

FluVaxviewTM

Influenza Vaccination Coverage

CDC Website for Reports on Influenza Vaccination Coverage and Utilization

Quarterly Adult Immunization Call
August 30, 2011

What is FluVaxView?

- ❑ CDC website for influenza vaccination coverage launched in 2010
- ❑ Provides national, regional, state and selected local area vaccination coverage estimates of current and past flu seasons
- ❑ Easy access to influenza vaccination coverage and utilization reports within and promptly after influenza season for public health workers and other stakeholders, as well as the general public
 - Near real-time influenza vaccination coverage estimates that were never before available.



Seasonal Influenza (Flu)

Influenza (the flu) is a contagious respiratory illness caused by influenza viruses. It can cause mild to severe illness, and at times can lead to death. Flu season in the U.S. occurs in the fall and winter. A flu vaccine can protect you against influenza. CDC recommends that everyone 6 months and older get their yearly flu vaccine as soon as the 2011-2012 vaccines become available.

Flu Vaccination Coverage
What gets measured gets done **GO»**

[FluVaxView »](#)
[Flu Vaccine](#)
[Influenza Viruses](#)

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Influenza (Flu) Topics

Flu Basics

Symptoms, How Flu Spreads, Higher Risk Groups, 2010-2011 Flu Season, 2011-2012 Flu Season...

Health Professionals

Vaccination, Antiviral Drugs, Infection Control, Diagnostic Testing, Patient Education, Clinician Communications and Training...

Prevention

Flu Vaccine Information, Vaccine Safety Information, NIVW, Infection Control...

Free Resources

Printable Materials, Photos, Podcasts, Videos, PSAs, eCards, Badges & Buttons, Articles...

Treatment/Antiviral Drugs

What to do, Symptoms, Antiviral Drugs...

What's New & Updated!

Diagnosis, Antiviral, Vaccination, Guidelines, Podcast, Resources...

Flu Activity & Surveillance

A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
Week Ending May 21, 2011 - Week 20



CDC collects, compiles and analyzes information on influenza activity year round in the United States.

[More »](#)

International Flu

Saving Lives.
Protecting People.
Saving Money
Through Prevention.

LEARN MORE ABOUT HOW
CDC WORKS FOR YOU.

<http://www.cdc.gov/flu>

Seasonal Influenza (Flu)

Seasonal Influenza (Flu)

2011-2012 Flu Season

Influenza: The Disease

Preventing Flu

Travelers

Info for Businesses & Employees

What To Do If You Get Sick

Info for Health Professionals

2010-11 ACIP Recommendations

Vaccination

► Influenza Vaccination Coverage

Vaccine Supply Update

Influenza Vaccination: A Summary for Clinicians

Seasonal Influenza Vaccine Safety: A Summary for Clinicians

Selecting the Viruses in the Influenza (Flu) Vaccine

Large-Scale Influenza Vaccination Clinic Planning

Flu Vaccine Effectiveness

[Seasonal Influenza \(Flu\)](#) > [Info for Health Professionals](#) > [Vaccination](#)

FluVaxView

Influenza Vaccination Coverage

Influenza vaccination coverage for the United States is estimated annually by CDC utilizing data from several nationally representative surveys. These surveys include the [National Health Interview Survey \(NHIS\)](#), the [Behavioral Risk Factor Surveillance System \(BRFSS\)](#), the [National Immunization Survey \(NIS\)](#), and in 2009-10, the [National 2009 H1N1 Flu Survey \(NHFS\)](#). For the 2010-11 influenza season, additional assessment systems have been developed to provide timely coverage estimates for selected populations. These include: rapid household telephone surveys conducted nationally and in 20 selected local areas, internet panel surveys of pregnant women and health care workers, and use of third-party medical claims data.

This page provides vaccination coverage estimates for 2010-11 and previous influenza seasons from multiple sources. Reports, interactive maps, trend lines, bar charts and data tables are provided.

