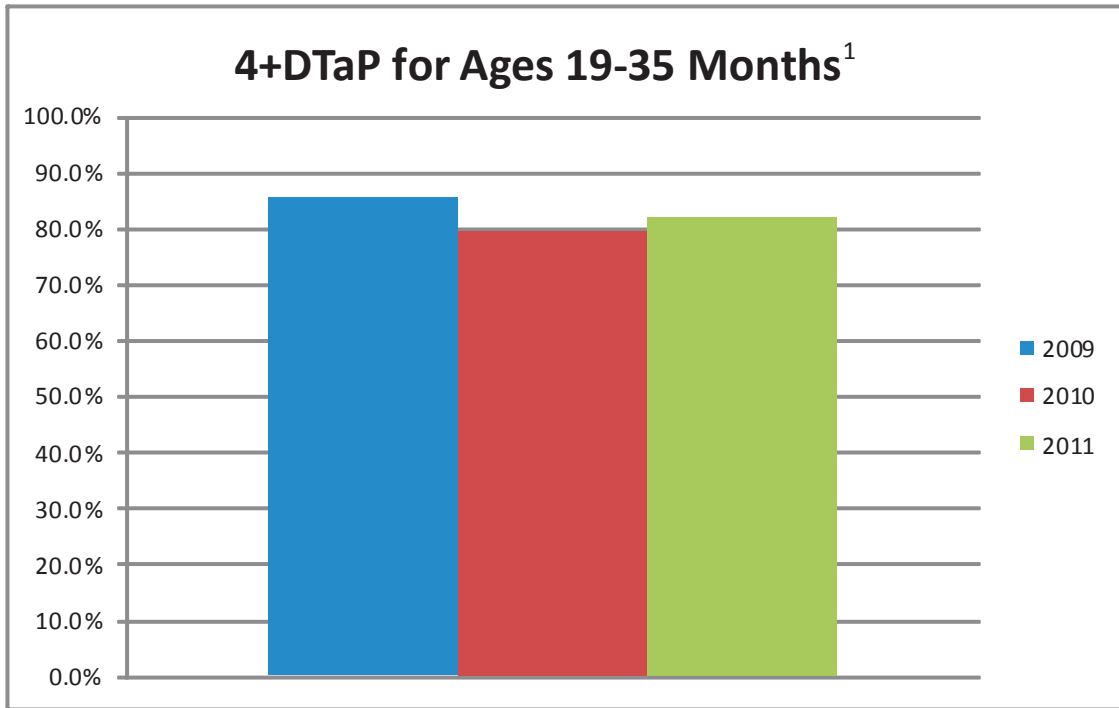
## Immunization Table 19-35 months of Age<sup>1</sup>

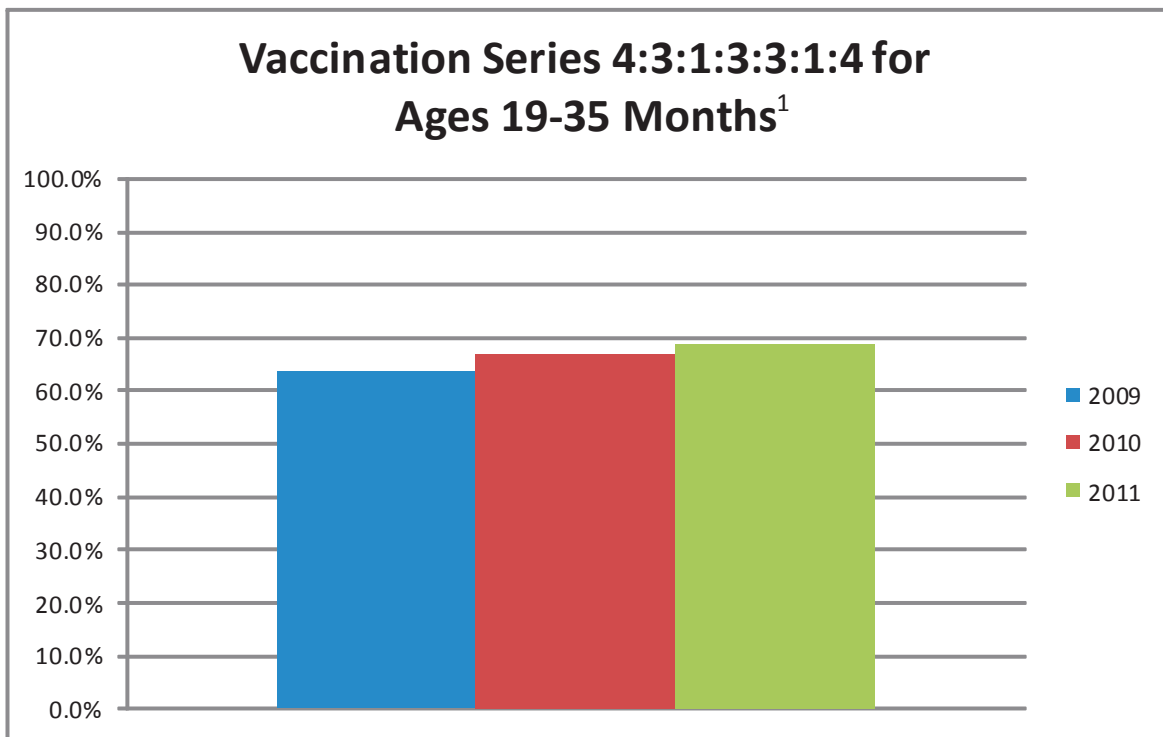
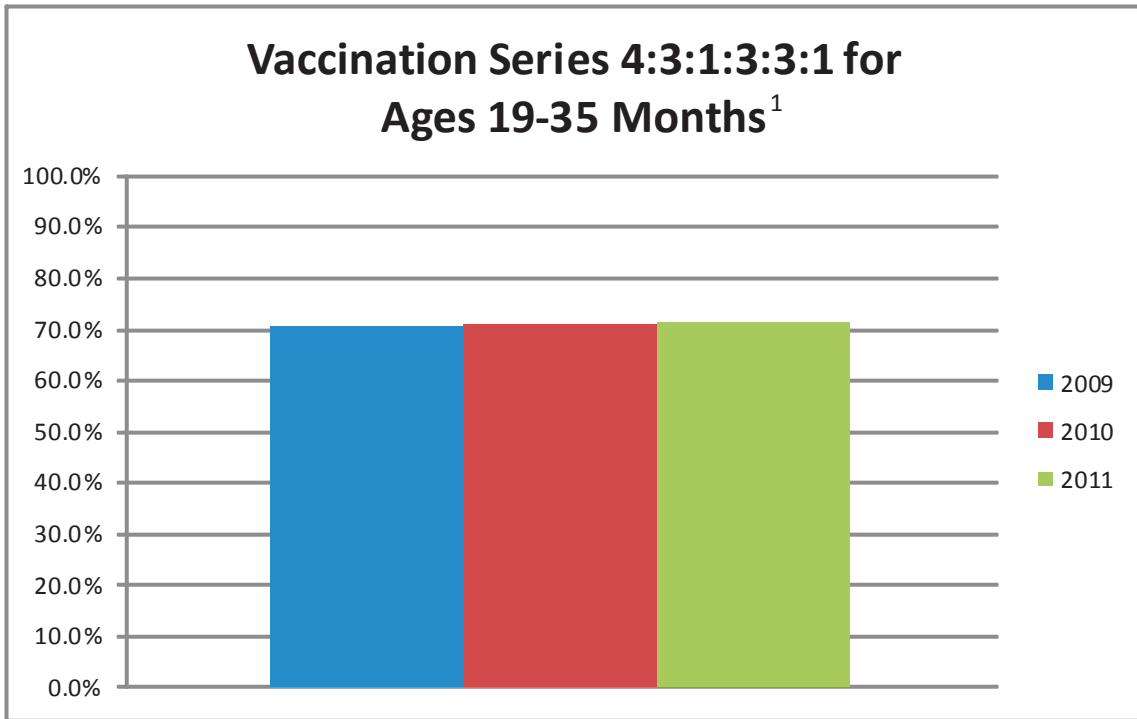
	UTAH		U.S.		Rank Among Other States	Percent Change from Previous year	Additional Year
	2010	2011	2010	2011			
							
<b>3+DTaP</b>	93.4%	93.9%	95.0%	95.5%	39	.5%	92.4%
<b>4+DTaP</b>	79.5%	82.0%	84.4%	84.6%	35	2.5%	85.5%
<b>3+Polio</b>	90.1%	93.3%	93.3%	93.9%	39	3.2%	90.1%
<b>1+MMR</b>	85.5%	88.8%	91.5%	91.6%	42	3.3%	91.3%
<b>3+Hib</b>	86.3%	92.1%	90.4%	94.0%	40	5.8%	83.4%
<b>Hib-Primary Series (PS)</b>	91.7%	92.1%	92.2%	94.2%	41	.4%	90.9%
<b>Hib-Full Series (FS)</b>	59.9%	77.1%	66.8%	80.4%	39	17.2%	51.9%
<b>3+HepB</b>	91.1%	88.9%	91.8%	91.1%	39	-2.2%	91.3%
<b>HepB birth dose</b>	79.8%	74.2%	64.1%	68.6%	18	-5.6%	77.8%
<b>1+Varicella</b>	87.7%	83.6%	90.4%	90.8%	50	-4.1%	85.7%
<b>3+PCV</b>	92.0%	91.5%	92.6%	93.6%	38	-.5%	90.8%
<b>4+PCV</b>	78.7%	80.1%	83.3%	84.4%	40	1.4%	79.2%
<b>2+HepA</b>	49.6%	55.6%	49.7%	52.2%	12	6.0%	51.3%
<b>Rotavirus</b>	65.6%	68.1%	59.2%	67.3%	22	2.5%	43.6%
<b>4:3:1<sup>§</sup></b>	76.2%	80.2%	82.0%	82.6%	36	4.0%	83.9%
<b>4:3:1:3<sup>    </sup></b>	73.5%	78.5%	78.8%	81.9%	38	5.0%	N/A
<b>4:3:1:3-PS<sup>     </sup></b>	75.9%	N/A	80.3%	N/A	N/A	N/A	N/A
<b>4:3:1:3:3:1<sup>€</sup></b>	70.6%	72.9%	74.9%	77.6%	41	.5%	70.3%
<b>4:3:1:0:3:1<sup>€</sup></b>	73.3%	72.9%	77.8%	77.6%	40	-.4%	N/A
<b>4:3:1:4:3:1-FS<sup>€€</sup></b>	53.2%	N/A	59.2%	N/A	N/A	N/A	45.5%
<b>4:3:1:3:3:1:4<sup>€€€</sup></b>	66.7%	68.6%	70.2%	73.3%	40	1.9%	63.2%
<b>4:3:1:0:3:1:4<sup>€€€</sup></b>	69.5%	70.3%	72.7%	73.6%	37	.8%	69.3%
<b>4:3:1:3:3:1:4-PS<sup>€€€€</sup></b>	69.2%	N/A	71.5%	N/A	N/A	N/A	68.7%

Source: 2011 National Immunization Survey Among Children 19-35 Months of Age, CDC. <sup>§§§</sup>4:3:1 = 4+DTaP, 3+Polio, 1+MMR. <sup>||||</sup>4:3:1:3 = 4+DTaP, 3+Polio, 1+MMR, 3+HIB. <sup>|||||</sup>4:3:1:3-PS = same as 4:3:1:3 with a full series of Hib. <sup>€</sup>4:3:1:3:3:1 = 4+DTaP, 3+Polio, 1+MMR, 3+HIB, 3+HepB, 1+Varicella. <sup>€€</sup>4:3:1:0:3:1 = 4+DTaP, 3+Polio, 1+MMR, no Hib, 3+HepB, 1+Varicella. <sup>€€€</sup>4:3:1:4:3:1-FS = 4+DTaP, 3+Polio, 1+MMR, 4PCV, 3+HepB, 1+Varicella. <sup>€€€€</sup>4:3:1:0:3:1:4 = 0 represents no Hib. <sup>€€€€€</sup>4:3:1:3:3:1:4-PS = Same as 4:3:1:3:3:1, adding 4PCV. N/A represents that data series has changed and data wasn't available.





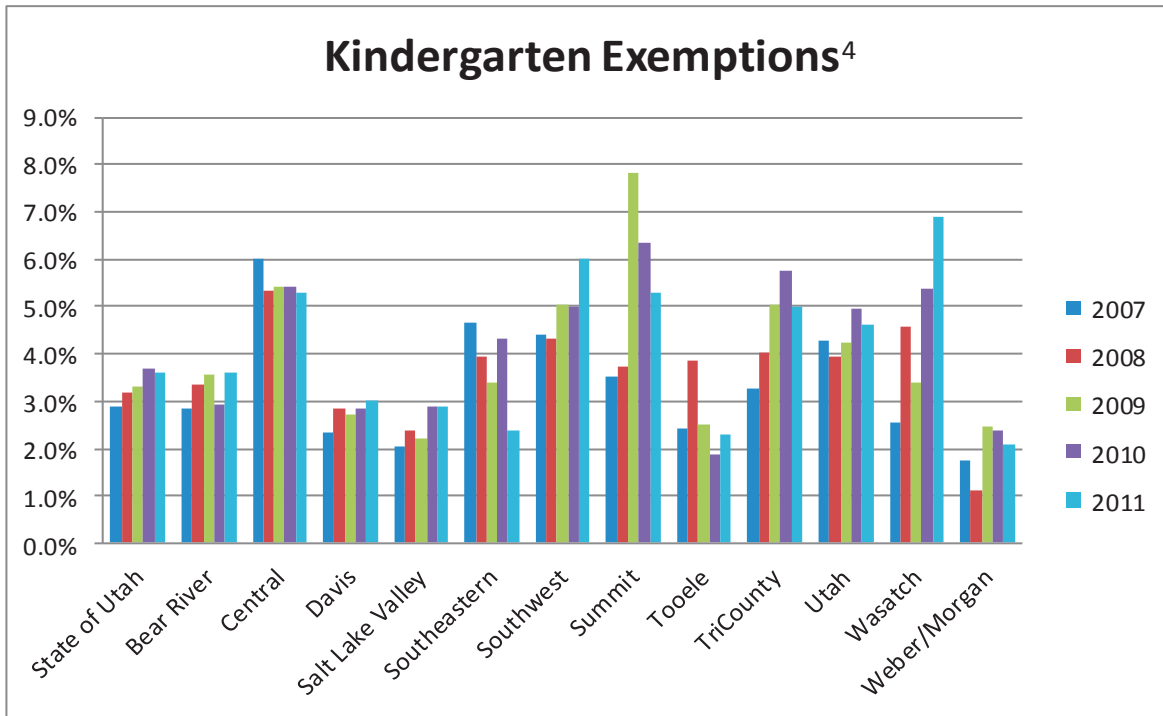




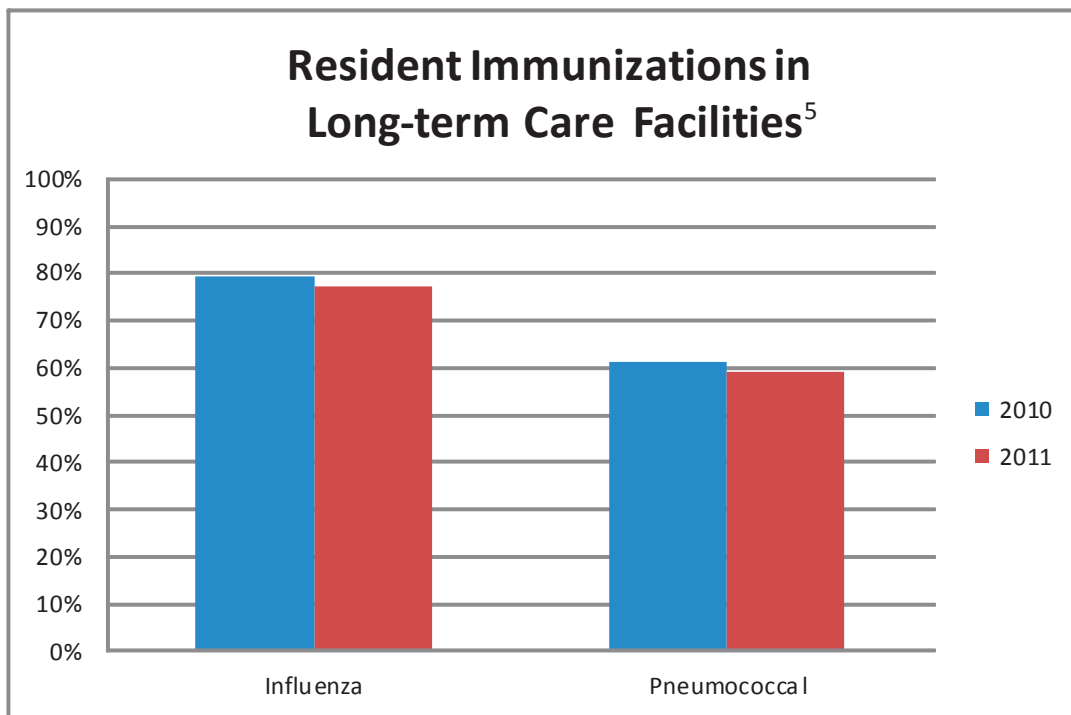
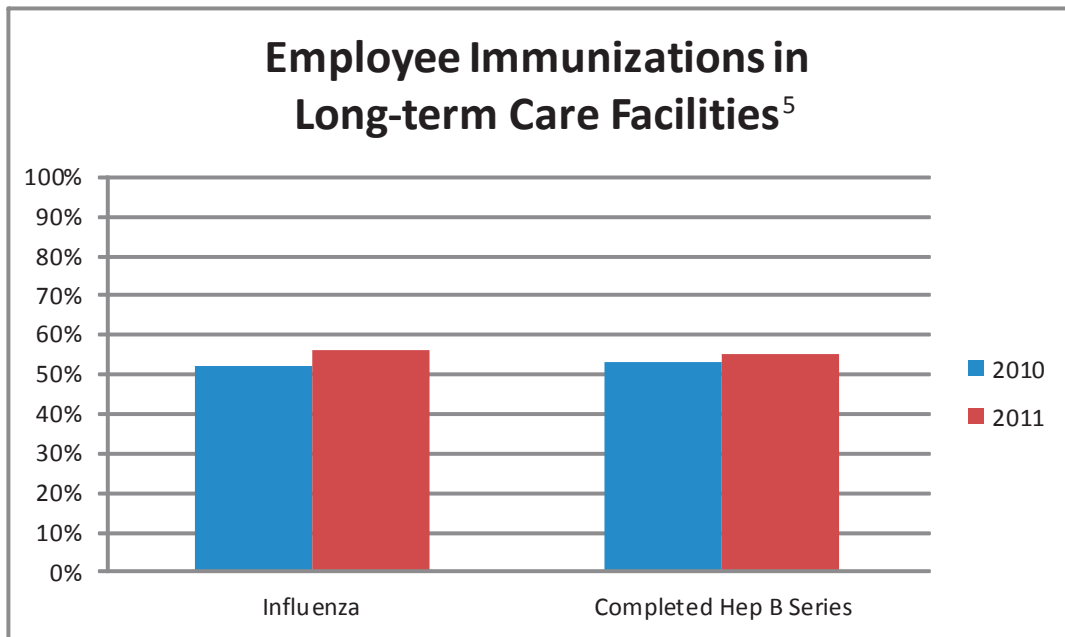
12-15 Months of Age <sup>6</sup>			
Children in USIIS born between 09/30/2011 and 06/30/2012			
Total	33,732		
		Number	Percent
1 Rotavirus		22,082	65.5%
2 Rotavirus		14,920	44.2%
3 Rotavirus		8,326	24.7%

Count of Active USIIS Providers <sup>6</sup>	2011
Unknown	3
Vital Records	1
Local Health Department	45
Private Providers	526
FQHC	47
HMO	9
Other Public	69
WIC	1
School Districts	41
Daycare	153
Headstart	35
Indian Health Services	9
Public Schools	517
Private Schools	28
Early Childhood Program	28
Charter School	75
Hospitals	30
Pharmacy	188

Immunized for School 2011 <sup>2</sup>		
	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	90.7%	1.7%
Head Start Centers	87.8%	1.3%
Kindergarten School Entry	90.9%	3.6%
Second-Dose Measles (K-12)	96.2%	3.2%
7th Grade Entry	92.7%	4.0%



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 National Immunization Survey (NIS) for teen populations. This survey is similar to the childhood NIS. Survey responses are collected via telephone through random digit dialing. Those who participate are asked to provide health care provider information so their verbal responses over the phone can be validated through the official immunization record. Children 13-17 years of age were included in the study. Participants were asked about receiving meningococcal conjugate vaccine (MCV4), MMR, Hepatitis B, Varicella, Td or Tdap, and HPV. The CDC identifies three limitations to this survey: There could be bias due to non-response and households without landline telephones; underestimation of vaccine coverage may have occurred due to the exclusive use of provider verified records; 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 a national and state level, which can be seen in the tables below. Note: Tables for 2011 are different because the data have changed.

<b>NIS Teen 2009, Ages 13-17<sup>1</sup></b>		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
MCV4, 1 dose	42.0%	53.6%
MMR, 2 doses	87.3%	89.1%
Hepatitis B, 3 doses	80.6%	89.9%
Varicella, 1 dose among teens without history of Varicella disease	77.7%	87.0%
Td or Tdap, 1 dose	73.2%	76.2%
Tdap, 1 dose	64.1%	55.6%
HPV4, 1 dose (females)	32.5%	44.3%

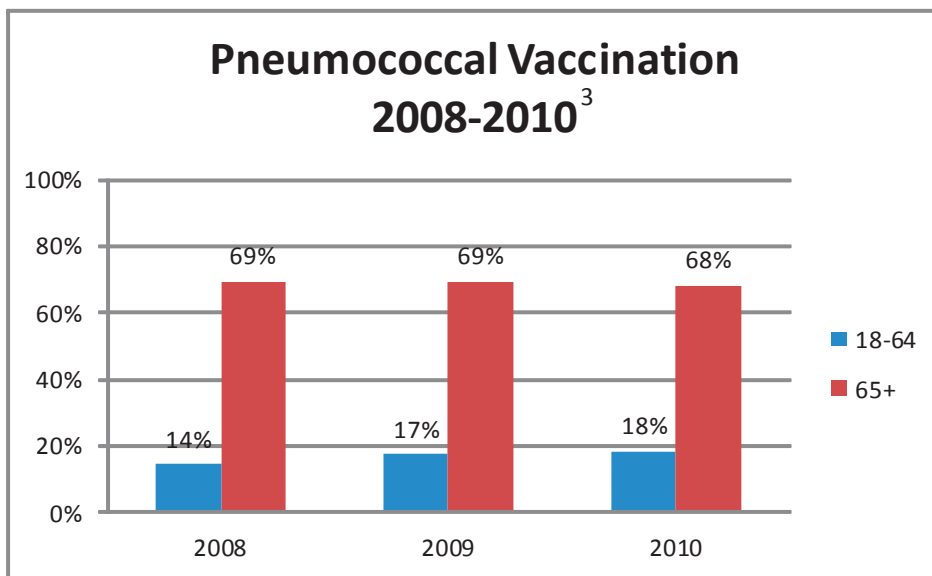
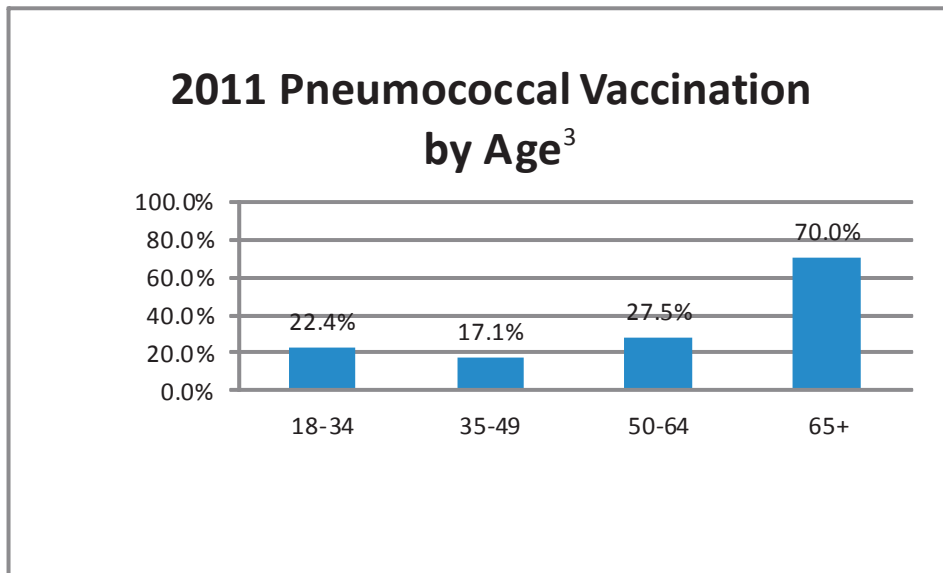
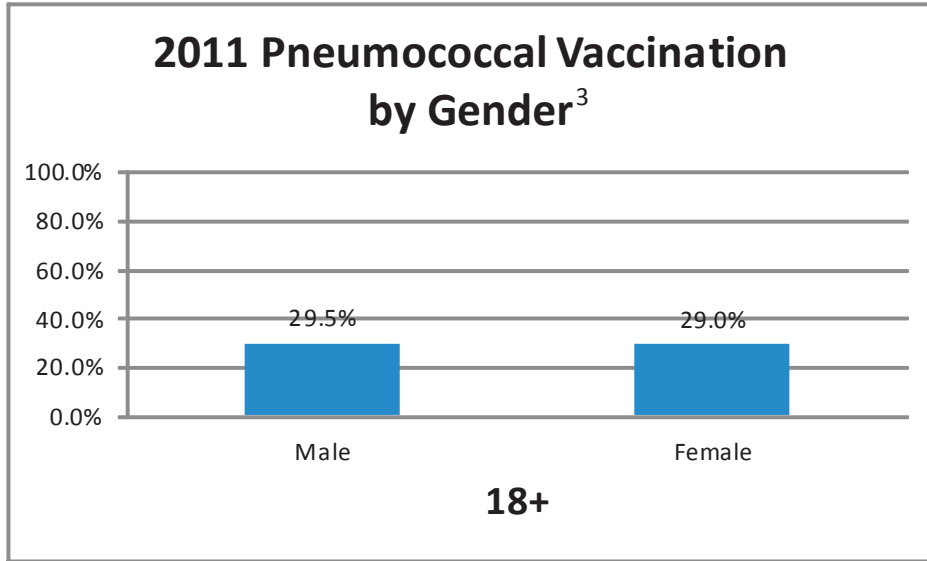
<b>NIS Teen 2010, Ages 13-17<sup>1</sup></b>		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
MCV4, 1 dose	48.8%	62.7%
MMR, 2 doses	86.7%	90.5%
Hepatitis B, 3 doses	87.5%	91.6%
Varicella, 1 dose among teens without history of Varicella disease	87.2%	90.5%
Td or Tdap, 1 dose	77.3%	81.2%
Tdap, 1 dose	68.8%	68.7%
HPV4, 1 dose (females)	48.8%	48.7%

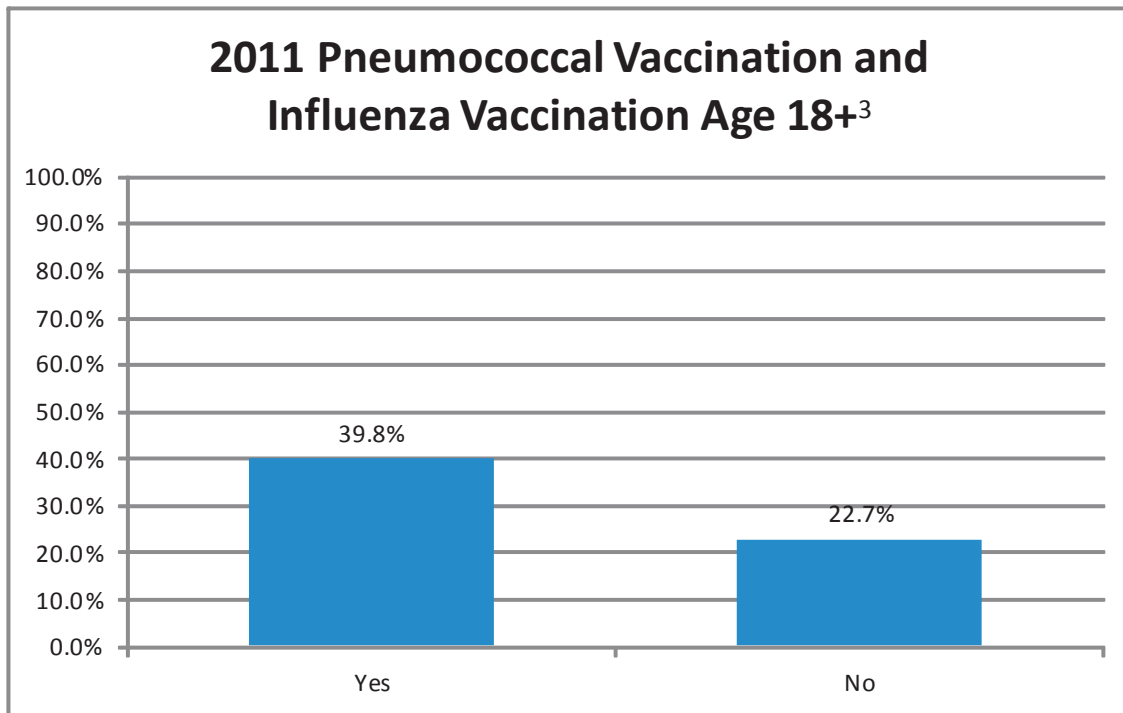
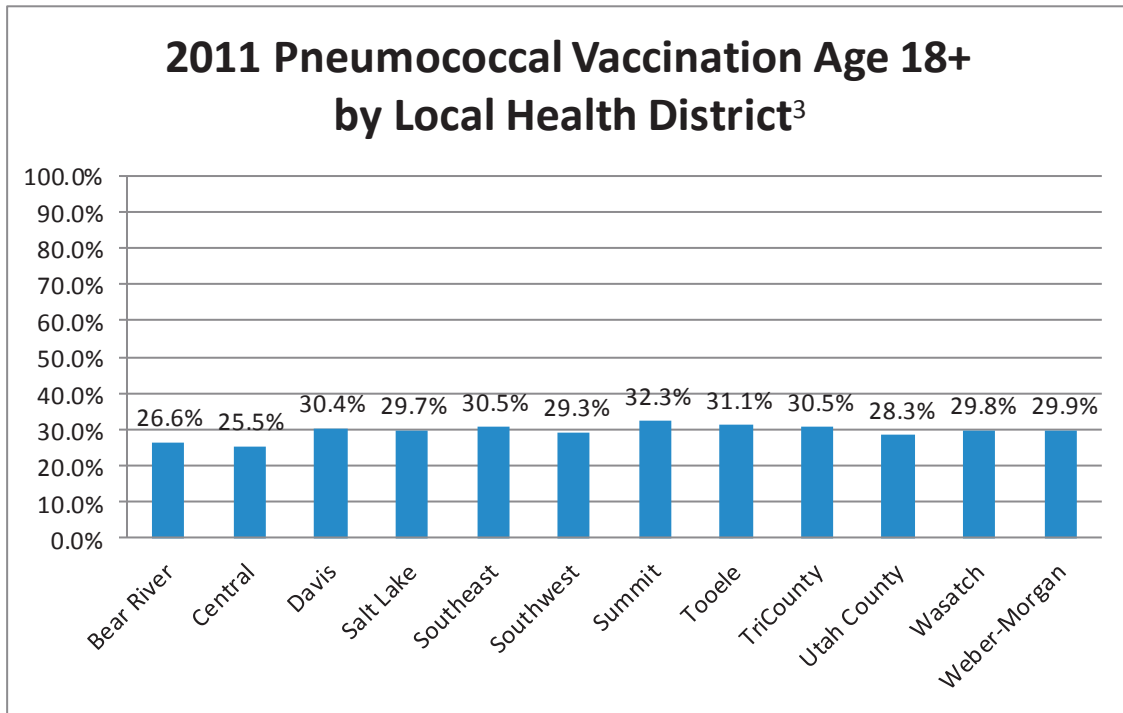
<b>NIS Teen 2011, Ages 13-17<sup>1</sup></b>		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
$\geq 1$ doses Varicella vaccine	85.7%	92.3%
$\geq 1$ Td or Tdap since age 10 years	84.5%	85.3%
$\geq 1$ dose Tdap after age 10 years	81.5%	78.2%
$\geq 1$ MenACWY	58.5%	70.5%

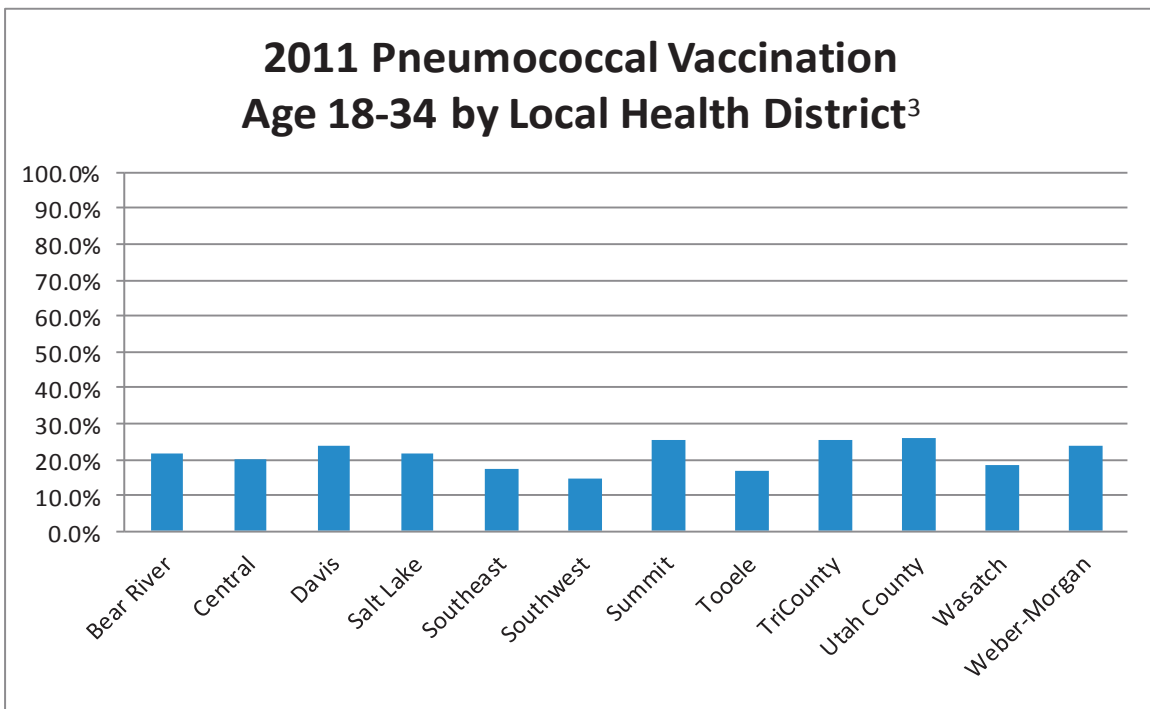
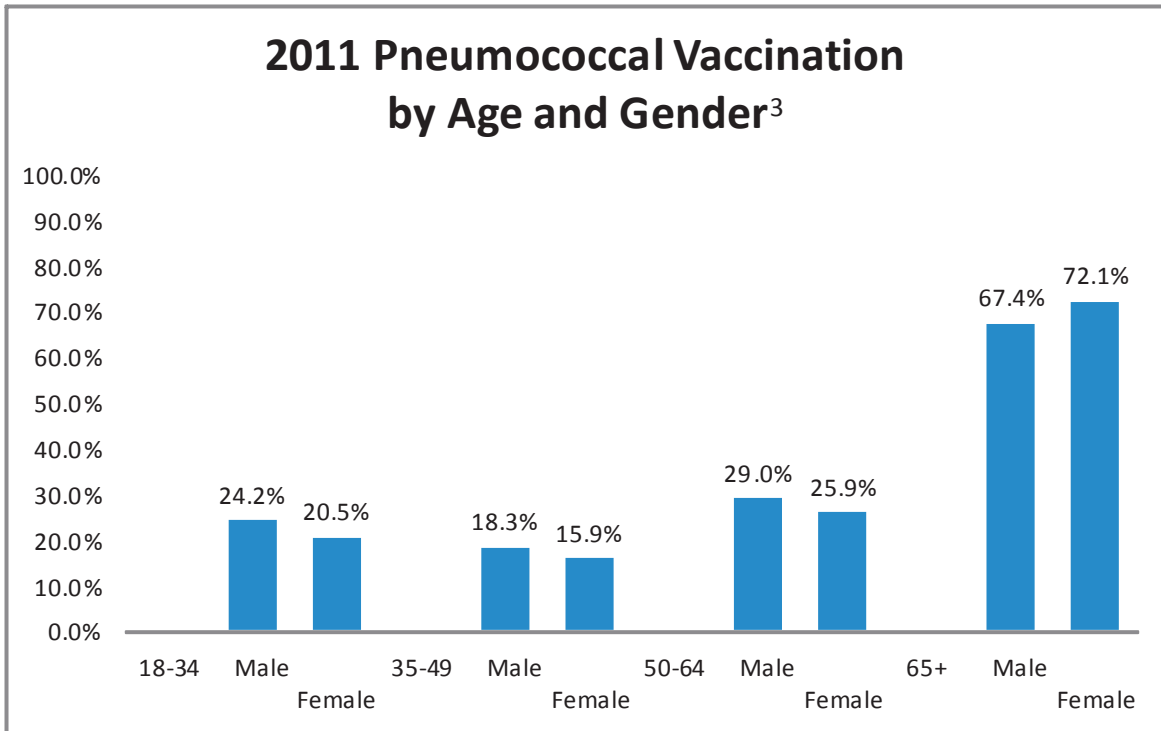
<b>NIS Teen 2011, Females Ages 13-17<sup>1</sup></b>		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
$\geq 1$ HPV	53.3%	53.0%
$\geq 3$ HPV	20.4%	34.8%
3 dose series completion	41.8%	70.7%
Coverage Gap	30.4%	NA

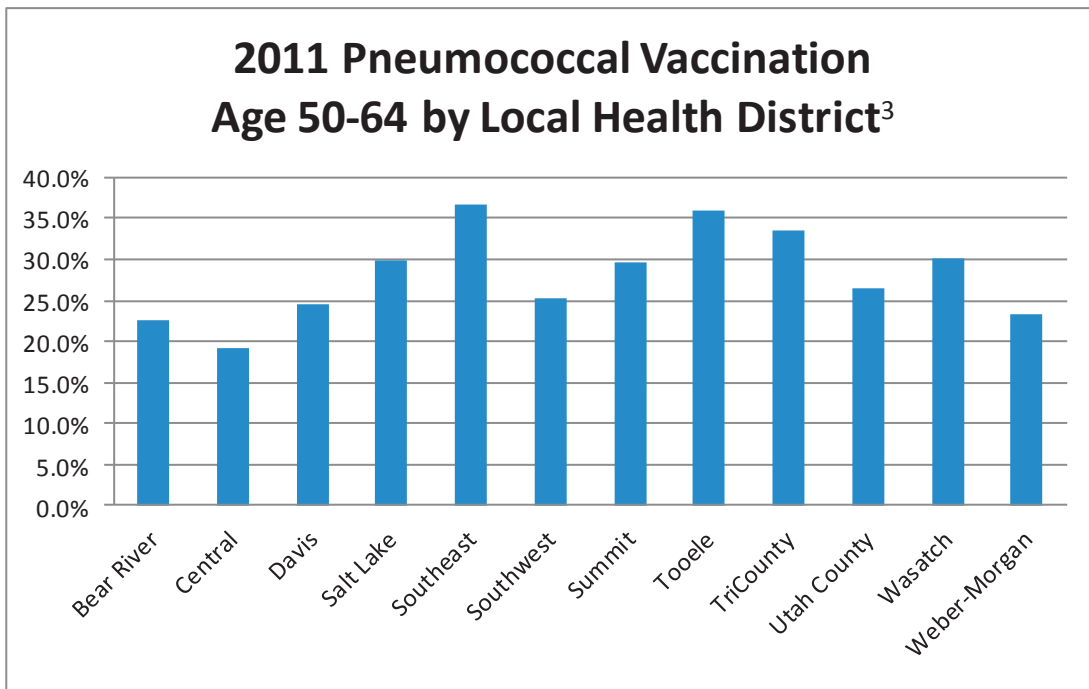
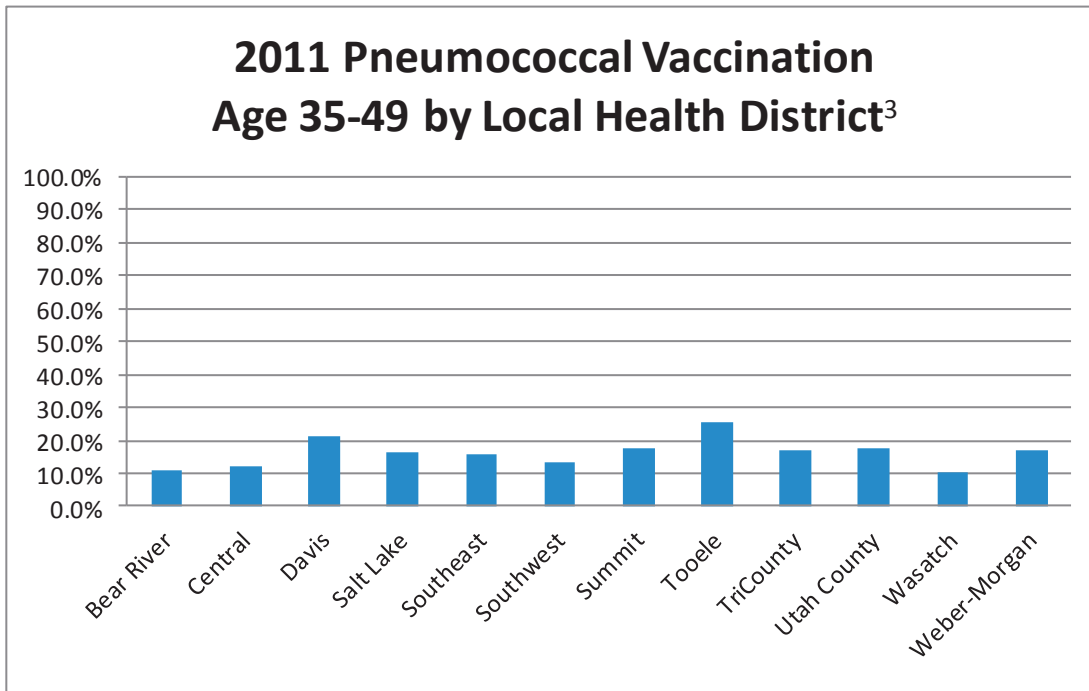
<b>NIS Teen 2011, Males Ages 13-17<sup>1</sup></b>		
Vaccine/Vaccine Series	Utah Coverage	National Coverage
$\geq 1$ HPV	NA	8.3%
Coverage Gap	25.4%	

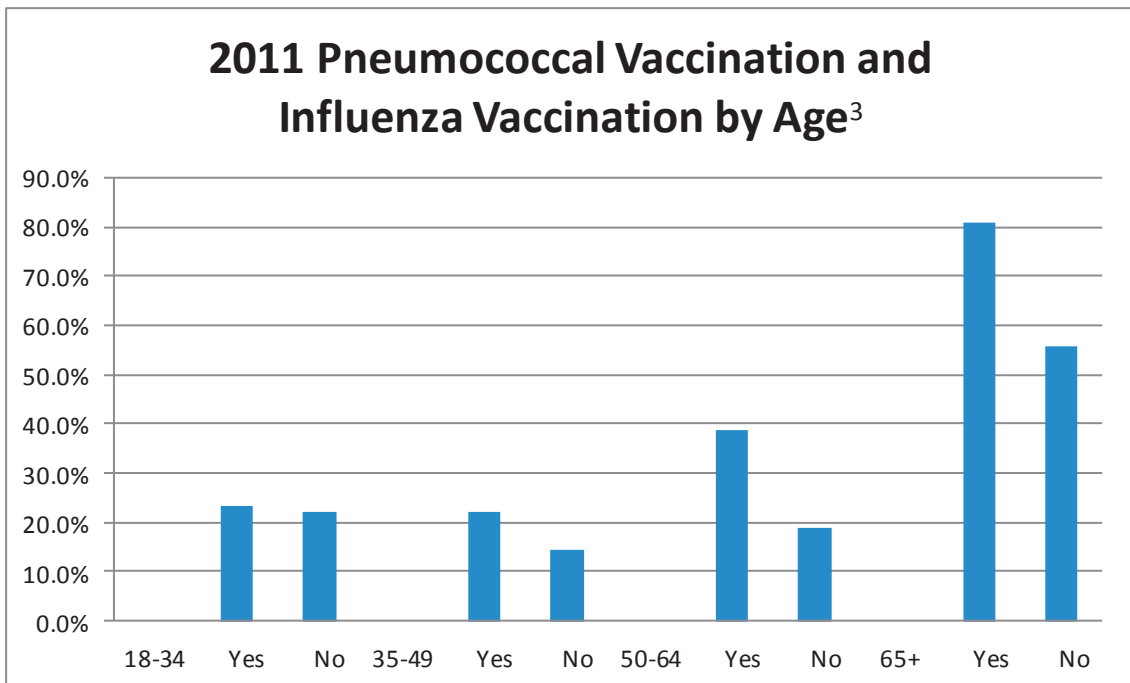
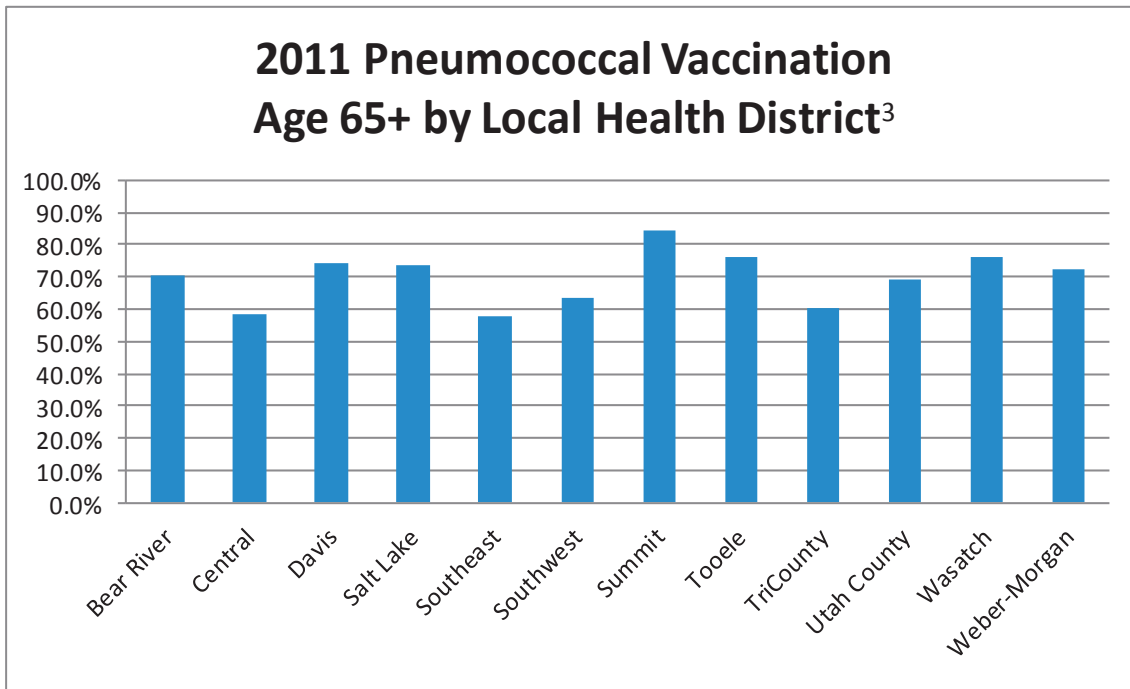


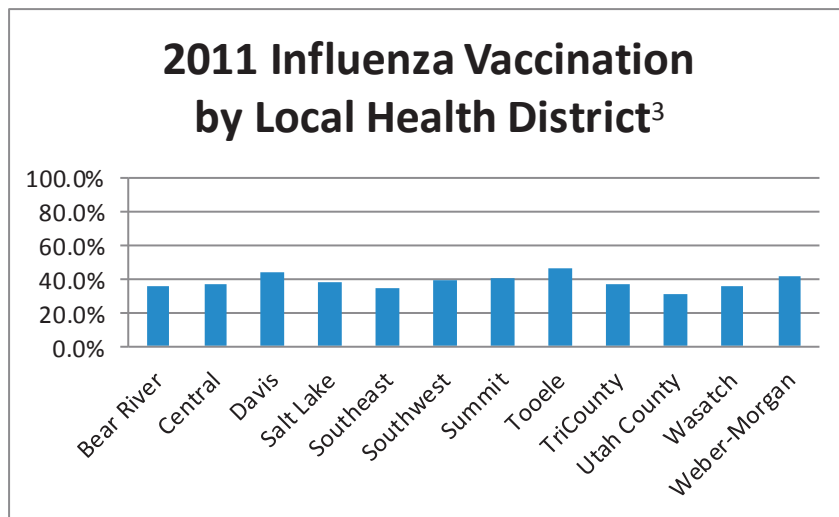
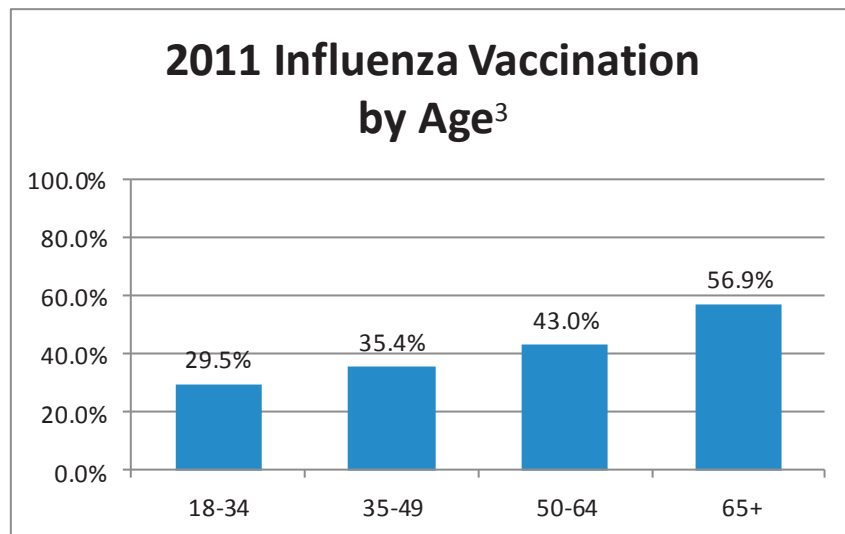
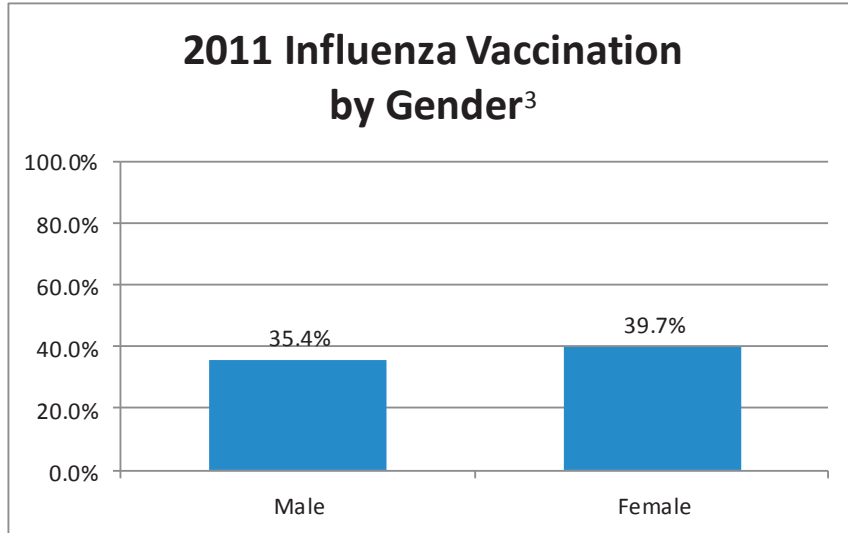


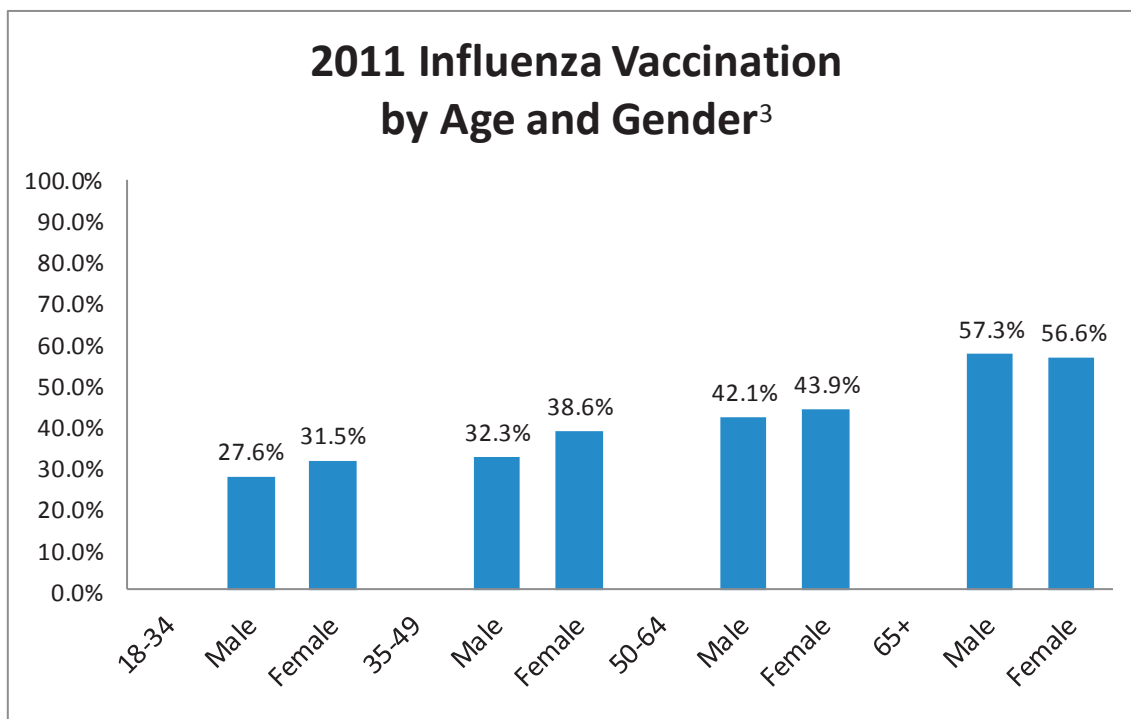
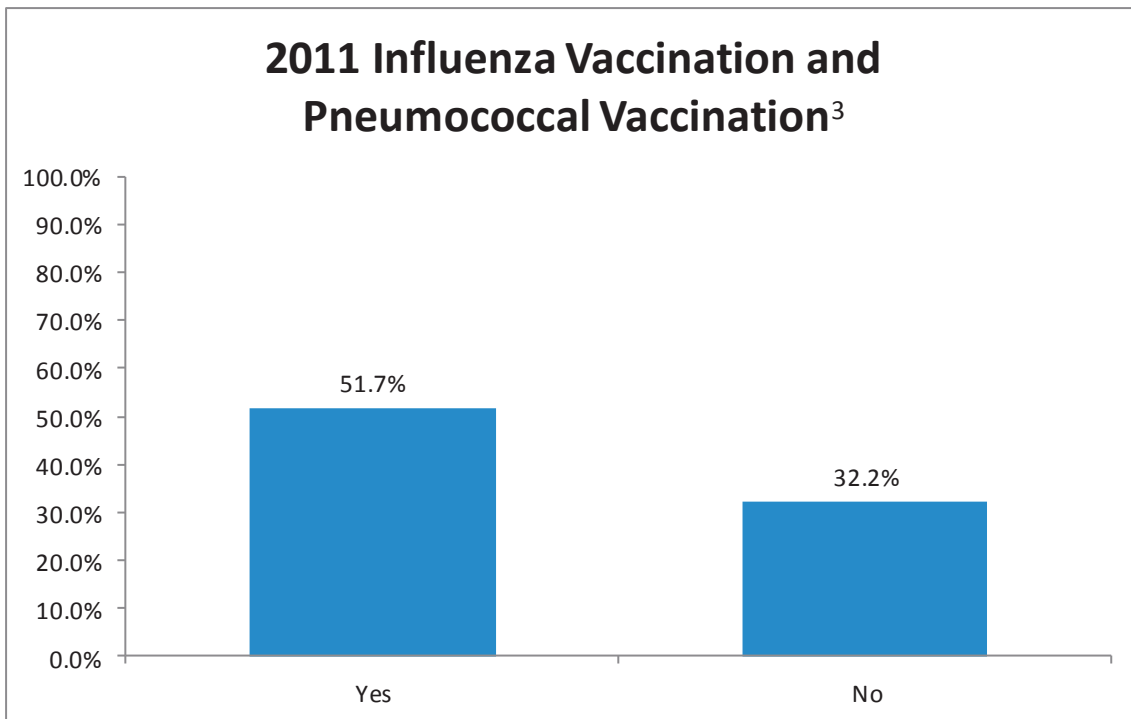