2010-11 Influenza Season

- [Interactive Reports](#) >> View national and state-level influenza vaccination coverage estimates using interactive maps, trend lines, bar charts and data tables.
 - [Methods and Limitations](#) [368 KB, 2 pages]
 - [Download report data](#) [921 KB]
 - [Additional Table: National Influenza Vaccination Coverage Estimates by Race/ethnicity and Age Group](#) [52 KB, 1 page]
 - [Report I](#)
Interim estimates of monthly cumulative influenza vaccination coverage for 2010-11 season*—United States, August 2010 through February 2011

On this Page

- [2010-11 Influenza Season](#)
- [2009-10 Influenza Season](#)
- [2008-09 and Earlier Influenza Seasons](#)
- [References](#)

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Contact Us:

Centers for Disease Control and Prevention
1600 Clifton Rd
Atlanta, GA 30333
 800-CDC-INFO
(800-232-6226)

<http://www.cdc.gov/flu/professionals/vaccination/vaccinecoverage>

Influenza Vaccination Coverage on FluVaxView

❑ Data sources:

- Behavioral Risk Factor Surveillance System (BRFSS)
- National Immunization Survey (NIS)
- National 2009 H1N1 Flu Survey (NHFS), 2009-10
- National Health Interview Survey (NHIS)
- Rapid household telephone surveys conducted nationally and in 20 selected local areas, 2010-11
- Internet panel surveys of pregnant women and health care personnel, 2010-11

❑ Main features of FluVaxView include interactive influenza vaccination coverage reports using InstantAtlas

Vaccination Coverage Estimates

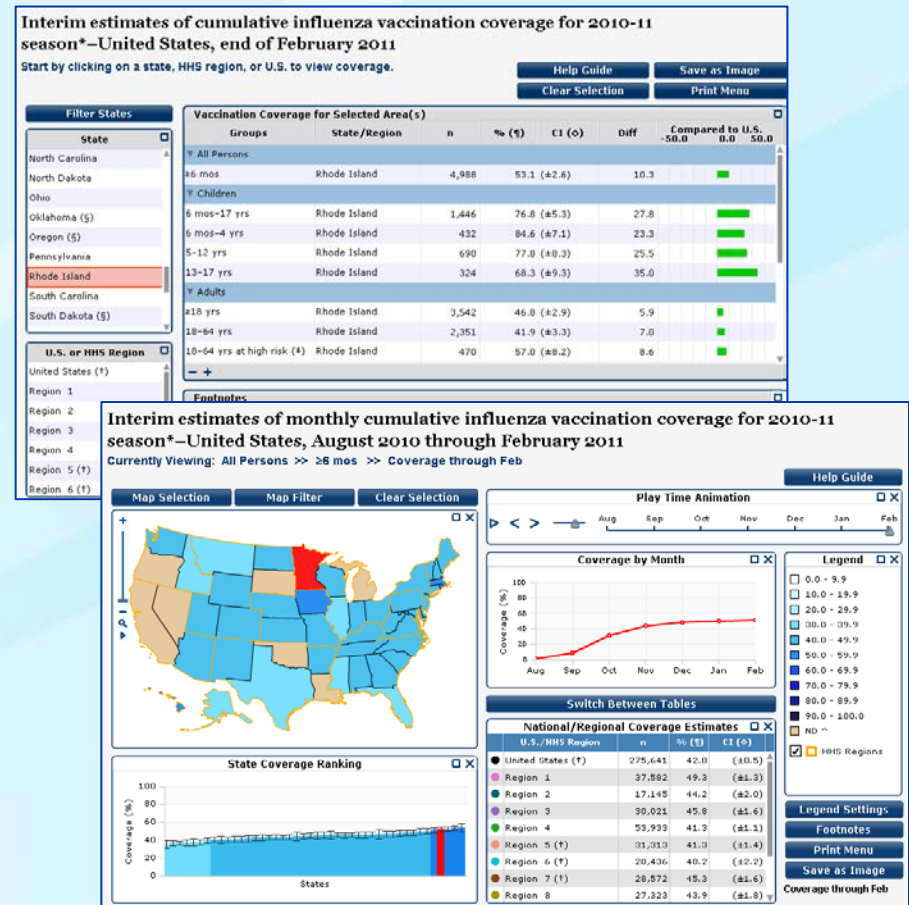
- ❑ Data supporting interactive reports are combined cumulative influenza vaccination survey estimates using Kaplan-Meier survival analysis
 - Methods and limitations document as well as data file for each season are available for download at [FluVaxView](#)
- ❑ **For 2010-11 Influenza Season**
 - Combined BRFSS & NIS data
 - ~ 7,000 current season estimates
- ❑ **For 2009-10 Influenza Season**
 - Three vaccination statuses: Seasonal only, 2009 H1N1 only, and Any Dose (Seasonal and/or 2009 H1N1)
 - Combined BRFSS & NHFS data
 - ~ 25,000 final season estimates