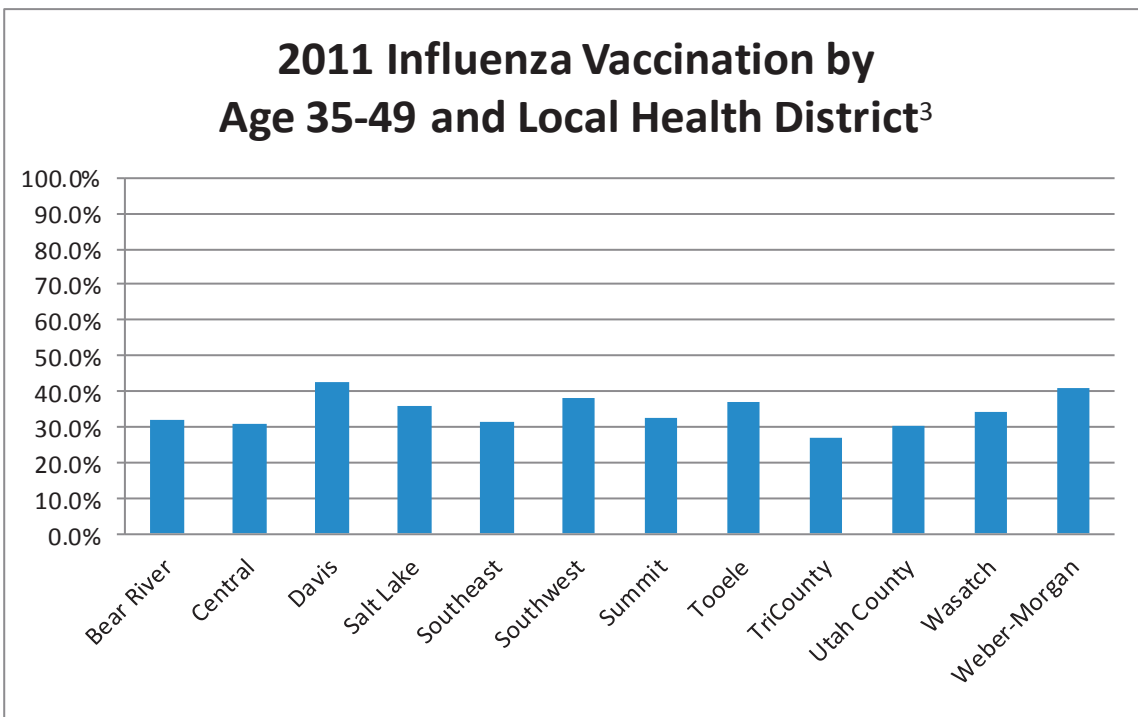
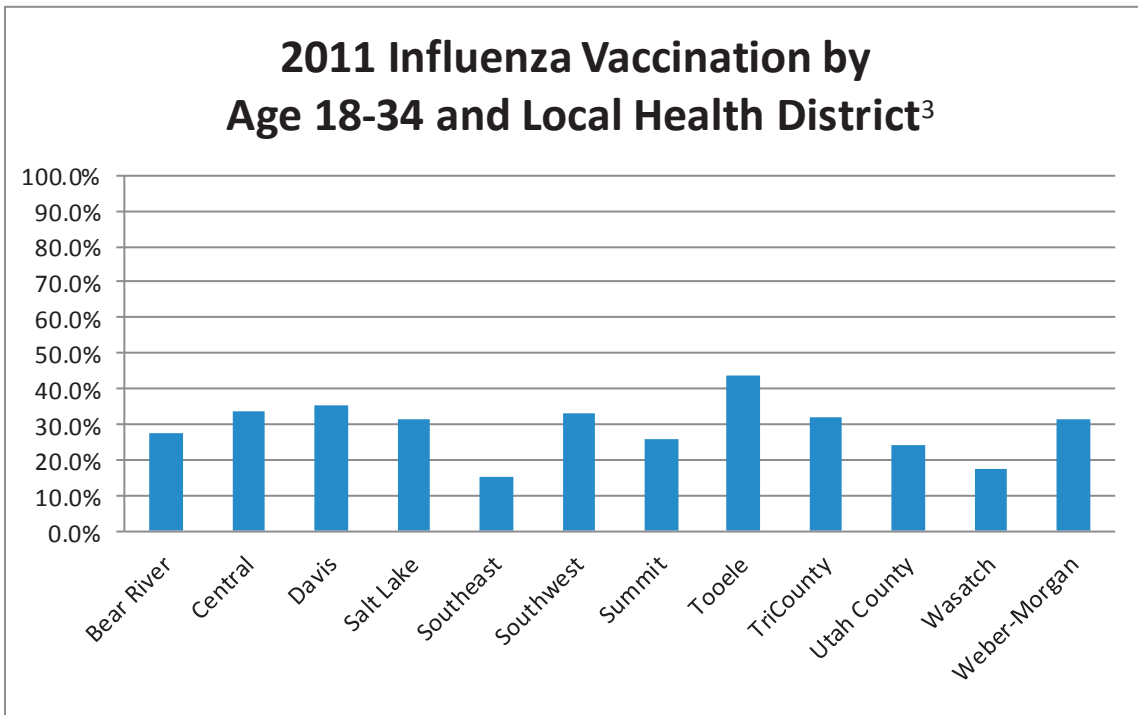




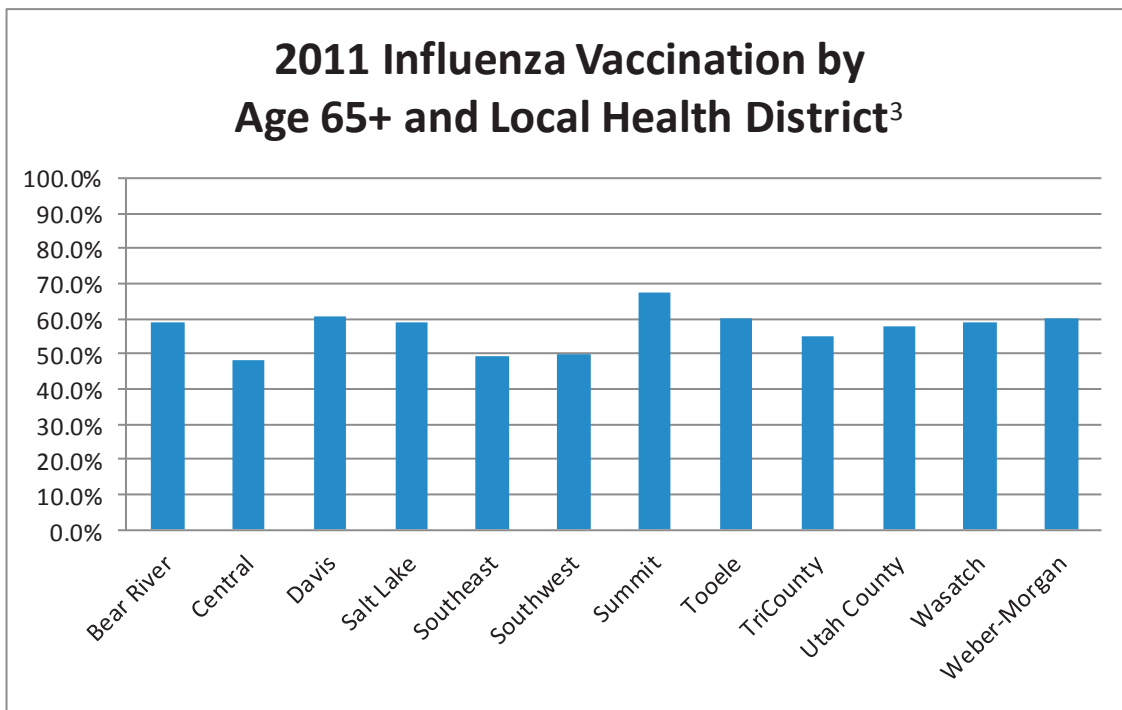
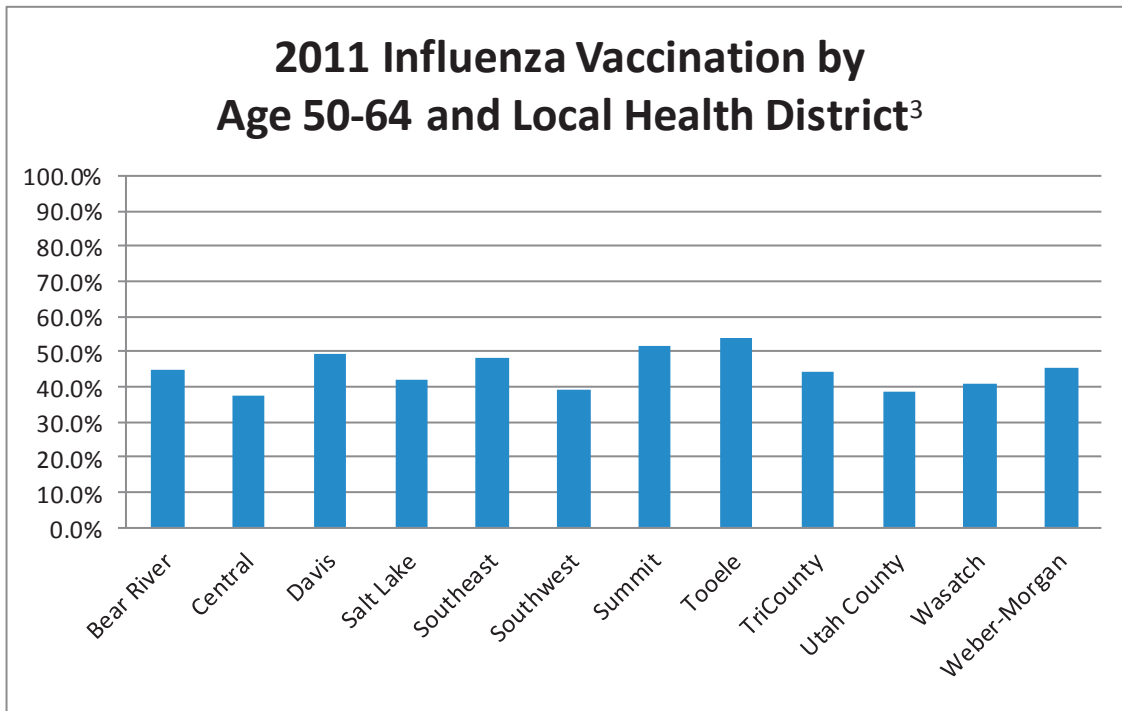


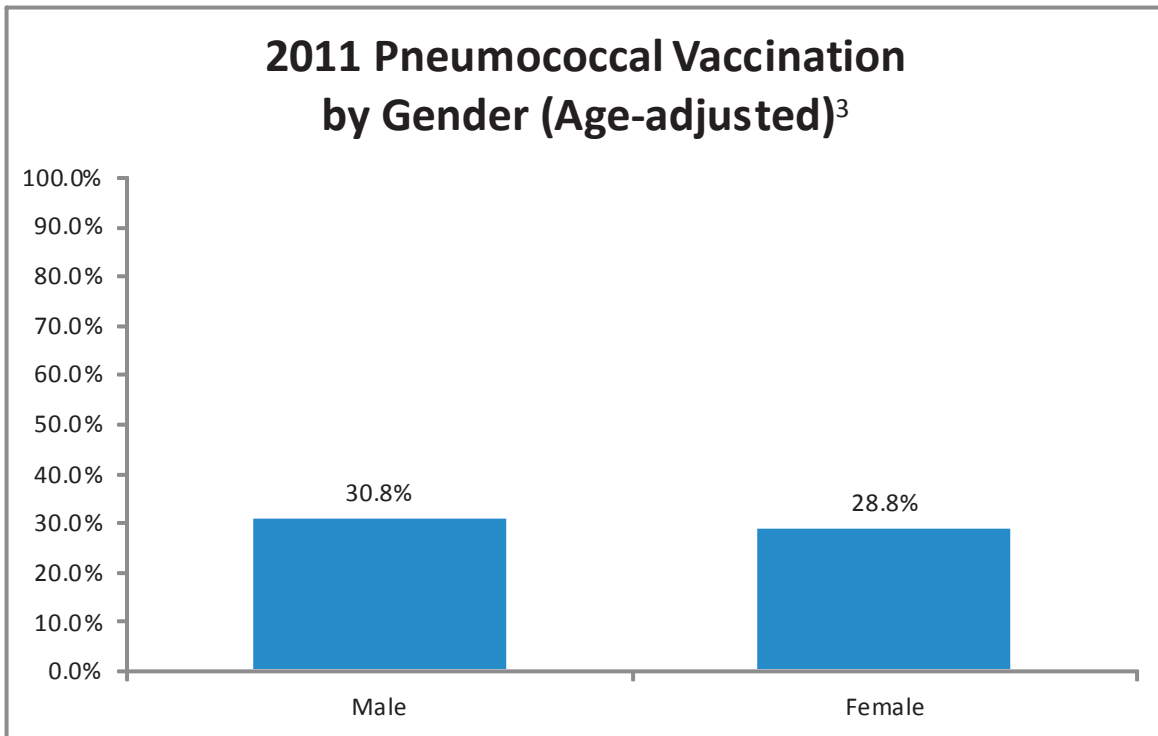
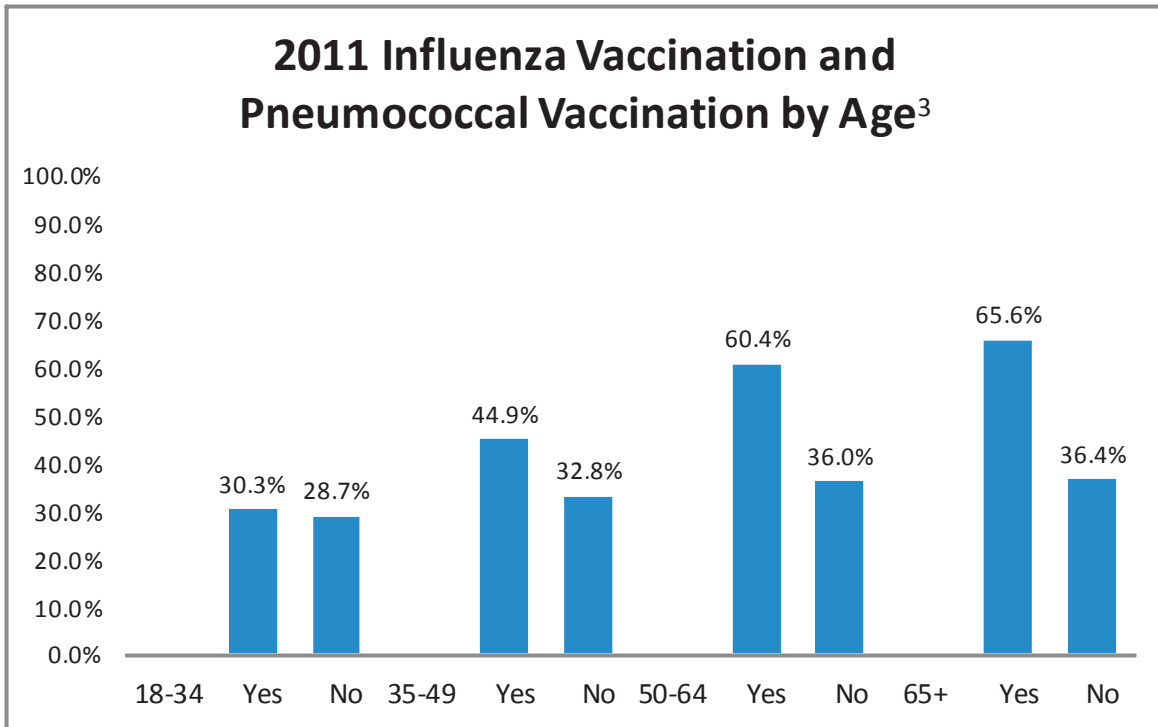


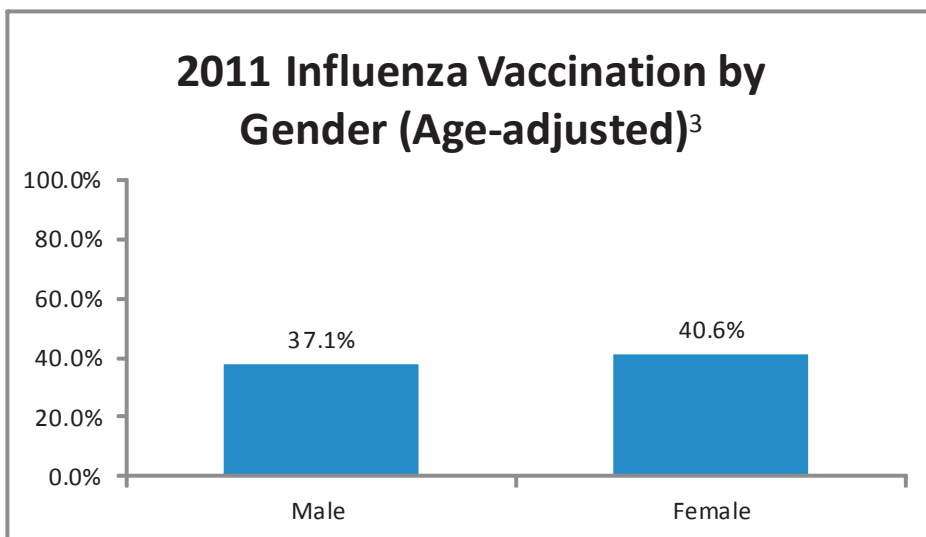
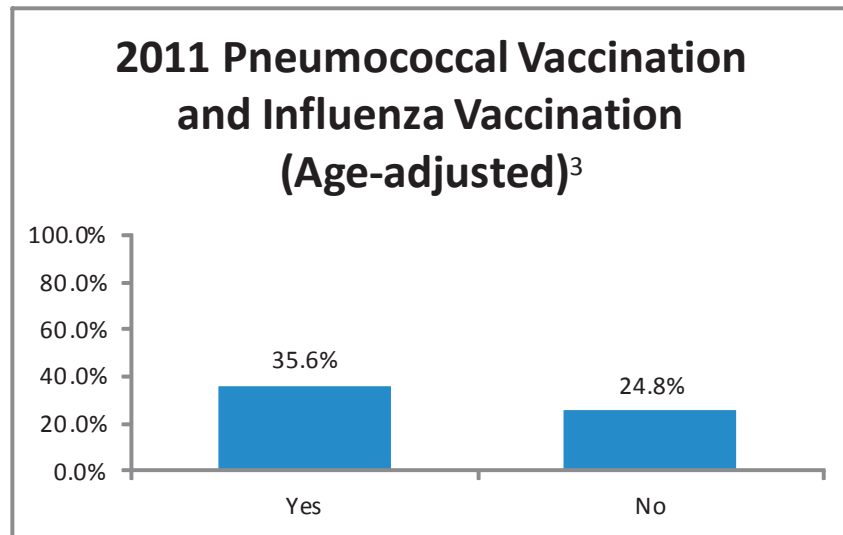
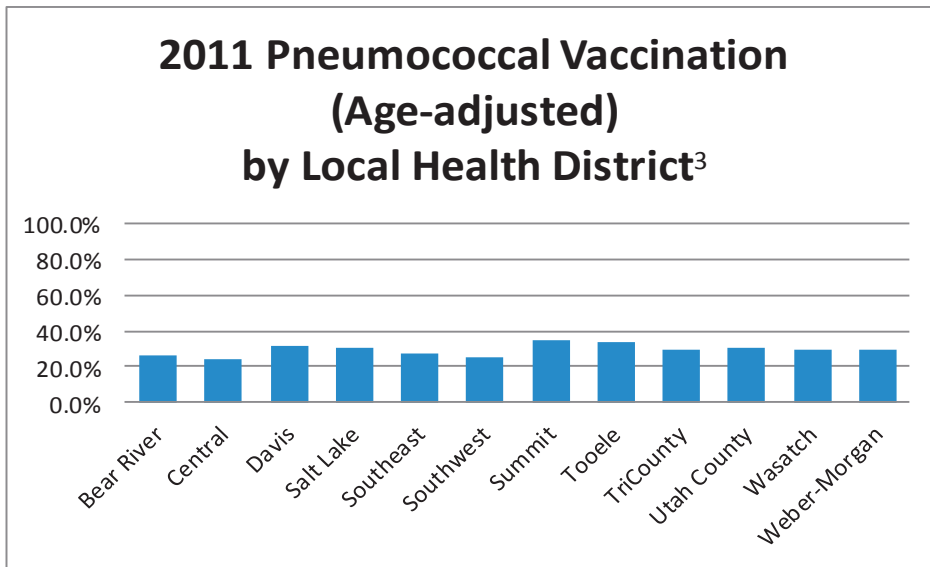


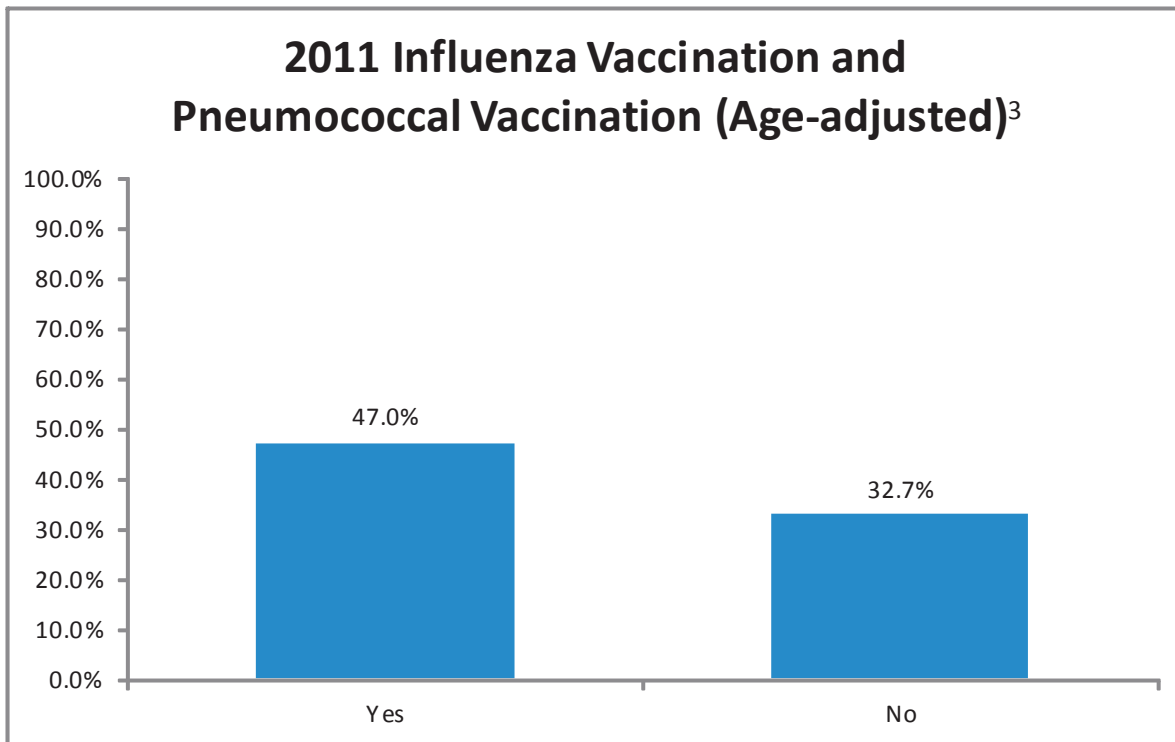
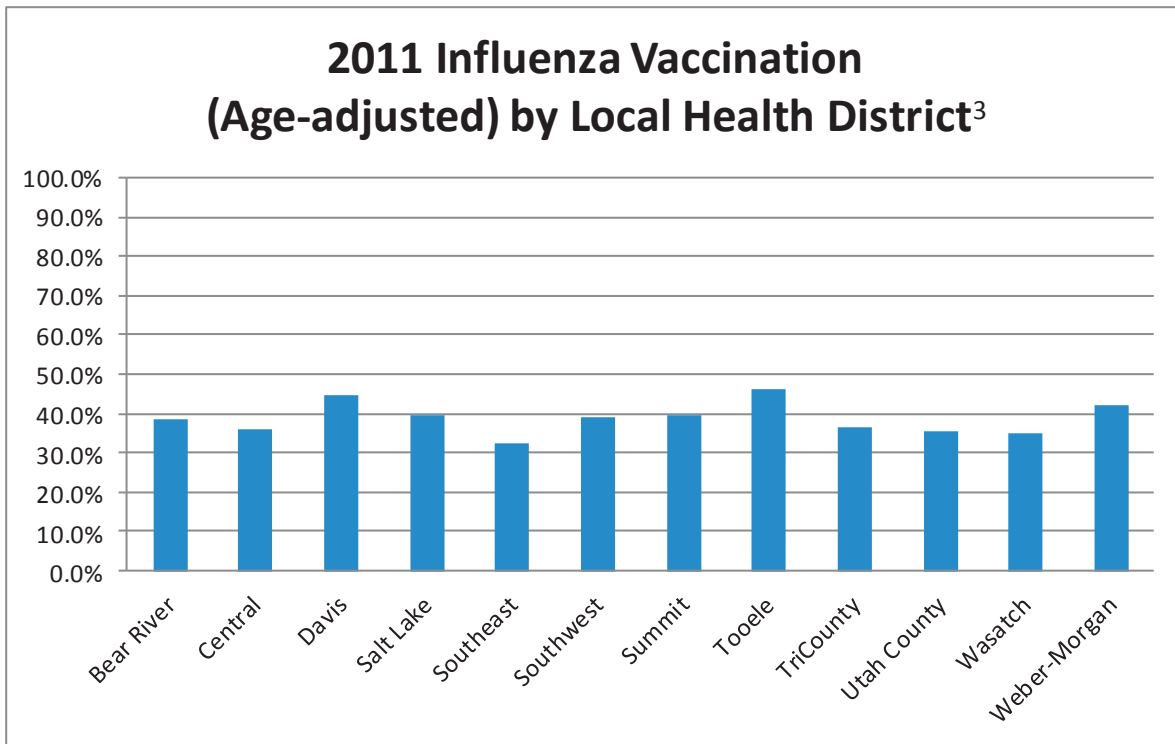


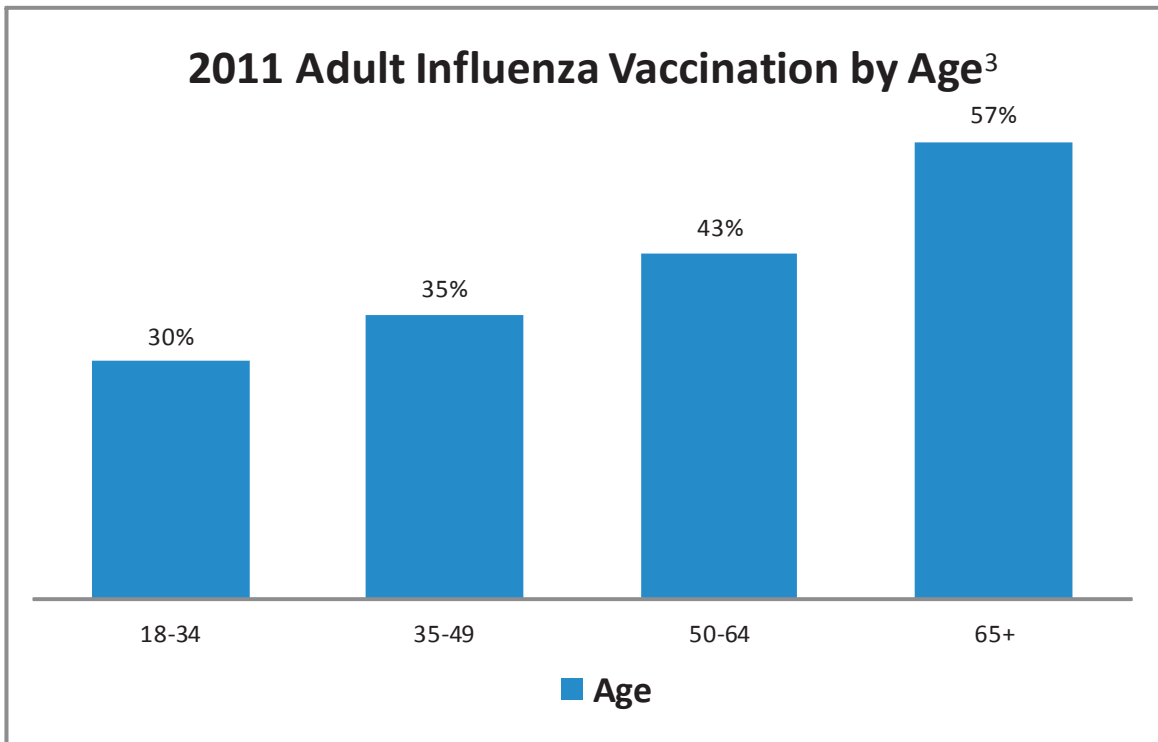
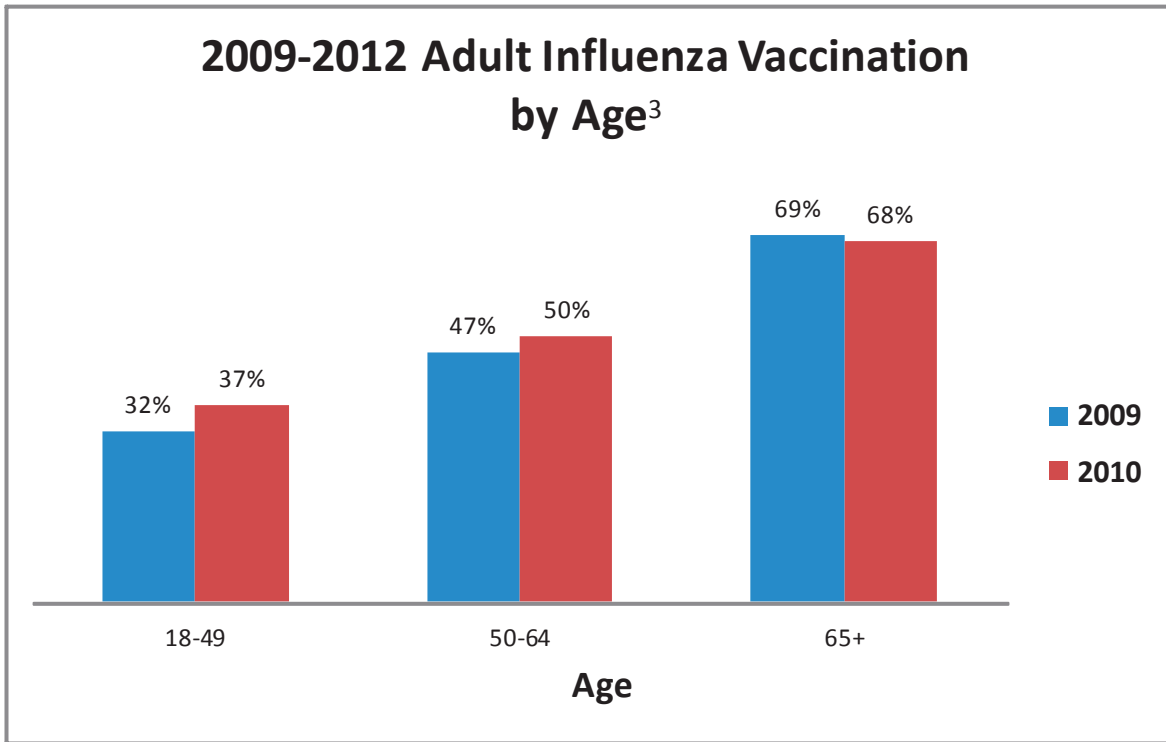


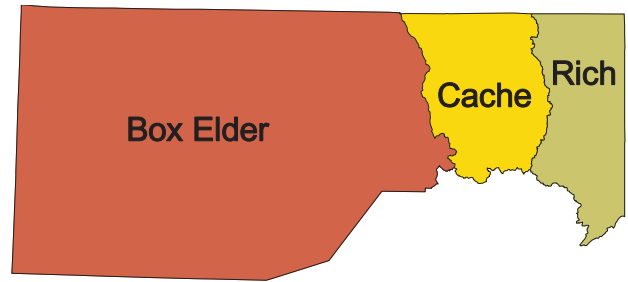












24-35 Months of Age <sup>6</sup>		
Children in USIIS born between 06/30/2009 and 06/30/2010		
Total	3404	
	Total	Percent
3 or more DTaP	3137	92.2%
4 or more DTaP	3029	89.0%
3 or more Polio	1895	55.7%
1 or more MMR	2819	82.8%
3 or more Hib	1502	44.1%
1 or more Hib	1502	44.1%
3 or more HepB	2968	87.2%
HepB birth dose	2985	87.7%
1 or more Varicella	2841	83.5%
3 or more PCV	2922	85.8%
4 or more PCV	2600	76.4%
2 or more HepA	2130	62.6%
1 or more Rotavirus	2600	76.4%
4:3:1	1674	49.2%
4:3:1:3	1397	41.0%
4:3:1:4	1530	44.9%
4:3:1:3:3	1395	41.0%
4:3:1:0:3:1	0	0.0%
4:3:1:3:3:1	1379	40.5%
4:3:1:4:3:1	1506	44.2%
4:3:1:0:3:1:4	1506	44.2%
4:3:1:3:3:1:4	0	0.0%

≤ 3 months of Age <sup>6</sup>		
Children in USIIS born between 03/30/2012 and 06/30/2012		
Total	823	
	Total	Percent
1 or more DTaP	609	74.0%
1 or more Polio	445	54.1%
1 or more Hib	438	53.2%
1 or more HepB	818	99.4%
2 or more HepB	584	71.0%
1 or more PCV	603	73.3%

≤ 5 months of Age <sup>6</sup>		
Children in USIIS born between 01/30/2012 and 06/30/2012		
Total	1373	
	Total	Percent
2 or more DTaP	1080	78.7%
2 or more Polio	792	57.7%
2 or more Hib	368	26.8%
2 or more HepB	1052	76.6%
2 or more PCV	527	38.4%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>3352</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		2639	78.7%
<b>2 or more Polio</b>		1923	57.4%
<b>1 or more MMR</b>		175	5.2%
<b>2 or more Hib</b>		1411	42.1%
<b>3 or more Hib</b>		198	5.9%
<b>1 or more Hib</b>		2015	60.1%
<b>2 or more HepB</b>		2606	77.7%
<b>3 or more HepB</b>		2137	63.8%
<b>1 or more Varicella</b>		226	6.7%
<b>3 or more PCV</b>		1351	40.3%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>5053</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		4414	87.4%
<b>4 or more DTaP</b>		3645	72.1%
<b>3 or more Polio</b>		3113	61.6%
<b>1 or more MMR</b>		1191	23.6%
<b>3 or more Hib</b>		973	19.3%
<b>1 or more Hib</b>		973	19.3%
<b>3 or more HepB</b>		3712	73.5%
<b>1 or more Varicella</b>		1533	30.3%
<b>3 or more PCV</b>		2933	58.0%
<b>4:3:1</b>		753	14.9%
<b>4:3:1:3</b>		548	10.8%
<b>4:3:1:4</b>		601	11.9%
<b>4:3:1:3:3</b>		548	10.8%
<b>4:3:1:0:3</b>		753	14.9%
<b>4:3:1:4:3</b>		123	2.4%
<b>4:3:1:3:3:1</b>		733	14.5%
<b>4:3:1:0:3:1</b>		733	14.5%
<b>4:3:1:4:3:1</b>		733	14.5%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>6429</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		5692	88.5%
<b>4 or more DTaP</b>		4875	75.8%
<b>3 or more Polio</b>		3973	61.8%
<b>1 or more MMR</b>		2264	35.2%
<b>3 or more Hib</b>		1614	25.1%
<b>1 or more Hib</b>		1614	25.1%
<b>3 or more HepB</b>		4924	76.6%
<b>1 or more Varicella</b>		2619	40.7%
<b>3 or more PCV</b>		4109	63.9%
<b>4 or more PCV</b>		2326	36.2%
<b>4:3:1</b>		1473	22.9%
<b>4:3:1:3</b>		1144	17.8%
<b>4:3:1:4</b>		1228	19.1%
<b>4:3:1:3:3</b>		1144	17.8%
<b>4:3:1:0:3</b>		1472	22.9%
<b>4:3:1:4:3</b>		243	3.8%
<b>4:3:1:3:3:1</b>		1432	22.3%
<b>4:3:1:0:3:1</b>		1432	22.3%
<b>4:3:1:4:3:1</b>		241	3.7%



12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	20618		
		Total	Percent
1 HPV		2563	12.4%
2 HPV		1606	7.8%
3 HPV		1016	4.9%

12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	20618		
		Total	Percent
1 or more meningococcal vaccine		12738	61.8%

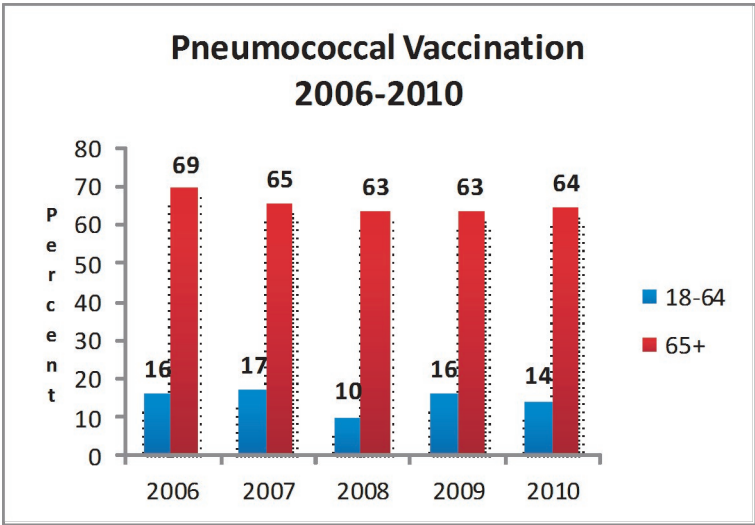
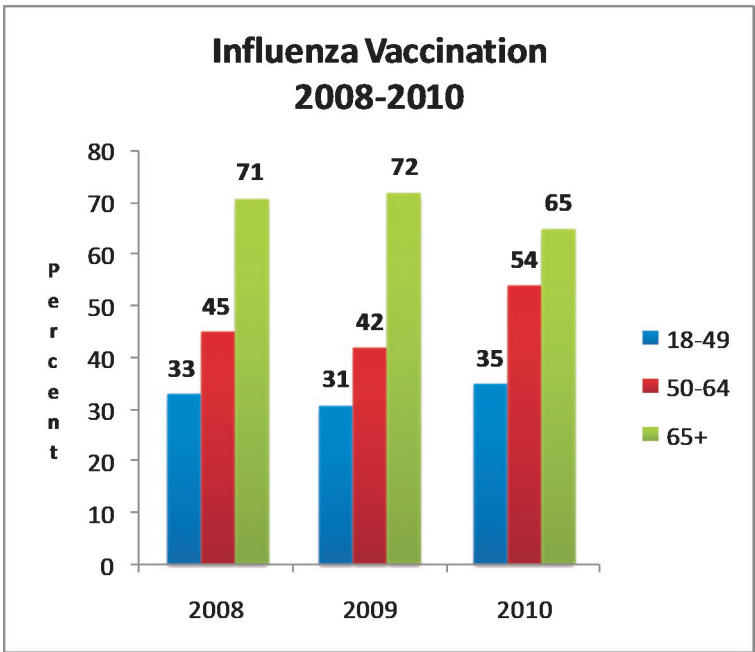
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	23645		
		Total	Percent
1 or more influenza vaccine		5617	23.8%

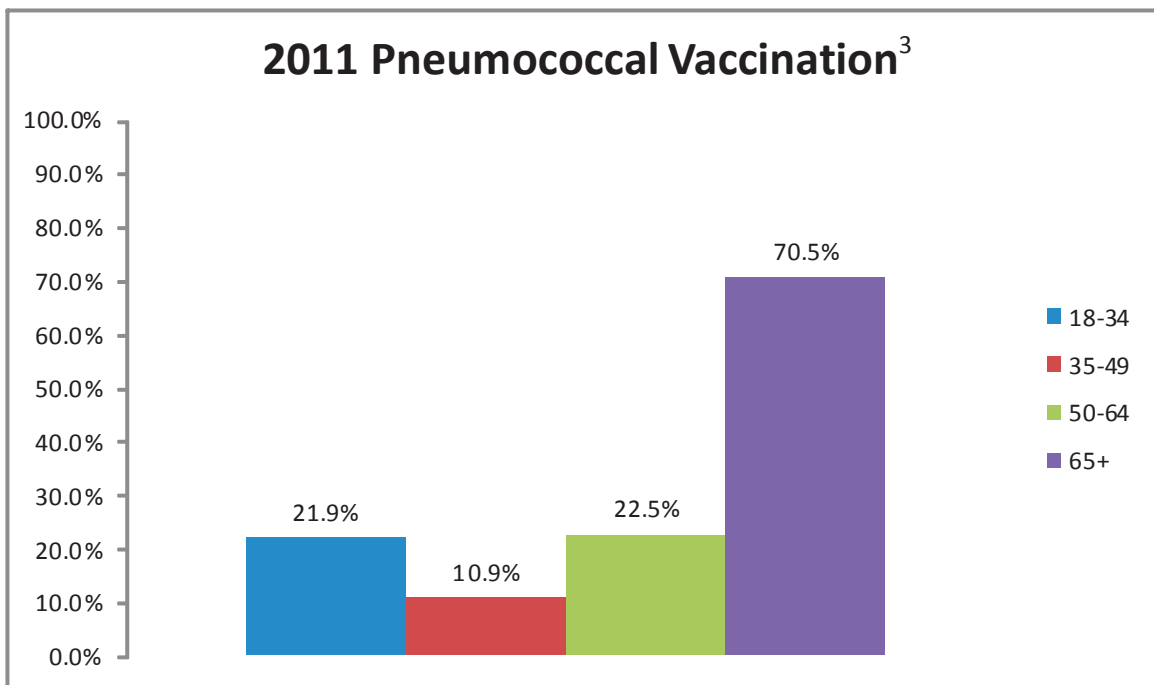
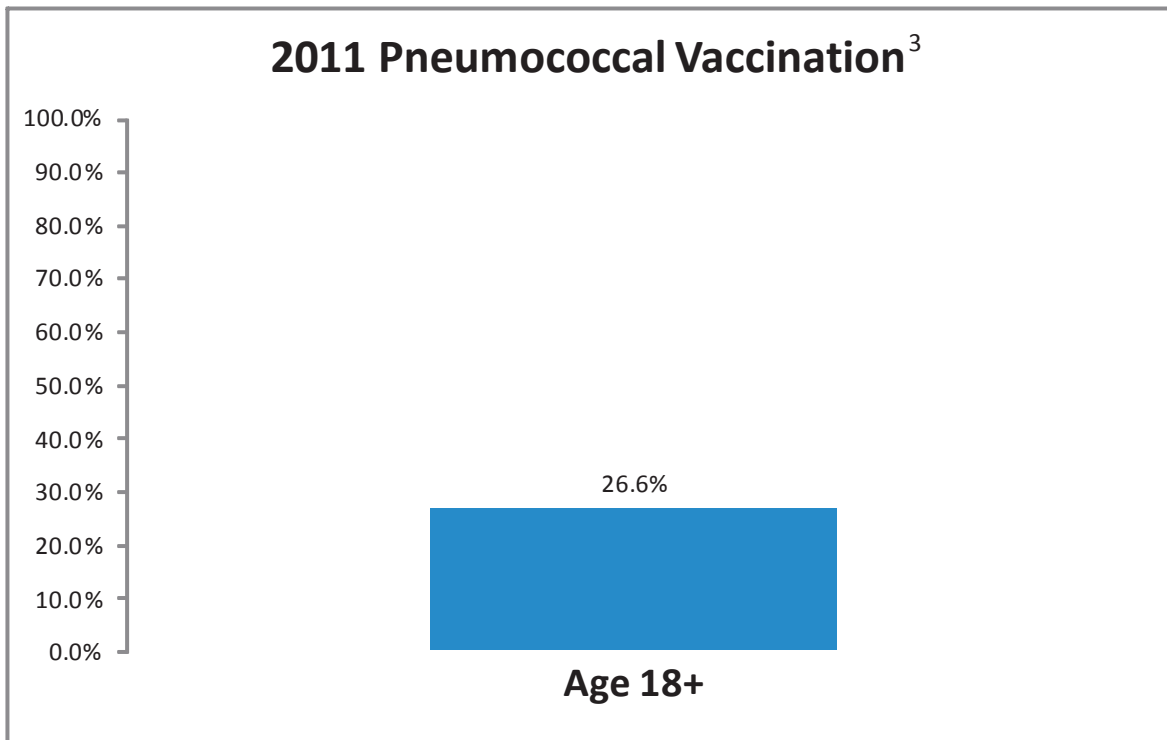
**Adequately Immunized by School District 2011<sup>6</sup>**

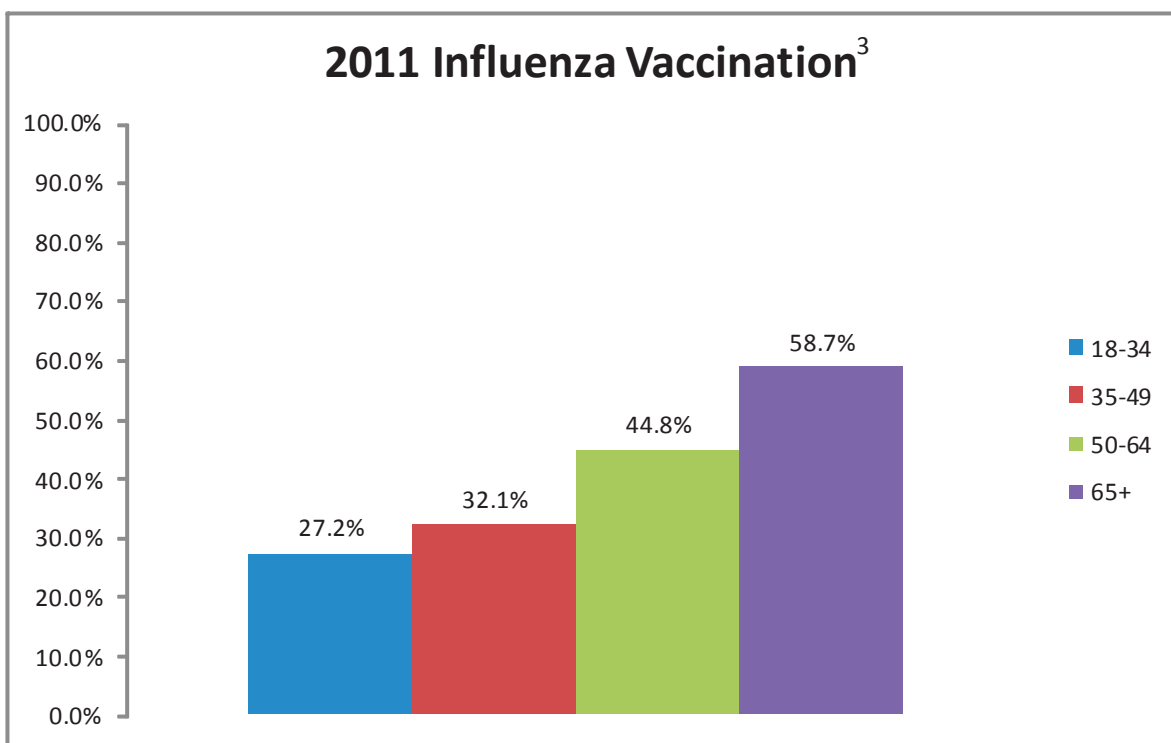
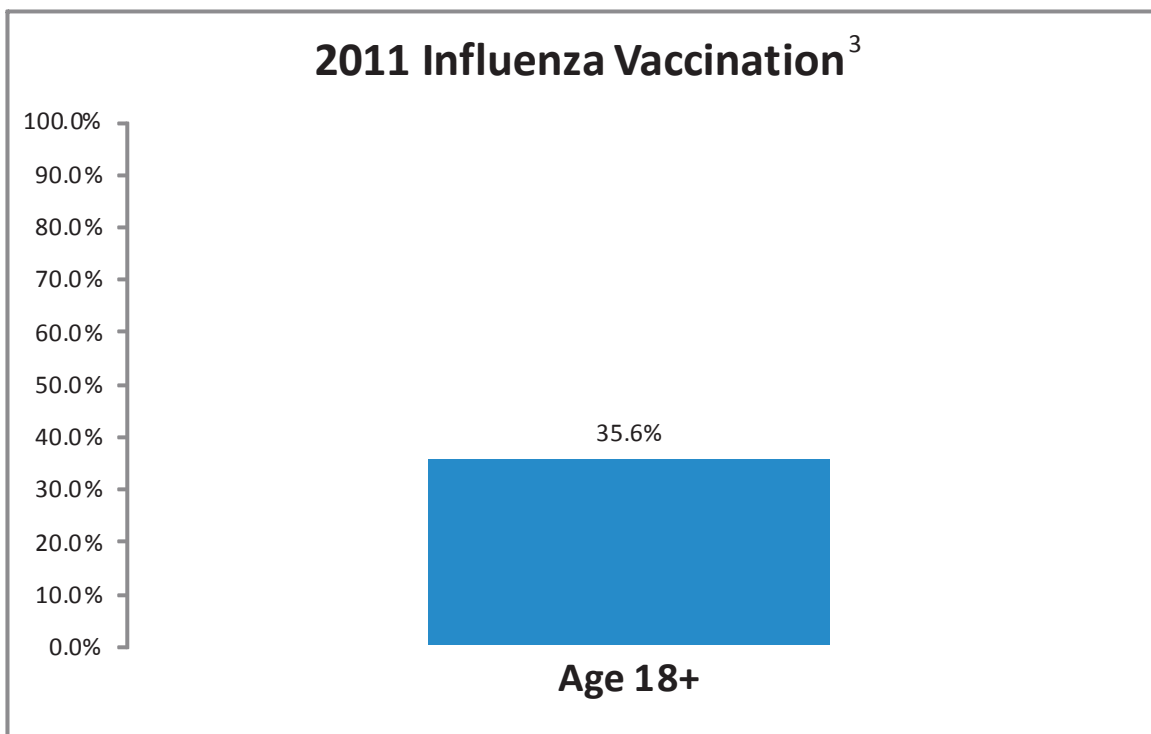
	Box Elder		Cache		Logan City		Rich	
Bear River	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	92.7%	3.0%	87.2%	4.7%	94.2%	1.8%	100%	0%
Second-Dose Measles (K-12)	97.7%	2.2%	97.4%	2.5%	98.3%	0.9%	99.0%	1.0%
7th Grade Entry	96.1%	3.7%	96.1%	2.8%	97.7%	1.2%	100%	0%

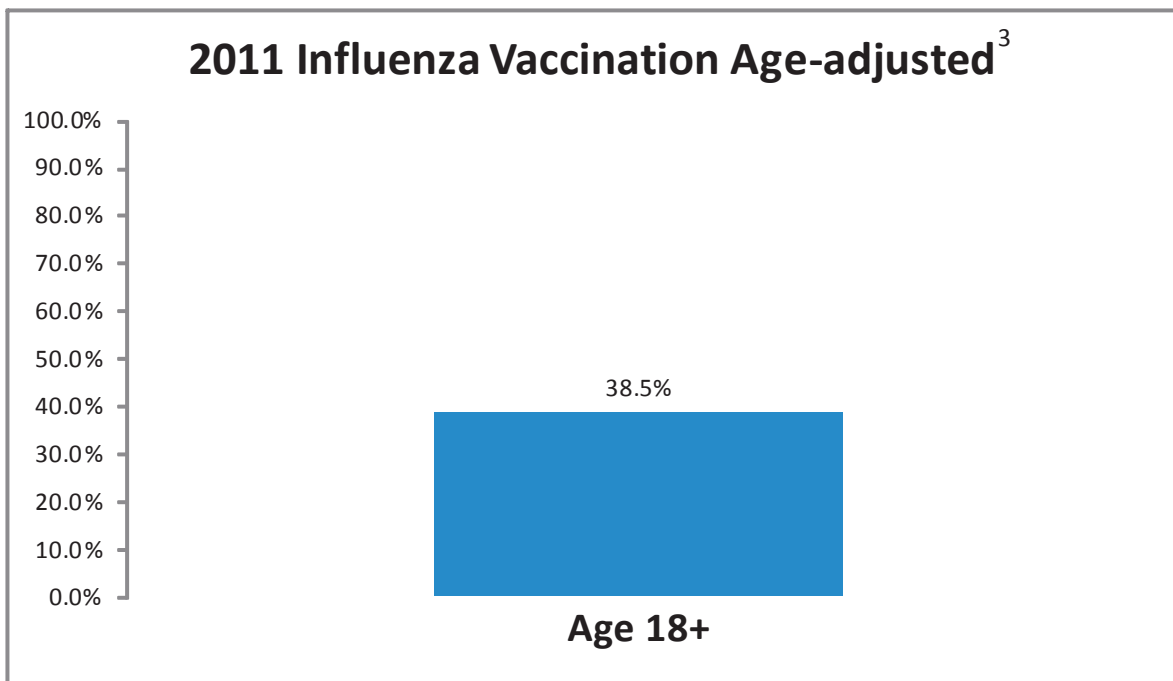
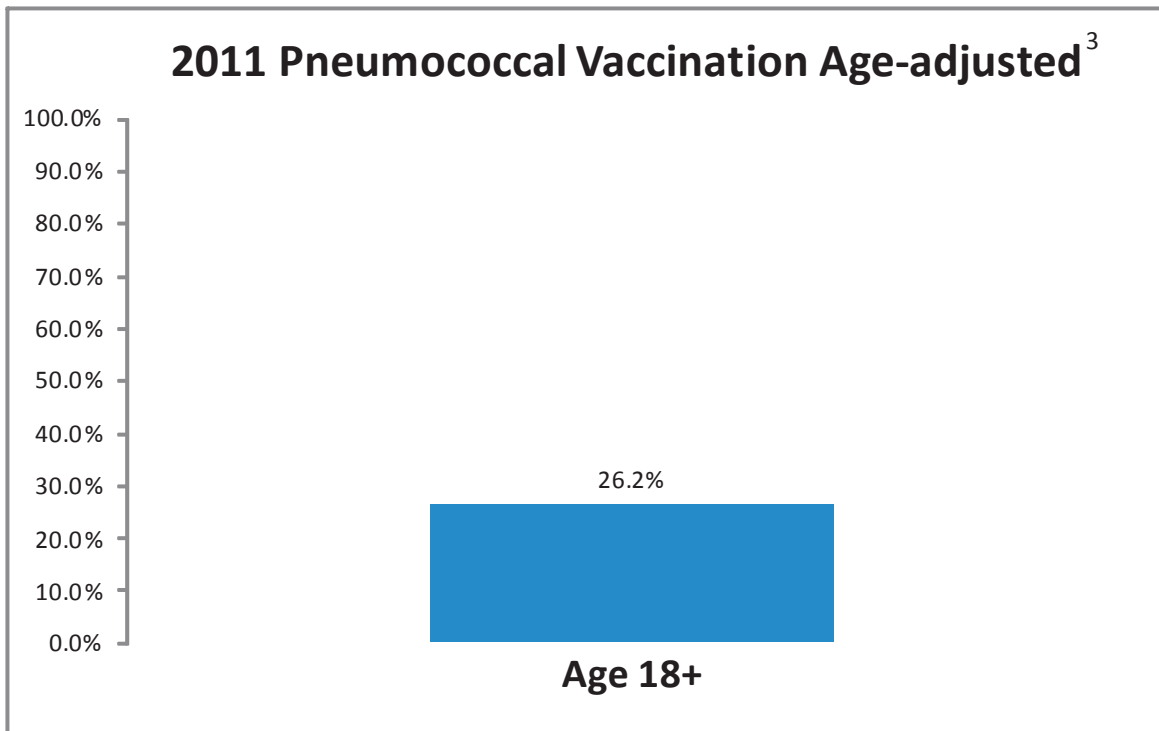
**Immunized for Child Care 2011<sup>6</sup>**

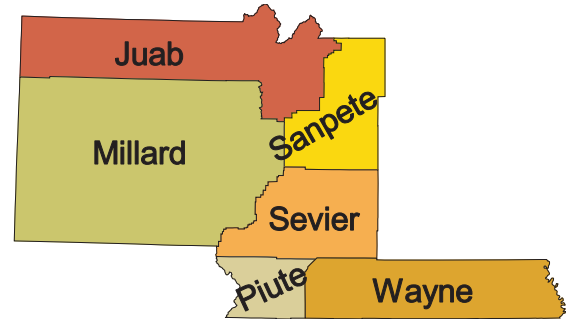
Bear River	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	99.2%	0.8%
Head Start Centers	97.1%	1.1%











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	1158		
		Total	Percent
3 or more DTaP		1031	89.0%
4 or more DTaP		971	83.9%
3 or more Polio		550	47.5%
1 or more MMR		877	75.7%
3 or more Hib		268	23.1%
1 or more Hib		268	23.1%
3 or more HepB		936	80.8%
HepB birth dose		952	82.2%
1 or more Varicella		857	74.0%
3 or more PCV		883	76.3%
4 or more PCV		716	61.8%
2 or more HepA		570	49.2%
1 or more Rotavirus		716	61.8%
4:3:1		469	40.5%
4:3:1:3		249	21.5%
4:3:1:4		376	32.5%
4:3:1:3:3		249	21.5%
4:3:1:0:3:1		0	0.0%
4:3:1:3:3:1		235	20.3%
4:3:1:4:3:1		356	30.7%
4:3:1:0:3:1:4		356	30.7%
4:3:1:3:3:1:4		0	0.0%

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	236		
		Total	Percent
1 or more DTaP		150	63.6%
1 or more Polio		73	30.9%
1 or more Hib		71	30.1%
1 or more HepB		234	99.2%
2 or more HepB		142	60.2%
1 or more PCV		147	62.3%

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	400		
		Total	Percent
2 or more DTaP		286	71.5%
2 or more Polio		139	34.8%
2 or more Hib		22	5.5%
2 or more HepB		268	67.0%
2 or more PCV		119	29.8%

USIIS data queries are performed beginning June 29, 2012 and ending August 31, 2012. Most data are represented in 2011. USIIS data is the most current because of querying methods in 2012. Please read results of USIIS with caution. Local Health Departments vary because of the number of users who enter data into USIIS.

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>1006</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		766	76.1%
<b>2 or more Polio</b>		410	40.8%
<b>1 or more MMR</b>		51	5.1%
<b>2 or more Hib</b>		183	18.2%
<b>3 or more Hib</b>		53	5.3%
<b>1 or more Hib</b>		411	40.9%
<b>2 or more HepB</b>		741	73.7%
<b>3 or more HepB</b>		574	57.1%
<b>1 or more Varicella</b>		47	4.7%
<b>3 or more PCV</b>		349	34.7%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>1579</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		1340	84.9%
<b>4 or more DTaP</b>		1087	68.8%
<b>3 or more Polio</b>		687	43.5%
<b>1 or more MMR</b>		417	26.4%
<b>3 or more Hib</b>		155	9.8%
<b>1 or more Hib</b>		155	9.8%
<b>3 or more HepB</b>		1096	69.4%
<b>1 or more Varicella</b>		402	25.5%
<b>3 or more PCV</b>		822	52.1%
<b>4:3:1</b>		209	13.2%
<b>4:3:1:3</b>		95	6.0%
<b>4:3:1:4</b>		164	10.4%
<b>4:3:1:3:3</b>		95	6.0%
<b>4:3:1:0:3</b>		209	13.2%
<b>4:3:1:4:3</b>		38	2.4%
<b>4:3:1:3:3:1</b>		174	11.0%
<b>4:3:1:0:3:1</b>		174	11.0%
<b>4:3:1:4:3:1</b>		174	11.0%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>2044</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		1768	86.5%
<b>4 or more DTaP</b>		1489	72.8%
<b>3 or more Polio</b>		931	45.5%
<b>1 or more MMR</b>		766	37.5%
<b>3 or more Hib</b>		272	13.3%
<b>1 or more Hib</b>		272	13.3%
<b>3 or more HepB</b>		1495	73.1%
<b>1 or more Varicella</b>		727	35.6%
<b>3 or more PCV</b>		1191	58.3%
<b>4 or more PCV</b>		675	33.0%
<b>4:3:1</b>		411	20.1%
<b>4:3:1:3</b>		203	9.9%
<b>4:3:1:4</b>		335	16.4%
<b>4:3:1:3:3</b>		202	9.9%
<b>4:3:1:0:3</b>		410	20.1%
<b>4:3:1:4:3</b>		93	4.5%
<b>4:3:1:3:3:1</b>		350	17.1%
<b>4:3:1:0:3:1</b>		350	17.1%
<b>4:3:1:4:3:1</b>		77	3.8%



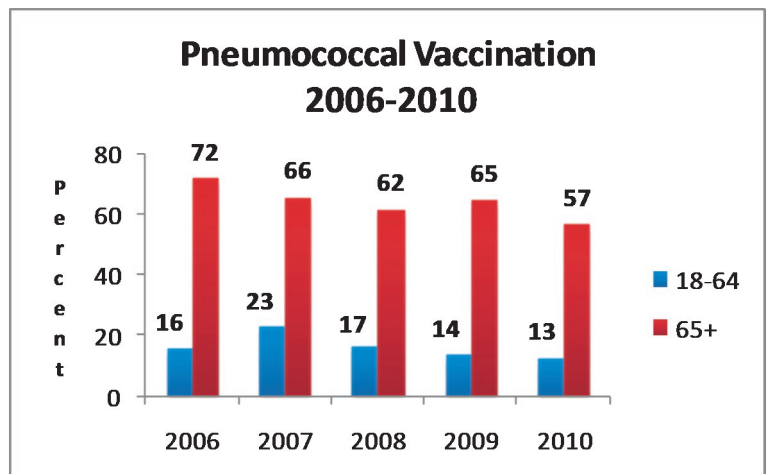
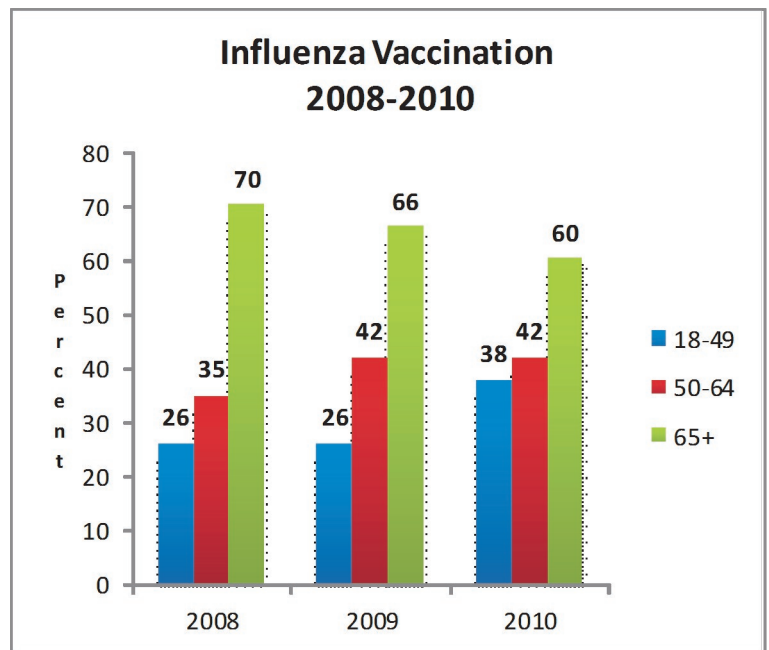
12 - 17 Years of Age <sup>6</sup>			
Children in USIS born between 06/30/1994 and 06/30/2000			
Total	9503		
		Total	Percent
1 HPV		988	10.4%
2 HPV		563	5.9%
3 HPV		340	3.6%

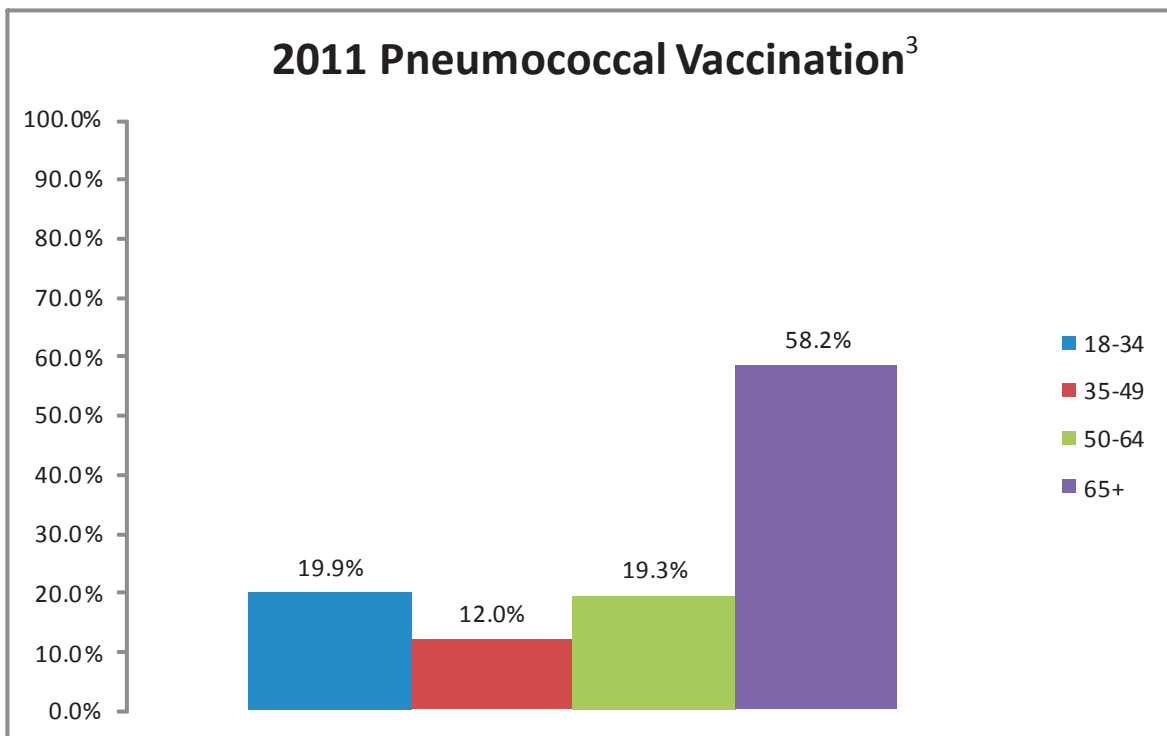
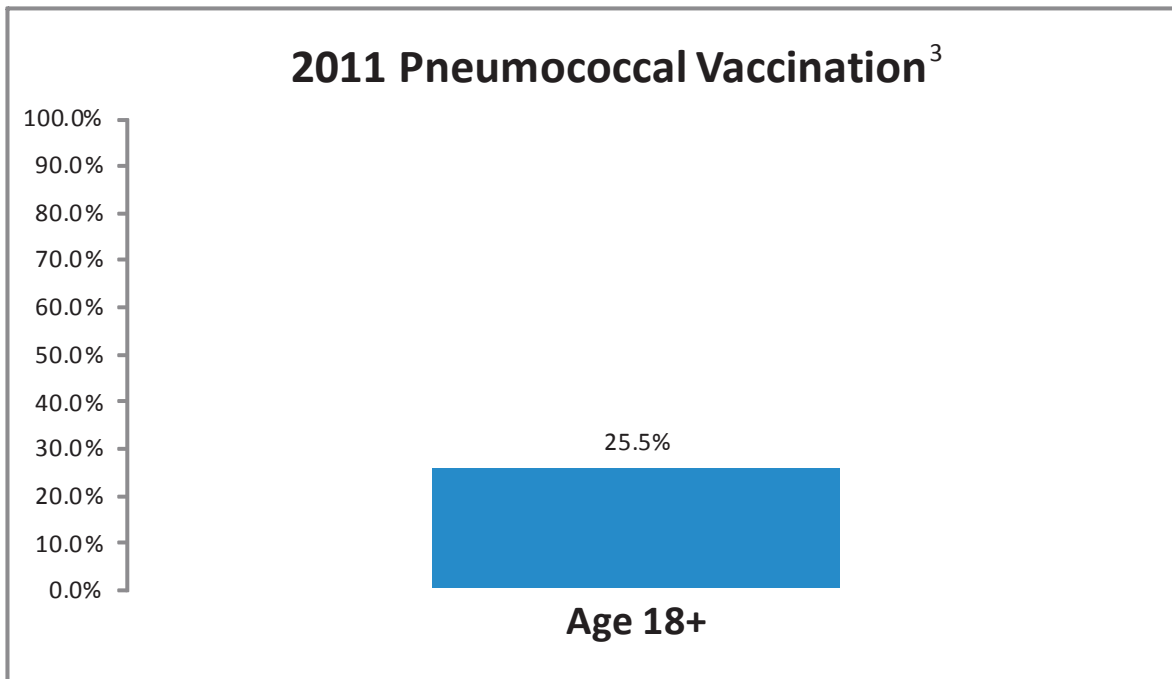
12 - 17 Years of Age <sup>6</sup>			
Children in USIS born between 06/30/1994 and 06/30/2000			
Total	9503		
		Total	Percent
1 or more meningococcal vaccine		5813	61.2%

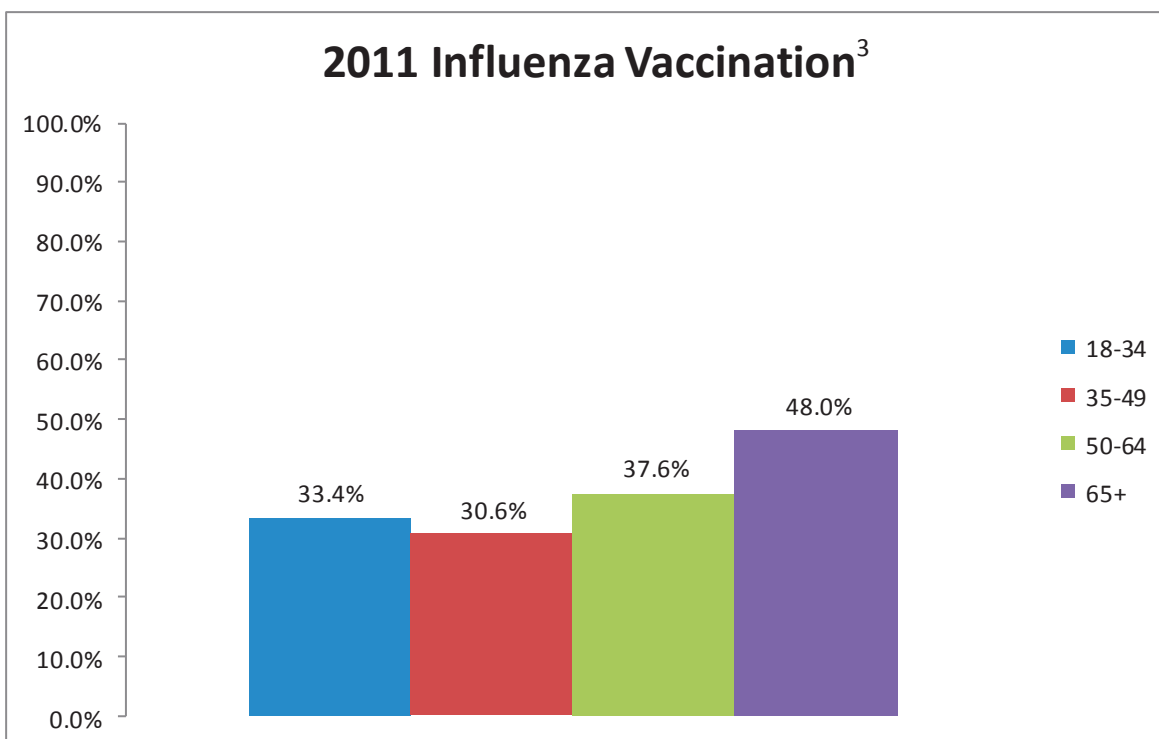
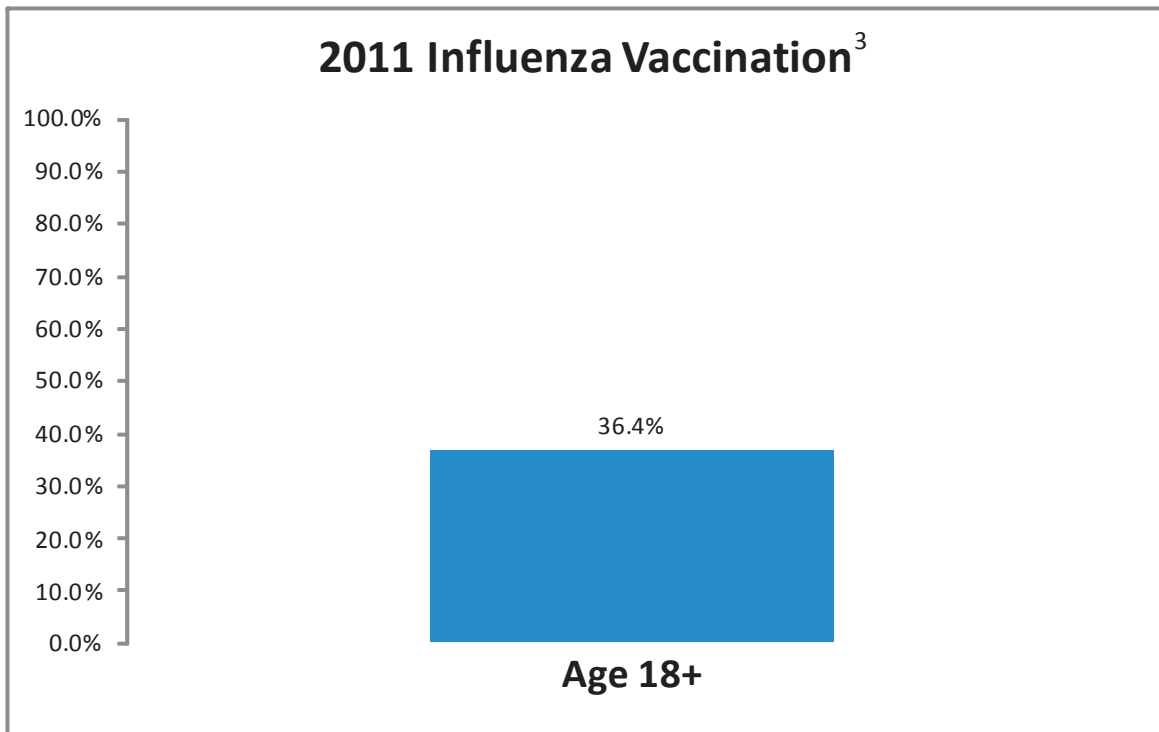
< 18 Years of Age <sup>6</sup>			
Children in USIS born between 06/30/1993 and 06/30/2000			
Total	10996		
		Total	Percent
1 or more influenza vaccine		1898	17.3%

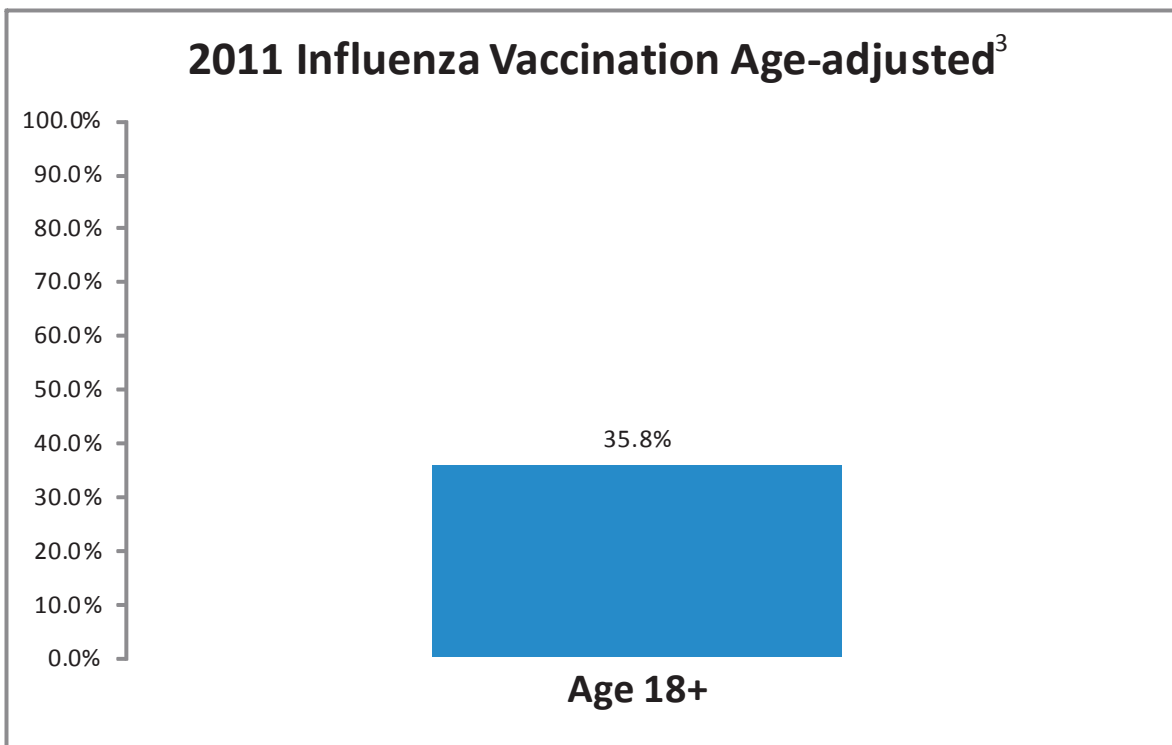
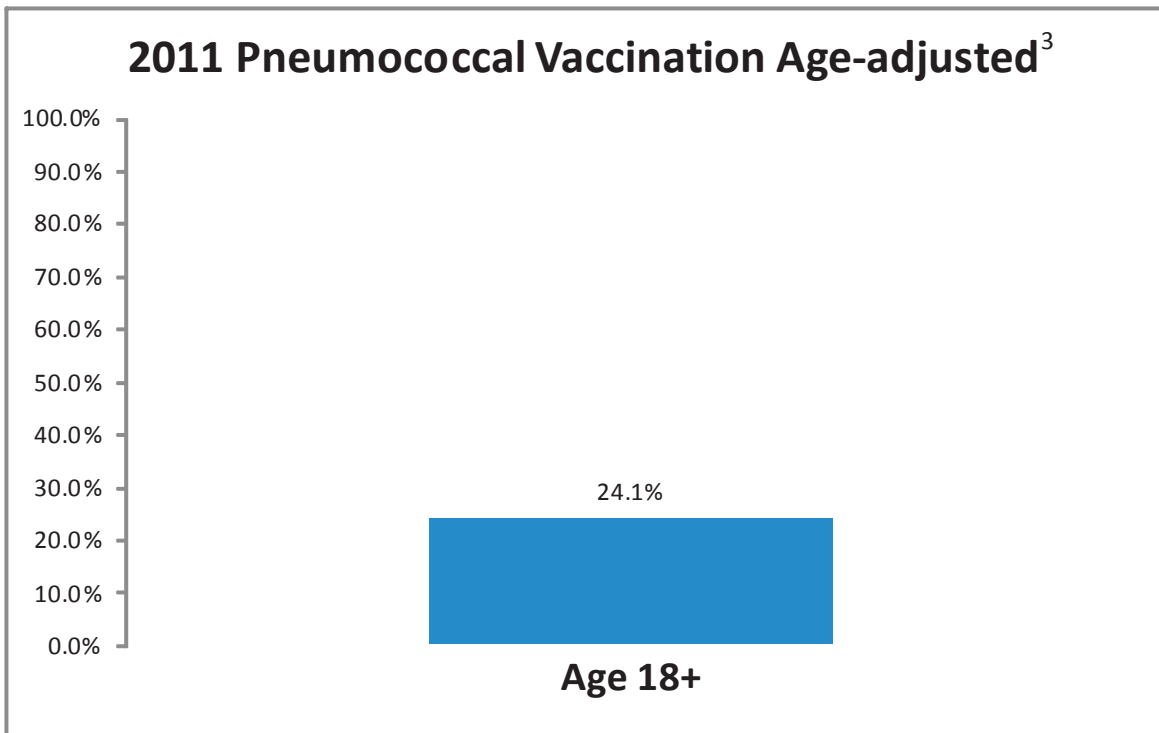
Adequately Immunized by School District 2011 <sup>6</sup>																
Central	Juab		Millard		N Sanpete		Piute		Sevier		S Sanpete		Tintic		Wayne	
	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp
Kindergarten School Entry	86.7%	8.3%	93.2%	3.7%	87.9%	6.3%	92.9%	7.1%	85.6%	6.0%	92.0%	3.6%	100%	N/A	94.9%	2.6%
Second-Dose Measles (K-12)	89.2%	10.6%	96.4%	4.0%	93.4%	6.1%	97.5%	2.2%	93.7%	6.2%	98.1%	1.7%	99.5%	0.5%	96.7%	2.8%
7th Grade Entry	87.6%	8.8%	95.1%	4.9%	93.7%	4.7%	92.0%	4.0%	93.4%	6.6%	99.2%	0.8%	100%	N/A	97.7%	2.3%

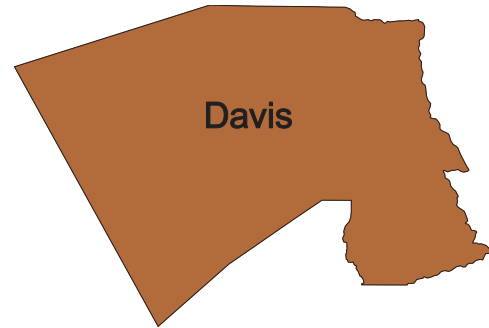
Immunized for Child Care 2011 <sup>6</sup>		
Central	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	93.1%	0.6%
Head Start Centers	76.3%	1.0%











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	6026		
		Total	Percent
3 or more DTaP		3948	65.5%
4 or more DTaP		3684	61.1%
3 or more Polio		2289	38.0%
1 or more MMR		3706	61.5%
3 or more Hib		1585	26.3%
1 or more Hib		1585	26.3%
3 or more HepB		3660	60.7%
HepB birth dose		5296	87.9%
1 or more Varicella		3669	60.9%
3 or more PCV		3580	59.4%
4 or more PCV		3169	52.6%
2 or more HepA		2814	46.7%
1 or more Rotavirus		3169	52.6%
4:3:1		2016	33.5%
4:3:1:3		1472	24.4%
4:3:1:4		1846	30.6%
4:3:1:3:3		1465	24.3%
4:3:1:0:3:1		0	0.0%
4:3:1:3:3:1		1446	24.0%
4:3:1:4:3:1		1812	30.1%
4:3:1:0:3:1:4		1812	30.1%
4:3:1:3:3:1:4		0	0.0%

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	1374		
		Total	Percent
1 or more DTaP		815	59.3%
1 or more Polio		334	24.3%
1 or more Hib		323	23.5%
1 or more HepB		1366	99.4%
2 or more HepB		778	56.6%
1 or more PCV		819	59.6%

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	2253		
		Total	Percent
2 or more DTaP		1417	62.9%
2 or more Polio		586	26.0%
2 or more Hib		257	11.4%
2 or more HepB		1369	60.8%
2 or more PCV		686	30.4%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>5800</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		3742	64.5%
<b>2 or more Polio</b>		1636	28.2%
<b>1 or more MMR</b>		364	6.3%
<b>2 or more Hib</b>		1102	19.0%
<b>3 or more Hib</b>		727	12.5%
<b>1 or more Hib</b>		1647	28.4%
<b>2 or more HepB</b>		3654	63.0%
<b>3 or more HepB</b>		2516	43.4%
<b>1 or more Varicella</b>		342	5.9%
<b>3 or more PCV</b>		1970	34.0%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>8581</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		6002	69.9%
<b>4 or more DTaP</b>		4924	57.4%
<b>3 or more Polio</b>		2734	31.9%
<b>1 or more MMR</b>		2302	26.8%
<b>3 or more Hib</b>		1645	19.2%
<b>1 or more Hib</b>		1645	19.2%
<b>3 or more HepB</b>		4545	53.0%
<b>1 or more Varicella</b>		2223	25.9%
<b>3 or more PCV</b>		3947	46.0%
<b>4:3:1</b>		1080	12.6%
<b>4:3:1:3</b>		876	10.2%
<b>4:3:1:4</b>		790	9.2%
<b>4:3:1:3:3</b>		876	10.2%
<b>4:3:1:0:3</b>		1080	12.6%
<b>4:3:1:4:3</b>		541	6.3%
<b>4:3:1:3:3:1</b>		1046	12.2%
<b>4:3:1:0:3:1</b>		1046	12.2%
<b>4:3:1:4:3:1</b>		1046	12.2%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>11000</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		7688	69.9%
<b>4 or more DTaP</b>		6423	58.4%
<b>3 or more Polio</b>		3641	33.1%
<b>1 or more MMR</b>		3884	35.3%
<b>3 or more Hib</b>		2303	20.9%
<b>1 or more Hib</b>		2303	20.9%
<b>3 or more HepB</b>		6019	54.7%
<b>1 or more Varicella</b>		3777	34.3%
<b>3 or more PCV</b>		5380	48.9%
<b>4 or more PCV</b>		2644	24.0%
<b>4:3:1</b>		1830	16.6%
<b>4:3:1:3</b>		1471	13.4%
<b>4:3:1:4</b>		1461	13.3%
<b>4:3:1:3:3</b>		1468	13.3%
<b>4:3:1:0:3</b>		1825	16.6%
<b>4:3:1:4:3</b>		996	9.1%
<b>4:3:1:3:3:1</b>		1766	16.1%
<b>4:3:1:0:3:1</b>		1766	16.1%
<b>4:3:1:4:3:1</b>		980	8.9%



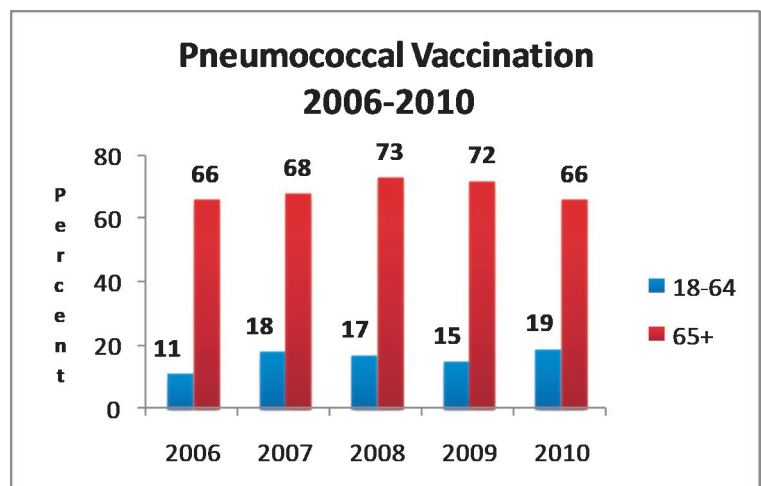
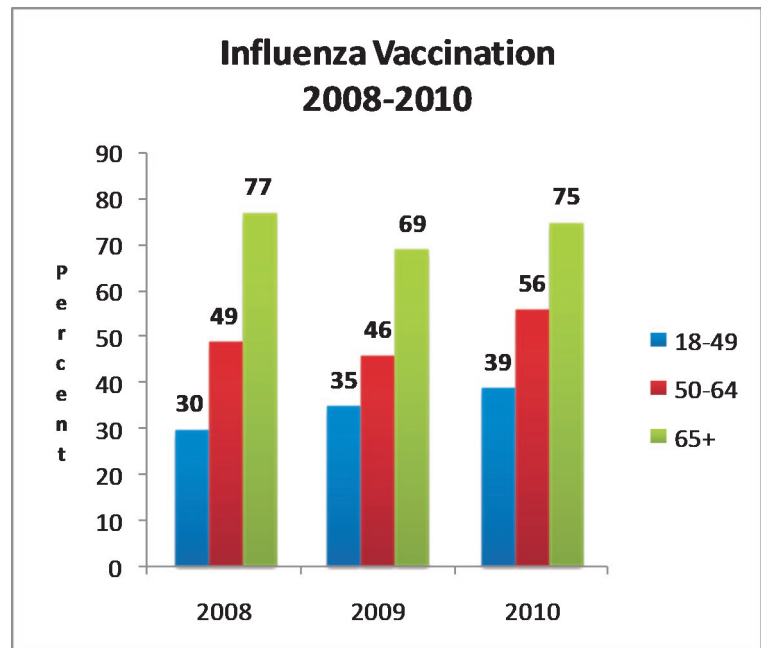
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	33992		
		Total	Percent
1 HPV		4967	14.6%
2 HPV		2991	8.8%
3 HPV		1863	5.5%

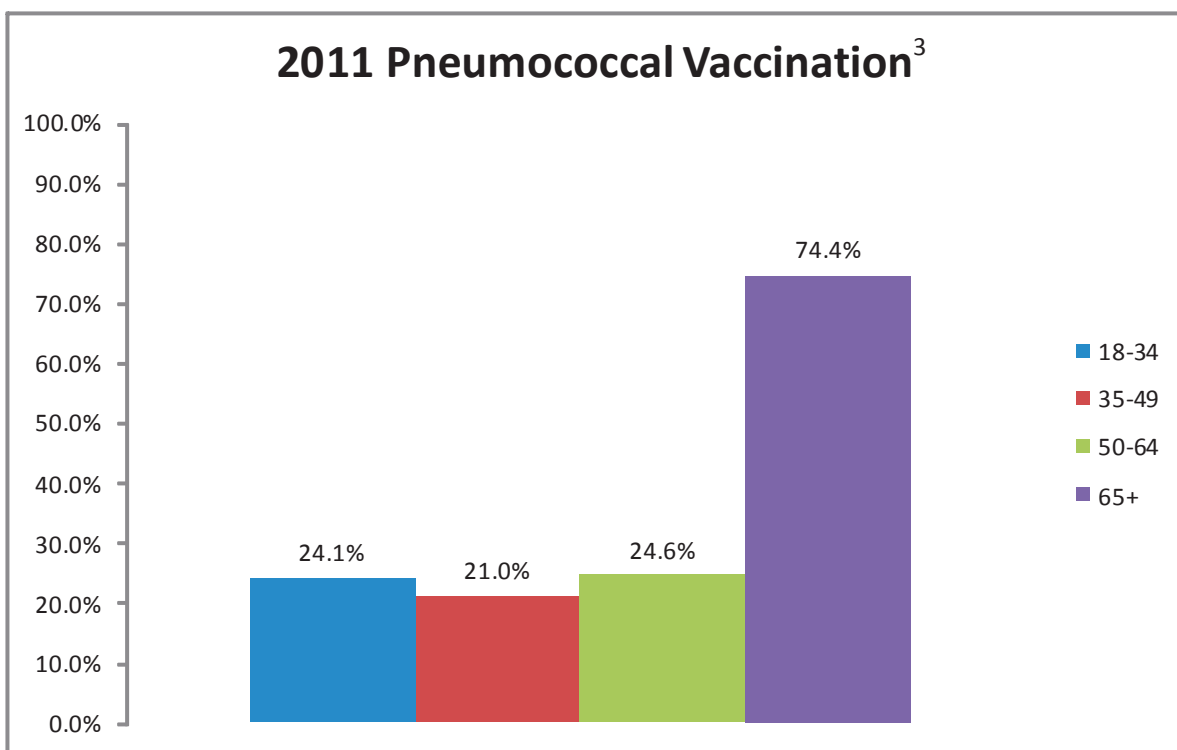
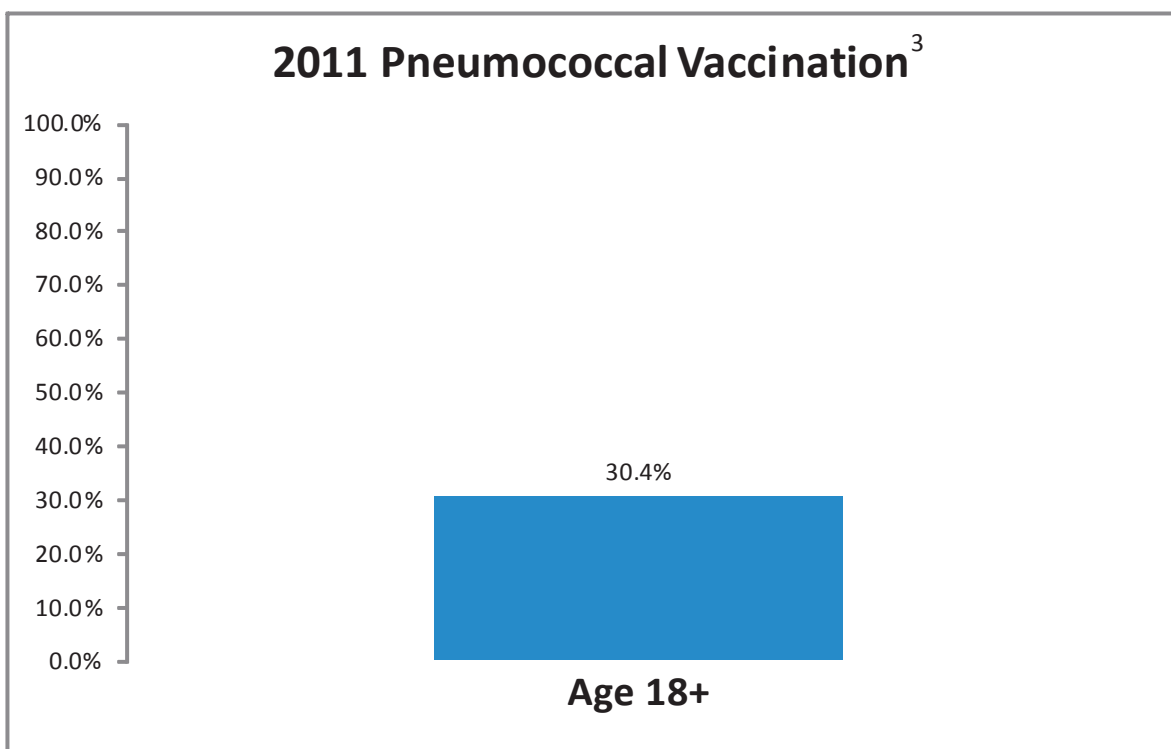
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	33992		
		Total	Percent
1 or more meningococcal vaccine		19060	56.1%

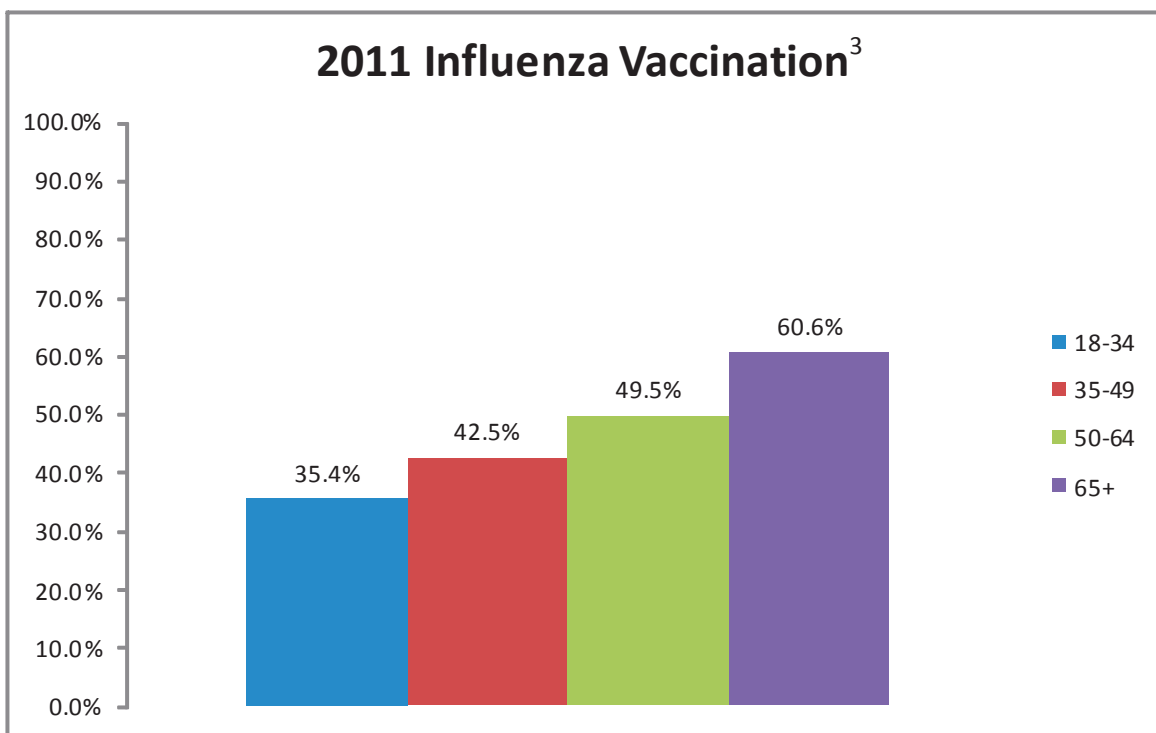
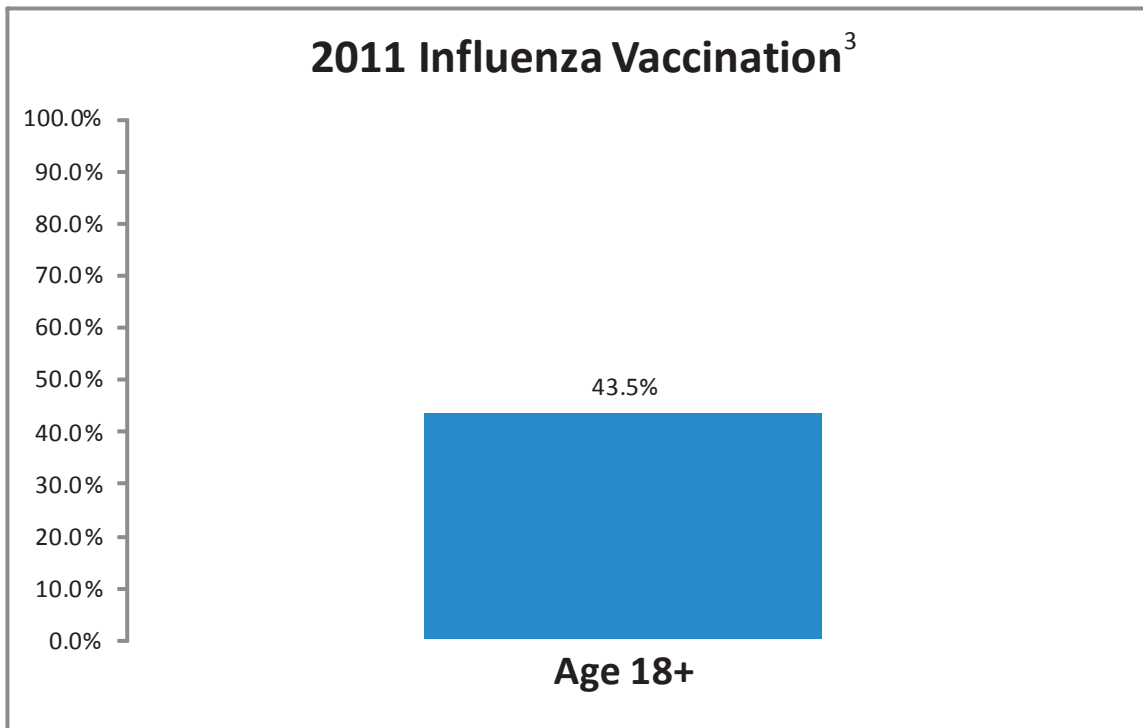
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	38990		
		Total	Percent
1 or more influenza vaccine		6780	17.4%

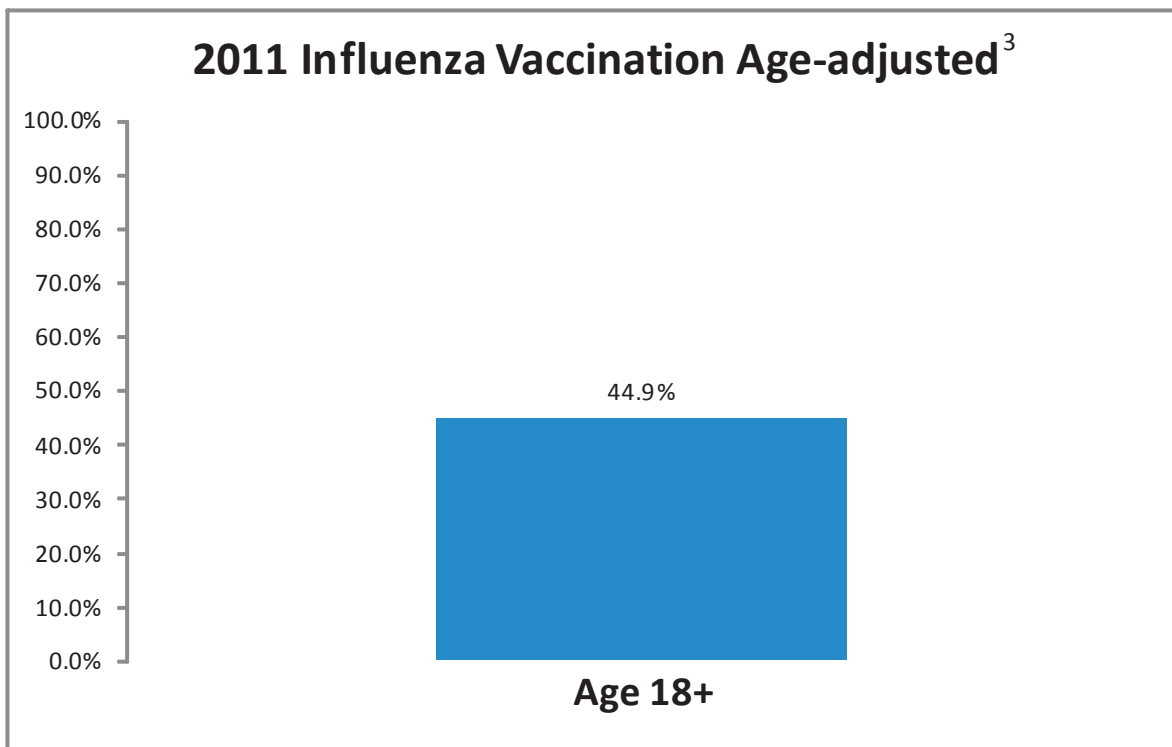
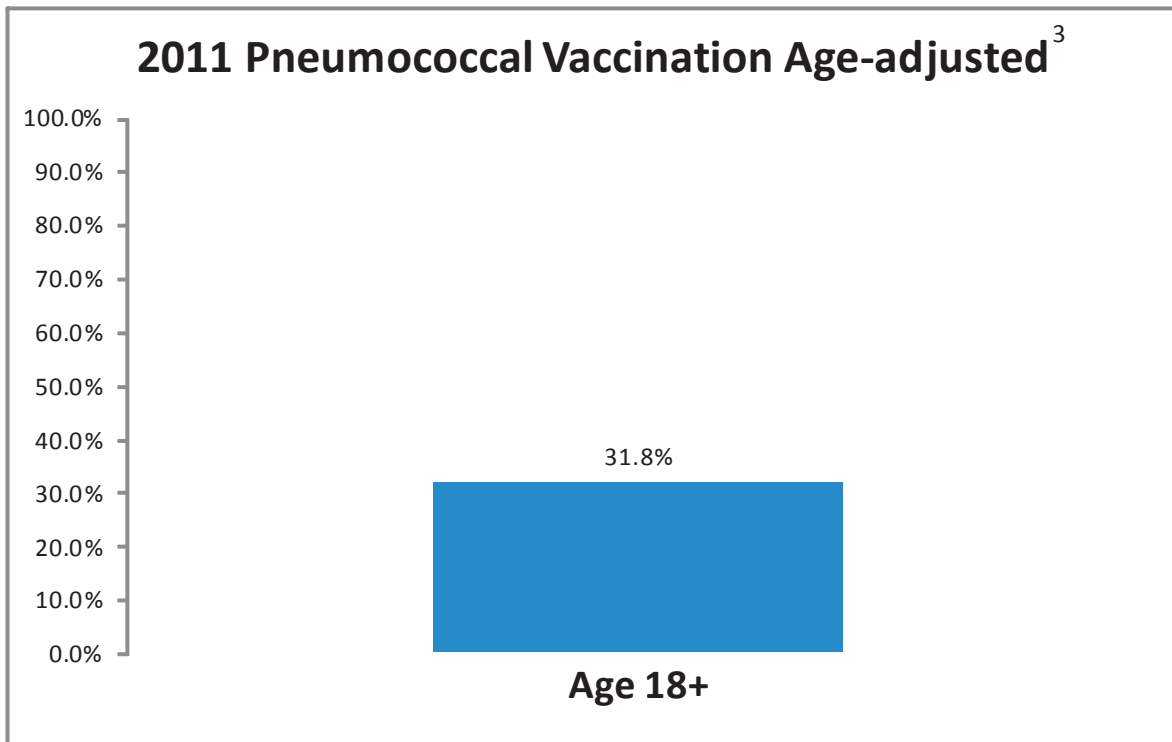
Adequately Immunized by School District 2011 <sup>6</sup>		
Davis School District		
Davis	Adequately Immunized	Total Exemptions
Kindergarten School Entry	93.9%	3.0%
Second-Dose Measles (K-12)	97.1%	2.6%
7th Grade Entry	94.1%	3.1%

Immunized for Child Care 2011 <sup>6</sup>		
Davis	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	95.1%	1.6%
Head Start Centers	88.7%	1.3%











24-35 Months of Age <sup>6</sup>		
Children in USIIS born between 06/30/2009 and 06/30/2010		
Total	19446	
	Total	Percent
3 or more DTaP	17298	89.0%
4 or more DTaP	16622	85.5%
3 or more Polio	7948	40.9%
1 or more MMR	15335	78.9%
3 or more Hib	4485	23.1%
1 or more Hib	4485	23.1%
3 or more HepB	15939	82.0%
HepB birth dose	16232	83.5%
1 or more Varicella	15119	77.7%
3 or more PCV	15765	81.1%
4 or more PCV	13674	70.3%
2 or more HepA	11262	57.9%
1 or more Rotavirus	13674	70.3%
4:3:1	7106	36.5%
4:3:1:3	4162	21.4%
4:3:1:4	6392	32.9%
4:3:1:3:3	4133	21.3%
4:3:1:0:3:1	0	0.0%
4:3:1:3:3:1	4106	21.1%
4:3:1:4:3:1	6280	32.3%
4:3:1:0:3:1:4	6280	32.3%
4:3:1:3:3:1:4	0	0.0%

≤ 3 Months of Age <sup>6</sup>		
Children in USIIS born between 03/30/2012 and 06/30/2012		
Total	4310	
	Total	Percent
1 or more DTaP	2898	67.2%
1 or more Polio	1485	34.5%
1 or more Hib	1349	31.3%
1 or more HepB	4257	98.8%
2 or more HepB	2735	63.5%
1 or more PCV	2855	66.2%

≤ 5 Months of Age <sup>6</sup>		
Children in USIIS born between 01/30/2012 and 06/30/2012		
Total	7145	
	Total	Percent
2 or more DTaP	5193	72.7%
2 or more Polio	2532	35.4%
2 or more Hib	864	12.1%
2 or more HepB	4948	69.3%
2 or more PCV	2464	34.5%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>18765</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		14085	75.1%
<b>2 or more Polio</b>		6444	34.3%
<b>1 or more MMR</b>		1343	7.2%
<b>2 or more Hib</b>		3622	19.3%
<b>3 or more Hib</b>		1708	9.1%
<b>1 or more Hib</b>		6112	32.6%
<b>2 or more HepB</b>		13646	72.7%
<b>3 or more HepB</b>		10284	54.8%
<b>1 or more Varicella</b>		1134	6.0%
<b>3 or more PCV</b>		7756	41.3%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>27923</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		23267	83.3%
<b>4 or more DTaP</b>		19453	69.7%
<b>3 or more Polio</b>		10137	36.3%
<b>1 or more MMR</b>		8474	30.3%
<b>3 or more Hib</b>		3944	14.1%
<b>1 or more Hib</b>		3944	14.1%
<b>3 or more HepB</b>		18622	66.7%
<b>1 or more Varicella</b>		7830	28.0%
<b>3 or more PCV</b>		16017	57.4%
<b>4:3:1</b>		3476	12.4%
<b>4:3:1:3</b>		2102	7.5%
<b>4:3:1:4</b>		2390	8.6%
<b>4:3:1:3:3</b>		2098	7.5%
<b>4:3:1:0:3</b>		3471	12.4%
<b>4:3:1:4:3</b>		917	3.3%
<b>4:3:1:3:3:1</b>		3283	11.8%
<b>4:3:1:0:3:1</b>		3283	11.8%
<b>4:3:1:4:3:1</b>		3283	11.8%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>35857</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		30278	84.4%
<b>4 or more DTaP</b>		26168	73.0%
<b>3 or more Polio</b>		13126	36.6%
<b>1 or more MMR</b>		14531	40.5%
<b>3 or more Hib</b>		5707	15.9%
<b>1 or more Hib</b>		5707	15.9%
<b>3 or more HepB</b>		25040	69.8%
<b>1 or more Varicella</b>		13770	38.4%
<b>3 or more PCV</b>		22439	62.6%
<b>4 or more PCV</b>		11843	33.0%
<b>4:3:1</b>		6081	17.0%
<b>4:3:1:3</b>		3693	10.3%
<b>4:3:1:4</b>		4729	13.2%
<b>4:3:1:3:3</b>		3683	10.3%
<b>4:3:1:0:3</b>		6066	16.9%
<b>4:3:1:4:3</b>		1840	5.1%
<b>4:3:1:3:3:1</b>		5822	16.2%
<b>4:3:1:0:3:1</b>		5822	16.2%
<b>4:3:1:4:3:1</b>		1816	5.1%



12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	132382		
		Total	Percent
1 HPV		22454	17.0%
2 HPV		14656	11.1%
3 HPV		9719	7.3%

12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	132383		
		Total	Percent
1 or more meningococcal vaccine		93744	70.8%

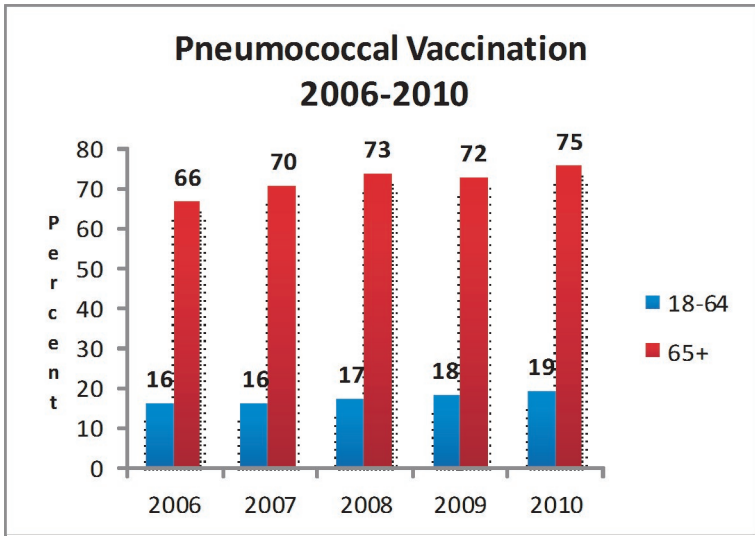
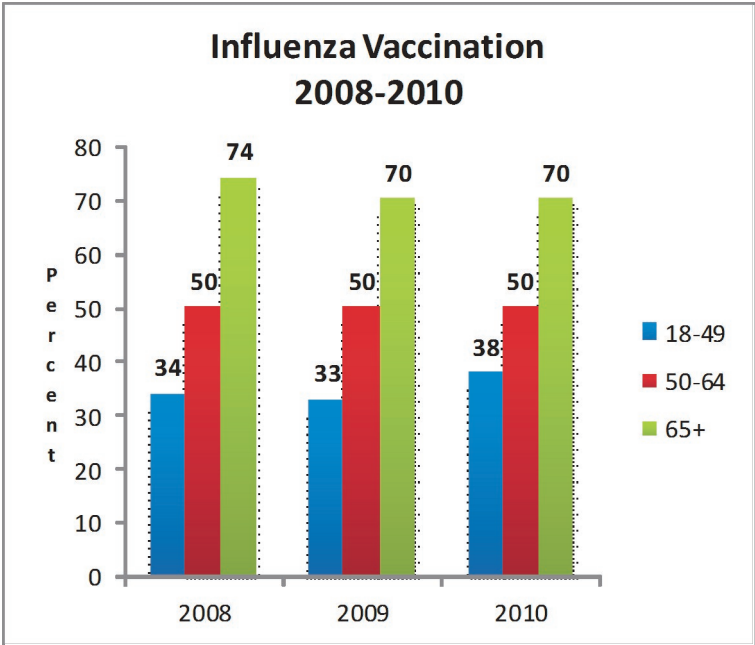
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	151582		
		Total	Percent
1 or more influenza vaccine		30521	20.1%