Influenza Vaccination Coverage – Interactive Reports

Interactive Influenza Vaccination Coverage

- ❑ InstantAtlas – GIS software driven
 - Using public and CDC created shapefiles
- ❑ Two designs – Report I: interactive map and Report II: interactive comparison table
- ❑ State, regional and national estimates readily available
- ❑ 508 Compliance met with Excel downloadable data
- ❑ Help Guide available within each interactive report



Data available for 2010-11 season (Interim results)

□ All Persons

- ≥ 6 mos

□ Children

- 6 mos–17 yrs
- 6 mos–4 yrs
- 5–12 yrs
- 13–17 yrs

□ Adults

- ≥ 18 yrs
- 18–64 yrs
- 18–64 yrs at HR

□ Adults (continued)

- 18–49 yrs
- 18–49 yrs at HR
- 50–64y
- ≥ 65 yrs

□ Race/ethnicity, persons ≥ 6 mos

- Non-Hispanic white
- Non-Hispanic black
- Hispanic
- Other race/ethnicity

State and Regional/National Table

Switch National to State Tables

Coverage Estimates by State ☐ X

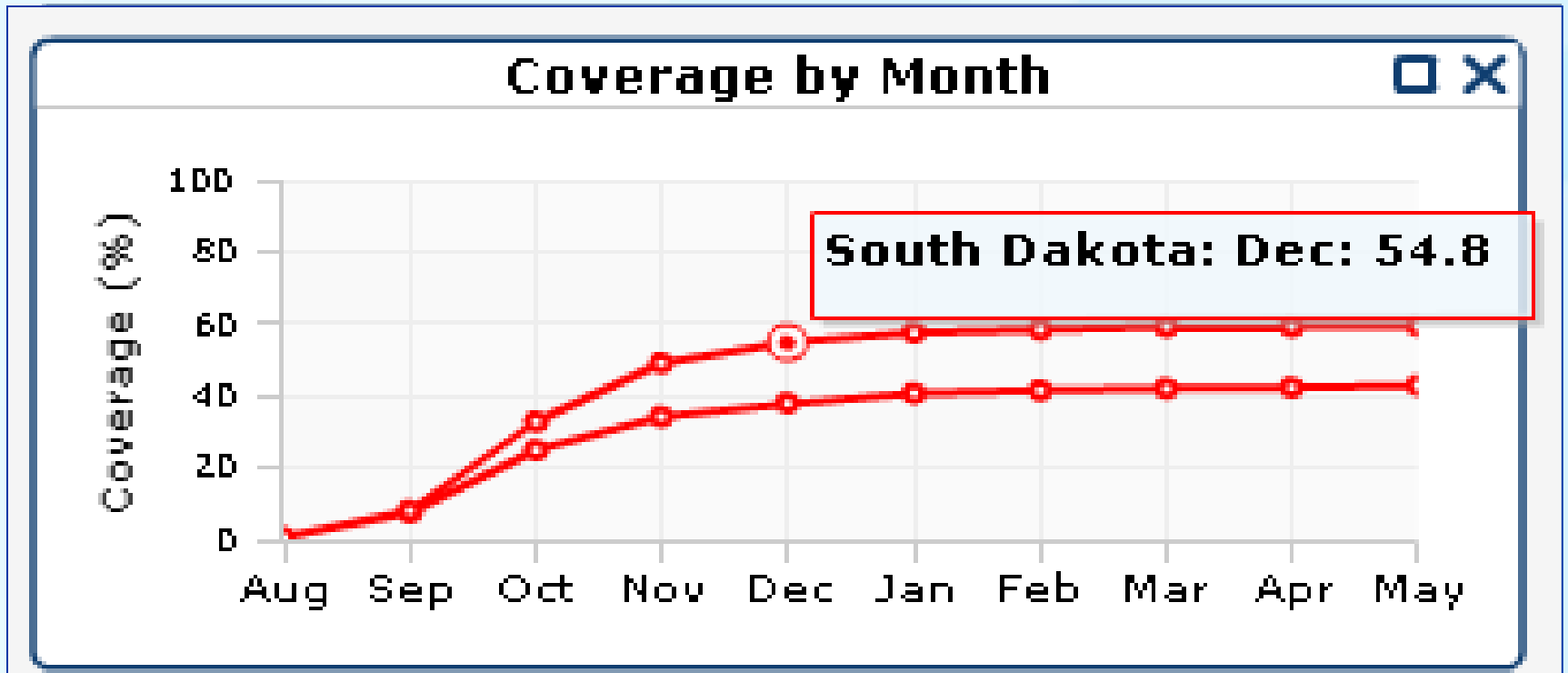
		States ▲	n	% (\$)	CI (¶)
		Colorado	3,907	36.5	(±3.2)
		Montana	3,360	33.3	(±3.9)
		North Dakota	2,490	38.4	(±4.6)
		South Dakota	2,965	47.9	(±4.5)
		Utah	4,348	40.8	(±3.3)
		Wyoming	2,984	36.8	(±4.8)