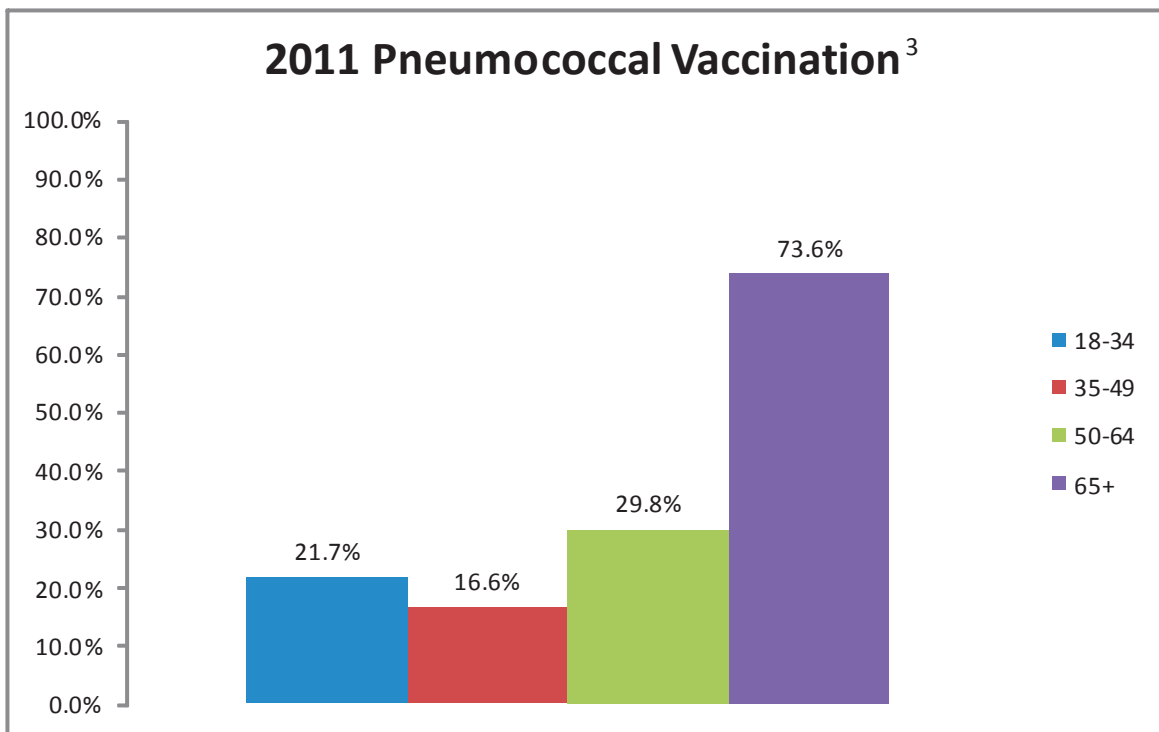
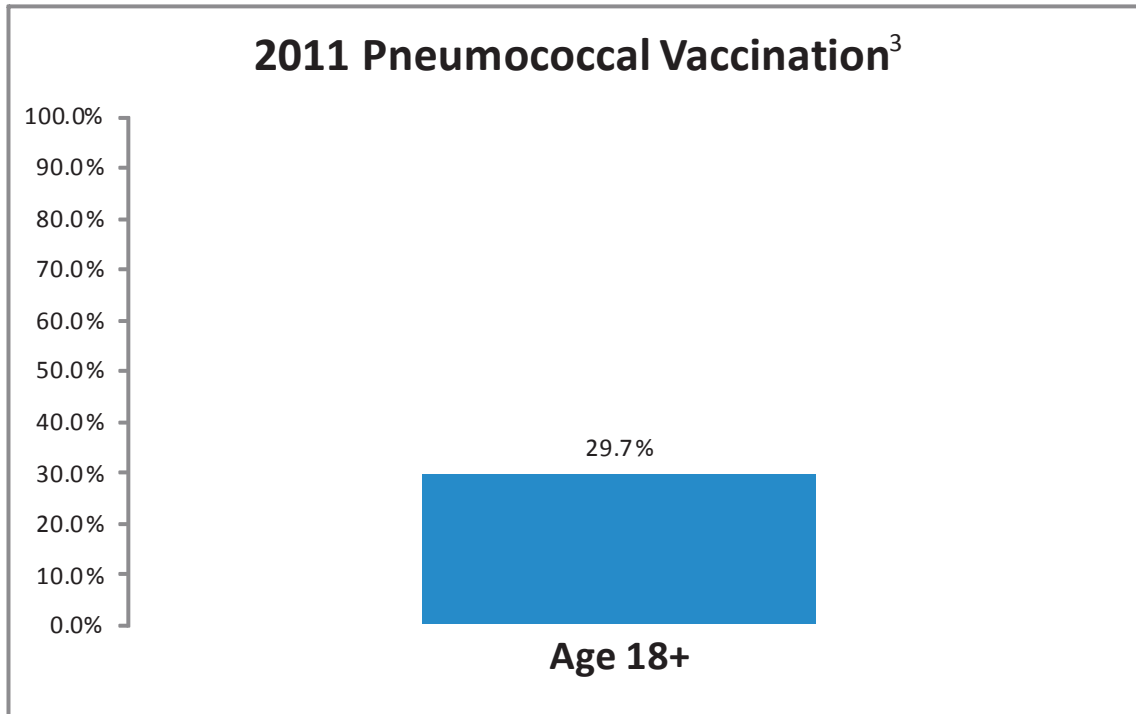
**Adequately Immunized by School District 2011<sup>6</sup>**

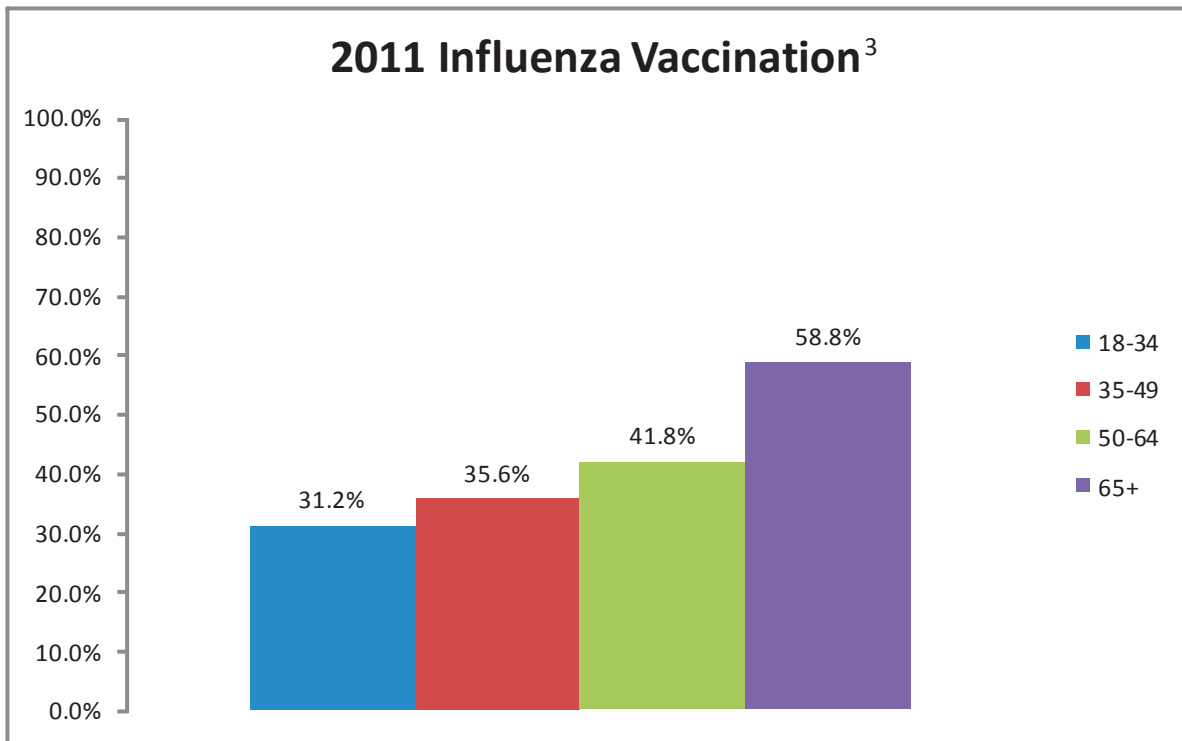
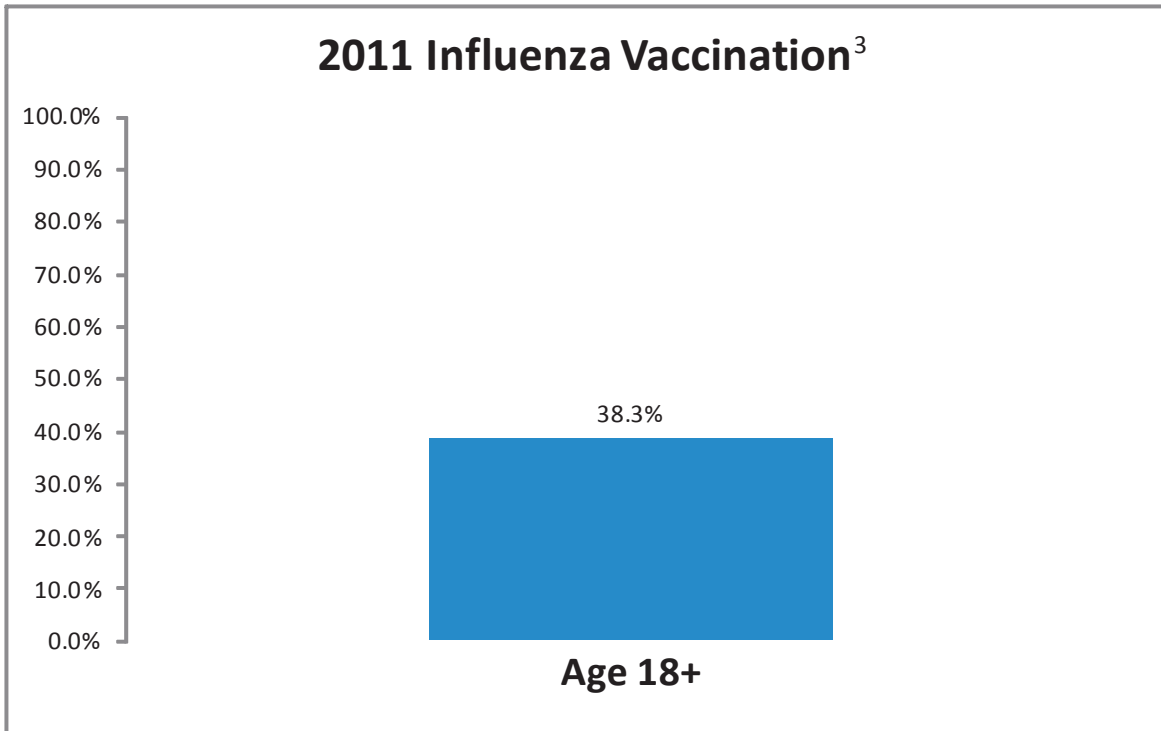
Salt Lake	Canyons		Granite		Jordan		Murray		Salt Lake	
	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp	Adeq Imm	Total Exmp
Kindergarten School Entry	92.7%	4.2%	95.0%	1.6%	90.4%	3.2%	93.1%	1.9%	92.0%	2.1%
Second-Dose Measles (K-12)	97.3%	2.6%	98.0%	1.7%	96.3%	2.8%	97.4%	2.2%	98.2%	1.1%
7th Grade Entry	97.0%	2.2%	96.7%	2.3%	94.3%	3.8%	97.9%	1.9%	90.1%	1.3%

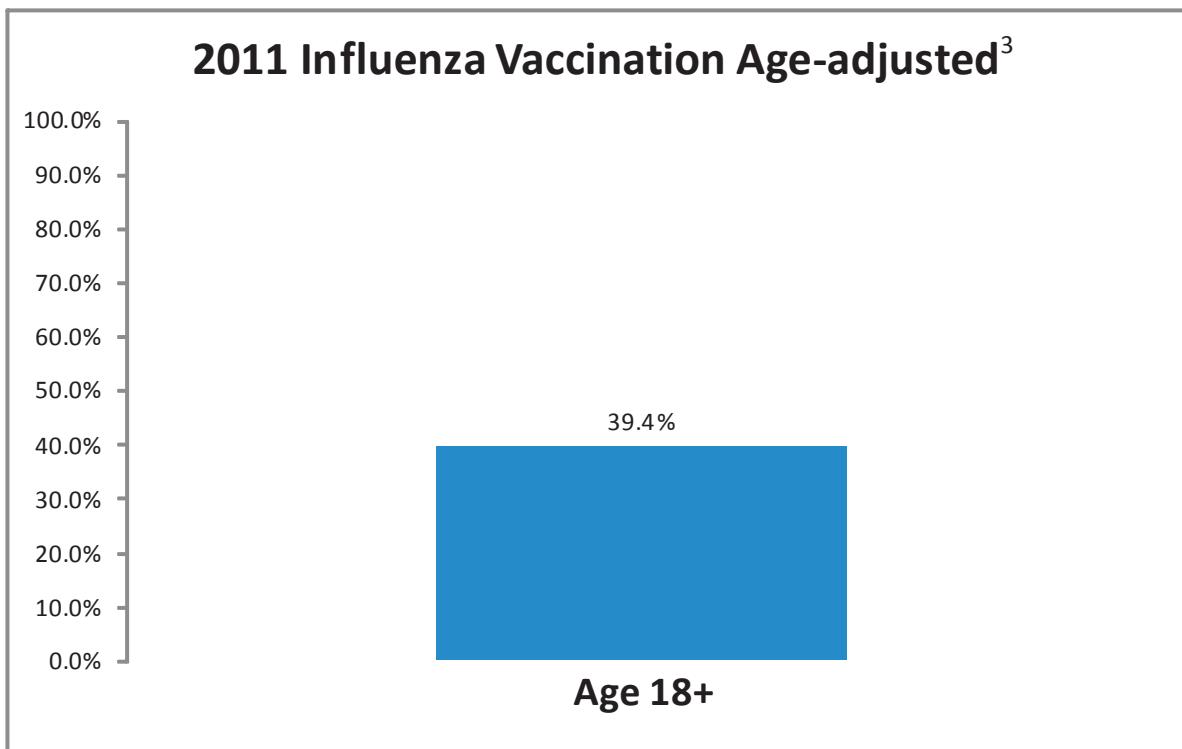
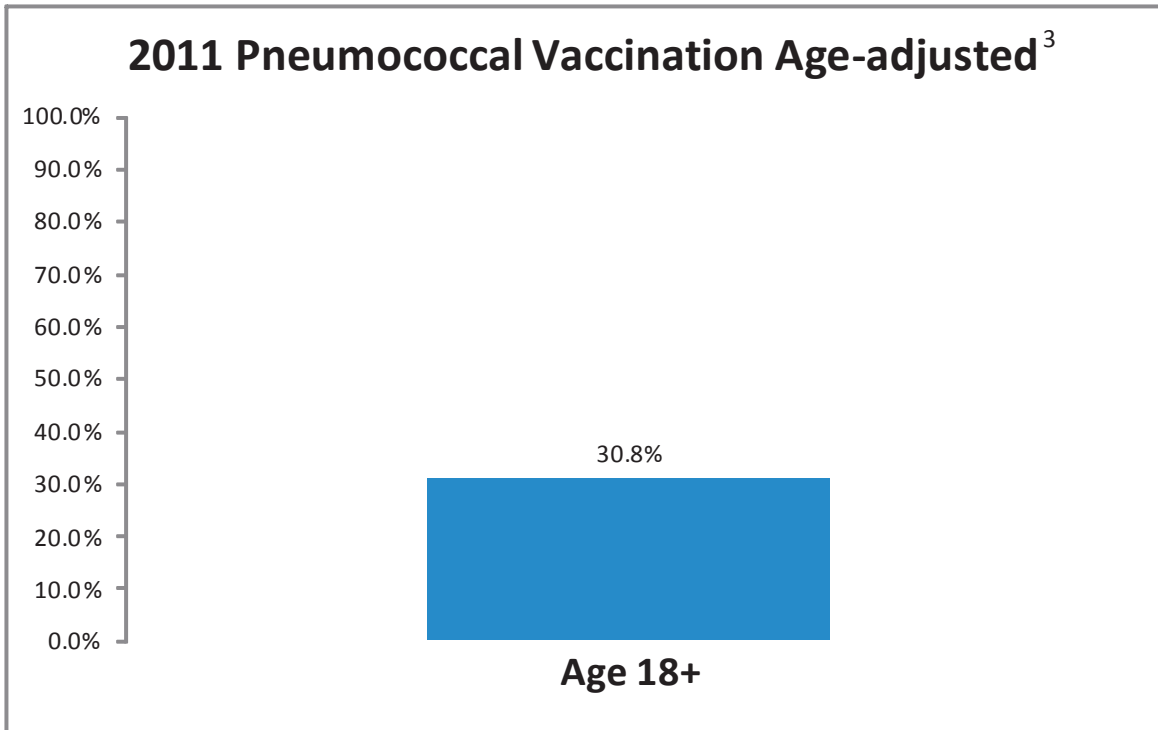
**Immunized for Child Care 2011<sup>6</sup>**

Salt Lake	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	92.7%	1.5%
Head Start Centers	97.1%	1.9%

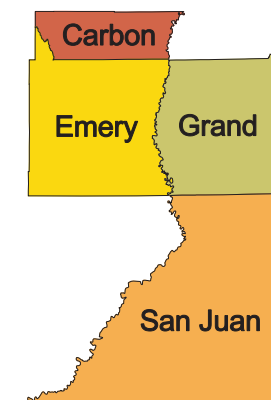








24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	839		
		Total	Percent
3 or more DTaP		586	69.8%
4 or more DTaP		522	62.2%
3 or more Polio		330	39.3%
1 or more MMR		453	54.0%
3 or more Hib		105	12.5%
1 or more Hib		105	12.5%
3 or more HepB		512	61.0%
HepB birth dose		686	81.8%
1 or more Varicella		455	54.2%
3 or more PCV		444	52.9%
4 or more PCV		316	37.7%
2 or more HepA		265	31.6%
1 or more Rotavirus		316	37.7%
4:3:1		250	29.8%
4:3:1:3		99	11.8%
4:3:1:4		186	22.2%
4:3:1:3:3		33	3.9%
4:3:1:0:3:1		0	0.0%
4:3:1:3:3:1		97	11.6%
4:3:1:4:3:1		184	21.9%
4:3:1:0:3:1:4		184	21.9%
4:3:1:3:3:1:4		0	0.0%



≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	168		
		Total	Percent
1 or more DTaP		60	35.7%
1 or more Polio		37	22.0%
1 or more Hib		37	22.0%
1 or more HepB		168	100.0%
2 or more HepB		59	35.1%
1 or more PCV		61	36.3%

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	306		
		Total	Percent
2 or more DTaP		134	43.8%
2 or more Polio		67	21.9%
2 or more Hib		9	2.9%
2 or more HepB		131	42.8%
2 or more PCV		48	15.7%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>819</b>		
	<b>Total</b>	<b>Percent</b>	
<b>3 or more DTaP</b>	411	50.2%	
<b>2 or more Polio</b>	216	26.4%	
<b>1 or more MMR</b>	24	2.9%	
<b>2 or more Hib</b>	72	8.8%	
<b>3 or more Hib</b>	18	2.2%	
<b>1 or more Hib</b>	230	28.1%	
<b>2 or more HepB</b>	395	48.2%	
<b>3 or more HepB</b>	294	35.9%	
<b>1 or more Varicella</b>	21	2.6%	
<b>3 or more PCV</b>	161	19.7%	

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>1195</b>		
	<b>Total</b>	<b>Percent</b>	
<b>3 or more DTaP</b>	682	57.1%	
<b>4 or more DTaP</b>	512	42.8%	
<b>3 or more Polio</b>	355	29.7%	
<b>1 or more MMR</b>	186	15.6%	
<b>3 or more Hib</b>	49	4.1%	
<b>1 or more Hib</b>	49	4.1%	
<b>3 or more HepB</b>	519	43.4%	
<b>1 or more Varicella</b>	175	14.6%	
<b>3 or more PCV</b>	349	29.2%	
<b>4:3:1</b>	102	8.5%	
<b>4:3:1:3</b>	31	2.6%	
<b>4:3:1:4</b>	50	4.2%	
<b>4:3:1:3:3</b>	31	2.6%	
<b>4:3:1:0:3</b>	102	8.5%	
<b>4:3:1:4:3</b>	9	0.8%	
<b>4:3:1:3:3:1</b>	96	8.0%	
<b>4:3:1:0:3:1</b>	96	8.0%	
<b>4:3:1:4:3:1</b>	96	8.0%	

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>1574</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		934	59.3%
<b>4 or more DTaP</b>		743	47.2%
<b>3 or more Polio</b>		479	30.4%
<b>1 or more MMR</b>		363	23.1%
<b>3 or more Hib</b>		77	4.9%
<b>1 or more Hib</b>		77	4.9%
<b>3 or more HepB</b>		741	47.1%
<b>1 or more Varicella</b>		348	22.1%
<b>3 or more PCV</b>		546	34.7%
<b>4 or more PCV</b>		222	14.1%
<b>4:3:1</b>		190	12.1%
<b>4:3:1:3</b>		57	3.6%
<b>4:3:1:4</b>		107	6.8%
<b>4:3:1:3:3</b>		57	3.6%
<b>4:3:1:0:3</b>		190	12.1%
<b>4:3:1:4:3</b>		19	1.2%
<b>4:3:1:3:3:1</b>		179	11.4%
<b>4:3:1:0:3:1</b>		179	11.4%
<b>4:3:1:4:3:1</b>		16	1.0%



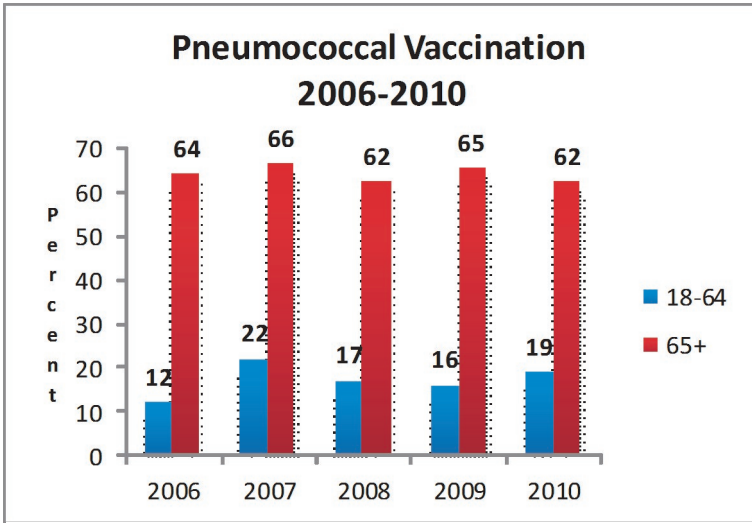
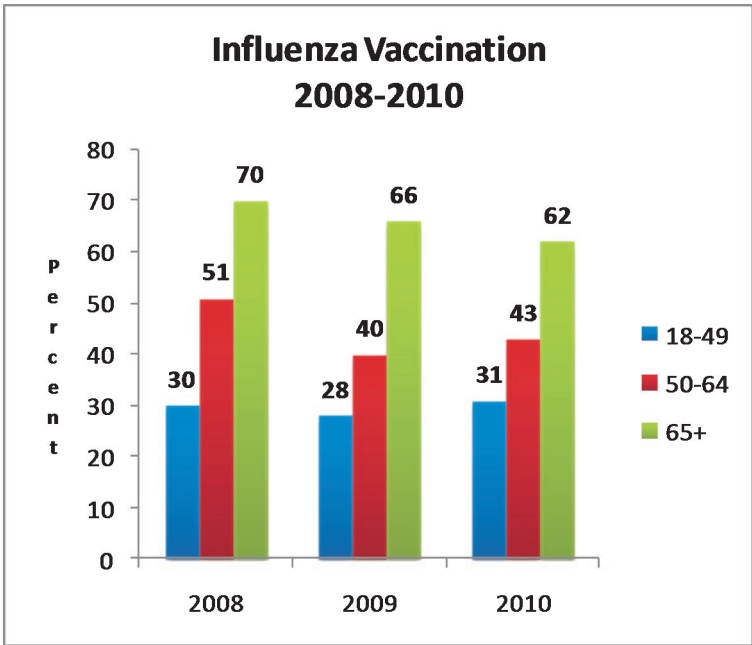
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	5768		
		Total	Percent
1 HPV		629	10.9%
2 HPV		380	6.6%
3 HPV		234	4.1%

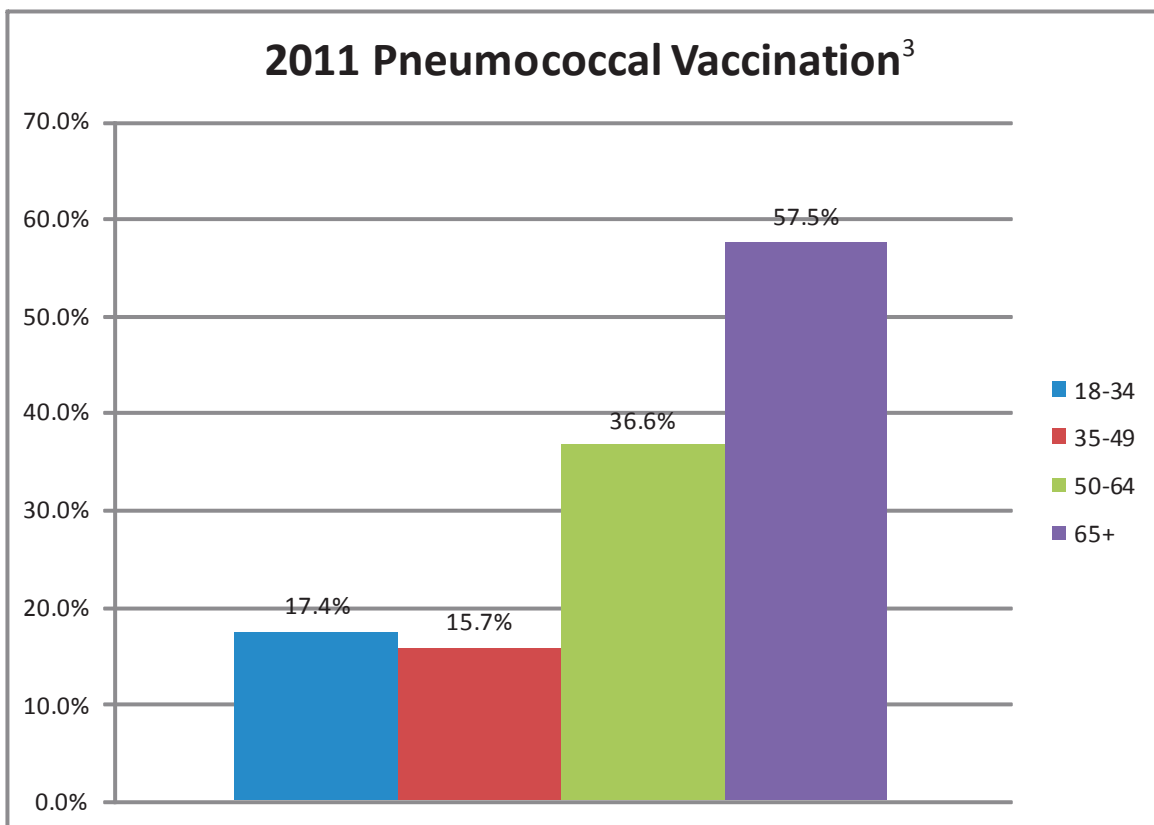
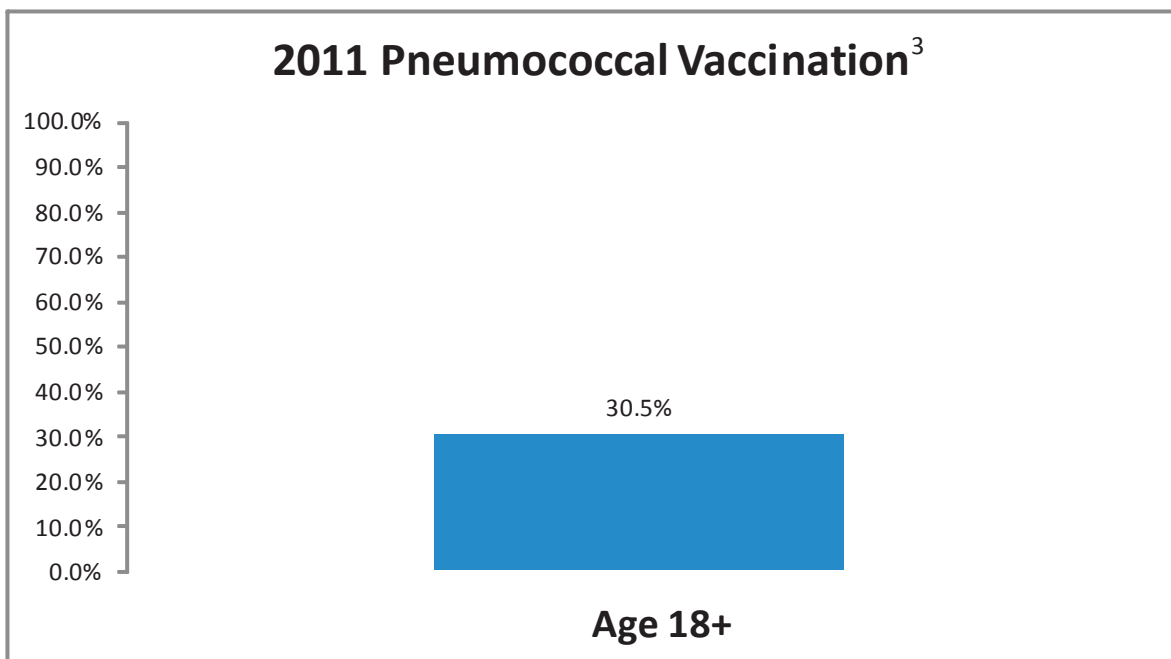
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	5768		
		Total	Percent
1 or more meningococcal vaccine		3804	66.0%

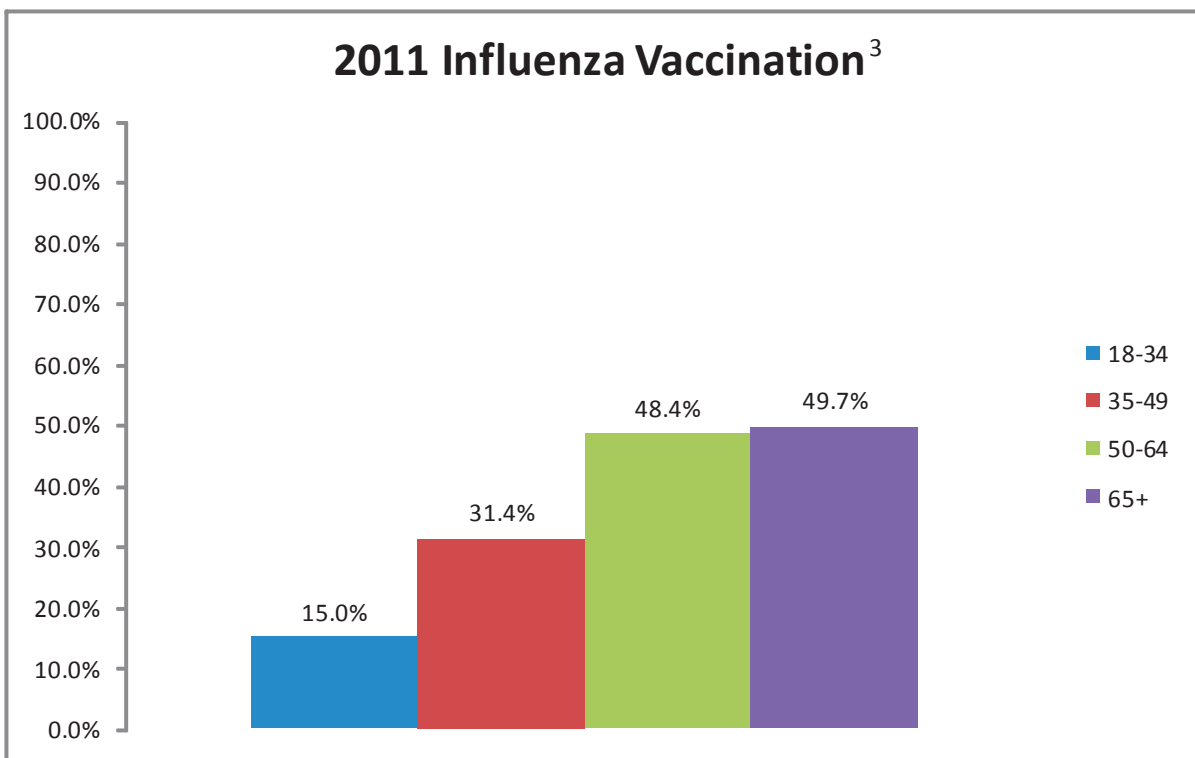
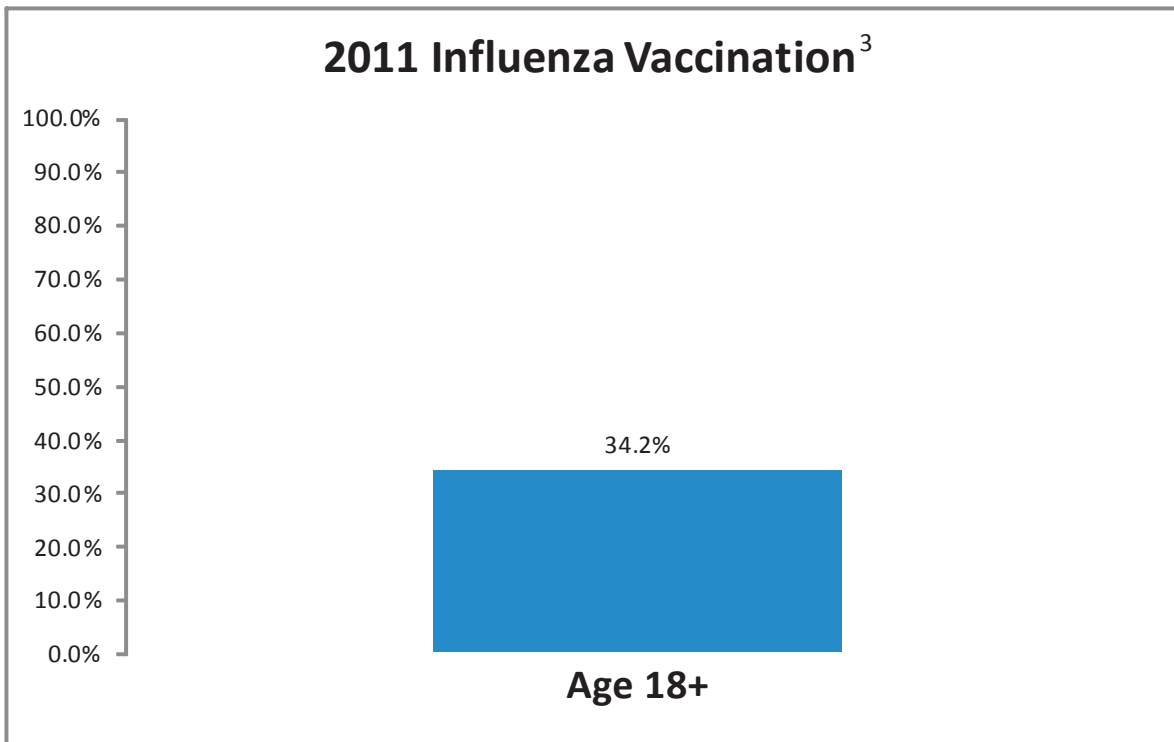
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	6463		
		Total	Percent
1 or more influenza vaccine		948	14.7%

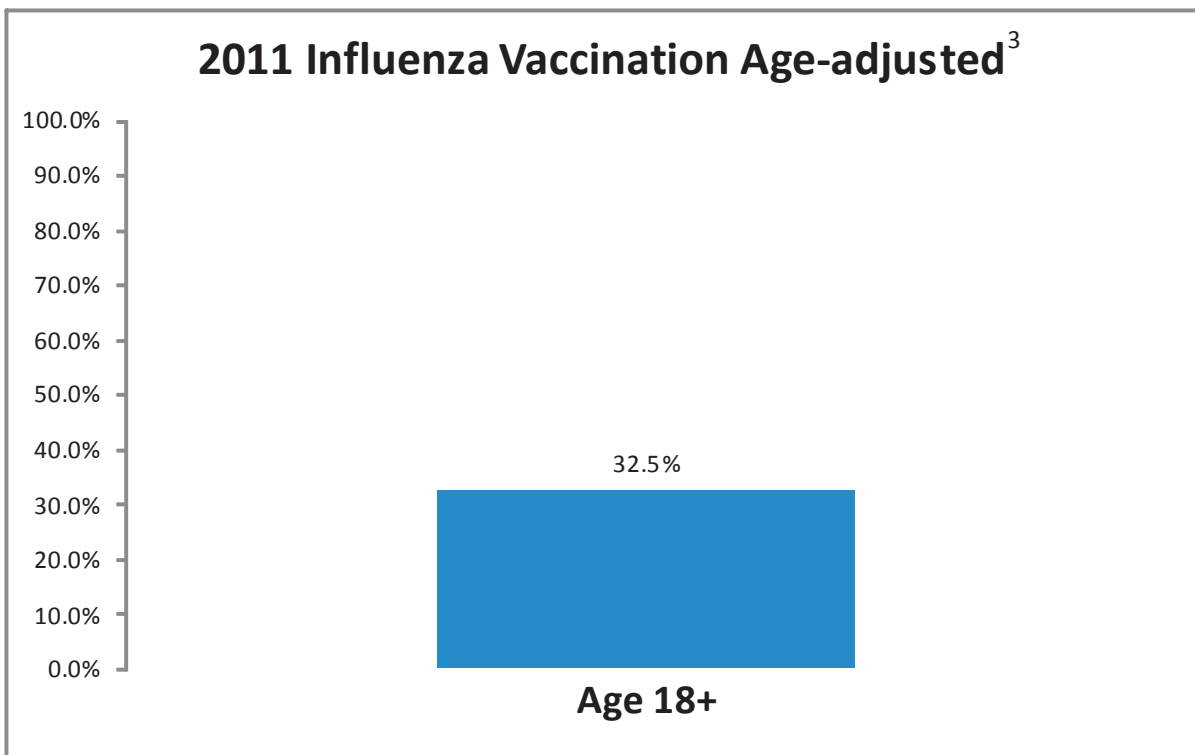
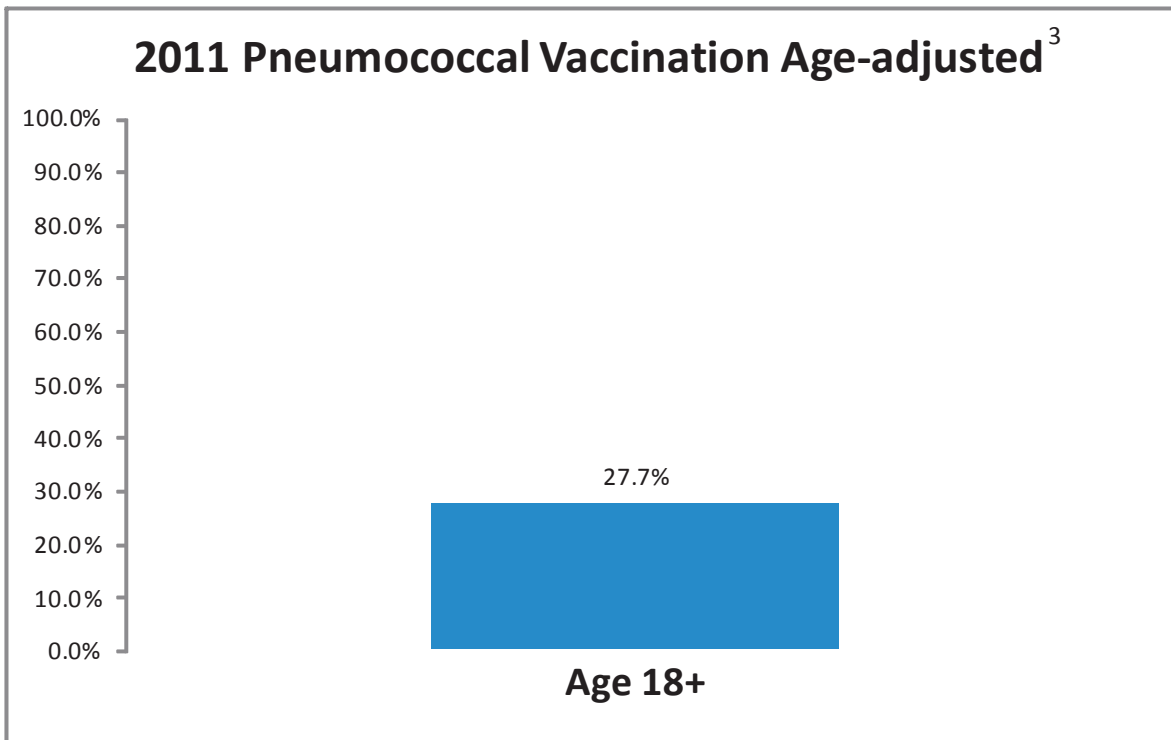
Adequately Immunized by School District 2011 <sup>6</sup>								
Southeastern	Carbon		Emery		Grand		San Juan	
	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	74.6%	1.0%	85.1%	5.1%	94.3%	3.5%	93.0%	0.4%
Second-Dose Measles (K-12)	96.5%	1.4%	96.0%	3.5%	96.9%	3.1%	96.9%	2.5%
7th Grade Entry	77.6%	4.0%	95.9%	3.5%	94.7%	5.3%	95.8%	2.5%

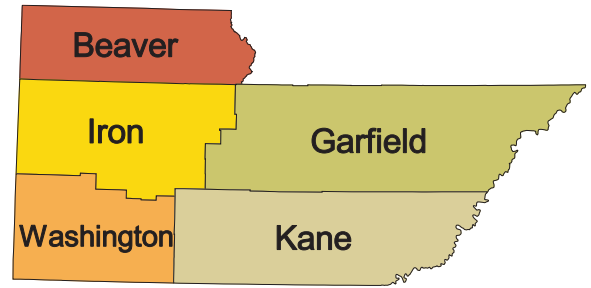
Immunized for Child Care 2011 <sup>6</sup>		
Southeastern	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	63.6%	9.1%
Head Start Centers	50.2%	1.8%











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	3287		
	Total	Percent	
3 or more DTaP	2981	90.7%	
4 or more DTaP	2841	86.4%	
3 or more Polio	1971	60.0%	
1 or more MMR	2557	77.8%	
3 or more Hib	1054	32.1%	
1 or more Hib	1054	32.1%	
3 or more HepB	2806	85.4%	
HepB birth dose	2641	80.3%	
1 or more Varicella	2537	77.2%	
3 or more PCV	2634	80.1%	
4 or more PCV	2189	66.6%	
2 or more HepA	1736	52.8%	
1 or more Rotavirus	2189	66.6%	
4:3:1	1693	51.5%	
4:3:1:3	917	27.9%	
4:3:1:4	1446	44.0%	
4:3:1:3:3	916	27.9%	
4:3:1:0:3:1	0	0.0%	
4:3:1:3:3:1	896	27.3%	
4:3:1:4:3:1	1425	43.4%	
4:3:1:0:3:1:4	1425	43.4%	
4:3:1:3:3:1:4	0	0.0%	

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	688		
	Total	Percent	
1 or more DTaP	476	69.2%	
1 or more Polio	325	47.2%	
1 or more Hib	318	46.2%	
1 or more HepB	680	98.8%	
2 or more HepB	440	64.0%	
1 or more PCV	463	67.3%	

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	1141		
	Total	Percent	
2 or more DTaP	853	74.8%	
2 or more Polio	565	49.5%	
2 or more Hib	217	19.0%	
2 or more HepB	807	70.7%	
2 or more PCV	378	33.1%	

USIIS data queries are performed beginning June 29, 2012 and ending August 31, 2012. Most data are represented in 2011. USIIS data is the most current because of querying methods in 2012. Please read results of USIIS with caution. Local Health Departments vary because of the number of users who enter data into USIIS.

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>2979</b>		
	<b>Total</b>	<b>Percent</b>	
<b>3 or more DTaP</b>	2330	78.2%	
<b>2 or more Polio</b>	1446	48.5%	
<b>1 or more MMR</b>	183	6.1%	
<b>2 or more Hib</b>	949	31.9%	
<b>3 or more Hib</b>	275	9.2%	
<b>1 or more Hib</b>	1454	48.8%	
<b>2 or more HepB</b>	2223	74.6%	
<b>3 or more HepB</b>	1881	63.1%	
<b>1 or more Varicella</b>	180	6.0%	
<b>3 or more PCV</b>	1163	39.0%	

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>4500</b>		
	<b>Total</b>	<b>Percent</b>	
<b>3 or more DTaP</b>	3854	85.6%	
<b>4 or more DTaP</b>	3168	70.4%	
<b>3 or more Polio</b>	2386	53.0%	
<b>1 or more MMR</b>	1244	27.6%	
<b>3 or more Hib</b>	859	19.1%	
<b>1 or more Hib</b>	859	19.1%	
<b>3 or more HepB</b>	3279	72.9%	
<b>1 or more Varicella</b>	1270	28.2%	
<b>3 or more PCV</b>	2466	54.8%	
<b>4:3:1</b>	781	17.4%	
<b>4:3:1:3</b>	544	12.1%	
<b>4:3:1:4</b>	592	13.2%	
<b>4:3:1:3:3</b>	543	12.1%	
<b>4:3:1:0:3</b>	780	17.3%	
<b>4:3:1:4:3</b>	167	3.7%	
<b>4:3:1:3:3:1</b>	766	17.0%	
<b>4:3:1:0:3:1</b>	766	17.0%	
<b>4:3:1:4:3:1</b>	766	17.0%	

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>5925</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		5143	86.8%
<b>4 or more DTaP</b>		4379	73.9%
<b>3 or more Polio</b>		3193	53.9%
<b>1 or more MMR</b>		2313	39.0%
<b>3 or more Hib</b>		1384	23.4%
<b>1 or more Hib</b>		1384	23.4%
<b>3 or more HepB</b>		4483	75.7%
<b>1 or more Varicella</b>		2339	39.5%
<b>3 or more PCV</b>		3595	60.7%
<b>4 or more PCV</b>		1949	32.9%
<b>4:3:1</b>		1446	24.4%
<b>4:3:1:3</b>		1009	17.0%
<b>4:3:1:4</b>		1152	19.4%
<b>4:3:1:3:3</b>		1008	17.0%
<b>4:3:1:0:3</b>		1445	24.4%
<b>4:3:1:4:3</b>		372	6.3%
<b>4:3:1:3:3:1</b>		1415	23.9%
<b>4:3:1:0:3:1</b>		1415	23.9%
<b>4:3:1:4:3:1</b>		366	6.2%



**Southwest Child and Adult Immunization**

12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
<b>Total</b>	<b>21767</b>		
		<b>Total</b>	<b>Percent</b>
1 HPV		2343	10.8%
2 HPV		1469	6.7%
3 HPV		908	4.2%

12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
<b>Total</b>	<b>21767</b>		
		<b>Total</b>	<b>Percent</b>
1 or more meningococcal vaccine		12933	59.4%

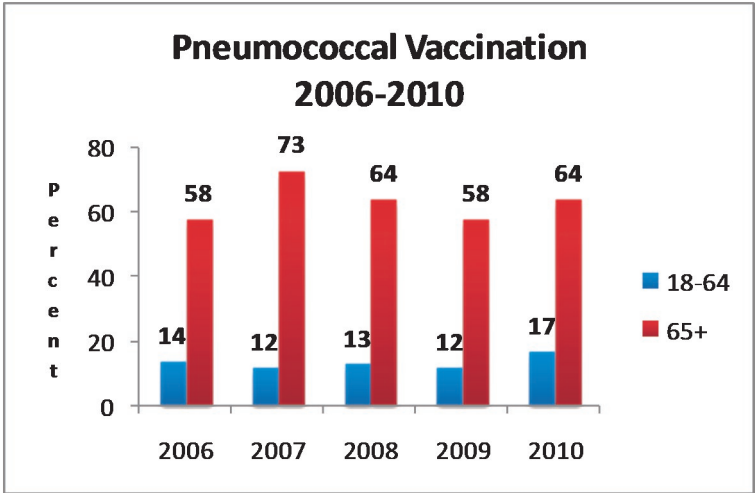
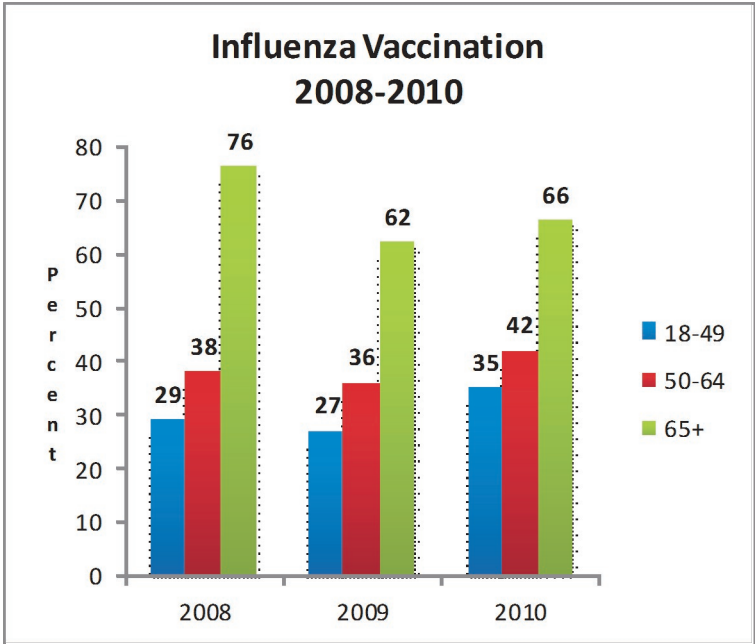
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
<b>Total</b>	<b>24908</b>		
		<b>Total</b>	<b>Percent</b>
1 or more influenza vaccine		2534	10.2%

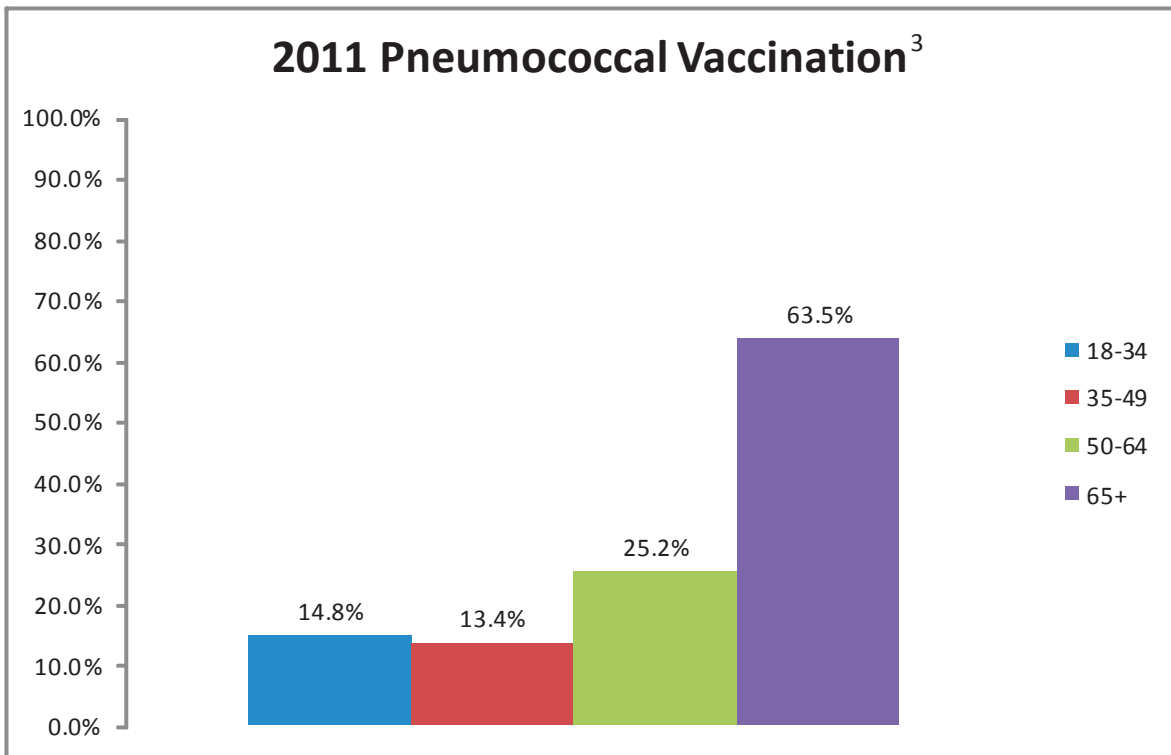
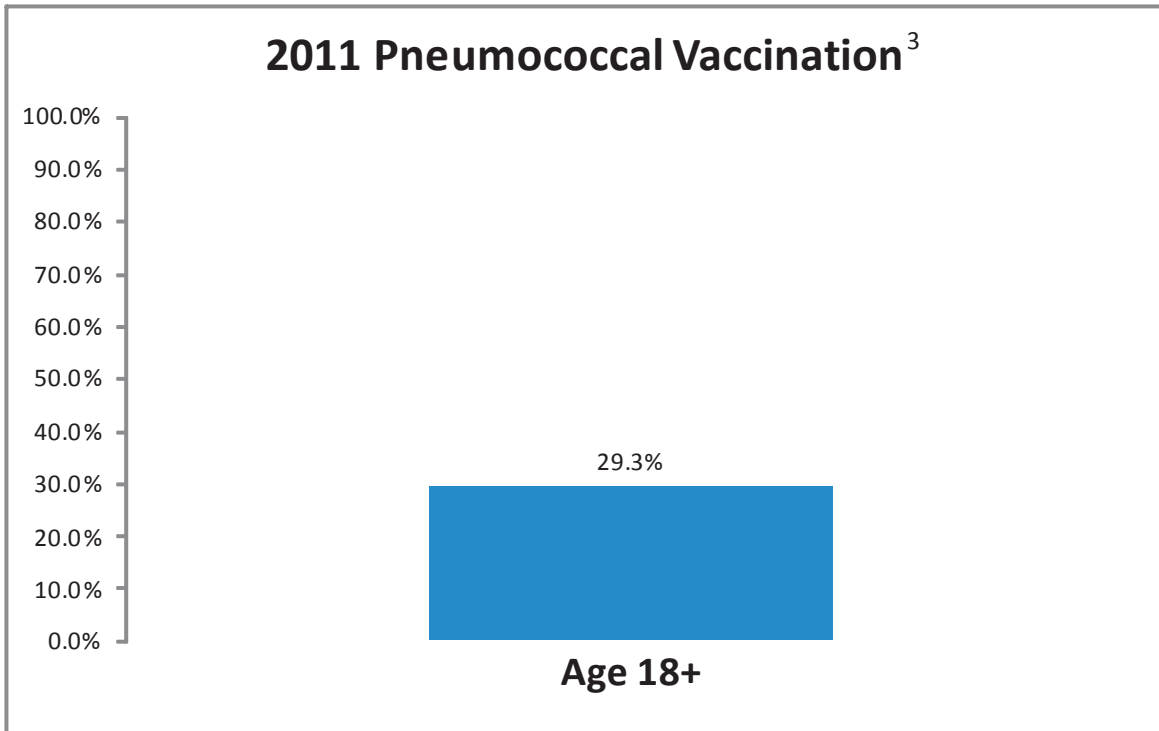
**Adequately Immunized by School District 2011<sup>6</sup>**

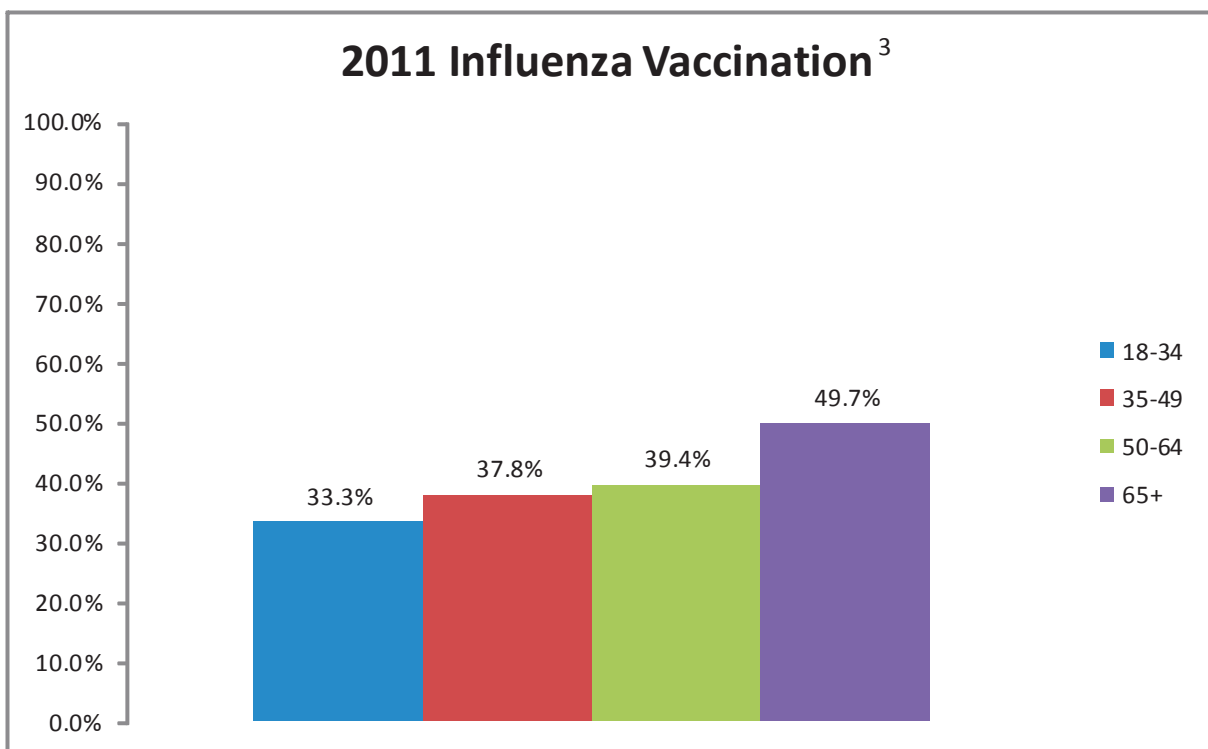
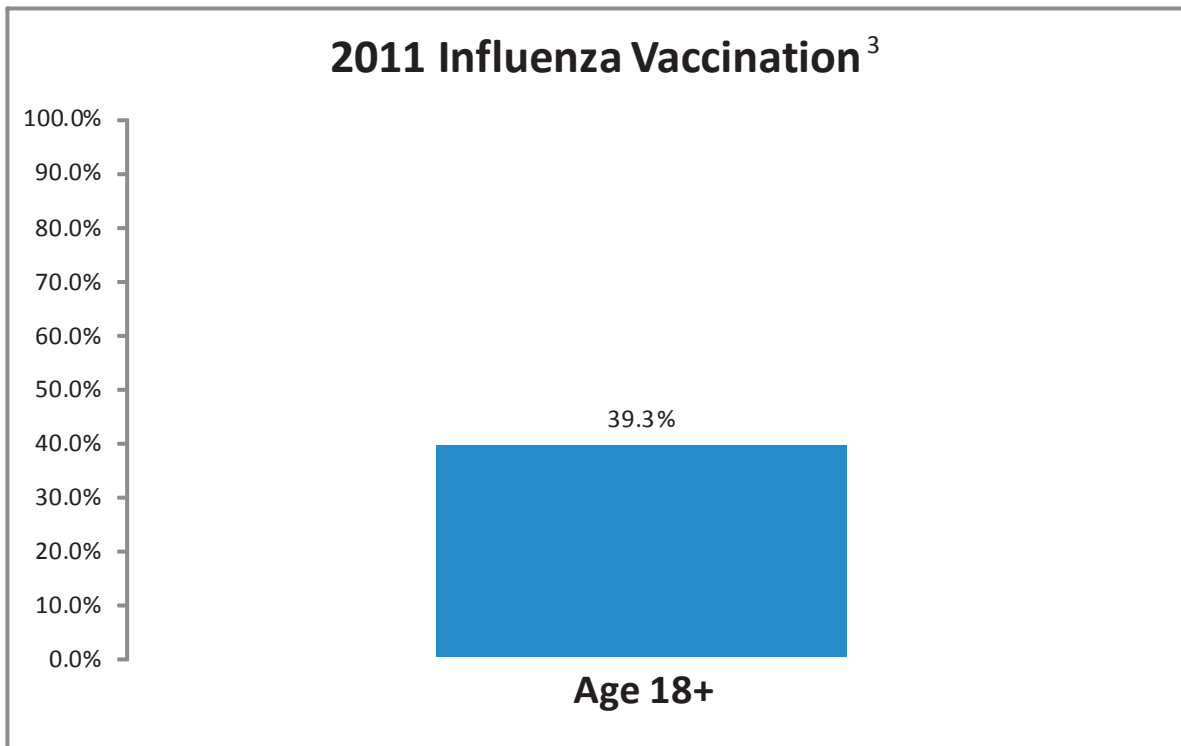
Southwest	Beaver		Garfield		Iron		Kane		Washington	
	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp	Adequate Immune	Total Exmp
Kindergarten School Entry	93.6%	2.8%	81.3%	9.3%	88.2%	4.3%	79.8%	13.8%	87.6%	5.7%
Second-Dose Measles (K-12)	99.2%	0.6%	98.1%	1.6%	95.6%	4.2%	93.8%	5.4%	94.8%	4.4%
7th Grade Entry	97.4%	0.9%	98.7%	1.3%	94.7%	3.2%	91.3%	7.6%	94.5%	4.8%

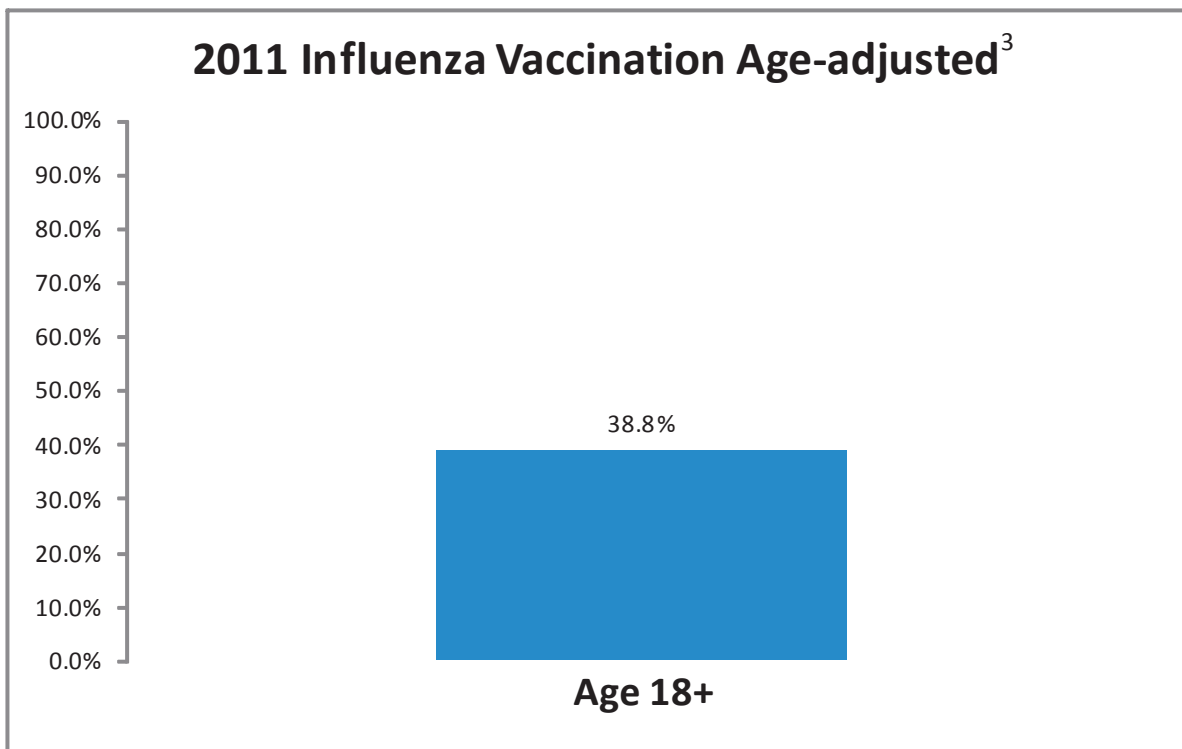
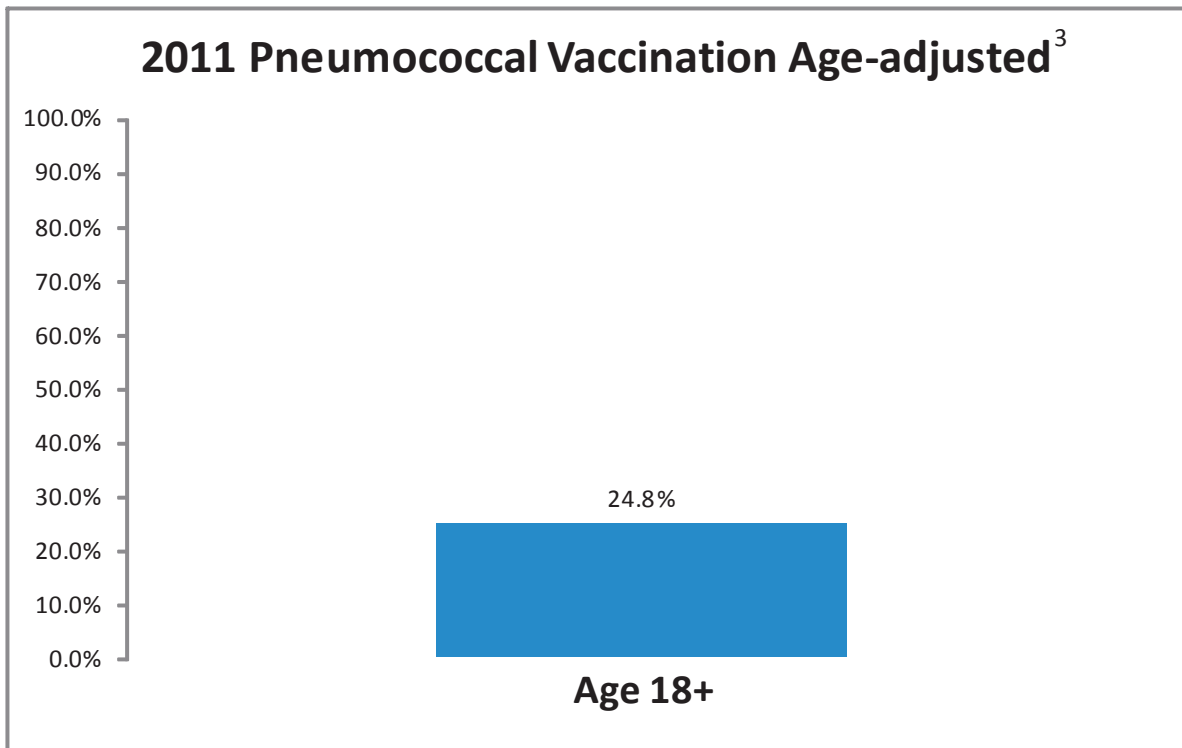
**Immunized for Child Care 2011<sup>6</sup>**

Southwest	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	73.5%	1.8%
Head Start Centers	93.0%	3.0%











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	353		
		Total	Percent
3 or more DTaP		296	83.9%
4 or more DTaP		280	79.3%
3 or more Polio		69	19.5%
1 or more MMR		259	73.4%
3 or more Hib		49	13.9%
1 or more Hib		49	13.9%
3 or more HepB		253	71.7%
HepB birth dose		286	81.0%
1 or more Varicella		254	72.0%
3 or more PCV		269	76.2%
4 or more PCV		235	66.6%
2 or more HepA		188	53.3%
1 or more Rotavirus		235	66.6%
4:3:1		62	17.6%
4:3:1:3		40	11.3%
4:3:1:4		54	15.3%
4:3:1:3:3		37	10.5%
4:3:1:0:3:1		0	0.0%
4:3:1:3:3:1		35	9.9%
4:3:1:4:3:1		47	13.3%
4:3:1:0:3:1:4		47	13.3%
4:3:1:3:3:1:4		0	0.0%

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	82		
		Total	Percent
1 or more DTaP		52	63.4%
1 or more Polio		16	19.5%
1 or more Hib		14	17.1%
1 or more HepB		80	97.6%
2 or more HepB		45	54.9%
1 or more PCV		56	68.3%

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	127		
		Total	Percent
2 or more DTaP		81	63.8%
2 or more Polio		14	11.0%
2 or more Hib		2	1.6%
2 or more HepB		74	58.3%
2 or more PCV		37	29.1%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>316</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		215	68.0%
<b>2 or more Polio</b>		38	12.0%
<b>1 or more MMR</b>		19	6.0%
<b>2 or more Hib</b>		17	5.4%
<b>3 or more Hib</b>		6	1.9%
<b>1 or more Hib</b>		46	14.6%
<b>2 or more HepB</b>		203	64.2%
<b>3 or more HepB</b>		120	38.0%
<b>1 or more Varicella</b>		5	1.6%
<b>3 or more PCV</b>		114	36.1%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>473</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		372	78.6%
<b>4 or more DTaP</b>		309	65.3%
<b>3 or more Polio</b>		59	12.5%
<b>1 or more MMR</b>		124	26.2%
<b>3 or more Hib</b>		15	3.2%
<b>1 or more Hib</b>		15	3.2%
<b>3 or more HepB</b>		255	53.9%
<b>1 or more Varicella</b>		85	18.0%
<b>3 or more PCV</b>		256	54.1%
<b>4:3:1</b>		23	4.9%
<b>4:3:1:3</b>		9	1.9%
<b>4:3:1:4</b>		20	4.2%
<b>4:3:1:3:3</b>		9	1.9%
<b>4:3:1:0:3</b>		23	4.9%
<b>4:3:1:4:3</b>		4	0.8%
<b>4:3:1:3:3:1</b>		18	3.8%
<b>4:3:1:0:3:1</b>		18	3.8%
<b>4:3:1:4:3:1</b>		18	3.8%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>602</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		478	79.4%
<b>4 or more DTaP</b>		410	68.1%
<b>3 or more Polio</b>		77	12.8%
<b>1 or more MMR</b>		215	35.7%
<b>3 or more Hib</b>		26	4.3%
<b>1 or more Hib</b>		26	4.3%
<b>3 or more HepB</b>		345	57.3%
<b>1 or more Varicella</b>		165	27.4%
<b>3 or more PCV</b>		352	58.5%
<b>4 or more PCV</b>		204	33.9%
<b>4:3:1</b>		39	6.5%
<b>4:3:1:3</b>		14	2.3%
<b>4:3:1:4</b>		32	5.3%
<b>4:3:1:3:3</b>		13	2.2%
<b>4:3:1:0:3</b>		38	6.3%
<b>4:3:1:4:3</b>		7	1.2%
<b>4:3:1:3:3:1</b>		29	4.8%
<b>4:3:1:0:3:1</b>		29	4.8%
<b>4:3:1:4:3:1</b>		7	1.2%



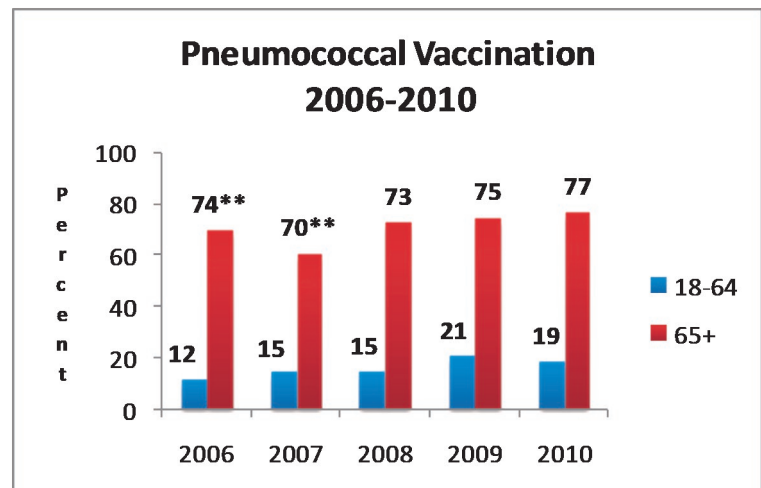
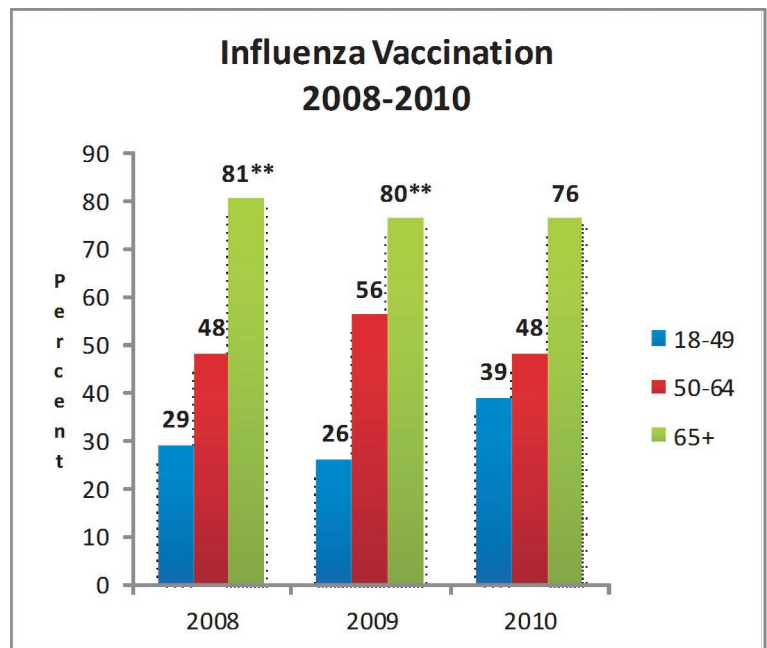
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	2368		
		Total	Percent
1 HPV		245	10.3%
2 HPV		161	6.8%
3 HPV		110	4.6%

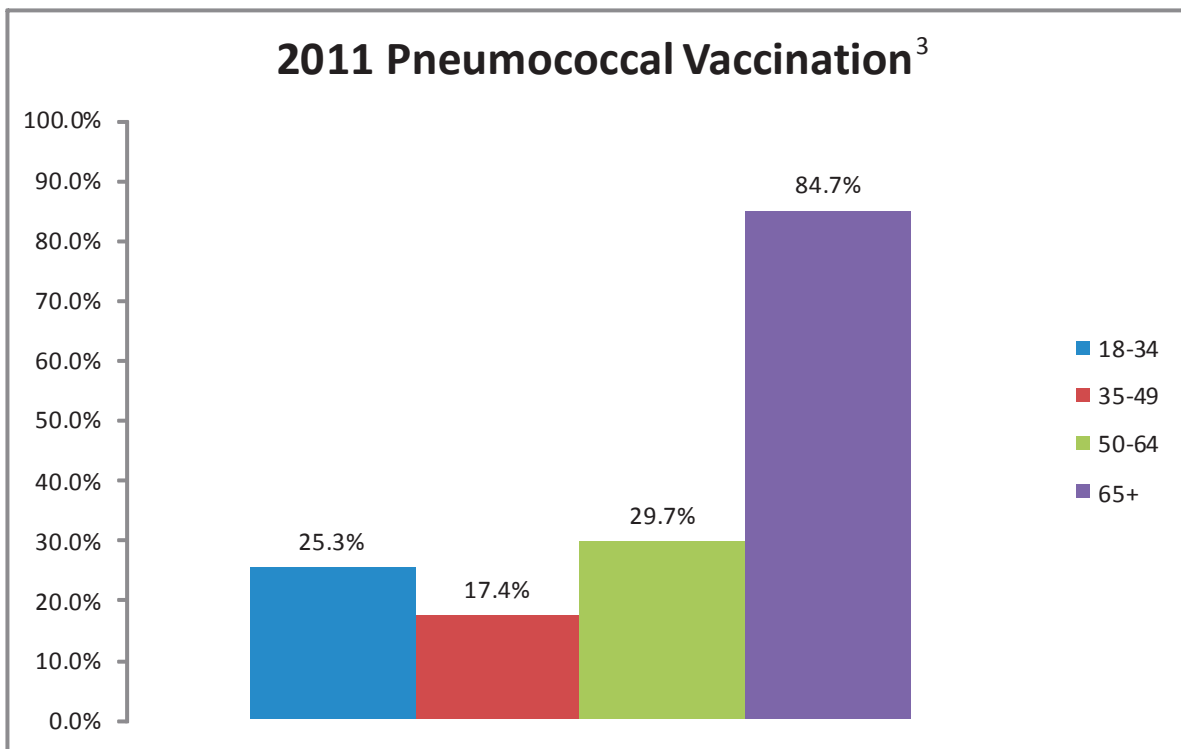
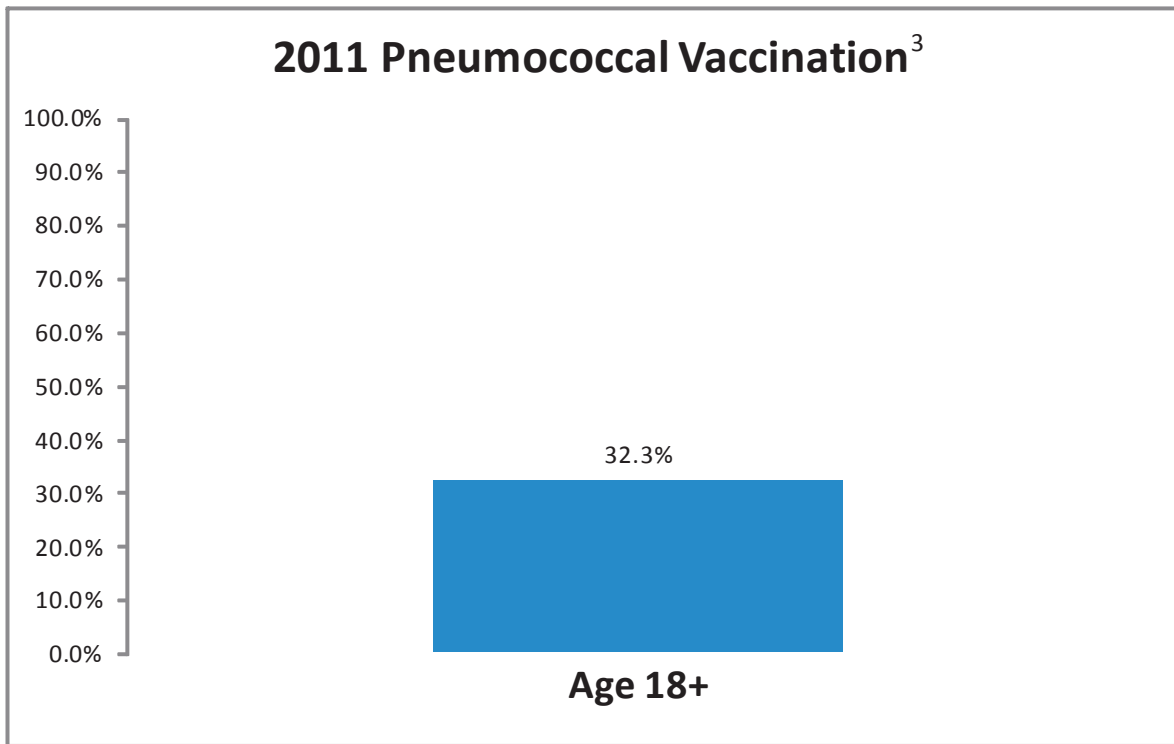
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	2368		
		Total	Percent
1 or more meningococcal vaccine		1315	55.5%

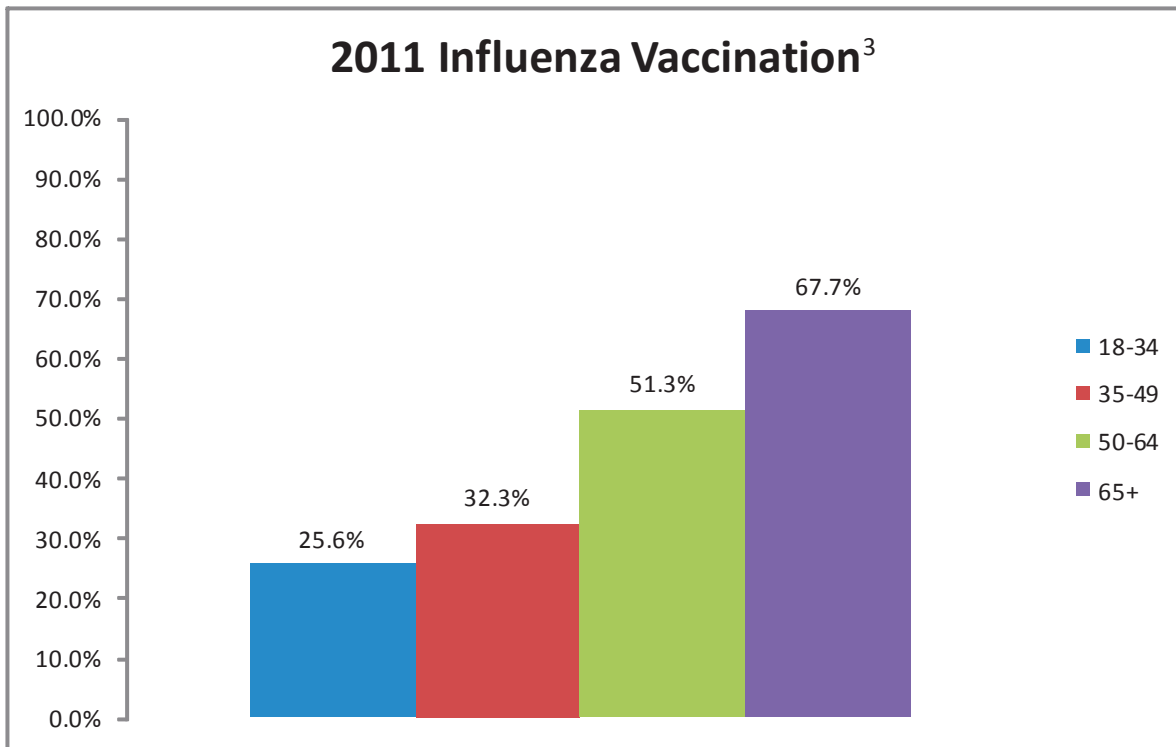
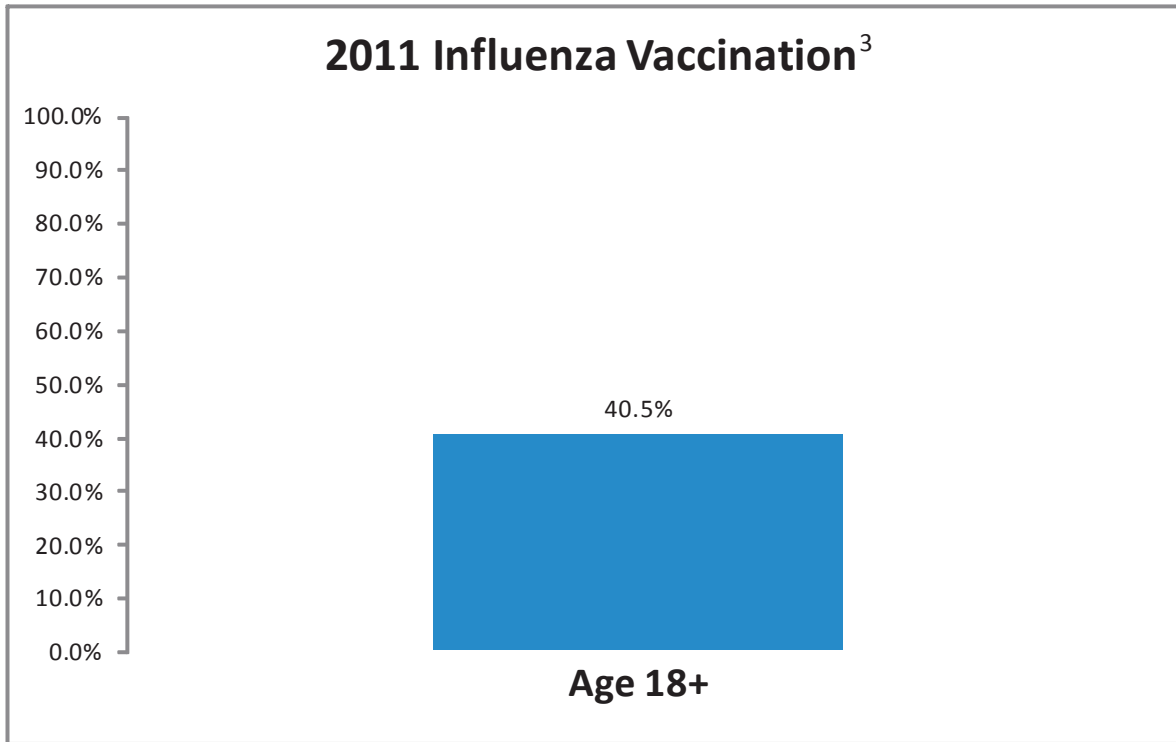
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	2675		
		Total	Percent
1 or more influenza vaccine		519	19.4%

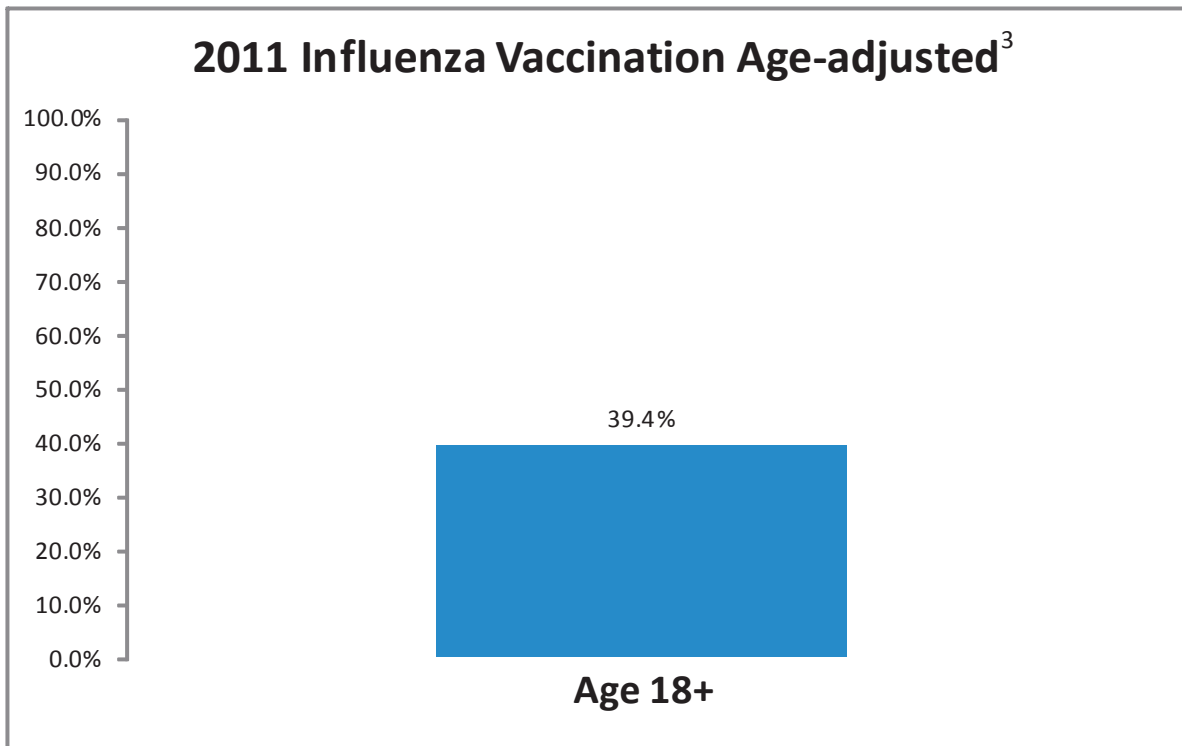
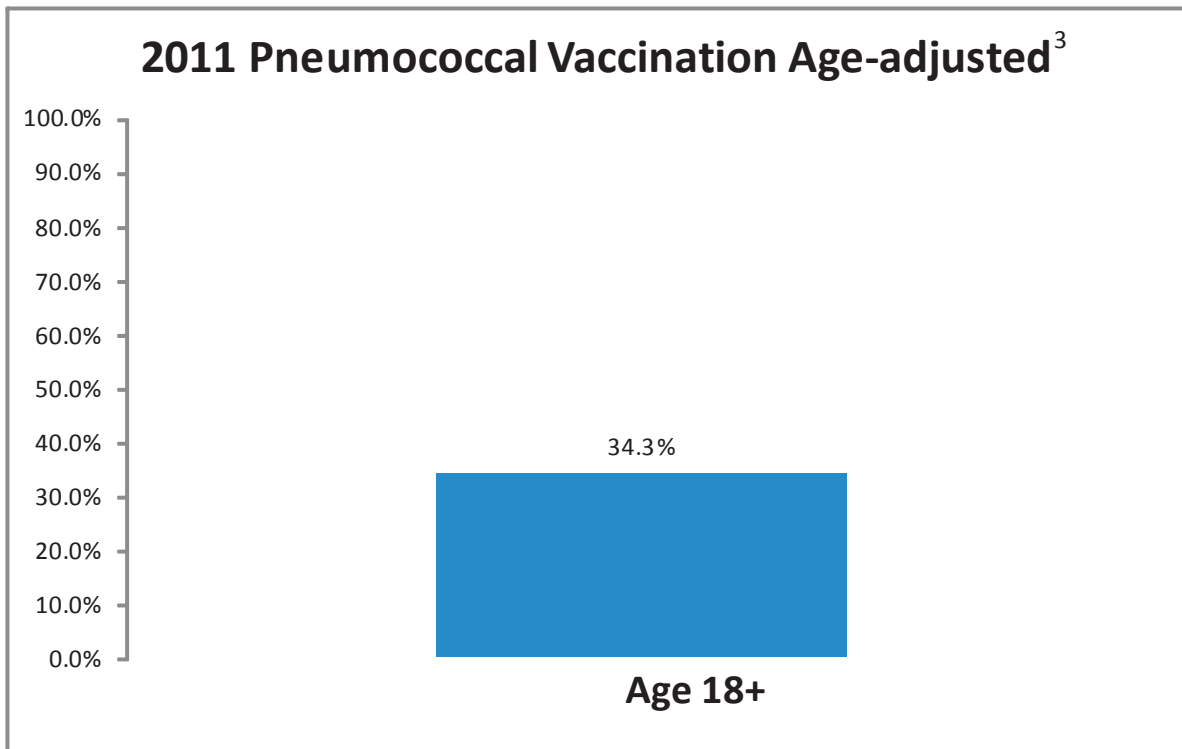
Adequately Immunized by School District 2011 <sup>6</sup>						
Summit	North Summit		Park City		South Summit	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	97.4%	2.6%	87.4%	7.0%	98.3%	0.9%
Second-Dose Measles (K-12)	97.6%	2.3%	95.1%	4.8%	97.4%	2.6%
7th Grade Entry	94.2%	5.8%	92.0%	7.0%	93.4%	5.7%

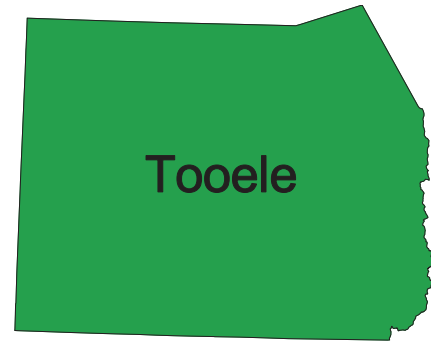
Immunized for Child Care 2011 <sup>6</sup>		
Summit	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	82.6%	2.6%
Head Start Centers	Reported in Davis HS	Reported in Davis HS











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	1115		
	Total	Percent	
3 or more DTaP	922	82.7%	
4 or more DTaP	865	77.6%	
3 or more Polio	508	45.6%	
1 or more MMR	862	77.3%	
3 or more Hib	368	33.0%	
1 or more Hib	368	33.0%	
3 or more HepB	840	75.3%	
HepB birth dose	958	85.9%	
1 or more Varicella	850	76.2%	
3 or more PCV	818	73.4%	
4 or more PCV	713	63.9%	
2 or more HepA	624	56.0%	
1 or more Rotavirus	713	63.9%	
4:3:1	448	40.2%	
4:3:1:3	321	28.8%	
4:3:1:4	401	36.0%	
4:3:1:3:3	311	27.9%	
4:3:1:0:3:1	0	0.0%	
4:3:1:3:3:1	305	27.4%	
4:3:1:4:3:1	388	34.8%	
4:3:1:0:3:1:4	388	34.8%	
4:3:1:3:3:1:4	0	0.0%	

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	238		
	Total	Percent	
1 or more DTaP	142	59.7%	
1 or more Polio	48	20.2%	
1 or more Hib	45	18.9%	
1 or more HepB	237	99.6%	
2 or more HepB	133	55.9%	
1 or more PCV	142	59.7%	

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	381		
	Total	Percent	
2 or more DTaP	257	67.5%	
2 or more Polio	71	18.6%	
2 or more Hib	12	3.1%	
2 or more HepB	244	64.0%	
2 or more PCV	111	29.1%	

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>1033</b>		
	<b>Total</b>	<b>Percent</b>	
<b>3 or more DTaP</b>	763	73.9%	
<b>2 or more Polio</b>	207	20.0%	
<b>1 or more MMR</b>	61	5.9%	
<b>2 or more Hib</b>	96	9.3%	
<b>3 or more Hib</b>	48	4.6%	
<b>1 or more Hib</b>	210	20.3%	
<b>2 or more HepB</b>	734	71.1%	
<b>3 or more HepB</b>	401	38.8%	
<b>1 or more Varicella</b>	60	5.8%	
<b>3 or more PCV</b>	363	35.1%	

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>1546</b>		
	<b>Total</b>	<b>Percent</b>	
<b>3 or more DTaP</b>	1296	83.8%	
<b>4 or more DTaP</b>	1079	69.8%	
<b>3 or more Polio</b>	341	22.1%	
<b>1 or more MMR</b>	446	28.8%	
<b>3 or more Hib</b>	108	7.0%	
<b>1 or more Hib</b>	108	7.0%	
<b>3 or more HepB</b>	838	54.2%	
<b>1 or more Varicella</b>	436	28.2%	
<b>3 or more PCV</b>	805	52.1%	
<b>4:3:1</b>	116	7.5%	
<b>4:3:1:3</b>	54	3.5%	
<b>4:3:1:4</b>	66	4.3%	
<b>4:3:1:3:3</b>	54	3.5%	
<b>4:3:1:0:3</b>	116	7.5%	
<b>4:3:1:4:3</b>	32	2.1%	
<b>4:3:1:3:3:1</b>	109	7.1%	
<b>4:3:1:0:3:1</b>	109	7.1%	
<b>4:3:1:4:3:1</b>	109	7.1%	

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>1953</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		1680	86.0%
<b>4 or more DTaP</b>		1441	73.8%
<b>3 or more Polio</b>		488	25.0%
<b>1 or more MMR</b>		773	39.6%
<b>3 or more Hib</b>		232	11.9%
<b>1 or more Hib</b>		232	11.9%
<b>3 or more HepB</b>		1175	60.2%
<b>1 or more Varicella</b>		766	39.2%
<b>3 or more PCV</b>		1144	58.6%
<b>4 or more PCV</b>		458	23.5%
<b>4:3:1</b>		241	12.3%
<b>4:3:1:3</b>		145	7.4%
<b>4:3:1:4</b>		172	8.8%
<b>4:3:1:3:3</b>		145	7.4%
<b>4:3:1:0:3</b>		240	12.3%
<b>4:3:1:4:3</b>		83	4.2%
<b>4:3:1:3:3:1</b>		232	11.9%
<b>4:3:1:0:3:1</b>		232	11.9%
<b>4:3:1:4:3:1</b>		81	4.1%



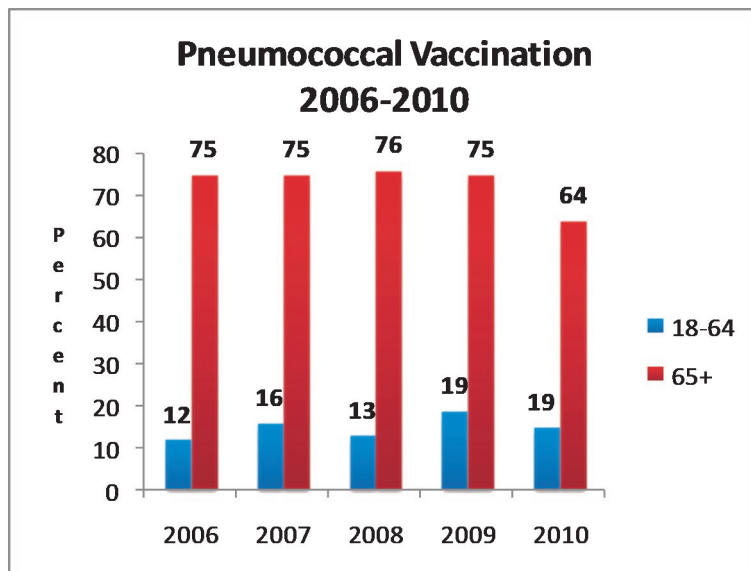
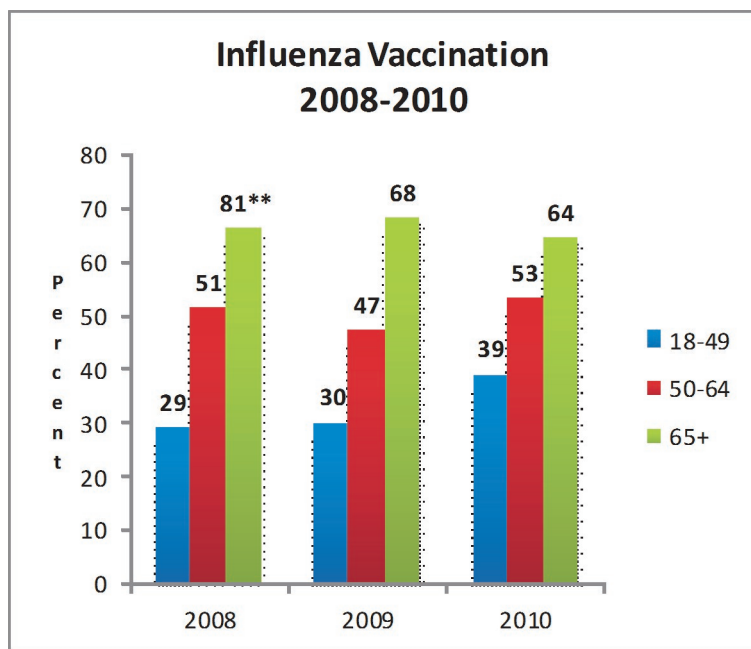
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	7814		
		Total	Percent
1 HPV		1088	13.9%
2 HPV		575	7.4%
3 HPV		330	4.2%

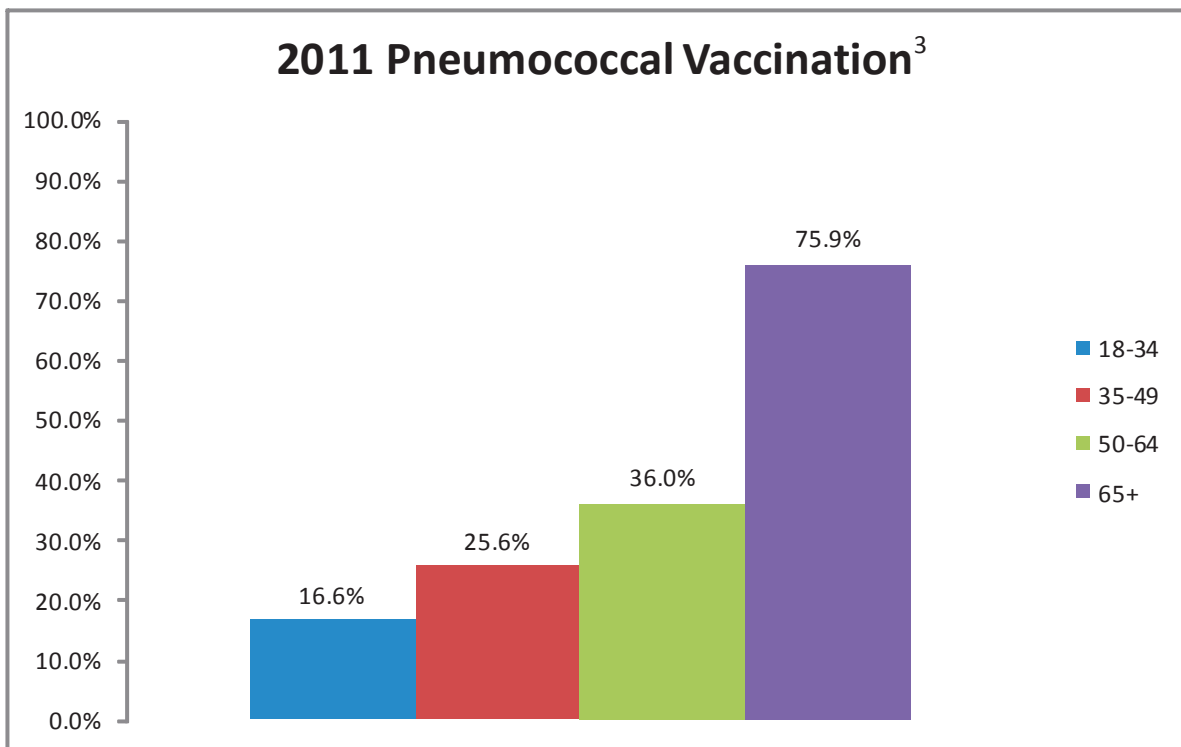
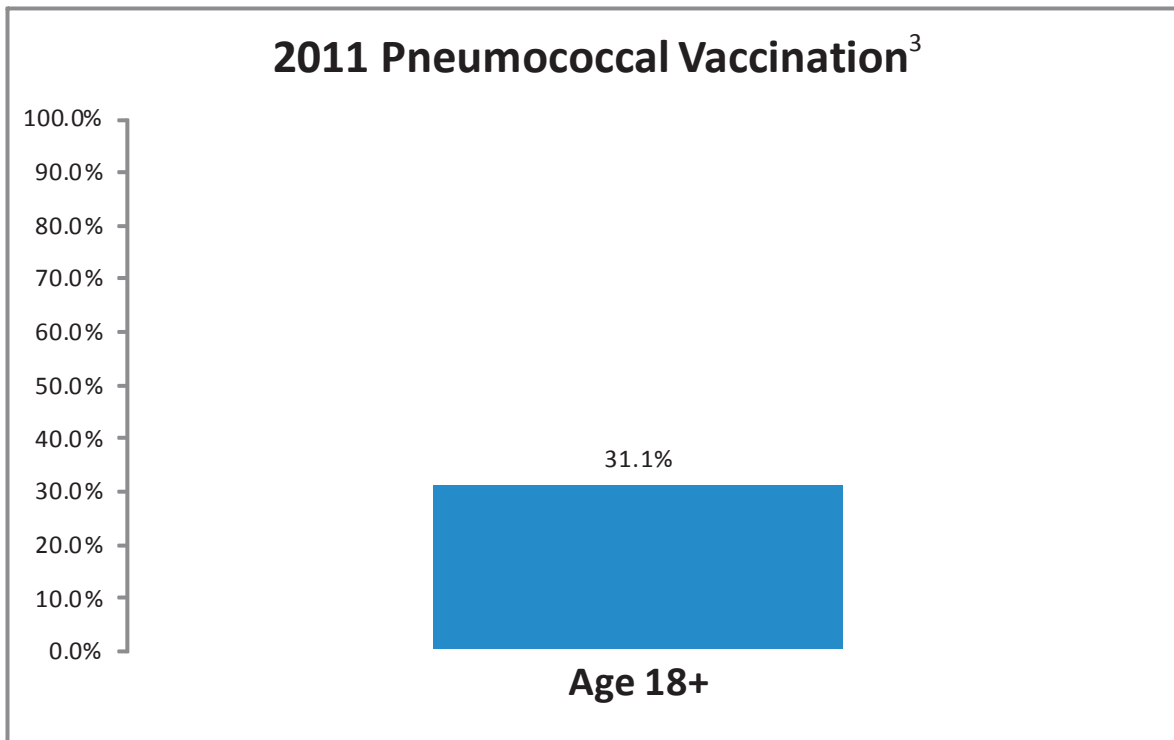
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	7814		
		Total	Percent
1 or more meningococcal vaccine		4547	58.2%

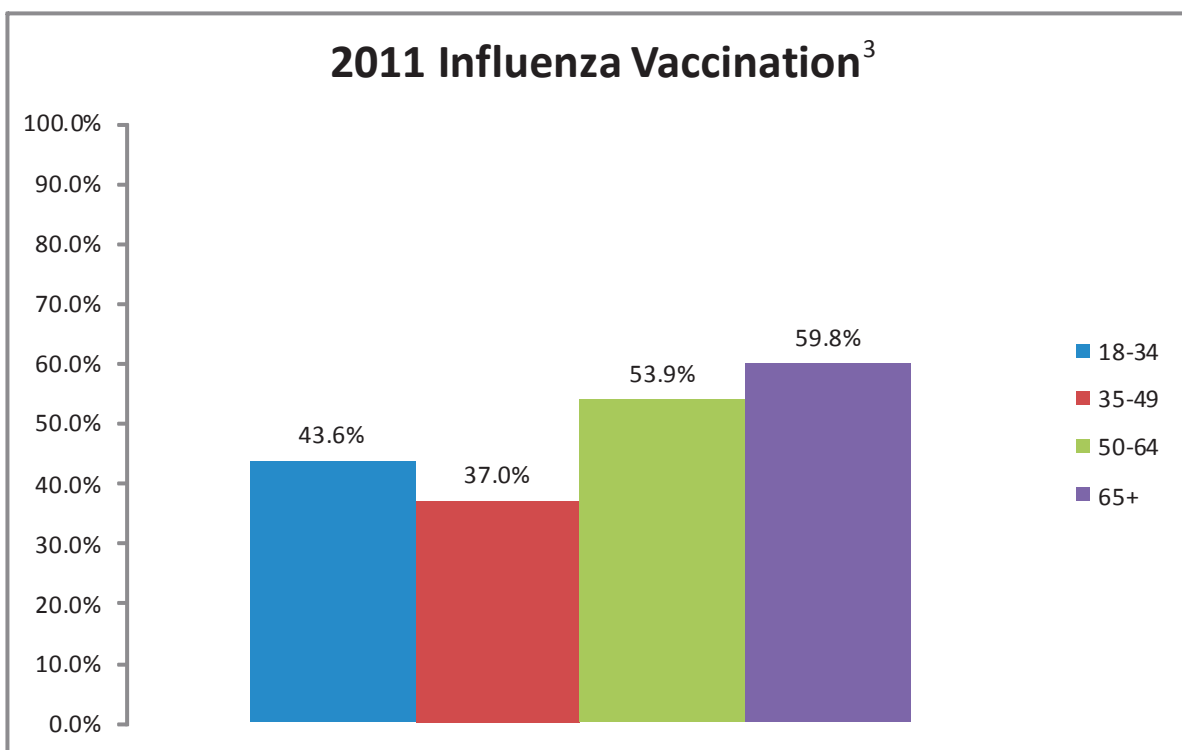
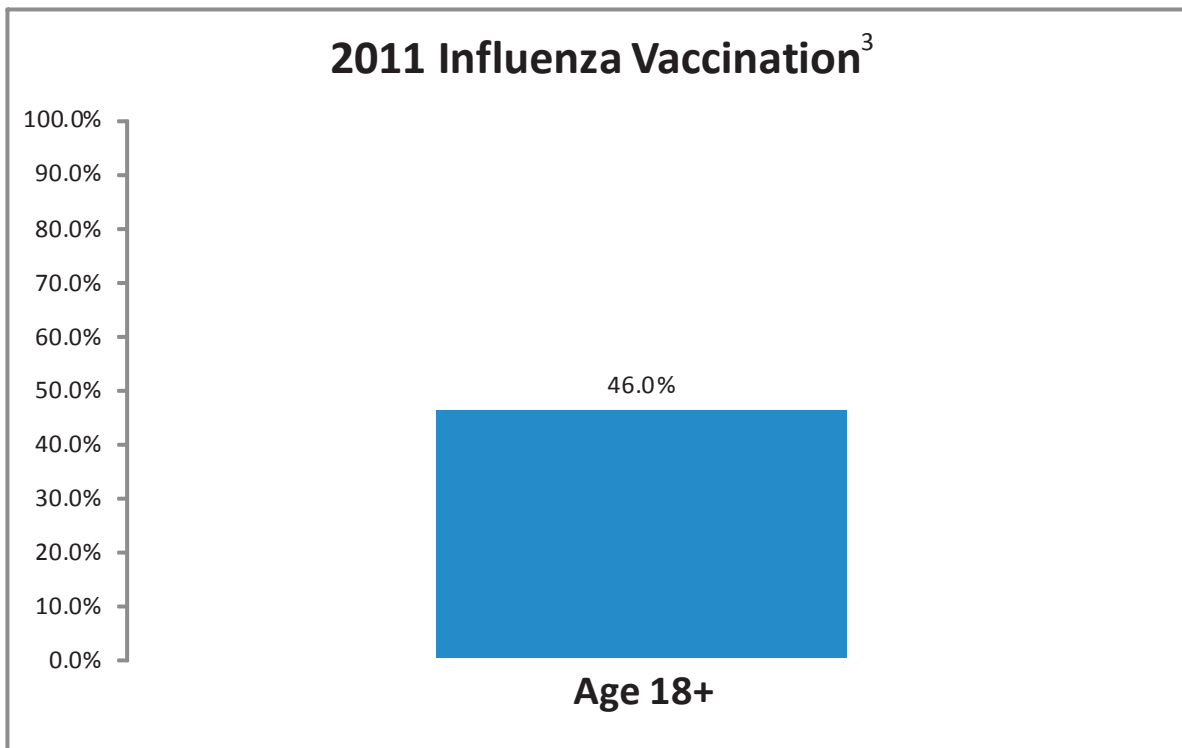
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	8861		
		Total	Percent
1 or more influenza vaccine		2509	28.3%

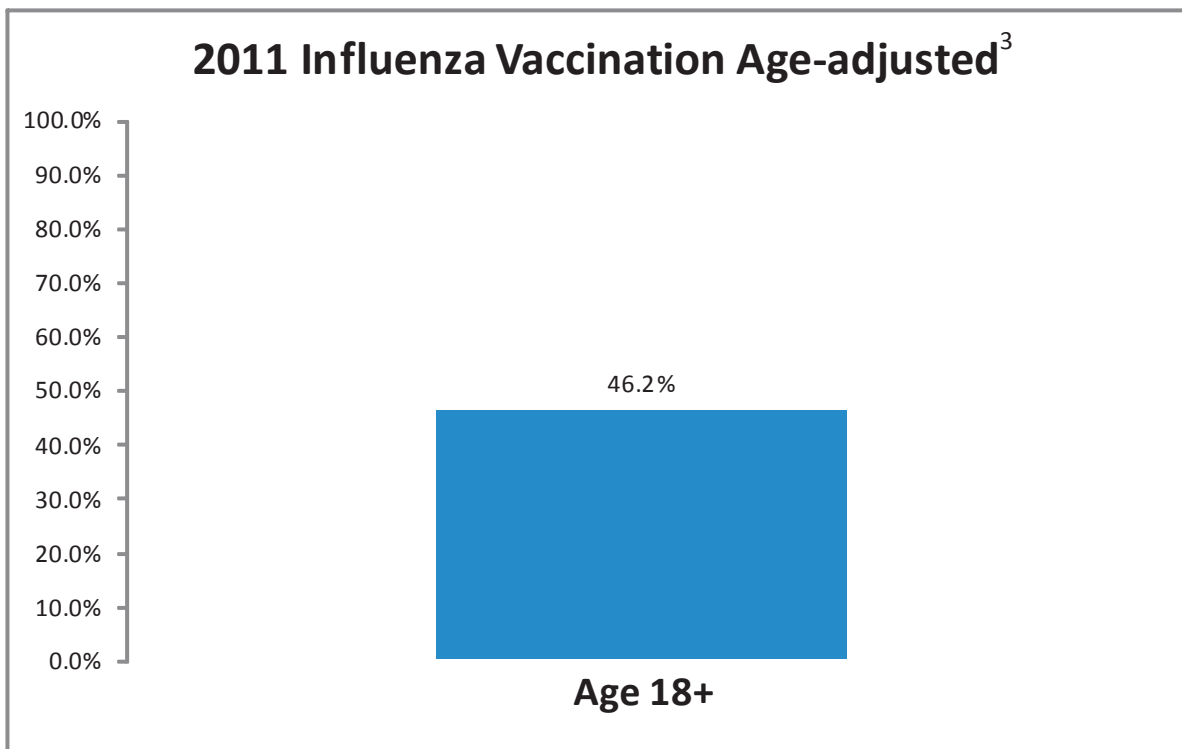
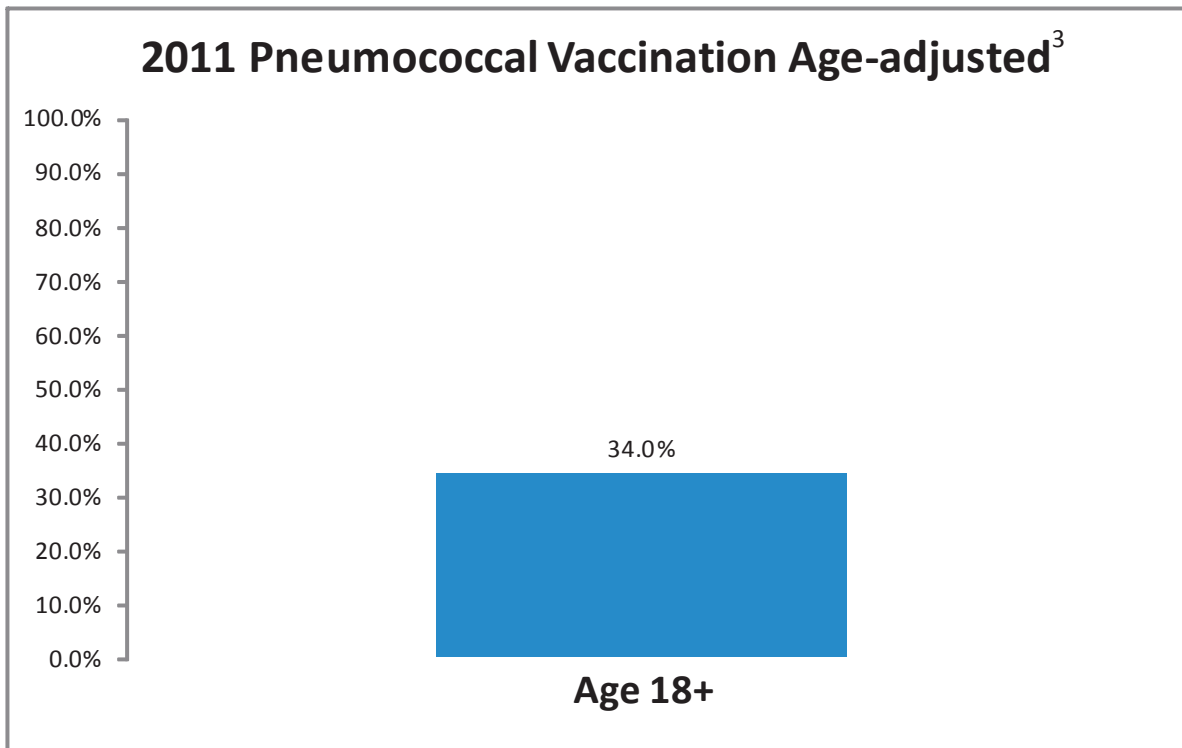
Adequately Immunized by School District 2011 <sup>6</sup>		
Tooele	Tooele	
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	95.2%	2.4%
Second-Dose Measles (K-12)	98.0%	1.9%
7th Grade Entry	97.1%	2.7%

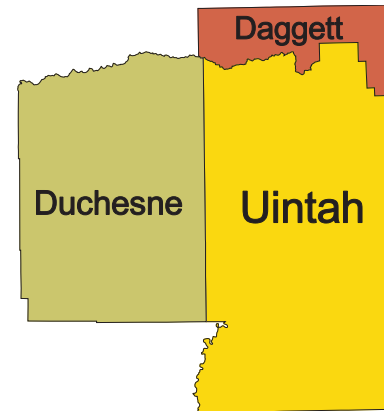
Immunized for Child Care 2011 <sup>6</sup>		
Tooele	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	74.7%	N/A
Head Start Centers	N/A	N/A











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	1102		
	Total	Percent	
3 or more DTaP	1034	93.8%	
4 or more DTaP	994	90.2%	
3 or more Polio	377	34.2%	
1 or more MMR	890	80.8%	
3 or more Hib	15	1.4%	
1 or more Hib	15	1.4%	
3 or more HepB	961	87.2%	
HepB birth dose	986	89.5%	
1 or more Varicella	849	77.0%	
3 or more PCV	916	83.1%	
4 or more PCV	746	67.7%	
2 or more HepA	211	19.1%	
1 or more Rotavirus	746	67.7%	
4:3:1	312	28.3%	
4:3:1:3	12	1.1%	
4:3:1:4	258	23.4%	
4:3:1:3:3	11	1.0%	
4:3:1:0:3:1	0	0.0%	
4:3:1:3:3:1	11	1.0%	
4:3:1:4:3:1	250	22.7%	
4:3:1:0:3:1:4	250	22.7%	
4:3:1:3:3:1:4	0	0.0%	

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	246		
	Total	Percent	
1 or more DTaP	178	72.4%	
1 or more Polio	131	53.3%	
1 or more Hib	128	52.0%	
1 or more HepB	246	100.0%	
2 or more HepB	176	71.5%	
1 or more PCV	172	69.9%	

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	408		
	Total	Percent	
2 or more DTaP	323	79.2%	
2 or more Polio	217	53.2%	
2 or more Hib	39	9.6%	
2 or more HepB	314	77.0%	
2 or more PCV	135	33.1%	

USIIS data queries are performed beginning June 29, 2012 and ending August 31, 2012. Most data are represented in 2011. USIIS data is the most current because of querying methods in 2012. Please read results of USIIS with caution. Local Health Departments vary because of the number of users who enter data into USIIS.