Switch National to State Tables

National/Regional Coverage Estimates ☐ X

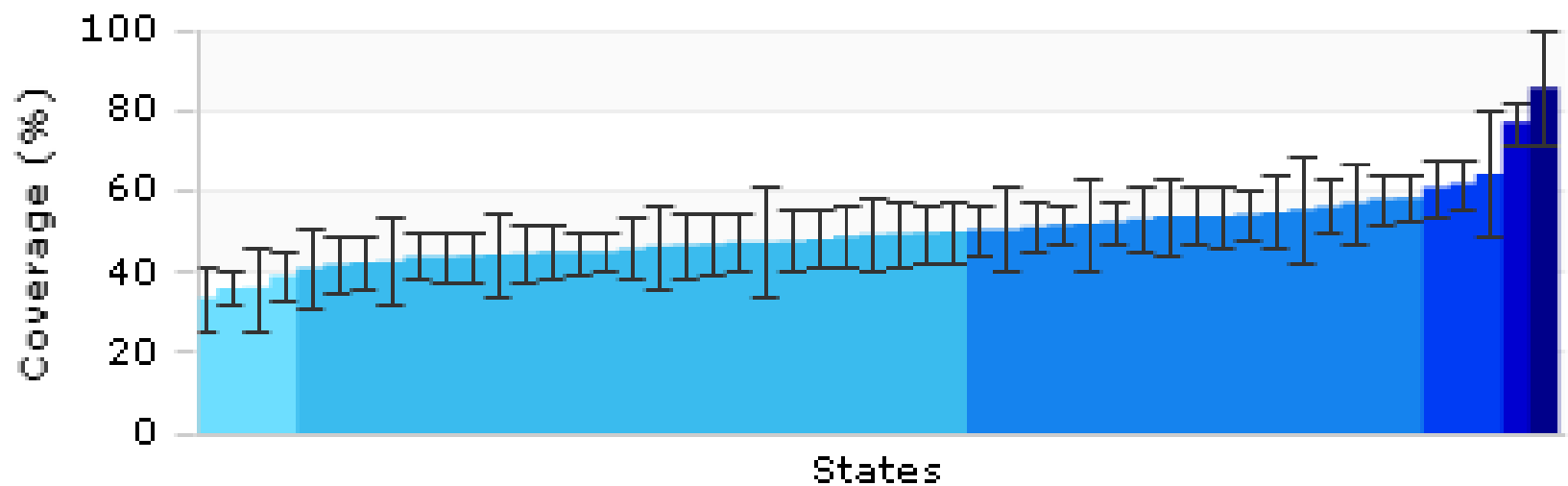
	U.S./HHS Region	n	% (\$)	CI (¶)	
	United States	51,278	28.0	(±1.2)	
	Region 1	4,505	37.3	(±4.4)	
	Region 2	2,619	33.0	(±4.2)	
	Region 3	5,474	31.6	(±4.3)	
	Region 4	7,894	25.1	(±2.3)	
	Region 5	5,991	26.1	(±2.7)	
	Region 6	6,226	30.4	(±4.1)	
	Region 7	3,698	29.5	(±4.1)	
	Region 8	5,976	29.3	(±3.7)	