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>1122</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		913	81.4%
<b>2 or more Polio</b>		510	45.5%
<b>1 or more MMR</b>		67	6.0%
<b>2 or more Hib</b>		232	20.7%
<b>3 or more Hib</b>		121	10.8%
<b>1 or more Hib</b>		515	45.9%
<b>2 or more HepB</b>		894	79.7%
<b>3 or more HepB</b>		722	64.3%
<b>1 or more Varicella</b>		43	3.8%
<b>3 or more PCV</b>		427	38.1%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>1626</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		1447	89.0%
<b>4 or more DTaP</b>		1170	72.0%
<b>3 or more Polio</b>		749	46.1%
<b>1 or more MMR</b>		438	26.9%
<b>3 or more Hib</b>		178	10.9%
<b>1 or more Hib</b>		178	10.9%
<b>3 or more HepB</b>		1208	74.3%
<b>1 or more Varicella</b>		344	21.2%
<b>3 or more PCV</b>		872	53.6%
<b>4:3:1</b>		178	10.9%
<b>4:3:1:3</b>		49	3.0%
<b>4:3:1:4</b>		113	6.9%
<b>4:3:1:3:3</b>		49	3.0%
<b>4:3:1:0:3</b>		178	10.9%
<b>4:3:1:4:3</b>		11	0.7%
<b>4:3:1:3:3:1</b>		159	9.8%
<b>4:3:1:0:3:1</b>		159	9.8%
<b>4:3:1:4:3:1</b>		159	9.8%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>2047</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		1855	90.6%
<b>4 or more DTaP</b>		1562	76.3%
<b>3 or more Polio</b>		925	45.2%
<b>1 or more MMR</b>		766	37.4%
<b>3 or more Hib</b>		188	9.2%
<b>1 or more Hib</b>		188	9.2%
<b>3 or more HepB</b>		1587	77.5%
<b>1 or more Varicella</b>		652	31.9%
<b>3 or more PCV</b>		1221	59.6%
<b>4 or more PCV</b>		584	28.5%
<b>4:3:1</b>		314	15.3%
<b>4:3:1:3</b>		57	2.8%
<b>4:3:1:4</b>		230	11.2%
<b>4:3:1:3:3</b>		57	2.8%
<b>4:3:1:0:3</b>		314	15.3%
<b>4:3:1:4:3</b>		14	0.7%
<b>4:3:1:3:3:1</b>		286	14.0%
<b>4:3:1:0:3:1</b>		286	14.0%
<b>4:3:1:4:3:1</b>		14	0.7%



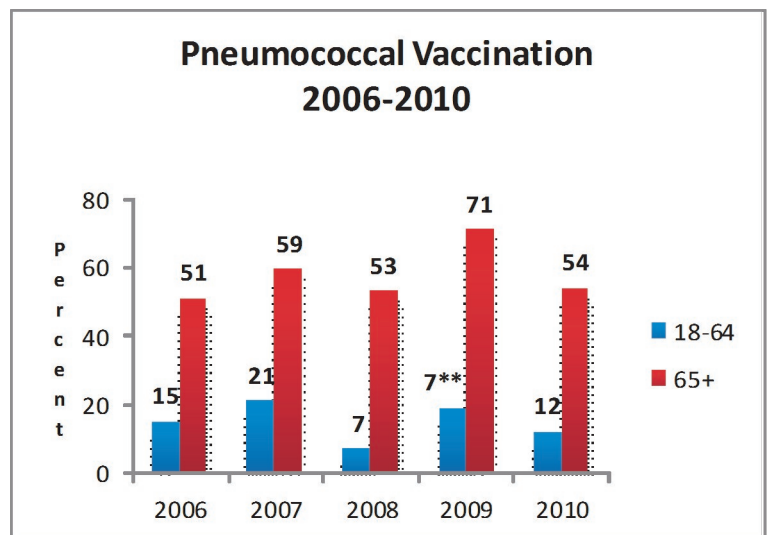
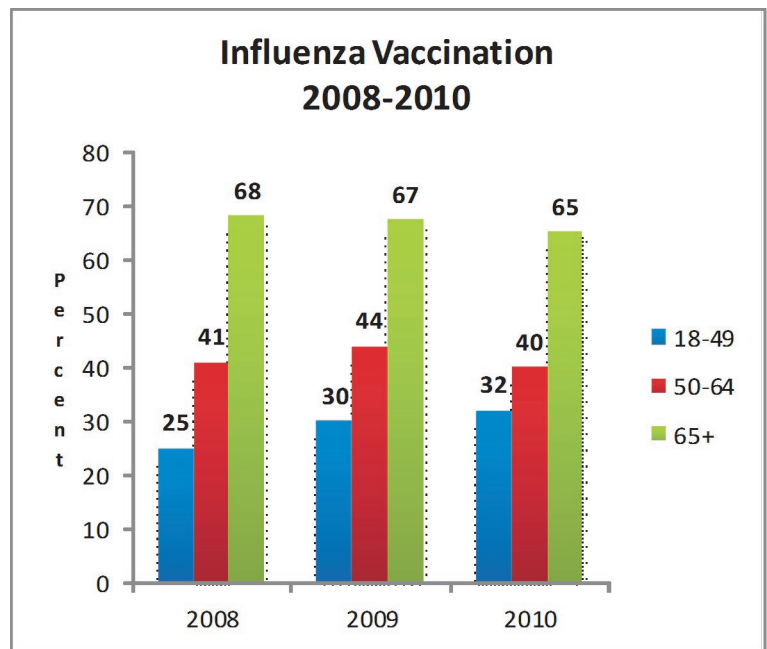
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	5409		
		Total	Percent
1 HPV		754	13.9%
2 HPV		441	8.2%
3 HPV		257	4.8%

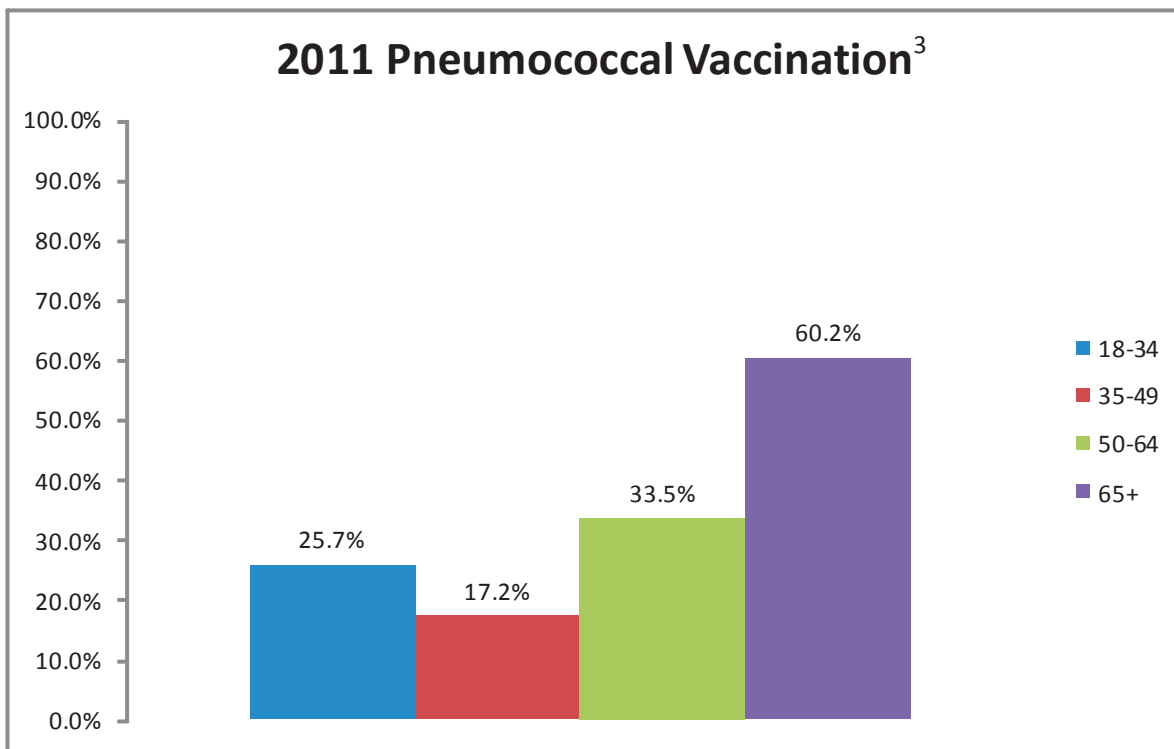
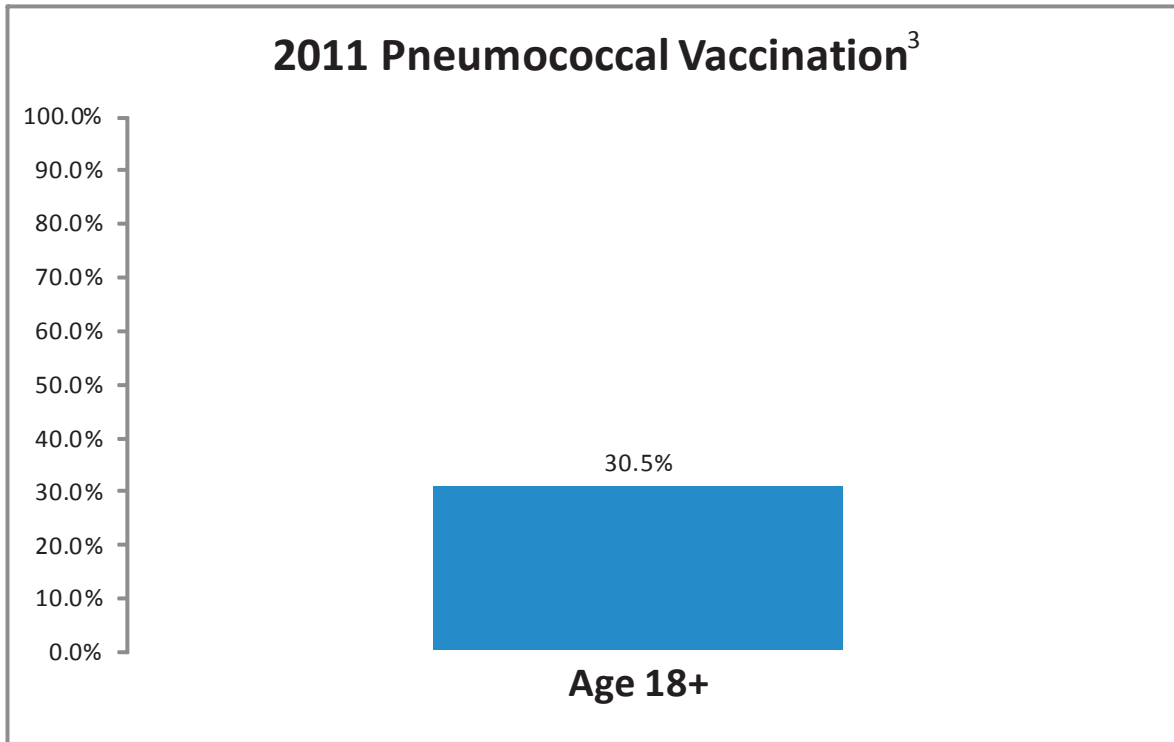
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	5409		
		Total	Percent
1 or more meningococcal vaccine		4373	80.8%

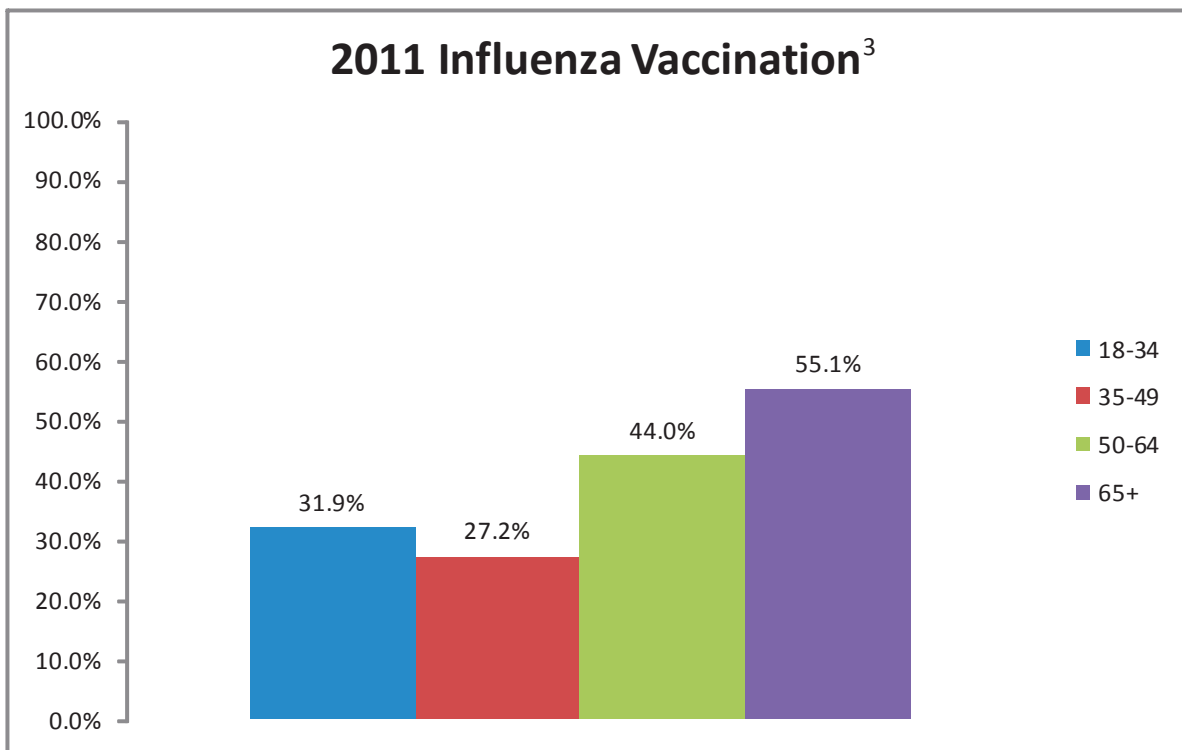
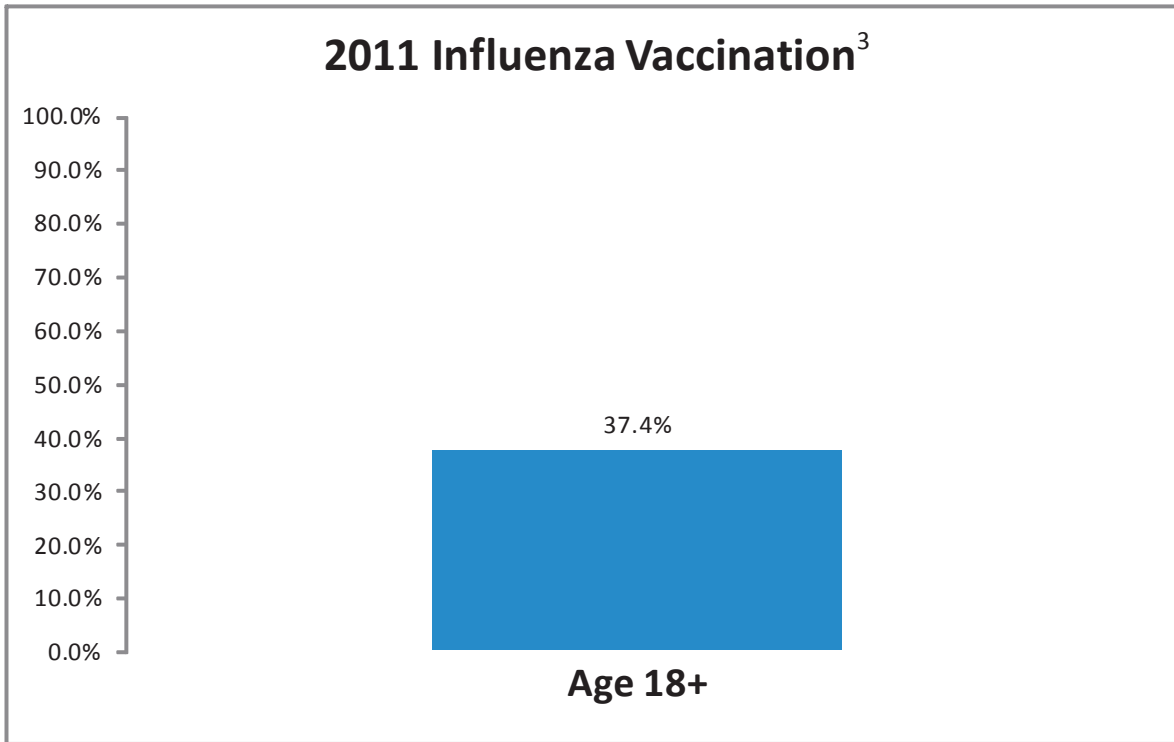
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	6239		
		Total	Percent
1 or more influenza vaccine		620	9.9%

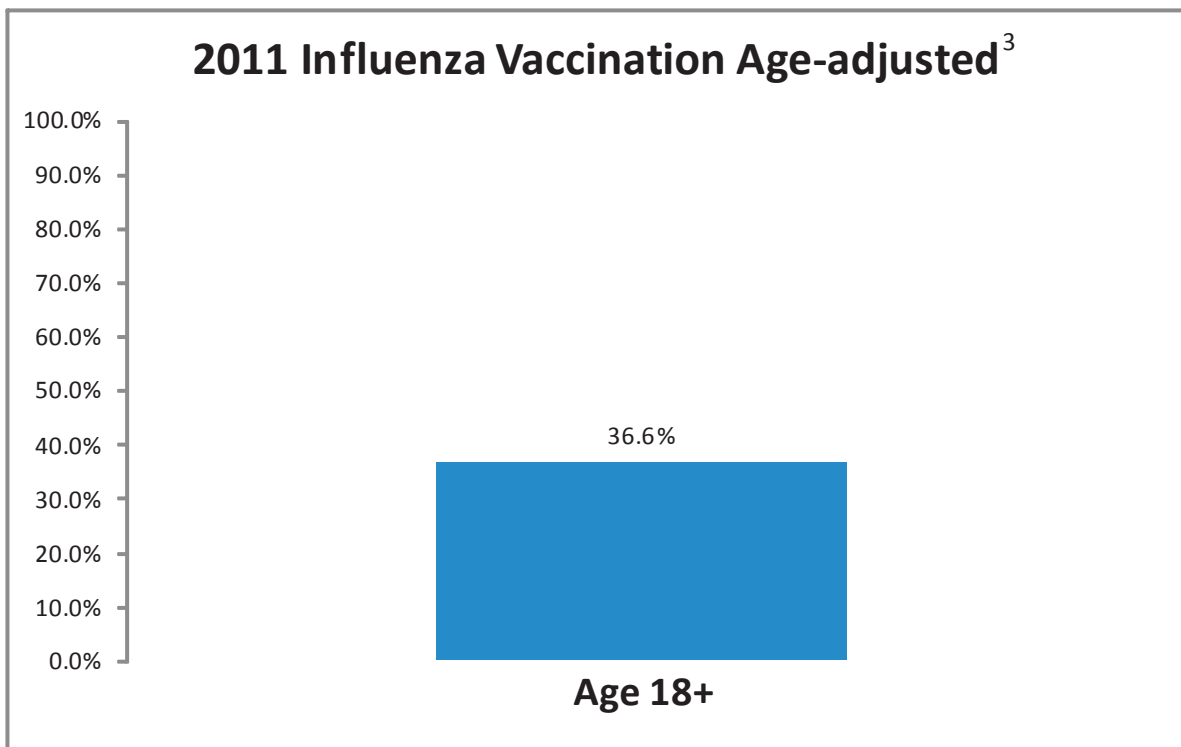
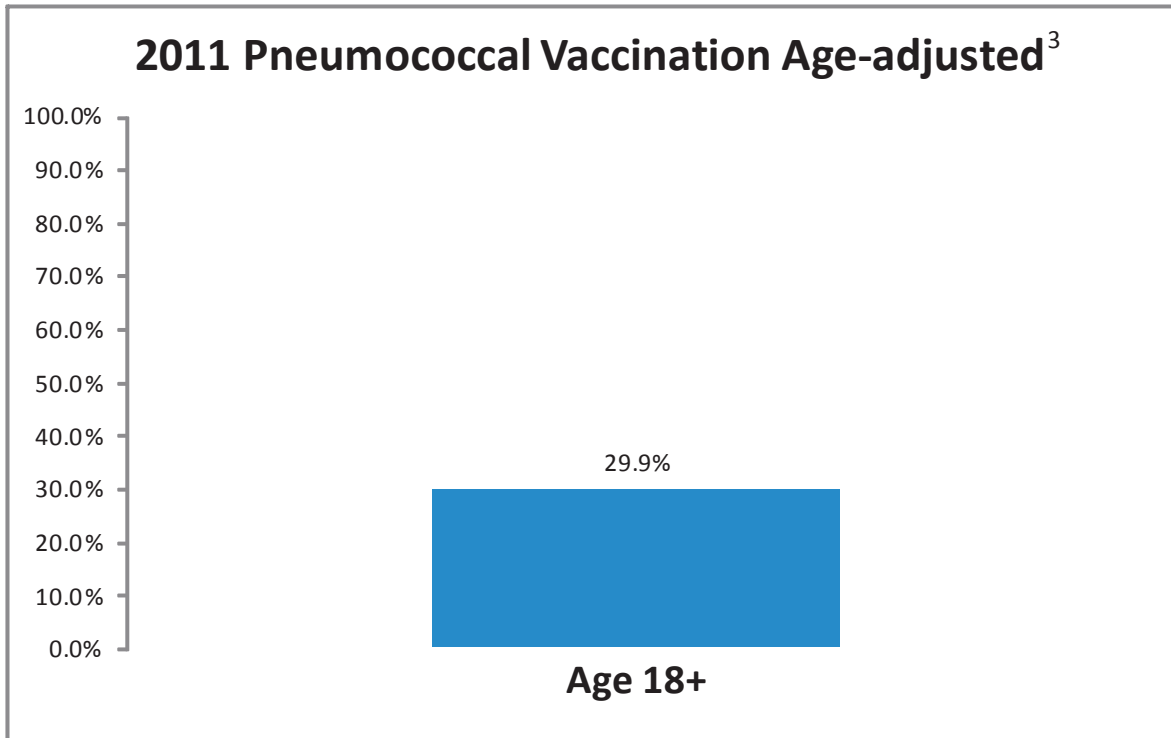
Adequately Immunized by School District 2011 <sup>6</sup>						
TriCounty	Daggett		Duchesne		Uintah	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	46.2%	0%	93.0%	3.1%	87.4%	6.1%
Second-Dose Measles (K-12)	93.0%	2.3%	95.6%	4.2%	95.7%	4.1%
7th Grade Entry	100%	5.3%	85.2%	9.2%	96.4%	3.4%

Immunized for Child Care 2011 <sup>6</sup>		
TriCounty	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	98.2%	1.8%
Head Start Centers	73.5%	0.8%











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	10411		
		Total	Percent
3 or more DTaP		5038	48.4%
4 or more DTaP		4481	43.0%
3 or more Polio		2216	21.3%
1 or more MMR		3990	38.3%
3 or more Hib		1034	9.9%
1 or more Hib		1034	9.9%
3 or more HepB		4183	40.2%
HepB birth dose		9151	87.9%
1 or more Varicella		3901	37.5%
3 or more PCV		4046	38.9%
4 or more PCV		3283	31.5%
2 or more HepA		2385	22.9%
1 or more Rotavirus		3283	31.5%
4:3:1		1811	17.4%
4:3:1:3		938	9.0%
4:3:1:4		1613	15.5%
4:3:1:3:3		930	8.9%
4:3:1:0:3:1		0	0.0%
4:3:1:3:3:1		902	8.7%
4:3:1:4:3:1		1546	14.8%
4:3:1:0:3:1:4		1546	14.8%
4:3:1:3:3:1:4		0	0.0%

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	2520		
		Total	Percent
1 or more DTaP		627	24.9%
1 or more Polio		374	14.8%
1 or more Hib		363	14.4%
1 or more HepB		2515	99.8%
2 or more HepB		610	24.2%
1 or more PCV		620	24.6%

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	4021		
		Total	Percent
2 or more DTaP		1112	27.7%
2 or more Polio		632	15.7%
2 or more Hib		226	5.6%
2 or more HepB		1086	27.0%
2 or more PCV		488	12.1%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>10193</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		3143	30.8%
<b>2 or more Polio</b>		1610	15.8%
<b>1 or more MMR</b>		252	2.5%
<b>2 or more Hib</b>		928	9.1%
<b>3 or more Hib</b>		442	4.3%
<b>1 or more Hib</b>		1611	15.8%
<b>2 or more HepB</b>		3100	30.4%
<b>3 or more HepB</b>		2296	22.5%
<b>1 or more Varicella</b>		250	2.5%
<b>3 or more PCV</b>		1409	13.8%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>15343</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		5647	36.8%
<b>4 or more DTaP</b>		4429	28.9%
<b>3 or more Polio</b>		2743	17.9%
<b>1 or more MMR</b>		1780	11.6%
<b>3 or more Hib</b>		991	6.5%
<b>1 or more Hib</b>		991	6.5%
<b>3 or more HepB</b>		4404	28.7%
<b>1 or more Varicella</b>		1791	11.7%
<b>3 or more PCV</b>		3352	21.8%
<b>4:3:1</b>		889	5.8%
<b>4:3:1:3</b>		542	3.5%
<b>4:3:1:4</b>		729	4.8%
<b>4:3:1:3:3</b>		542	3.5%
<b>4:3:1:0:3</b>		889	5.8%
<b>4:3:1:4:3</b>		281	1.8%
<b>4:3:1:3:3:1</b>		826	5.4%
<b>4:3:1:0:3:1</b>		826	5.4%
<b>4:3:1:4:3:1</b>		826	5.4%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>19639</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		7682	39.1%
<b>4 or more DTaP</b>		6276	32.0%
<b>3 or more Polio</b>		3651	18.6%
<b>1 or more MMR</b>		3326	16.9%
<b>3 or more Hib</b>		1424	7.3%
<b>1 or more Hib</b>		1424	7.3%
<b>3 or more HepB</b>		6156	31.3%
<b>1 or more Varicella</b>		3327	16.9%
<b>3 or more PCV</b>		5035	25.6%
<b>4 or more PCV</b>		2786	14.2%
<b>4:3:1</b>		1612	8.2%
<b>4:3:1:3</b>		913	4.6%
<b>4:3:1:4</b>		1379	7.0%
<b>4:3:1:3:3</b>		912	4.6%
<b>4:3:1:0:3</b>		1608	8.2%
<b>4:3:1:4:3</b>		517	2.6%
<b>4:3:1:3:3:1</b>		1503	7.7%
<b>4:3:1:0:3:1</b>		1503	7.7%
<b>4:3:1:4:3:1</b>		507	2.6%



12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	61671		
		Total	Percent
1 HPV		4387	7.1%
2 HPV		2344	3.8%
3 HPV		1331	2.2%

12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	61670		
		Total	Percent
1 or more meningococcal vaccine		29792	48.3%

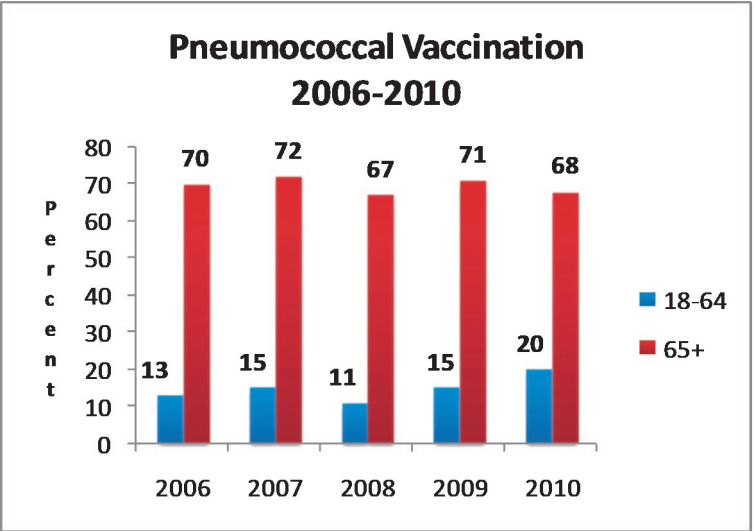
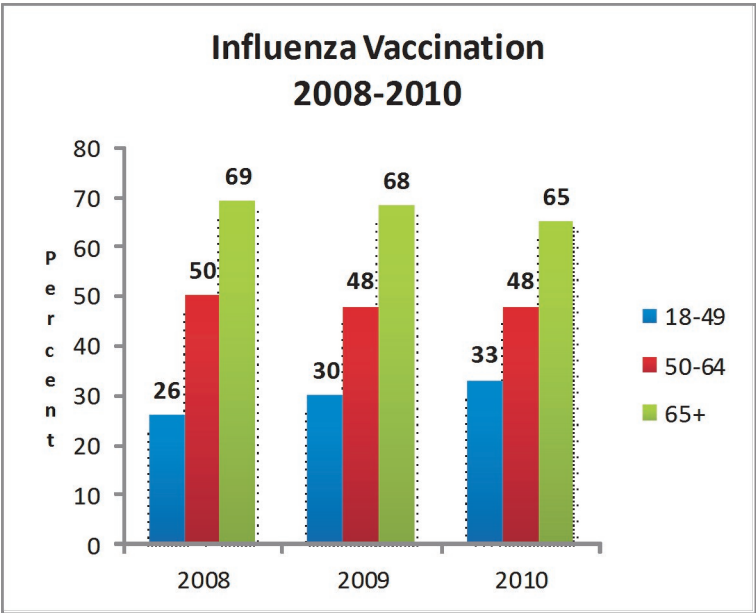
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	69275		
		Total	Percent
1 or more influenza vaccine		10743	15.5%

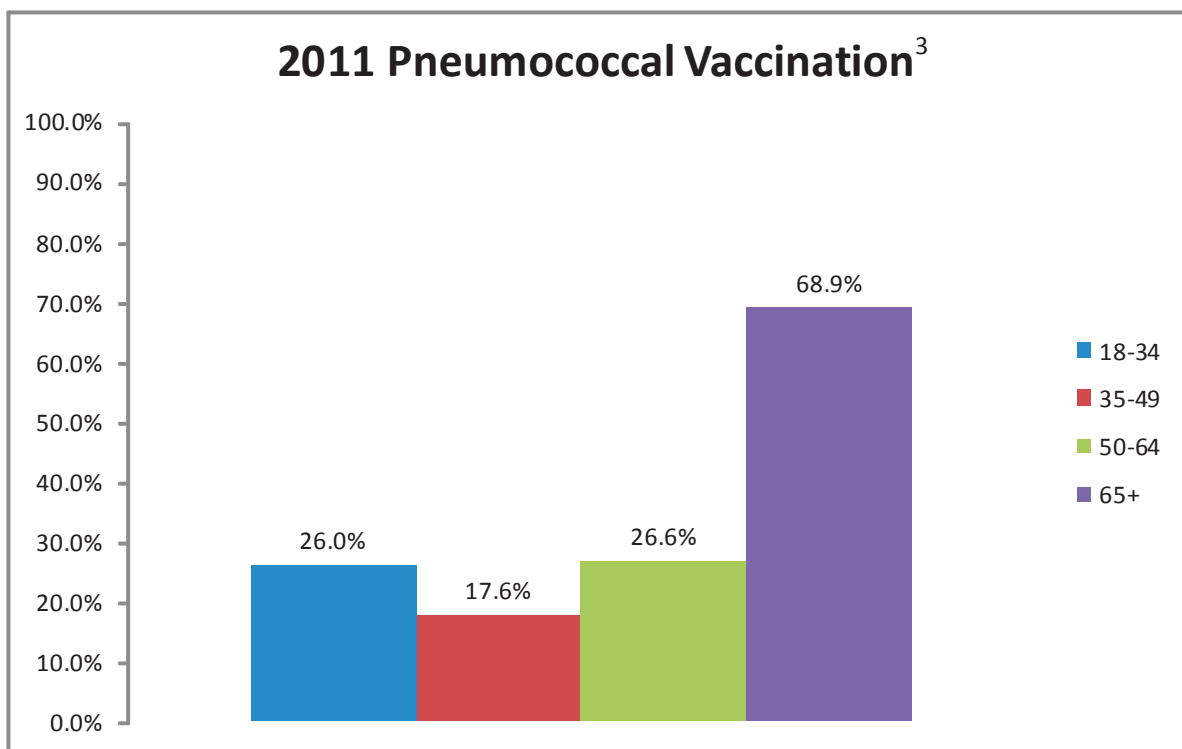
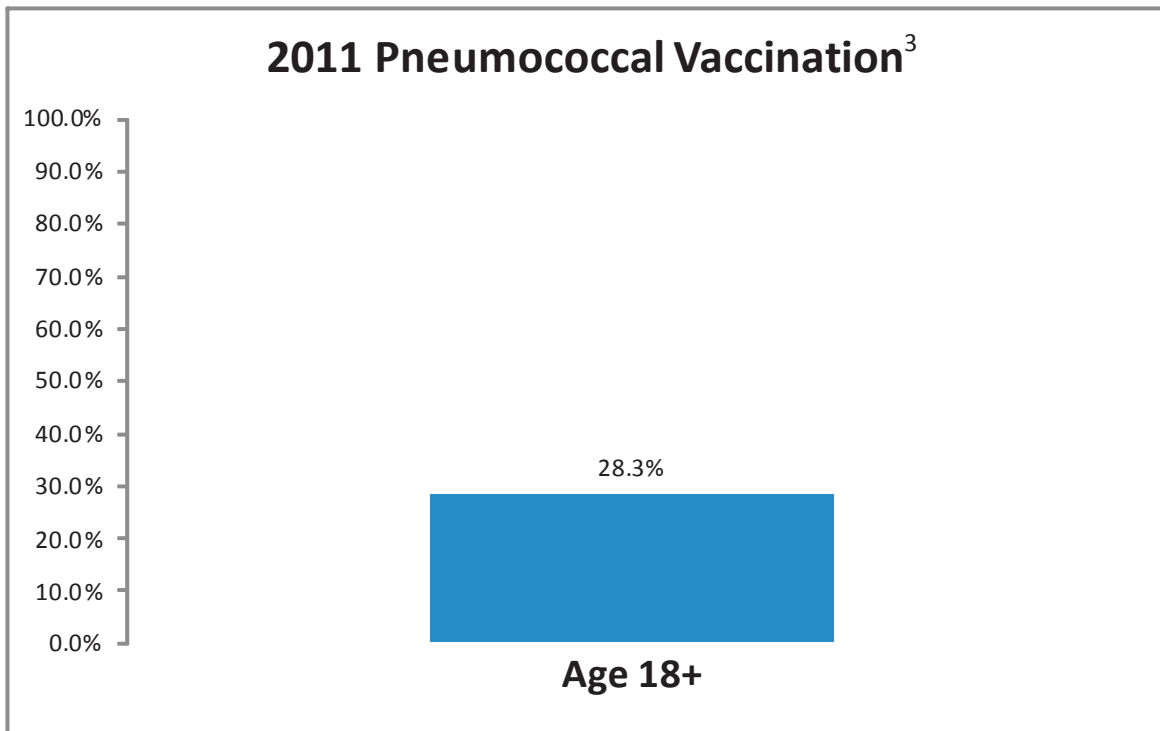
**Adequately Immunized by School District 2011<sup>6</sup>**

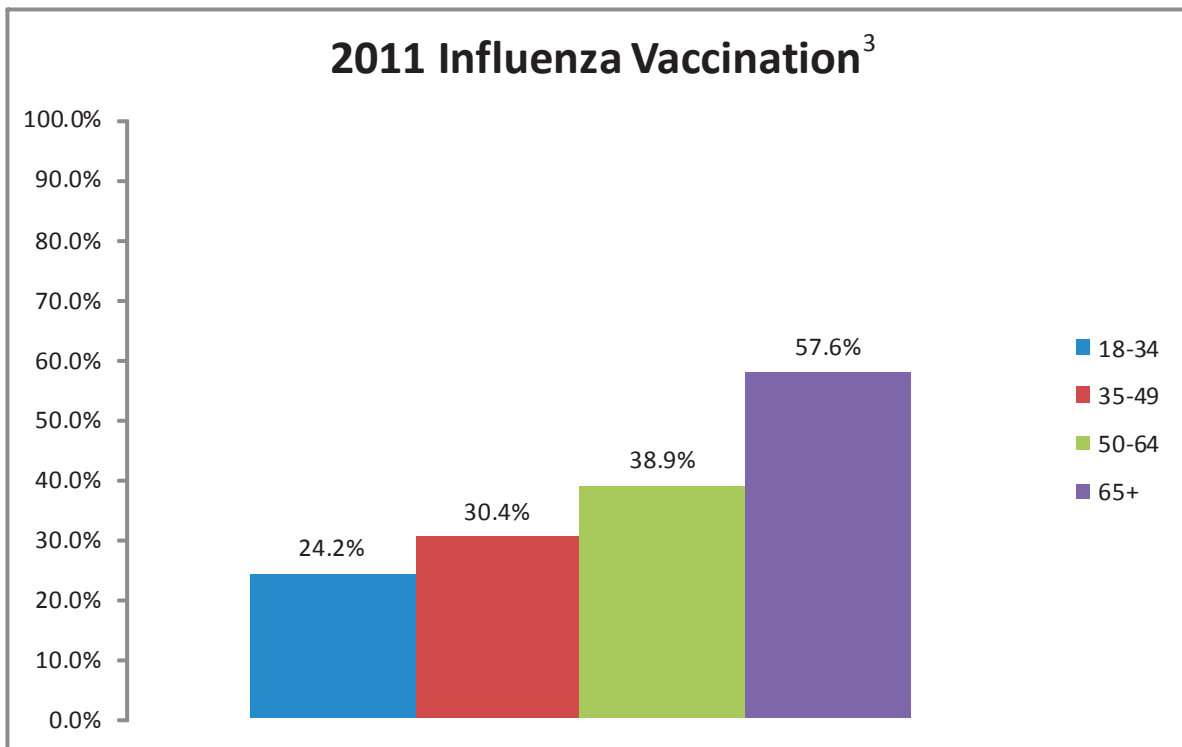
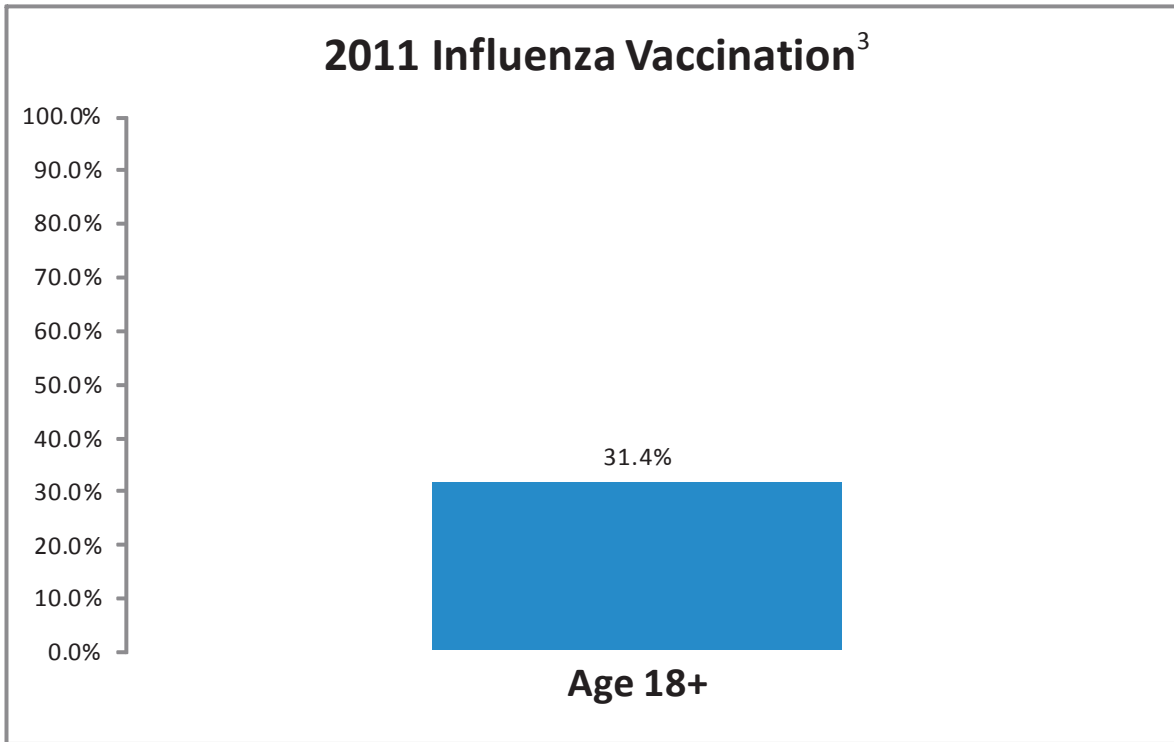
Utah County	Alpine		Nebo		Provo	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	85.4%	4.7%	86.8%	3.8%	88.1%	4.1%
Second-Dose Measles (K-12)	95.2%	4.0%	95.1%	4.4%	95.1%	4.1%
7th Grade Entry	89.1%	5.1%	92.0%	4.5%	76.9%	3.6%

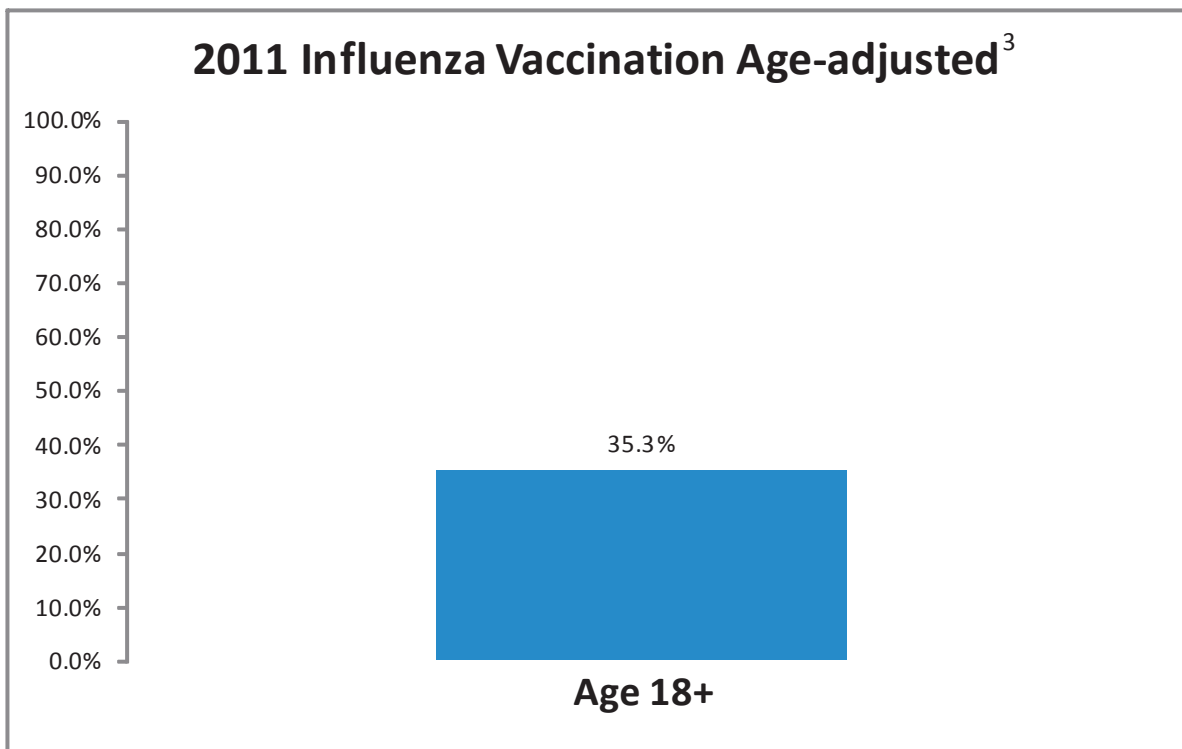
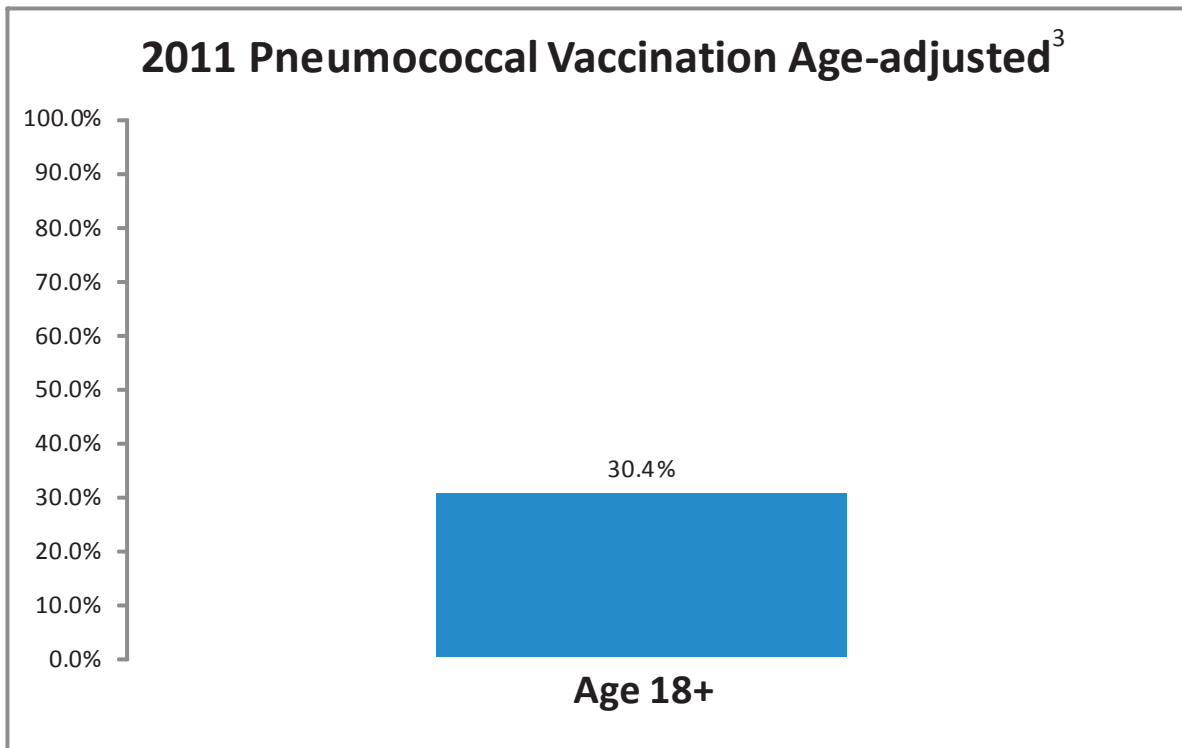
**Immunized for Child Care 2011<sup>6</sup>**

Utah County	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	84.6%	3.3%
Head Start Centers <sup>+</sup>	97.1%	2.4%











24-35 Months of Age <sup>6</sup>			
Children in USIIS born between 06/30/2009 and 06/30/2010			
Total	416		
	Total	Percent	
3 or more DTaP	370	88.9%	
4 or more DTaP	358	86.1%	
3 or more Polio	130	31.3%	
1 or more MMR	299	71.9%	
3 or more Hib	48	11.5%	
1 or more Hib	48	11.5%	
3 or more HepB	315	75.7%	
HepB birth dose	308	74.0%	
1 or more Varicella	294	70.7%	
3 or more PCV	328	78.8%	
4 or more PCV	242	58.2%	
2 or more HepA	165	39.7%	
1 or more Rotavirus	242	58.2%	
4:3:1	106	25.5%	
4:3:1:3	41	9.9%	
4:3:1:4	78	18.8%	
4:3:1:3:3	40	9.6%	
4:3:1:0:3:1	0	0.0%	
4:3:1:3:3:1	40	9.6%	
4:3:1:4:3:1	77	18.5%	
4:3:1:0:3:1:4	77	18.5%	
4:3:1:3:3:1:4	0	0.0%	

≤ 3 Months of Age <sup>6</sup>			
Children in USIIS born between 03/30/2012 and 06/30/2012			
Total	87		
	Total	Percent	
1 or more DTaP	49	56.3%	
1 or more Polio	25	28.7%	
1 or more Hib	26	29.9%	
1 or more HepB	83	95.4%	
2 or more HepB	34	39.1%	
1 or more PCV	51	58.6%	

≤ 5 Months of Age <sup>6</sup>			
Children in USIIS born between 01/30/2012 and 06/30/2012			
Total	144		
	Total	Percent	
2 or more DTaP	87	60.4%	
2 or more Polio	32	22.2%	
2 or more Hib	11	7.6%	
2 or more HepB	64	44.4%	
2 or more PCV	40	27.8%	

USIIS data queries are performed beginning June 29, 2012 and ending August 31, 2012. Most data are represented in 2011. USIIS data is the most current because of querying methods in 2012. Please read results of USIIS with caution. Local Health Departments vary because of the number of users who enter data into USIIS.

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>378</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		262	69.3%
<b>2 or more Polio</b>		96	25.4%
<b>1 or more MMR</b>		7	1.9%
<b>2 or more Hib</b>		41	10.8%
<b>3 or more Hib</b>		14	3.7%
<b>1 or more Hib</b>		123	32.5%
<b>2 or more HepB</b>		211	55.8%
<b>3 or more HepB</b>		145	38.4%
<b>1 or more Varicella</b>		3	0.8%
<b>3 or more PCV</b>		130	34.4%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>573</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		454	79.2%
<b>4 or more DTaP</b>		380	66.3%
<b>3 or more Polio</b>		145	25.3%
<b>1 or more MMR</b>		114	19.9%
<b>3 or more Hib</b>		32	5.6%
<b>1 or more Hib</b>		32	5.6%
<b>3 or more HepB</b>		293	51.1%
<b>1 or more Varicella</b>		100	17.5%
<b>3 or more PCV</b>		290	50.6%
<b>4:3:1</b>		28	4.9%
<b>4:3:1:3</b>		12	2.1%
<b>4:3:1:4</b>		21	3.7%
<b>4:3:1:3:3</b>		12	2.1%
<b>4:3:1:0:3</b>		28	4.9%
<b>4:3:1:4:3</b>		4	0.7%
<b>4:3:1:3:3:1</b>		27	4.7%
<b>4:3:1:0:3:1</b>		27	4.7%
<b>4:3:1:4:3:1</b>		27	4.7%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>746</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		615	82.4%
<b>4 or more DTaP</b>		534	71.6%
<b>3 or more Polio</b>		183	24.5%
<b>1 or more MMR</b>		235	31.5%
<b>3 or more Hib</b>		46	6.2%
<b>1 or more Hib</b>		46	6.2%
<b>3 or more HepB</b>		430	57.6%
<b>1 or more Varicella</b>		219	29.4%
<b>3 or more PCV</b>		427	57.2%
<b>4 or more PCV</b>		178	23.9%
<b>4:3:1</b>		53	7.1%
<b>4:3:1:3</b>		23	3.1%
<b>4:3:1:4</b>		38	5.1%
<b>4:3:1:3:3</b>		23	3.1%
<b>4:3:1:0:3</b>		53	7.1%
<b>4:3:1:4:3</b>		9	1.2%
<b>4:3:1:3:3:1</b>		51	6.8%
<b>4:3:1:0:3:1</b>		51	6.8%
<b>4:3:1:4:3:1</b>		9	1.2%



12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	3390		
		Total	Percent
1 HPV		323	9.5%
2 HPV		195	5.8%
3 HPV		120	3.5%

12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	3390		
		Total	Percent
1 or more meningococcal vaccine		2963	87.4%

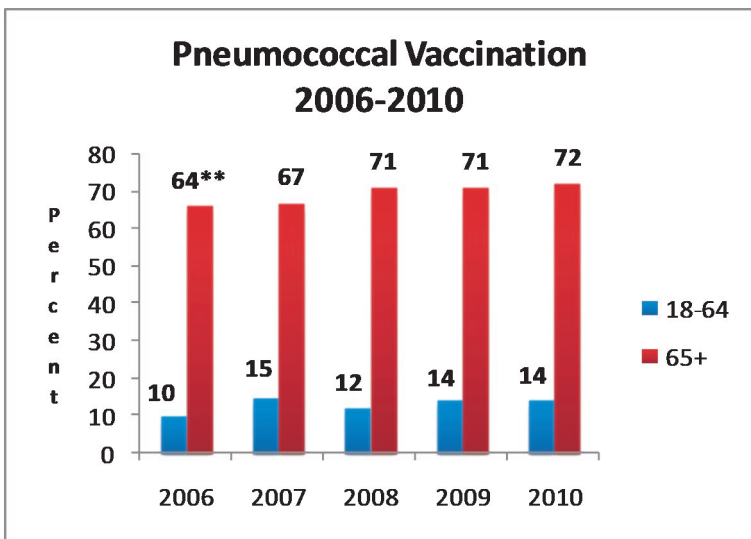
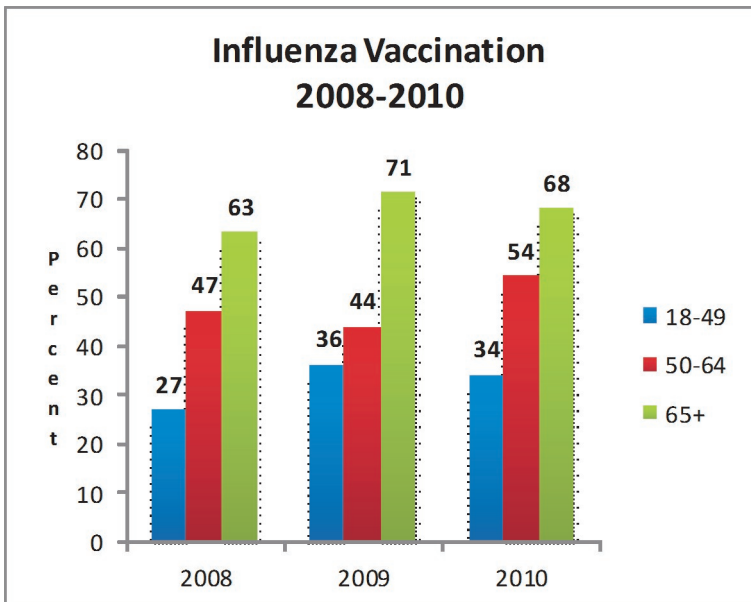
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	3872		
		Total	Percent
1 or more influenza vaccine		828	21.4%

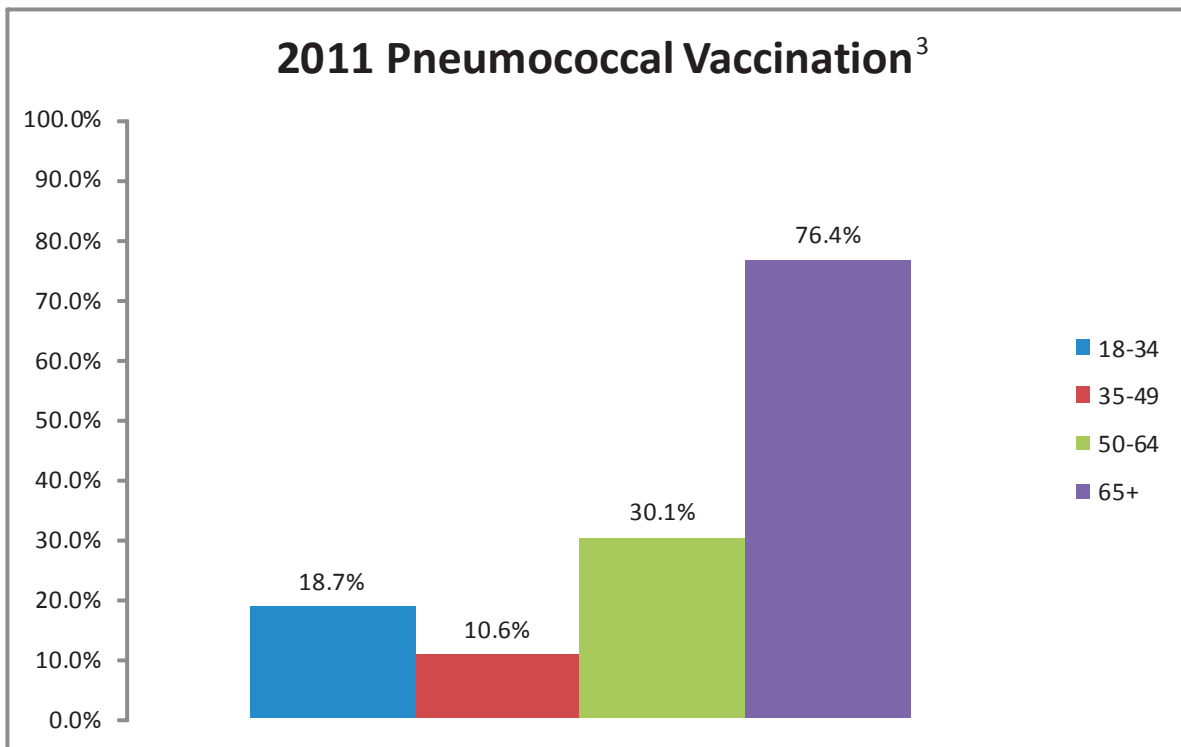
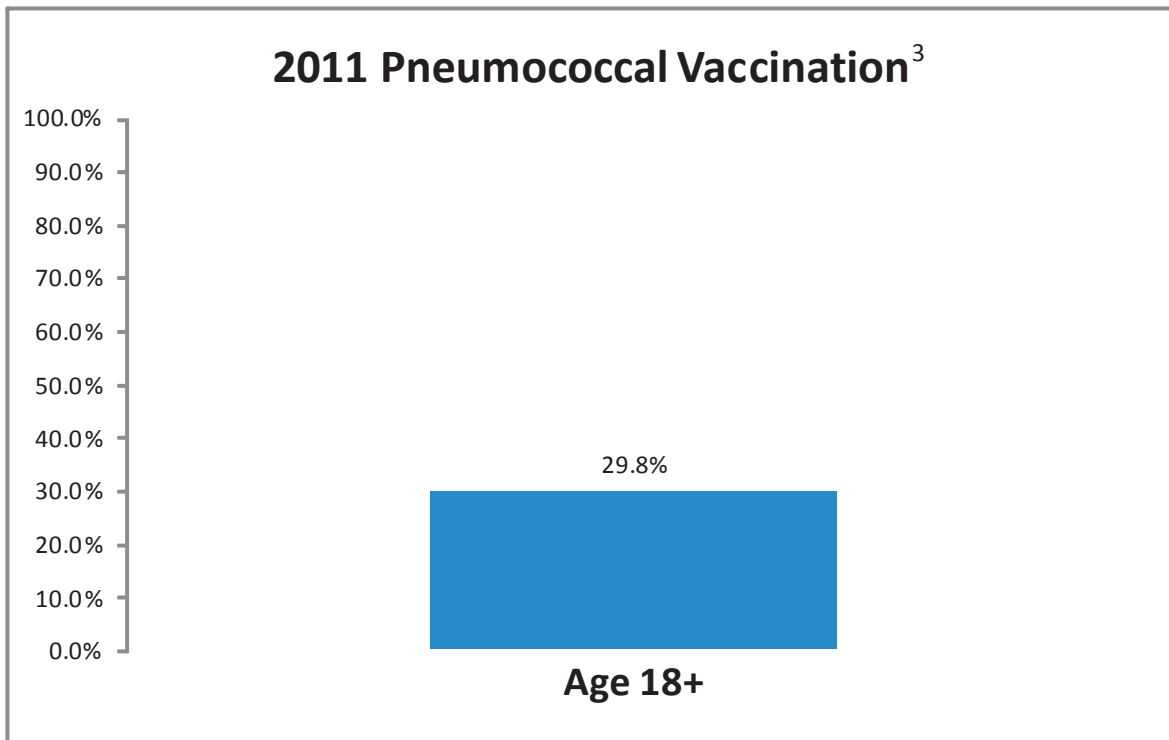
**Adequately Immunized by School District 2011<sup>6</sup>**

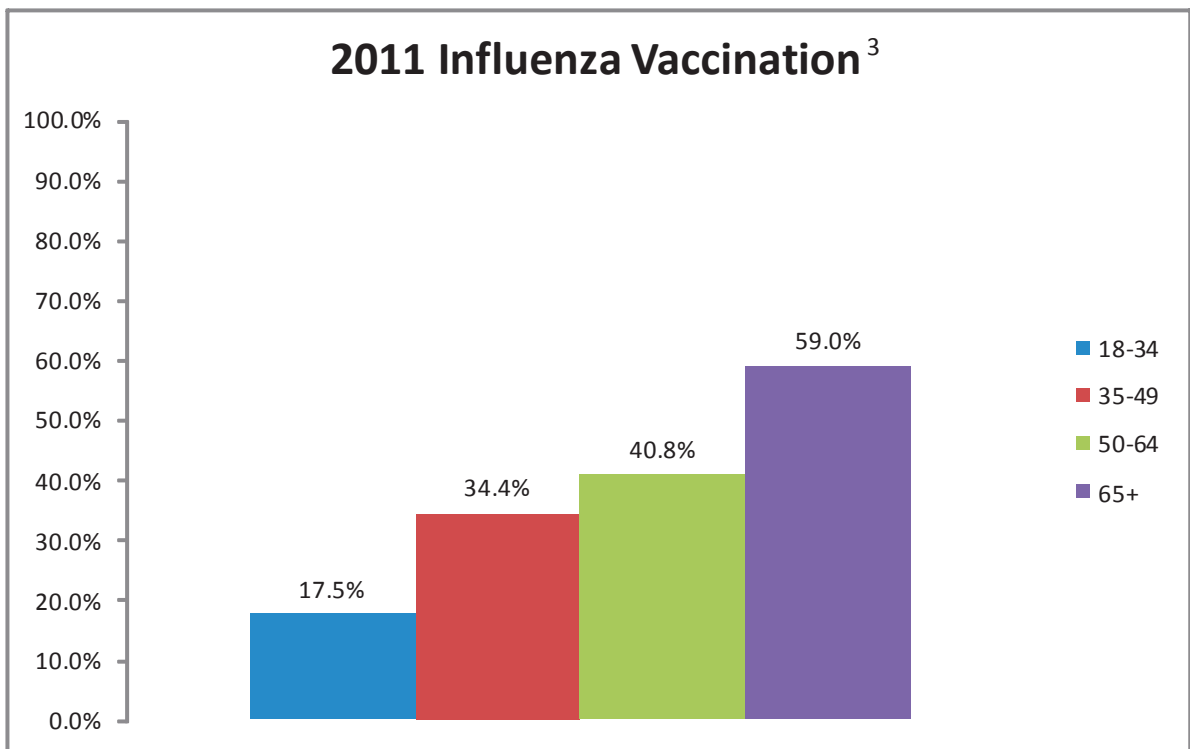
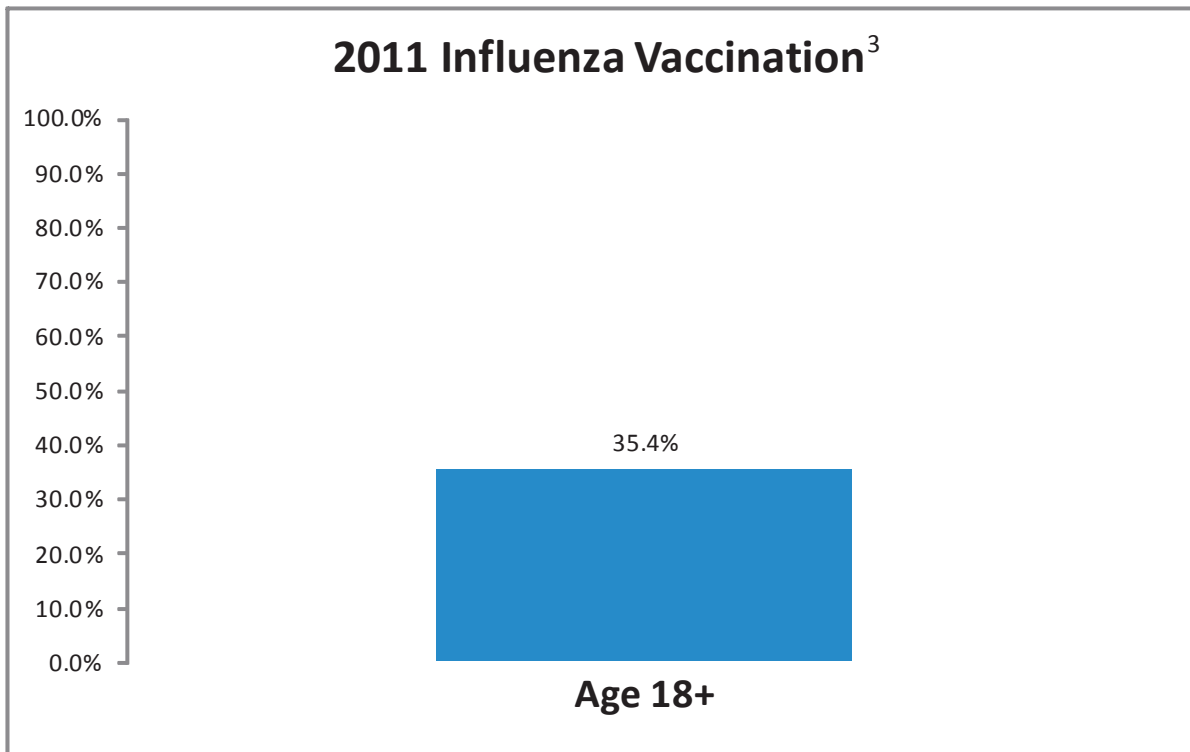
Wasatch	Wasatch	
	Adequately Immunized	Total Exemptions
Kindergarten School Entry	91.8%	5.6%
Second-Dose Measles (K-12)	96.3%	3.2%
7th Grade Entry	96.5%	3.2%

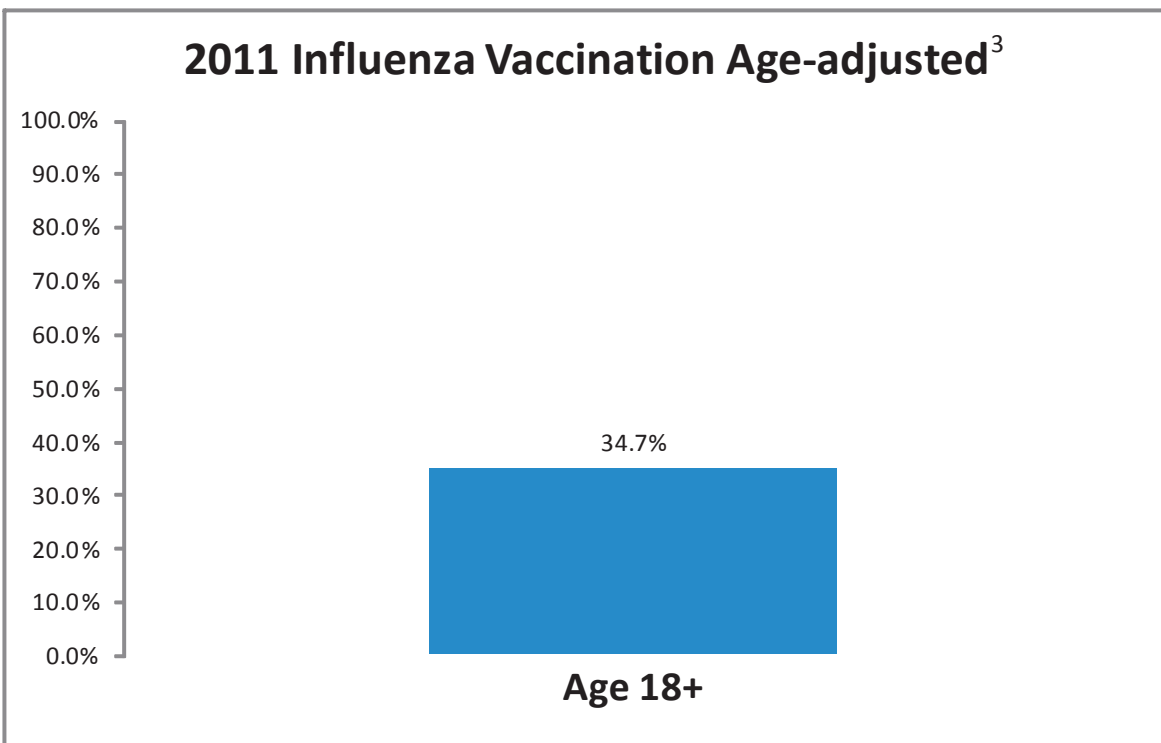
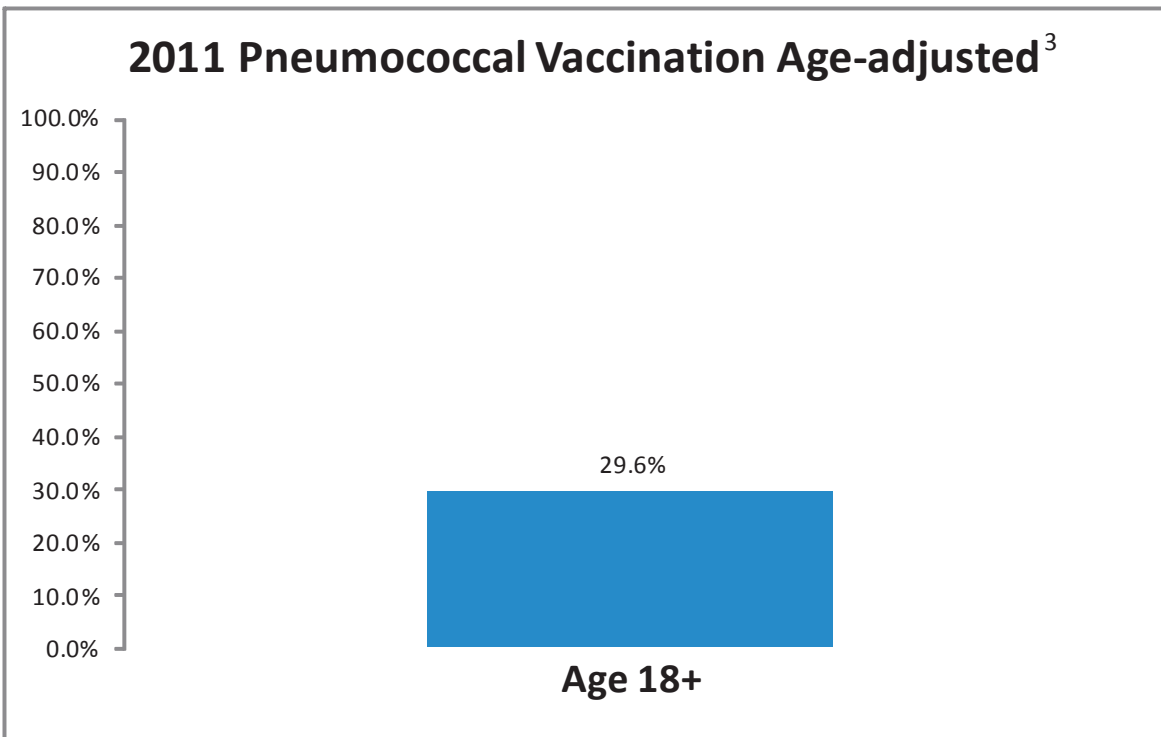
**Immunized for Child Care 2011<sup>6</sup>**

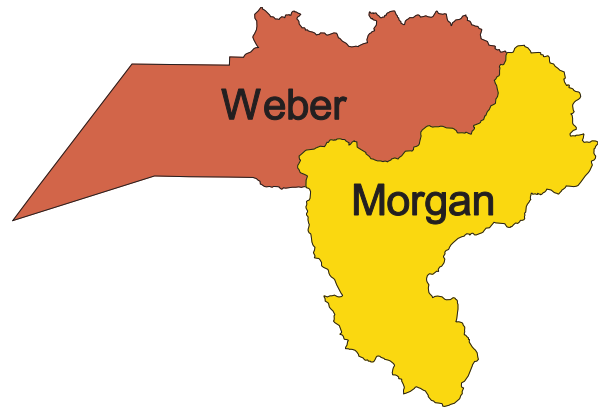
Wasatch	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	97.8%	2.2%
Head Start Centers	Reported in Utah Co HS	Reported in Utah Co HS











24-35 Months of Age <sup>6</sup>		
Children in USIIS born between 06/30/2009 and 06/30/2010		
Total	4456	
	Total	Percent
3 or more DTaP	3567	80.0%
4 or more DTaP	3397	76.2%
3 or more Polio	1556	34.9%
1 or more MMR	3270	73.4%
3 or more Hib	1003	22.5%
1 or more Hib	1003	22.5%
3 or more HepB	3340	75.0%
HepB birth dose	3872	86.9%
1 or more Varicella	3244	72.8%
3 or more PCV	3259	73.1%
4 or more PCV	2886	64.8%
2 or more HepA	2485	55.8%
1 or more Rotavirus	2886	64.8%
4:3:1	1415	31.8%
4:3:1:3	939	21.1%
4:3:1:4	1287	28.9%
4:3:1:3:3	937	21.0%
4:3:1:0:3:1	0	0.0%
4:3:1:3:3:1	928	20.8%
4:3:1:4:3:1	1274	28.6%
4:3:1:0:3:1:4	1274	28.6%
4:3:1:3:3:1:4	0	0.0%

≤ 3 Months of Age <sup>6</sup>		
Children in USIIS born between 03/30/2012 and 06/30/2012		
Total	1057	
	Total	Percent
1 or more DTaP	673	63.7%
1 or more Polio	259	24.5%
1 or more Hib	248	23.5%
1 or more HepB	1049	99.2%
2 or more HepB	665	62.9%
1 or more PCV	685	64.8%

≤ 5 Months of Age <sup>6</sup>		
Children in USIIS born between 01/30/2012 and 06/30/2012		
Total	1726	
	Total	Percent
2 or more DTaP	1226	71.0%
2 or more Polio	460	26.7%
2 or more Hib	192	11.1%
2 or more HepB	1216	70.5%
2 or more PCV	588	34.1%

<b>&lt; 13 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2011 and 07/30/2012</b>			
<b>Total</b>	<b>4405</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		3232	73.4%
<b>2 or more Polio</b>		1207	27.4%
<b>1 or more MMR</b>		272	6.2%
<b>2 or more Hib</b>		801	18.2%
<b>3 or more Hib</b>		449	10.2%
<b>1 or more Hib</b>		1204	27.3%
<b>2 or more HepB</b>		3203	72.7%
<b>3 or more HepB</b>		2225	50.5%
<b>1 or more Varicella</b>		261	5.9%
<b>3 or more PCV</b>		1695	38.5%

<b>&lt; 19 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 11/30/2010 and 06/30/2012</b>			
<b>Total</b>	<b>6556</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		5299	80.8%
<b>4 or more DTaP</b>		4420	67.4%
<b>3 or more Polio</b>		2011	30.7%
<b>1 or more MMR</b>		1937	29.5%
<b>3 or more Hib</b>		1029	15.7%
<b>1 or more Hib</b>		1029	15.7%
<b>3 or more HepB</b>		4099	62.5%
<b>1 or more Varicella</b>		1886	28.8%
<b>3 or more PCV</b>		3539	54.0%
<b>4:3:1</b>		779	11.9%
<b>4:3:1:3</b>		572	8.7%
<b>4:3:1:4</b>		635	9.7%
<b>4:3:1:3:3</b>		571	8.7%
<b>4:3:1:0:3</b>		776	11.8%
<b>4:3:1:4:3</b>		303	4.6%
<b>4:3:1:3:3:1</b>		750	11.4%
<b>4:3:1:0:3:1</b>		750	11.4%
<b>4:3:1:4:3:1</b>		750	11.4%

<b>&lt; 24 Months of Age<sup>6</sup></b>			
<b>Children in USIIS born between 06/30/2010 and 06/30/2010</b>			
<b>Total</b>	<b>8359</b>		
		<b>Total</b>	<b>Percent</b>
<b>3 or more DTaP</b>		6774	81.0%
<b>4 or more DTaP</b>		5803	69.4%
<b>3 or more Polio</b>		2598	31.1%
<b>1 or more MMR</b>		3281	39.3%
<b>3 or more Hib</b>		1425	17.0%
<b>1 or more Hib</b>		1425	17.0%
<b>3 or more HepB</b>		5442	65.1%
<b>1 or more Varicella</b>		3206	38.4%
<b>3 or more PCV</b>		4835	57.8%
<b>4 or more PCV</b>		2477	29.6%
<b>4:3:1</b>		1292	15.5%
<b>4:3:1:3</b>		935	11.2%
<b>4:3:1:4</b>		1093	13.1%
<b>4:3:1:3:3</b>		934	11.2%
<b>4:3:1:0:3</b>		1289	15.4%
<b>4:3:1:4:3</b>		572	6.8%
<b>4:3:1:3:3:1</b>		1250	15.0%
<b>4:3:1:0:3:1</b>		1250	15.0%
<b>4:3:1:4:3:1</b>		563	6.7%



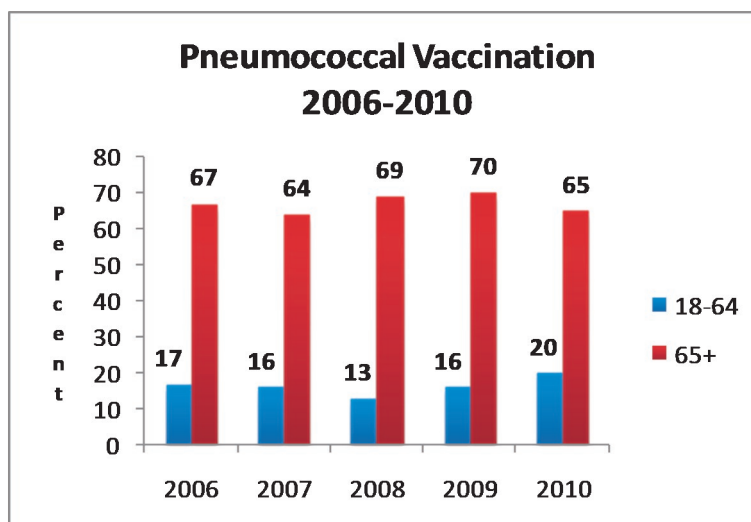
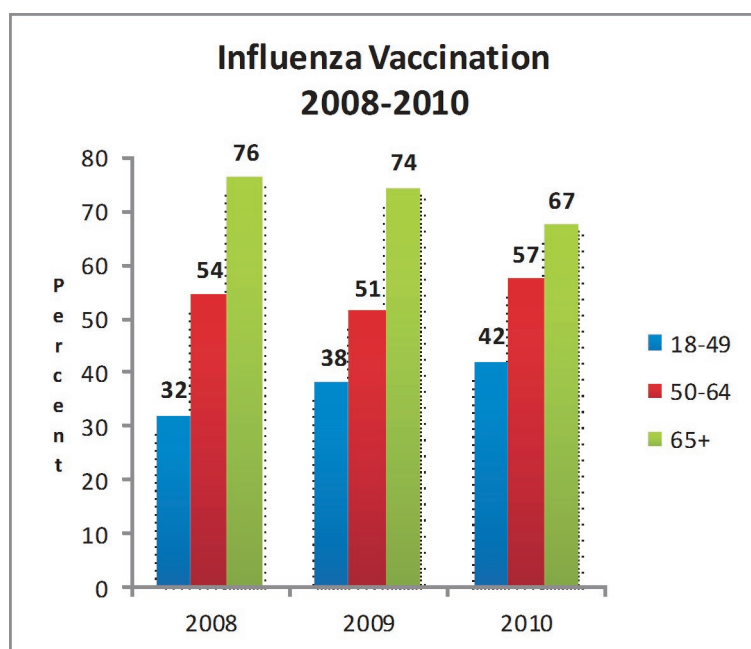
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	29046		
		Total	Percent
1 HPV		4813	16.6%
2 HPV		3085	10.6%
3 HPV		1996	6.9%

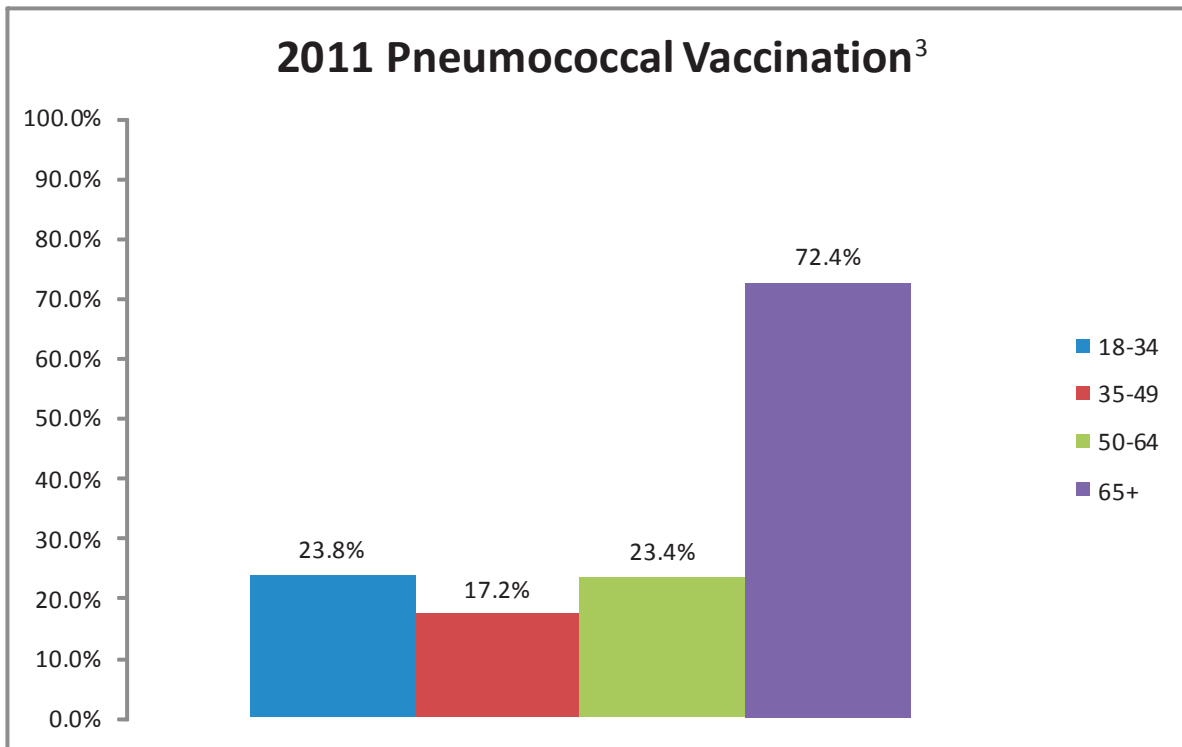
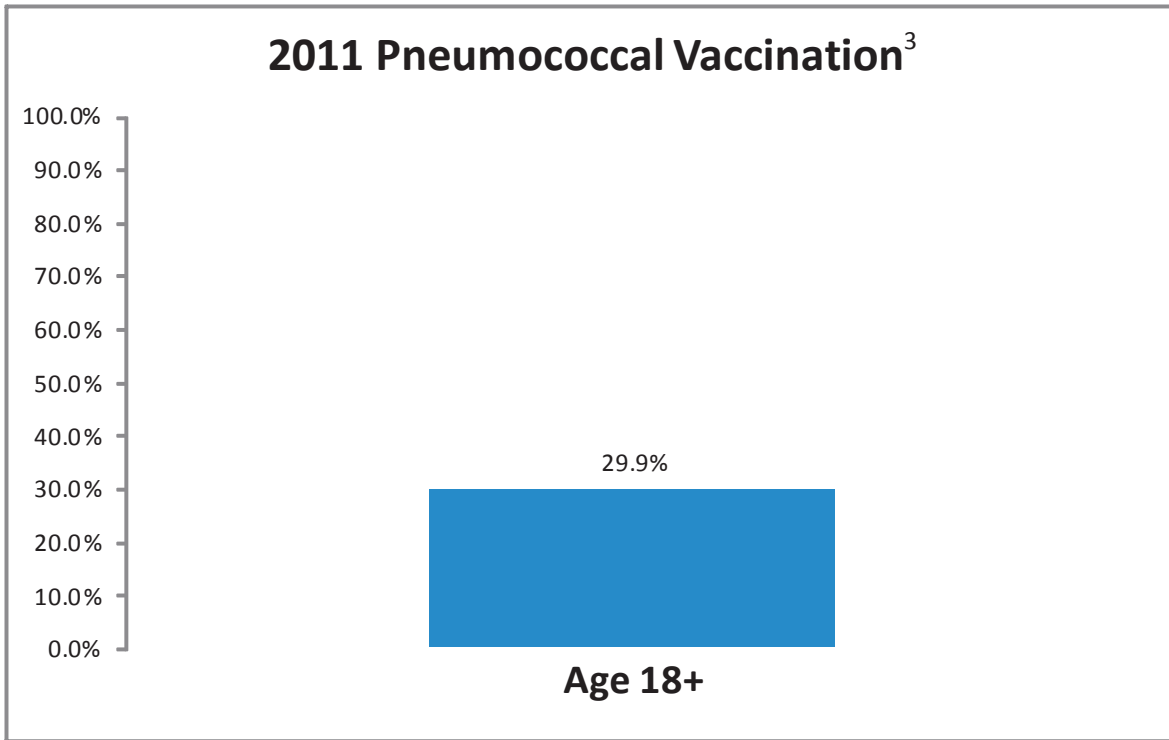
12 - 17 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1994 and 06/30/2000			
Total	29046		
		Total	Percent
1 or more meningococcal vaccine		17476	60.2%

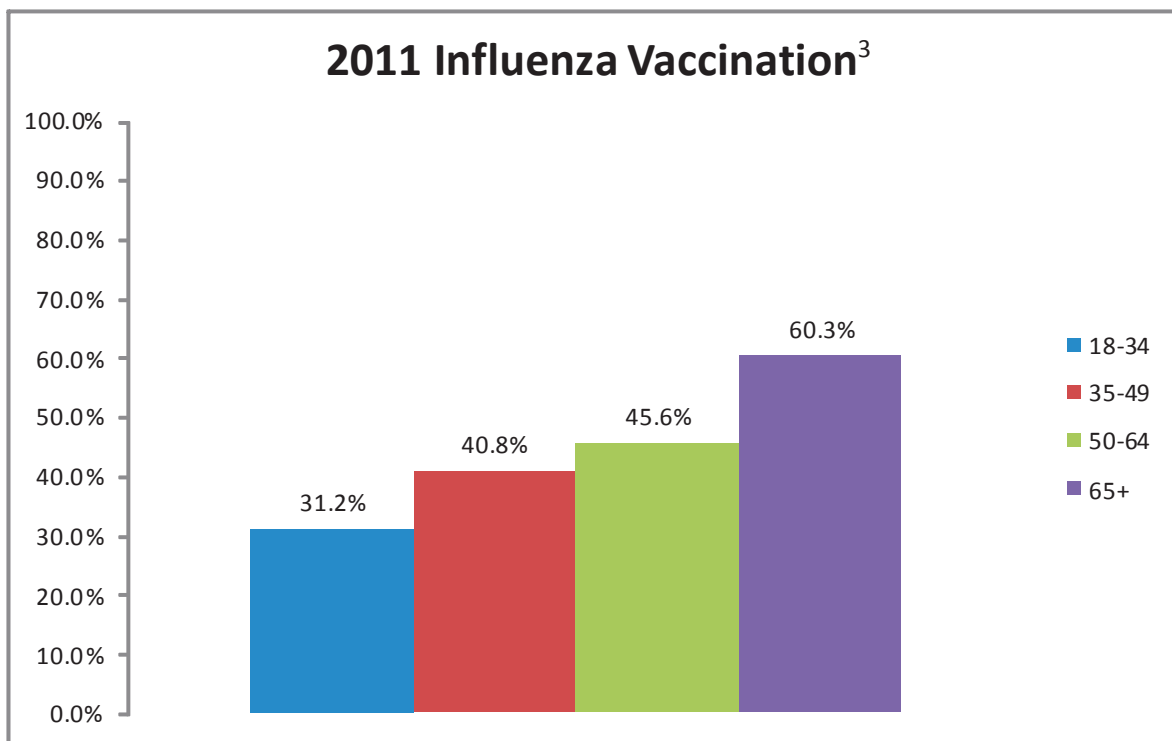
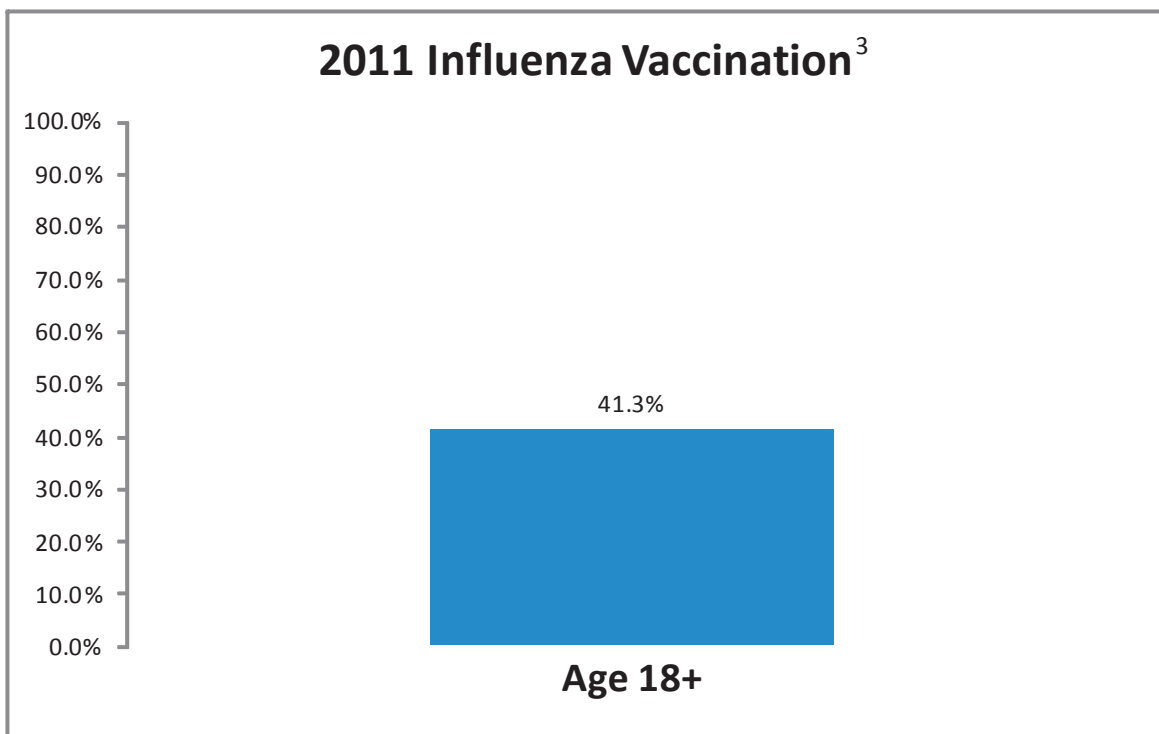
< 18 Years of Age <sup>6</sup>			
Children in USIIS born between 06/30/1993 and 06/30/2000			
Total	33638		
		Total	Percent
1 or more influenza vaccine		5033	15.0%

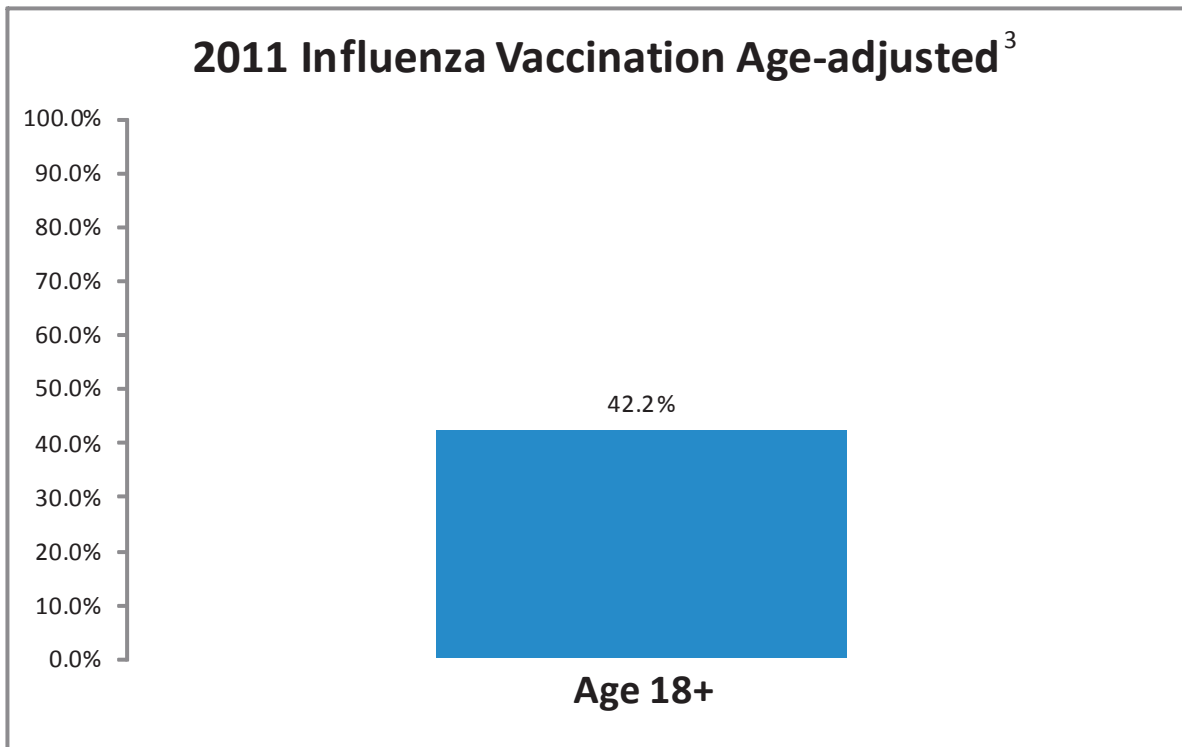
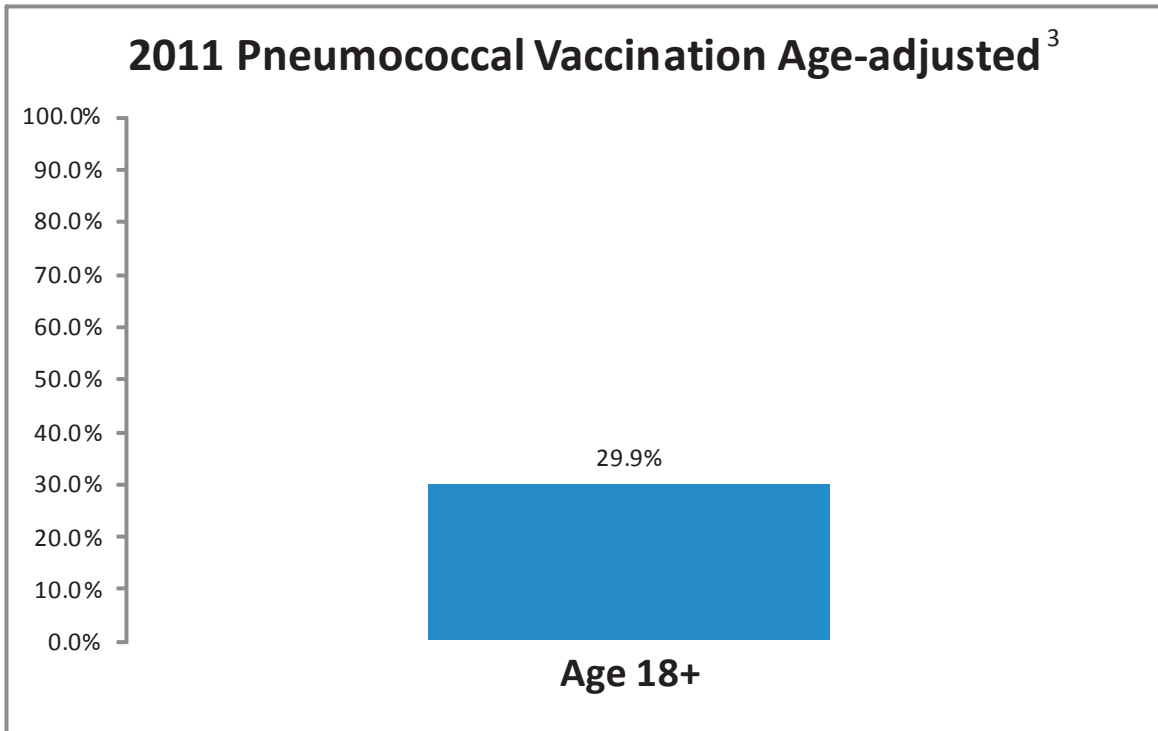
Adequately Immunized by School District 2011 <sup>6</sup>						
Weber-Morgan	Morgan		Ogden		Weber	
	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions	Adequately Immunized	Total Exemptions
Kindergarten School Entry	94.9%	2.3%	87.0%	1.7%	95.2%	1.8%
Second-Dose Measles(K-12)	97.2%	2.8%	97.4%	1.7%	98.1%	1.8%
7th Grade Entry	96.9%	2.6%	71.9%	2.2%	97.6%	2.0%

Immunized for Child Care 2011 <sup>6</sup>		
Weber-Morgan	Adequately Immunized	Total Exemptions
Child Care Facilities and Preschools	91.6%	2.0%
Head Start Centers	95.1%	0.8%







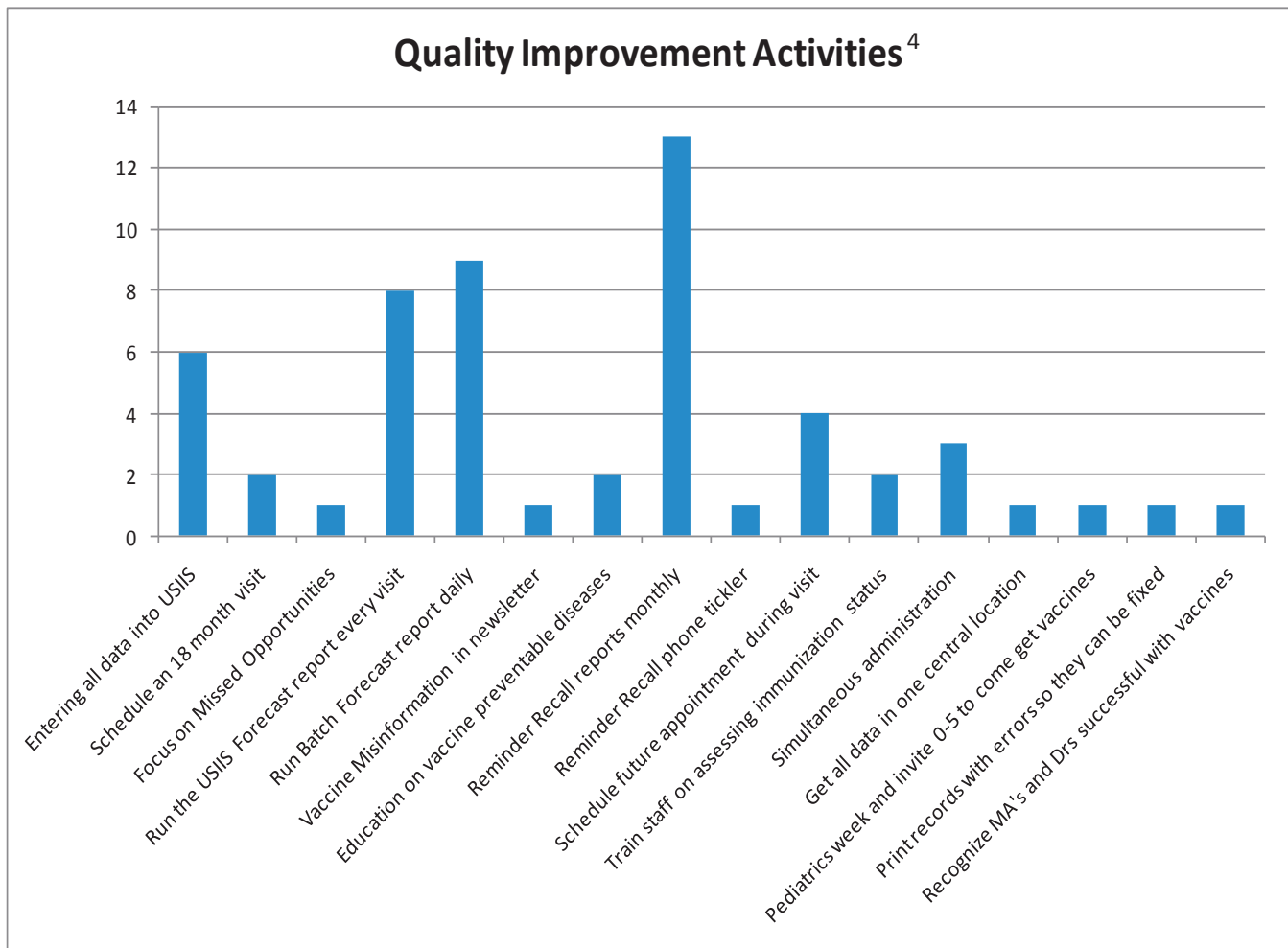


# Appendix A: AFIX (Assessment, Feedback, Incentive, eXchange) 2012

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).

In 2012, 253 AFIX visits were conducted. Thirty-four of these 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 included:

- ◆ Running reminder recall reports monthly.
- ◆ 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).
- ◆ Reminding parents to bring immunization records when calling to remind of appointments.
- ◆ Scheduling the next visit before the patient leaves. Conducting reminder phone calls or letters for appointments.
- ◆ Repeat assessments to 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 and 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 300 of the care facilities now operating reported for 2011.

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: 300 Facilities

	Number	Flu	Pneumococcal
<b>Residents</b>	<b>16,223</b>	<b>77.1%</b>	<b>58.7%</b>
	Number	Flu	Hepatitis B
<b>All Employees</b>	<b>17,376</b>	<b>55.6%</b>	<b>NA</b>
<b>Employees with Direct Patient Care</b>	<b>12,980</b>	<b>NA</b>	<b>54.5%</b>

<b>Bear River Health District: 19 Facilities</b>			
	<b>Number</b>	<b>Flu</b>	<b>Pneumococcal</b>
<b>Residents</b>	<b>821</b>	<b>74.5%</b>	<b>63.2%</b>
	<b>Number</b>	<b>Flu</b>	<b>Hepatitis B</b>
<b>All Employees</b>	<b>1,362</b>	<b>64.2%</b>	<b>NA</b>
<b>Employees with Direct Patient Care</b>	<b>1,049</b>	<b>NA</b>	<b>60.3%</b>

<b>Central Utah Public Health District: 17 Facilities</b>			
	<b>Number</b>	<b>Flu</b>	<b>Pneumococcal</b>
<b>Residents</b>	<b>425</b>	<b>84.9%</b>	<b>71.8%</b>
	<b>Number</b>	<b>Flu</b>	<b>Hepatitis B</b>
<b>All Employees</b>	<b>594</b>	<b>73.4%</b>	<b>NA</b>
<b>Employees with Direct Patient Care</b>	<b>482</b>	<b>NA</b>	<b>63.7%</b>

<b>Davis County Health District: 30 Facilities</b>			
	<b>Number</b>	<b>Flu</b>	<b>Pneumococcal</b>
<b>Residents</b>	<b>1,921</b>	<b>77.4%</b>	<b>57.3%</b>
	<b>Number</b>	<b>Flu</b>	<b>Hepatitis B</b>
<b>All Employees</b>	<b>1,987</b>	<b>62.0%</b>	<b>NA</b>
<b>Employees with Direct Patient Care</b>	<b>1,548</b>	<b>NA</b>	<b>51.4%</b>

<b>Salt Lake Valley Health District: 93 Facilities</b>			
	<b>Number</b>	<b>Flu</b>	<b>Pneumococcal</b>
<b>Residents</b>	<b>6,522</b>	<b>76.9%</b>	<b>57.6%</b>
	<b>Number</b>	<b>Flu</b>	<b>Hepatitis B</b>
<b>All Employees</b>	<b>6,057</b>	<b>53.4%</b>	<b>NA</b>
<b>Employees with Direct Patient Care</b>	<b>4,409</b>	<b>NA</b>	<b>49.7%</b>



Southeastern Utah Public Health District: 8 Facilities			
	Number	Flu	Pneumococcal
Residents	324	81.2%	36.7%
	Number	Flu	Hepatitis B
All Employees	351	49.9%	NA
Employees with Direct Patient Care	264	NA	39.4%

Southwest Utah Public Health District: 36 Facilities			
	Number	Flu	Pneumococcal
Residents	1,479	78.4%	56.0%
	Number	Flu	Hepatitis B
All Employees	1,663	56.3%	NA
Employees with Direct Patient Care	1,206	NA	51.5%

Summit County Health District: 1 Facility			
	Number	Flu	Pneumococcal
Residents	39	76.9%	0.0%
	Number	Flu	Hepatitis B
All Employees	30	26.7%	NA
Employees with Direct Patient Care	16	NA	31.3%

Tooele County Health District: 5 Facilities			
	Number	Flu	Pneumococcal
Residents	145	91.0%	59.3%
	Number	Flu	Hepatitis B
All Employees	201	75.6%	NA
Employees with Direct Patient Care	191	NA	88.0%

TriCounty Health District: 6 Facilities			
	Number	Flu	Pneumococcal
Residents	283	80.2%	68.6%
	Number	Flu	Hepatitis B
All Employees	564	73.8%	NA
Employees with Direct Patient Care	438	NA	82.9%

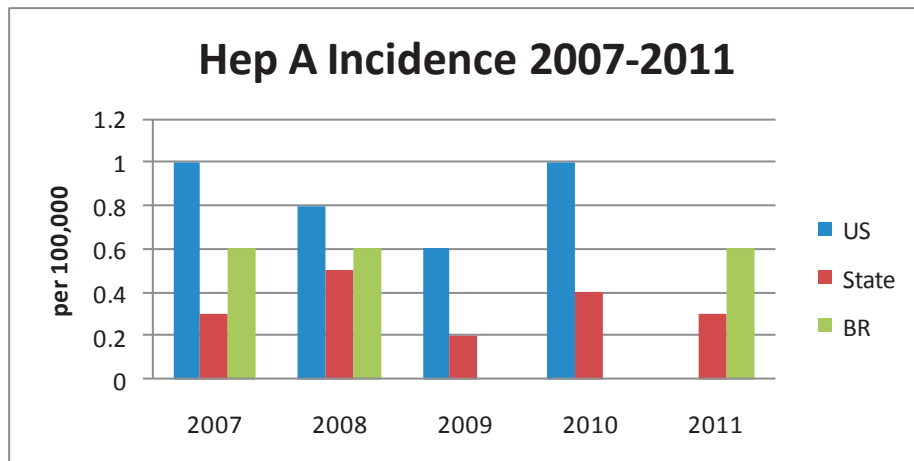
Utah County Health District: 61 Facilities			
	Number	Flu	Pneumococcal
Residents	2,383	75.5%	64.6%
	Number	Flu	Hepatitis B
All Employees	2,849	48.1%	NA
Employees with Direct Patient Care	2,082	NA	55.0%

Wasatch County Health District: 2 Facilities			
	Number	Flu	Pneumococcal
Residents	46	78.3%	76.1%
	Number	Flu	Hepatitis B
All Employees	47	85.1%	NA
Employees with Direct Patient Care	32	NA	56.3%

Weber-Morgan Health District: 22 Facilities			
	Number	Flu	Pneumococcal
Residents	1,835	75.3%	56.0%
	Number	Flu	Hepatitis B
All Employees	1,671	46.9%	NA
Employees with Direct Patient Care	1,263	NA	57.2%

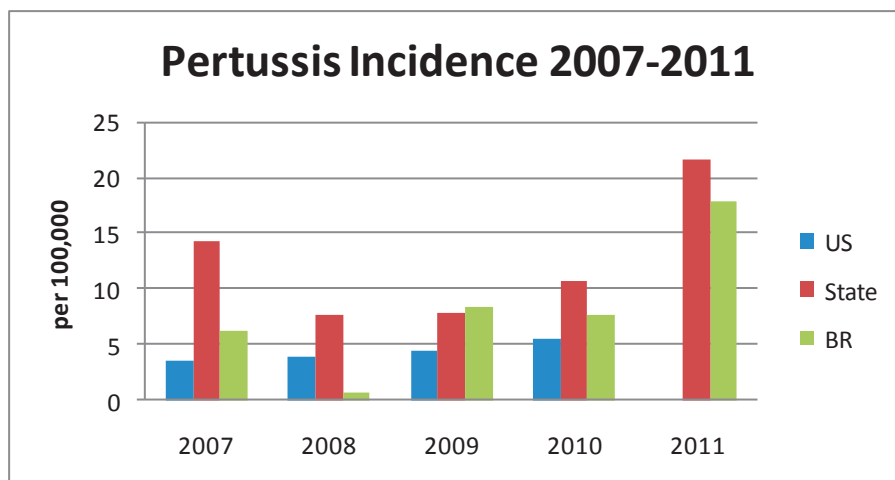
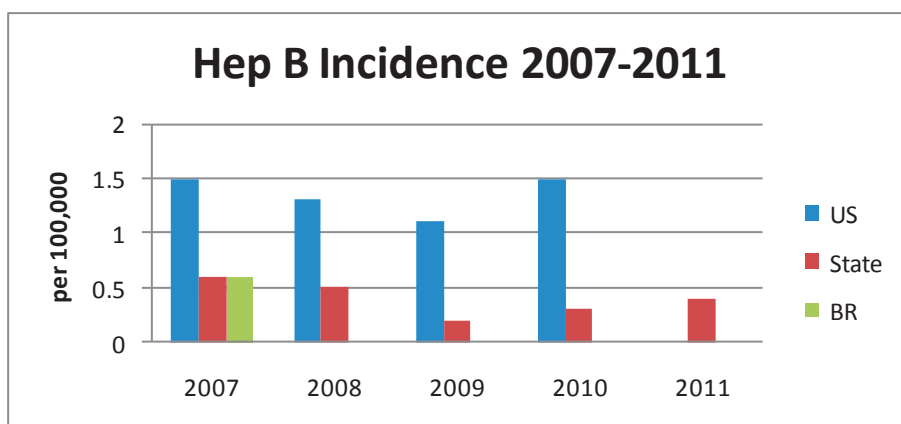
## Bear River Health District

Hepatitis A, Hepatitis B, and Pertussis are diseases that 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 Centers for Disease Control and Prevention (CDC). The 2011 U.S. rates were estimated from provisional data found on the CDC website. The 2011 U.S. data should be viewed as only an estimate. Pertussis incidence is an estimate based on numbers reported to date and could be much higher.



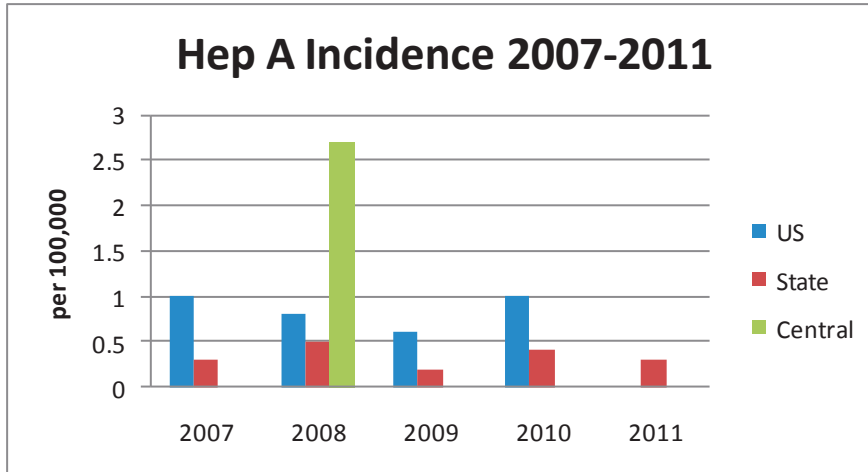
Hepatitis A			
Year	US	State	BR
2007	1.0	0.3	0.6
2008	0.8	0.5	0.6
2009	0.6	0.2	0.0
2010	1.0	0.4	0.0
2011	1.0	0.3	0.6

Hepatitis B			
Year	US	State	BR
2007	1.5	0.6	0.6
2008	1.3	0.5	0.0
2009	1.1	0.2	0.0
2010	1.5	0.3	0.0
2011	1.5	0.4	0.0



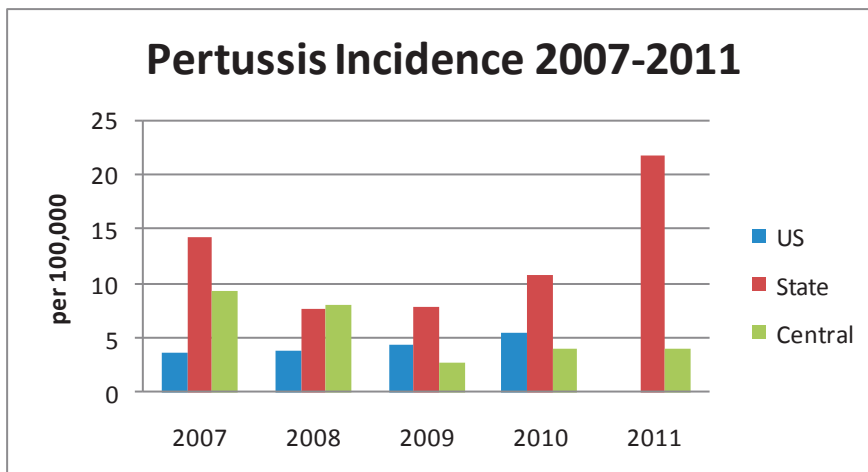
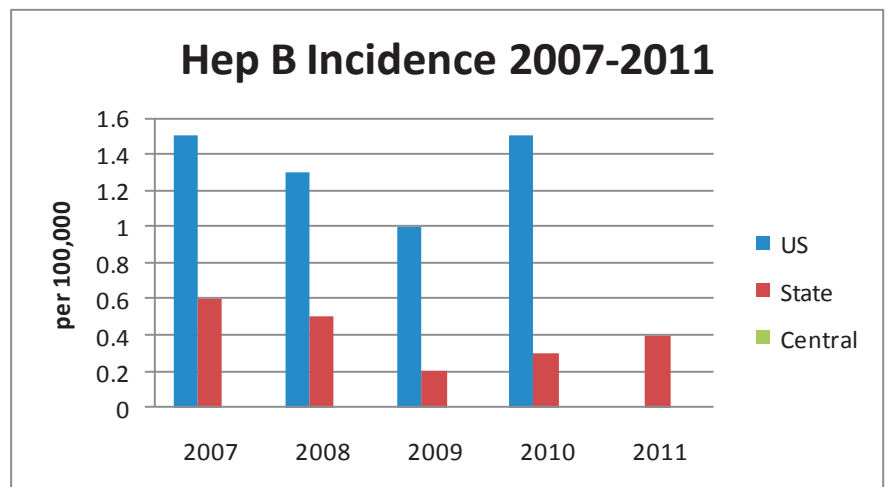
Pertussis			
Year	US	State	BR
2007	3.6	14.3	6.3
2008	3.8	7.6	0.6
2009	4.4	7.8	8.4
2010	5.5	10.7	7.7
2011	5.5	21.7	17.8

## Central Utah Public Health District



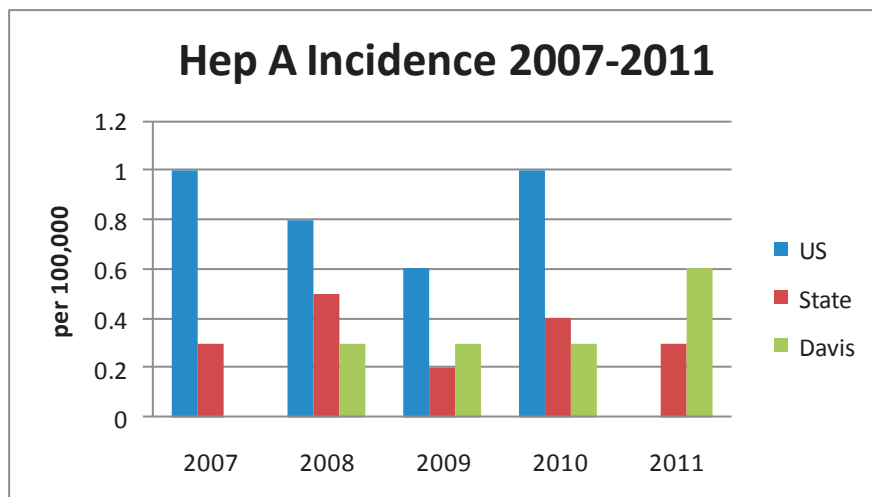
Hepatitis A			
Year	US	State	Central
2007	1.0	0.3	0.0
2008	0.8	0.5	2.7
2009	0.6	0.2	0.0
2010	1.0	0.4	0.0
2011		0.3	0.0

Hepatitis B			
Year	US	State	Central
2007	1.5	0.6	0.0
2008	1.3	0.5	0.0
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	0.0



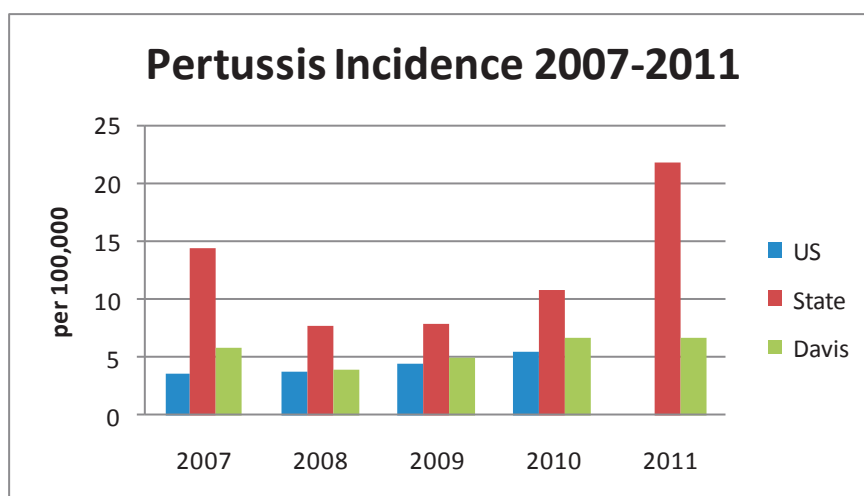
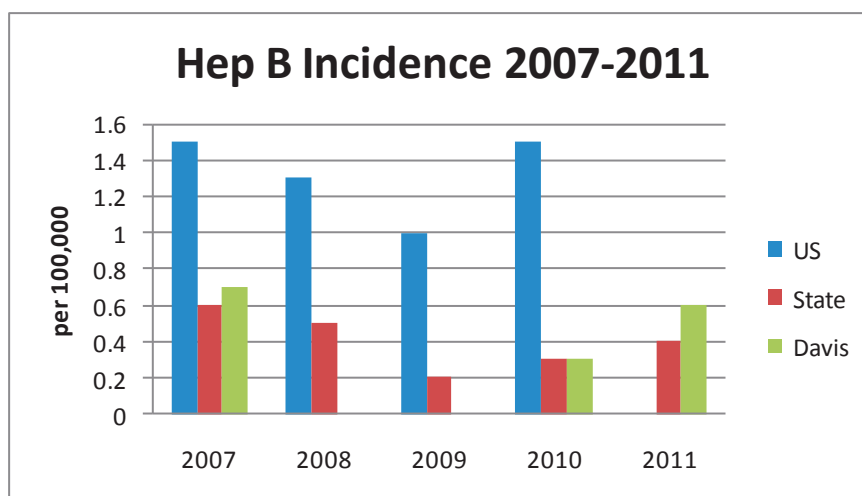
Pertussis			
Year	US	State	Central
2007	3.6	14.3	9.3
2008	3.8	7.6	8.0
2009	4.4	7.8	2.6
2010	5.5	10.7	3.9
2011		21.7	3.9

## Davis County Health District



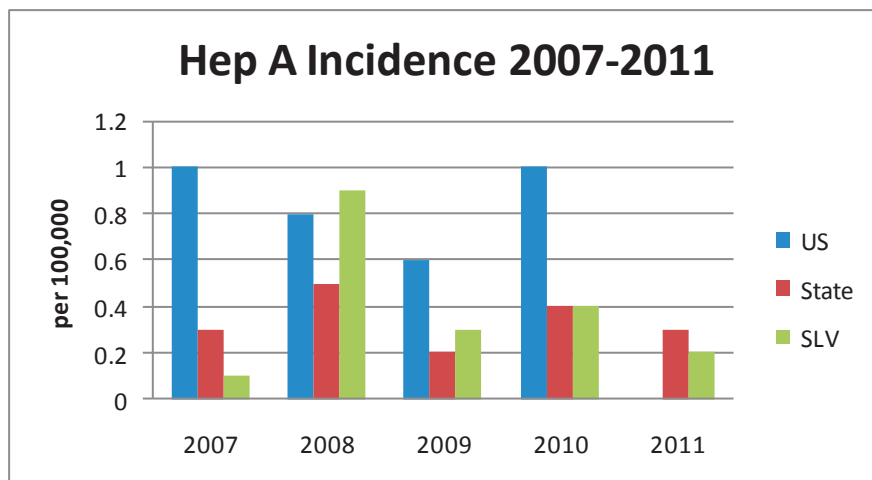
Hepatitis A			
Year	US	State	Davis
2007	1.0	0.3	0.0
2008	0.8	0.5	0.3
2009	0.6	0.2	0.3
2010	1.0	0.4	0.3
2011		0.3	0.6

Hepatitis B			
Year	US	State	Davis
2007	1.5	0.6	0.7
2008	1.3	0.5	0.0
2009	1.0	0.2	0.0
2010	1.5	0.3	0.3
2011		0.4	0.6



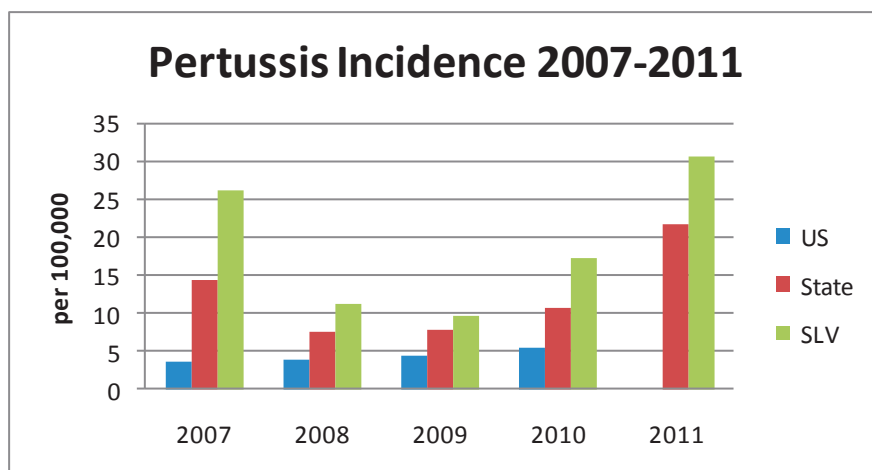
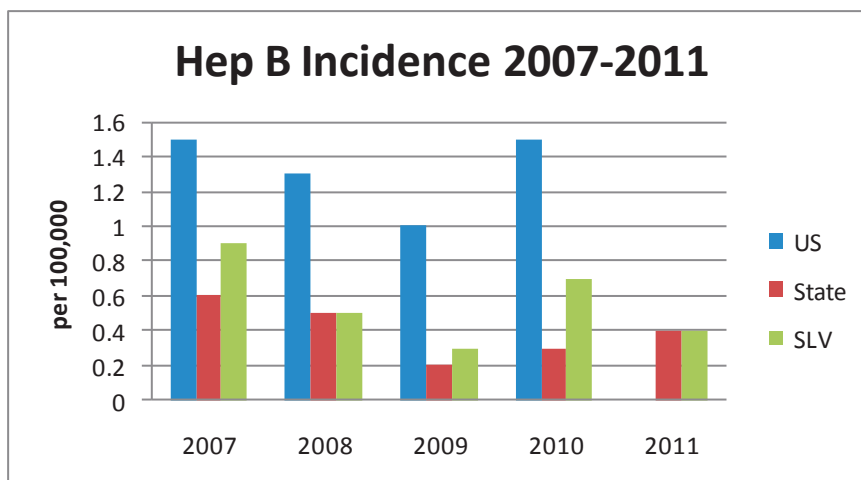
Pertussis			
Year	US	State	Davis
2007	3.6	14.3	5.7
2008	3.8	7.6	3.9
2009	4.4	7.8	4.9
2010	5.5	10.7	6.7
2011		21.7	6.7

## Salt Lake Valley Health District



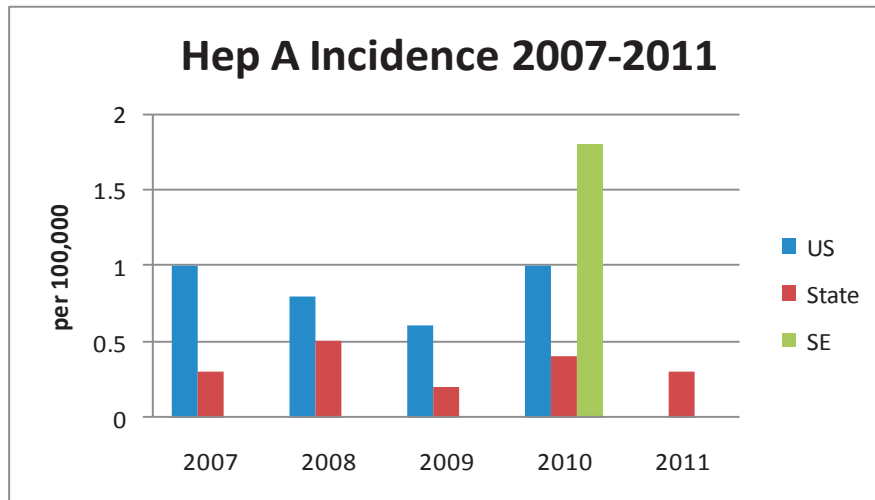
Hepatitis A			
Year	US	State	SLV
2007	1.0	0.3	0.1
2008	0.8	0.5	0.9
2009	0.6	0.2	0.3
2010	1.0	0.4	0.4
2011		0.3	0.2

Hepatitis B			
Year	US	State	SLV
2007	1.5	0.6	0.9
2008	1.3	0.5	0.5
2009	1.0	0.2	0.3
2010	1.5	0.3	0.7
2011		0.4	0.4



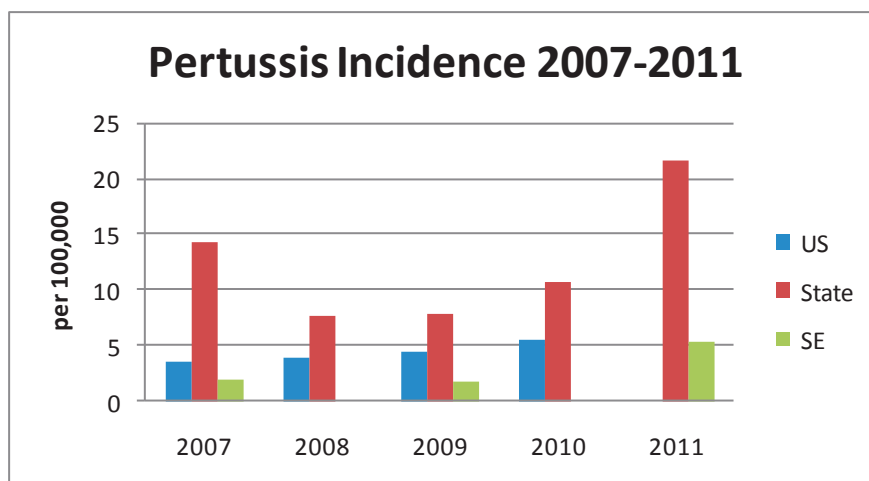
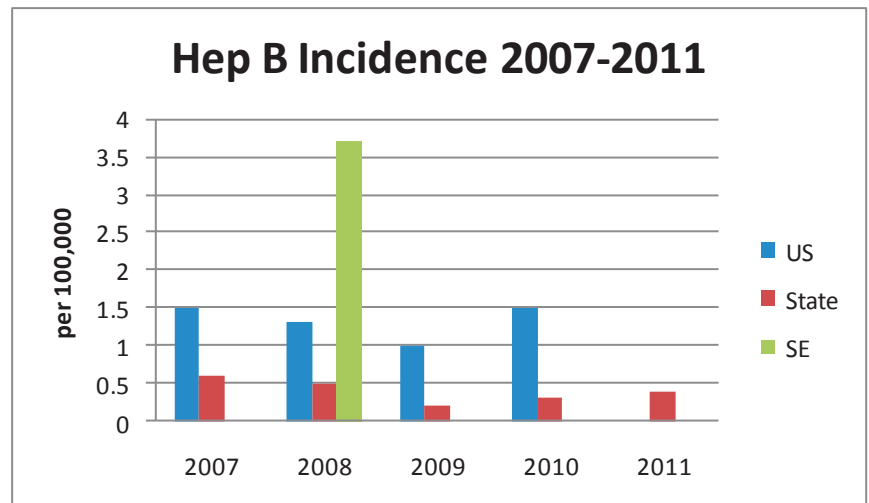
Pertussis			
Year	US	State	SLV
2007	3.6	14.3	26.0
2008	3.8	7.6	11.2
2009	4.4	7.8	9.7
2010	5.5	10.7	17.2
2011		21.7	30.6

## Southeastern Utah Health District



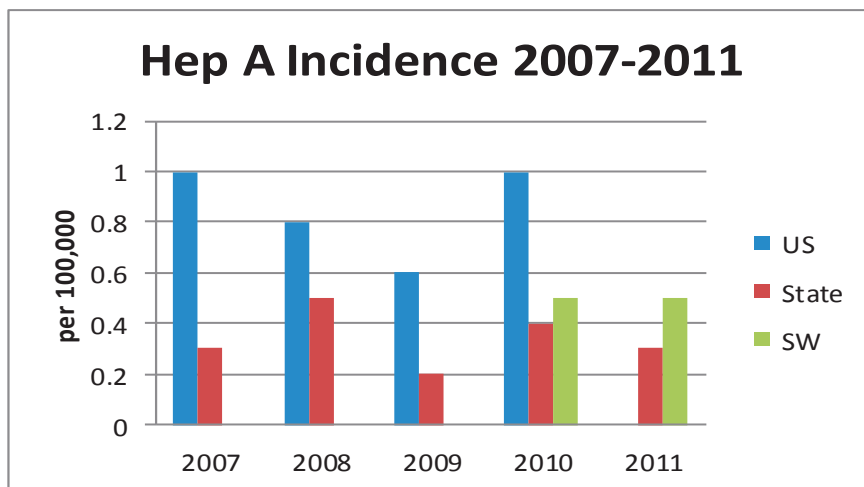
Hepatitis A			
Year	US	State	SE
2007	1.0	0.3	0.0
2008	0.8	0.5	0.0
2009	0.6	0.2	0.0
2010	1.0	0.4	1.8
2011		0.3	0.0

Hepatitis B			
Year	US	State	SE
2007	1.5	0.6	0.0
2008	1.3	0.5	3.7
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	0.0



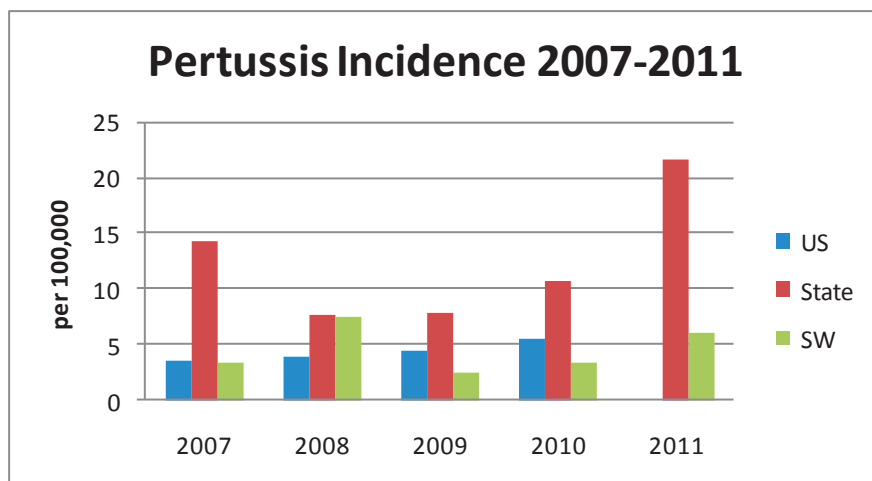
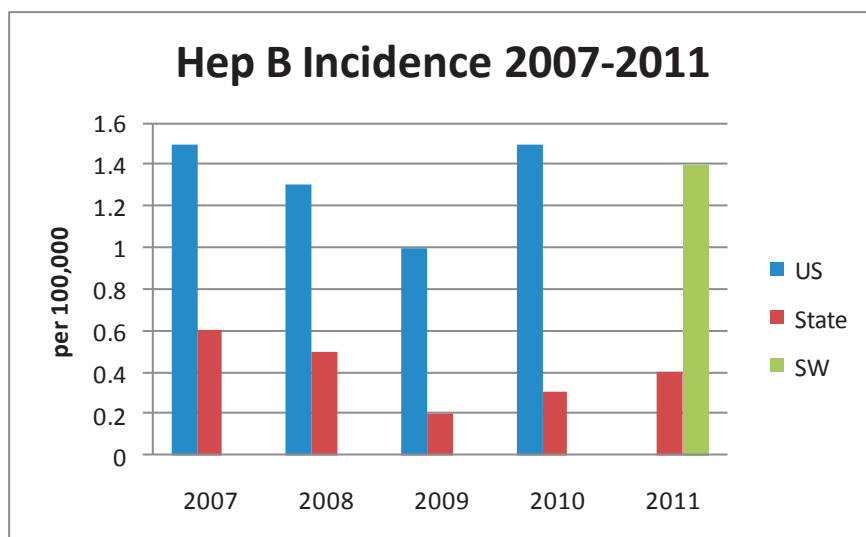
Pertussis			
Year	US	State	SE
2007	3.6	14.3	1.9
2008	3.8	7.6	0.0
2009	4.4	7.8	1.8
2010	5.5	10.7	0.0
2011		21.7	5.3

## Southwest Utah Public Health District



Hepatitis A			
Year	US	State	SW
2007	1.0	0.3	0.0
2008	0.8	0.5	0.0
2009	0.6	0.2	0.0
2010	1.0	0.4	0.5
2011		0.3	0.5

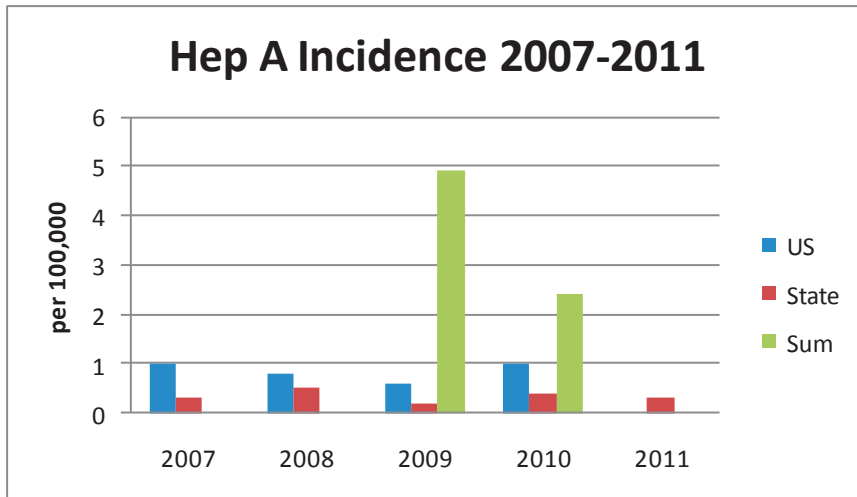
Hepatitis B			
Year	US	State	SW
2007	1.5	0.6	0.0
2008	1.3	0.5	0.0
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	1.4



Pertussis			
Year	US	State	SW
2007	3.6	14.3	3.4
2008	3.8	7.6	7.4
2009	4.4	7.8	2.4
2010	5.5	10.7	3.3
2011		21.7	6.1

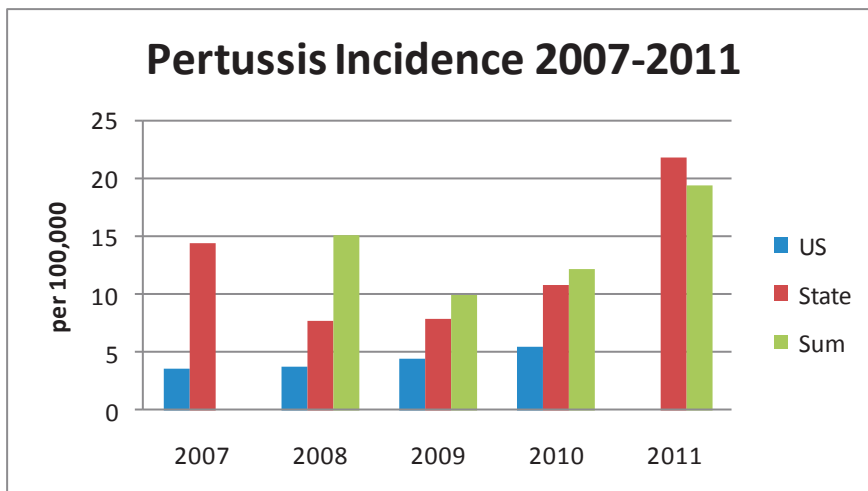
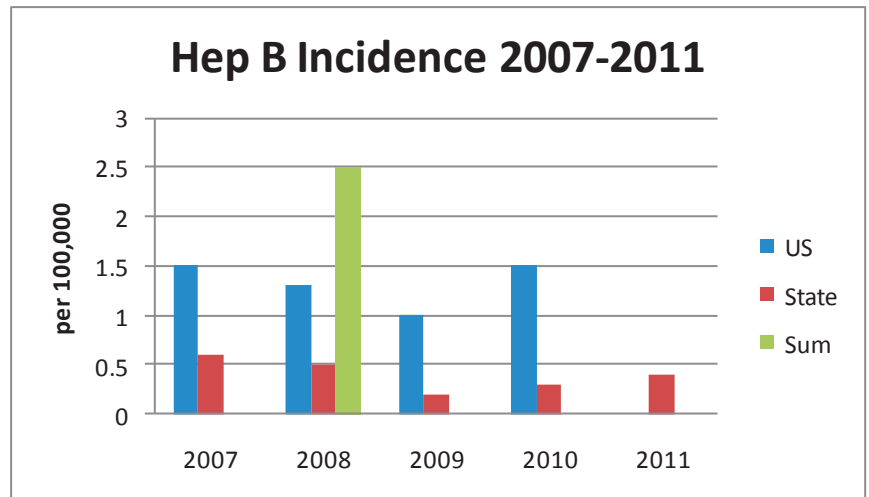


## Summit County Health District



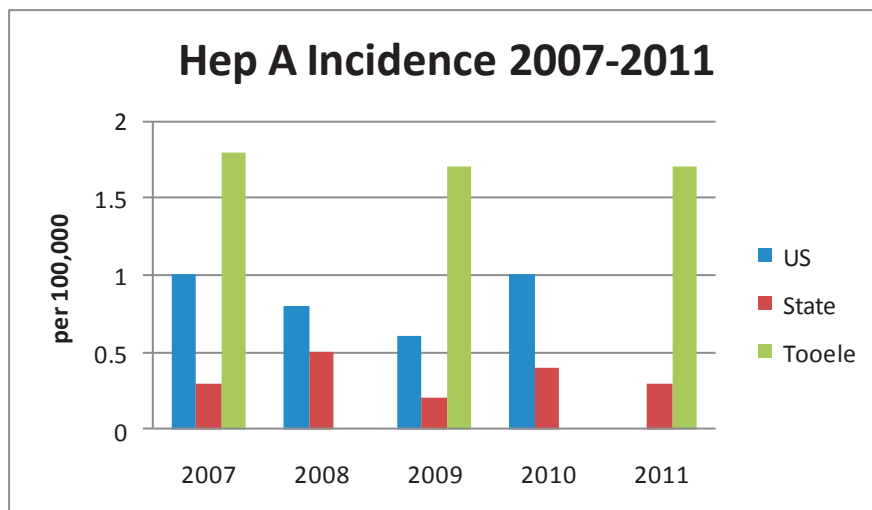
Hepatitis A			
Year	US	State	Sum
2007	1.0	0.3	0.0
2008	0.8	0.5	0.0
2009	0.6	0.2	4.9
2010	1.0	0.4	2.4
2011		0.3	0.0

Hepatitis B			
Year	US	State	Sum
2007	1.5	0.6	0.0
2008	1.3	0.5	2.5
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	0.0



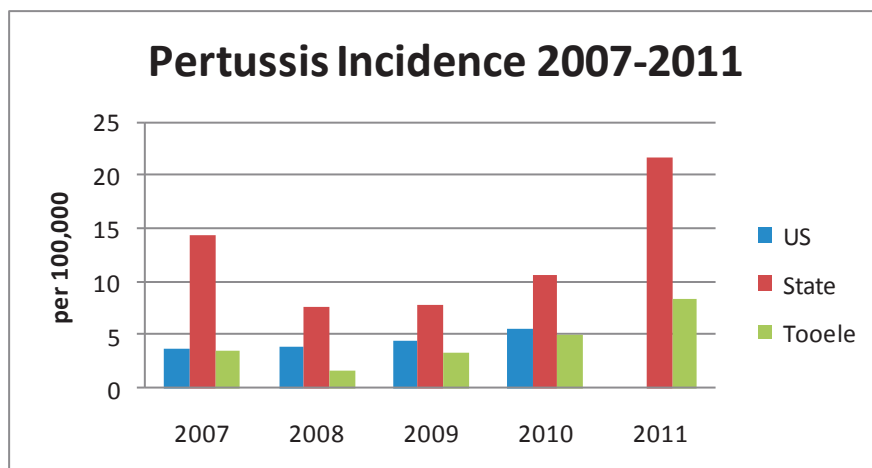
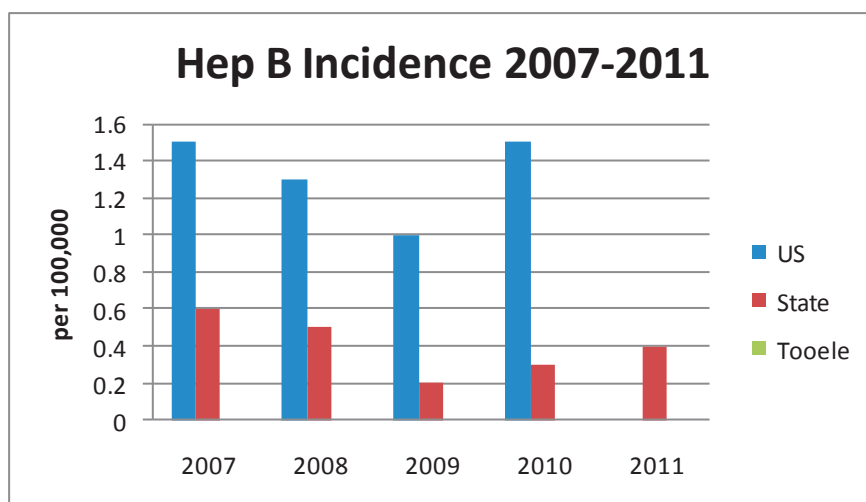
Pertussis			
Year	US	State	Sum
2007	3.6	14.3	0.0
2008	3.8	7.6	15.1
2009	4.4	7.8	9.9
2010	5.5	10.7	12.2
2011		21.7	19.4

## Tooele County Health District



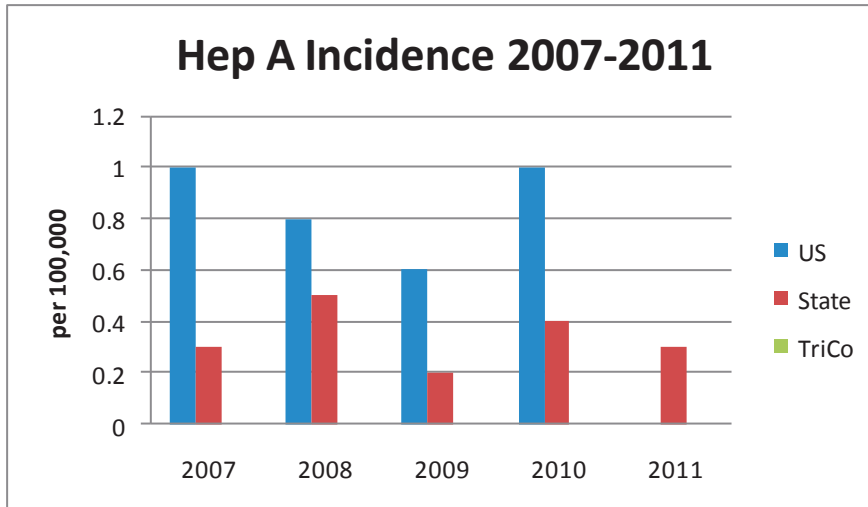
Hepatitis A			
Year	US	State	Tooele
2007	1.0	0.3	1.8
2008	0.8	0.5	0.0
2009	0.6	0.2	1.7
2010	1.0	0.4	0.0
2011		0.3	1.7

Hepatitis B			
Year	US	State	Tooele
2007	1.5	0.6	0.0
2008	1.3	0.5	0.0
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	0.0



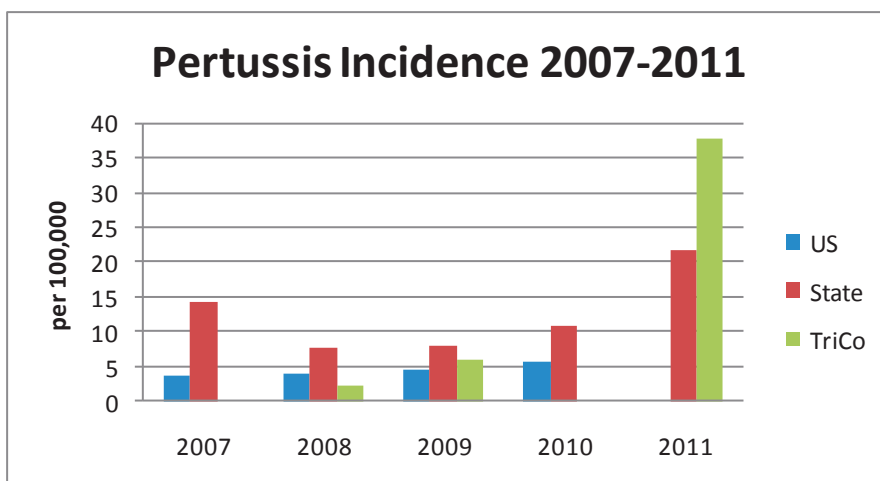
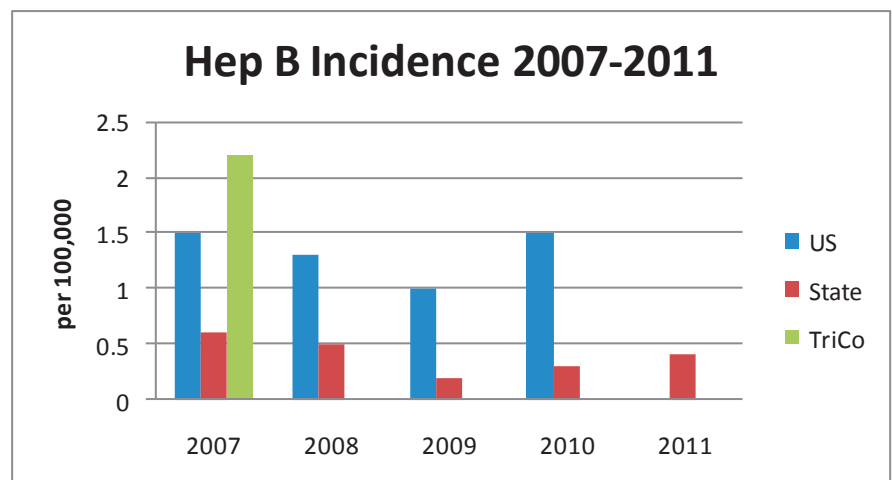
Pertussis			
Year	US	State	Tooele
2007	3.6	14.3	3.5
2008	3.8	7.6	1.7
2009	4.4	7.8	3.4
2010	5.5	10.7	5.0
2011		21.7	8.3

## TriCounty Health District



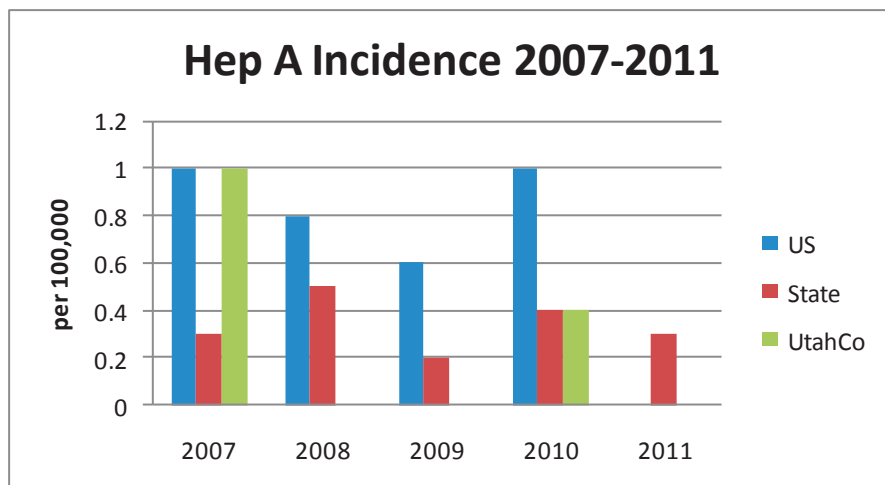
Hepatitis A			
Year	US	State	TriCo
2007	1.0	0.3	0.0
2008	0.8	0.5	0.0
2009	0.6	0.2	0.0
2010	1.0	0.4	0.0
2011		0.3	0.0

Hepatitis B			
Year	US	State	TriCo
2007	1.5	0.6	2.2
2008	1.3	0.5	0.0
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	0.0



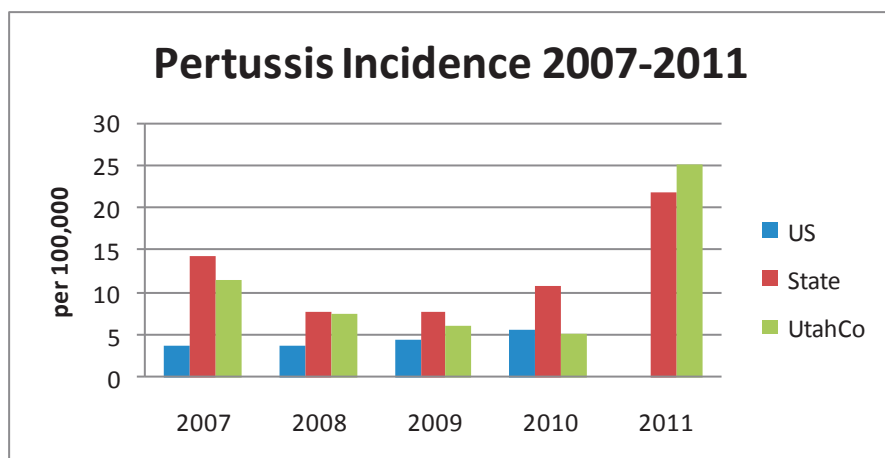
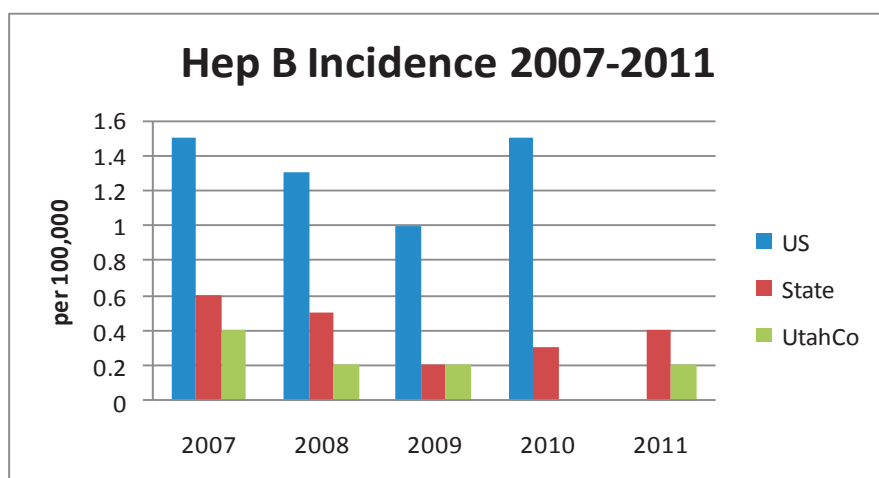
Pertussis			
Year	US	State	TriCo
2007	3.6	14.3	0.0
2008	3.8	7.6	2.1
2009	4.4	7.8	6.0
2010	5.5	10.7	0.0
2011		21.7	37.6

## Utah County Health District



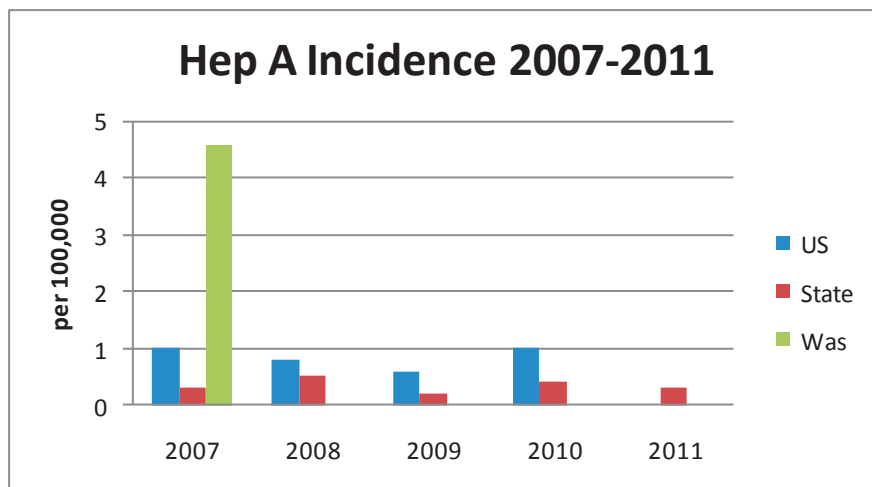
Hepatitis A			
Year	US	State	Utah Co
2007	1.0	0.3	1.0
2008	0.8	0.5	0.0
2009	0.6	0.2	0.0
2010	1.0	0.4	0.4
2011		0.3	0.0

Hepatitis B			
Year	US	State	Utah Co
2007	1.5	0.6	0.4
2008	1.3	0.5	0.2
2009	1.0	0.2	0.2
2010	1.5	0.3	0.0
2011		0.4	0.2



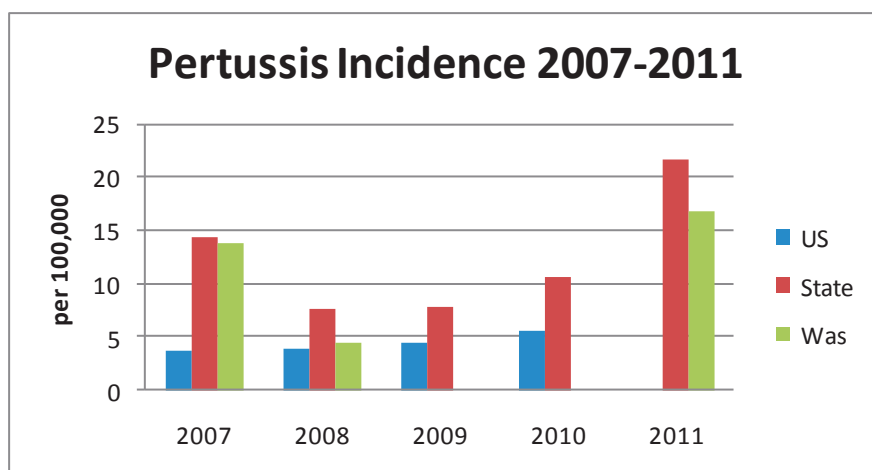
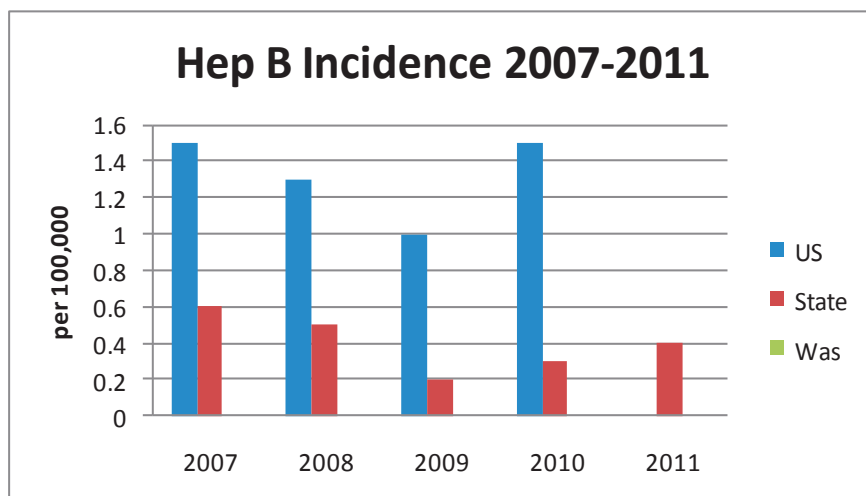
Pertussis			
Year	US	State	Utah Co
2007	3.6	14.3	11.4
2008	3.8	7.6	7.4
2009	4.4	7.8	6.0
2010	5.5	10.7	5.2
2011		21.7	25.2

## Wasatch County Health District



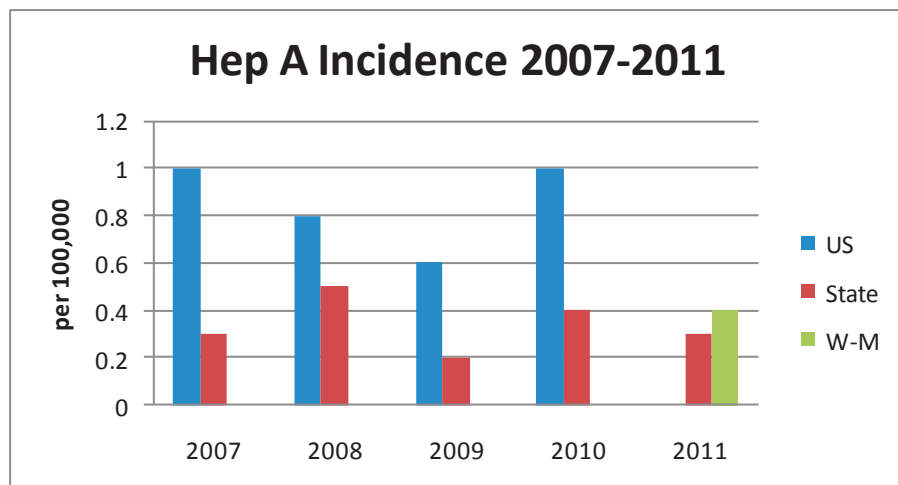
Hepatitis A			
Year	US	State	Was
2007	1.0	0.3	4.6
2008	0.8	0.5	0.0
2009	0.6	0.2	0.0
2010	1.0	0.4	0.0
2011		0.3	0.0

Hepatitis B			
Year	US	State	Was
2007	1.5	0.6	0.0
2008	1.3	0.5	0.0
2009	1.0	0.2	0.0
2010	1.5	0.3	0.0
2011		0.4	0.0



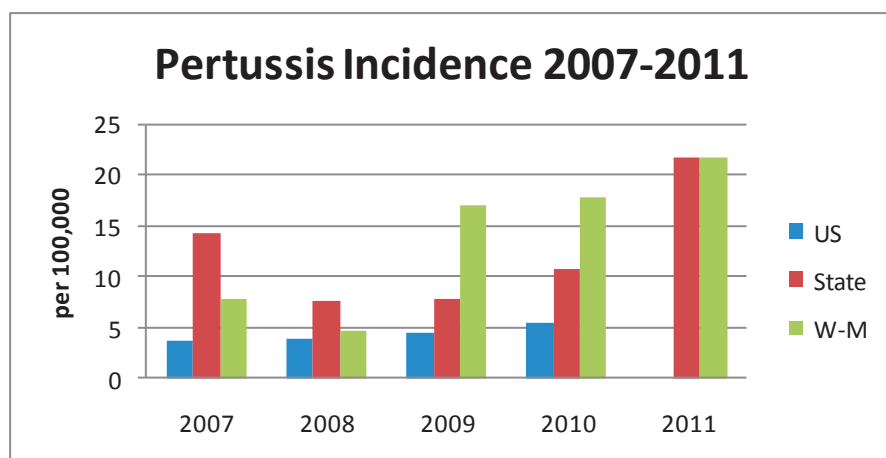
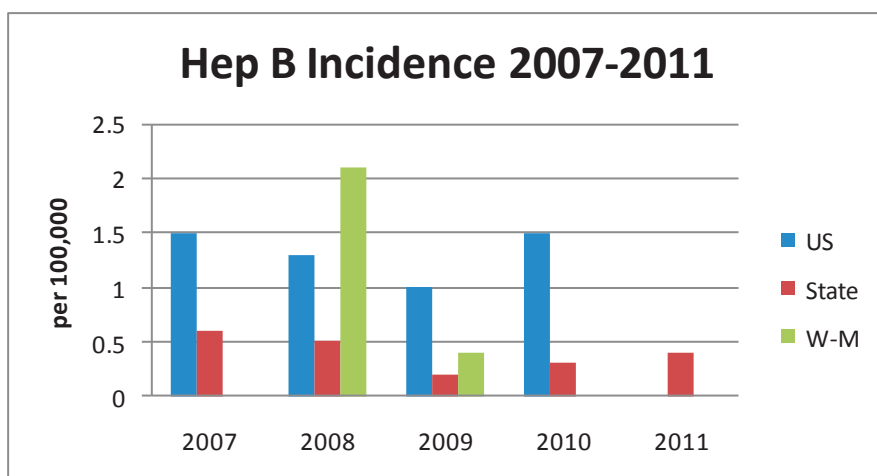
Pertussis			
Year	US	State	Was
2007	3.6	14.3	13.7
2008	3.8	7.6	4.4
2009	4.4	7.8	0.0
2010	5.5	10.7	0.0
2011		21.7	16.8

## Weber-Morgan Health District



Hepatitis A			
Year	US	State	W-M
2007	1.0	0.3	0.0
2008	0.8	0.5	0.0
2009	0.6	0.2	0.0
2010	1.0	0.4	0.0
2011		0.3	0.4

Hepatitis B			
Year	US	State	W-M
2007	1.5	0.6	0.0
2008	1.3	0.5	2.1
2009	1.0	0.2	0.4
2010	1.5	0.3	0.0
2011		0.4	0.0



Pertussis			
Year	US	State	W-M
2007	3.6	14.3	7.8
2008	3.8	7.6	4.7
2009	4.4	7.8	16.9
2010	5.5	10.7	17.8
2011		21.7	21.6

1. Department of Health and Human Services, CDC. (n.d.). *National Immunization Survey* [Data file]. Retrieved September 17, 2011 from [http://www.cdc.gov/vaccines/stats-surv/nis/data/tables\\_2011.htm](http://www.cdc.gov/vaccines/stats-surv/nis/data/tables_2011.htm).
2. Utah Immunization Program (November 2011). *Licensed and Reporting Unlicensed Child Care Centers and Preschools: Child Care Annual Summary Report*. Salt Lake City, UT: Utah Department of Health.
3. *Behavioral Risk Factor Surveillance System*. Retrieved on August 2011 from Utah Department of Health, Center for Health Data.
4. Utah Immunization Program. (n.d.). *2011 program data* [Data file]. Salt Lake City, UT: Utah Department of Health.
5. Utah Immunization Program (July 2011). *Long-term Care 2009 Annual Report*. Salt Lake City, UT: Utah Department of Health.
6. Utah Statewide Immunization Information System. *2012 program data* [Data file]. Salt Lake City, UT: Utah Department of Health.
7. Utah Immunization Program (November 2011). *Head Start: Child Care Annual Summary Report*. Salt Lake City, UT: 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](http://www.immunize-utah.org)  
[www.usiis.org](http://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](http://www.immunize-utah.org)  
[www.usiis.org](http://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](http://www.health.utah.gov/drp)

## **Other Resources Available**

National Immunization Program	<a href="http://www.cdc.gov/vaccines">www.cdc.gov/vaccines</a>
National Immunization Data and Statistics	<a href="http://www.cdc.gov/vaccines/stats-surv/default.htm">www.cdc.gov/vaccines/stats-surv/default.htm</a>
Immunization Action Coalition	<a href="http://www.immunize.org">www.immunize.org</a>
Healthy People 2010	<a href="http://www.healthypeople.gov">www.healthypeople.gov</a>
Utah Department of Health	<a href="http://www.health.utah.gov">www.health.utah.gov</a>
Utah Maternal and Child Health Bureau	<a href="http://www.health.utah.gov/cfhs/mch">www.health.utah.gov/cfhs/mch</a>
Indicator-Based Information System for Public Health (IBIS-PH)	<a href="http://ibis.health.utah.gov">http://ibis.health.utah.gov</a>
Office of Health Care Statistics	<a href="http://www.health.utah.gov/hda">www.health.utah.gov/hda</a>
Utah Medicaid Program	<a href="http://www.health.utah.gov/medicaid">www.health.utah.gov/medicaid</a>