Trend line

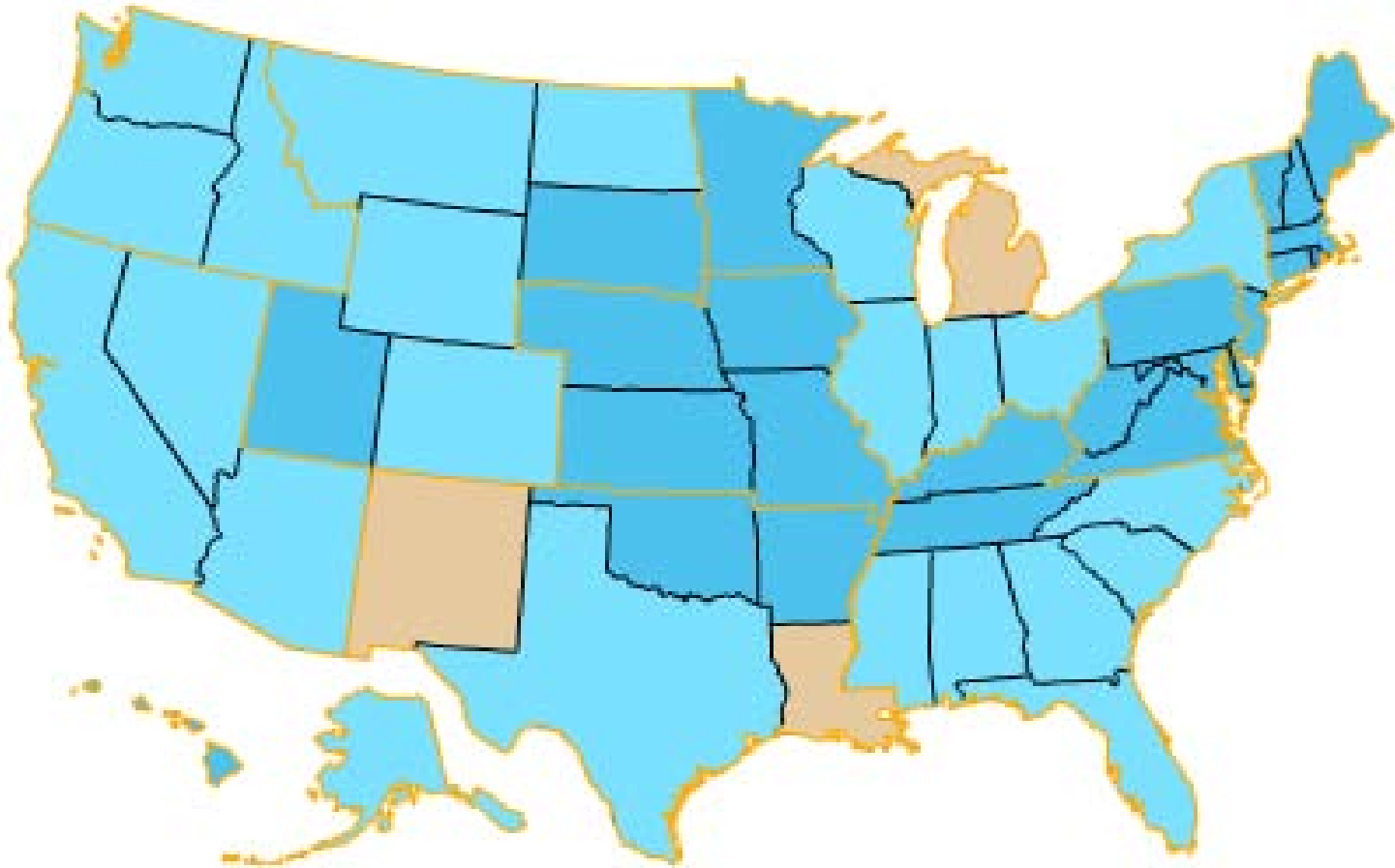


Bar Chart

State Coverage Ranking



Interactive Map



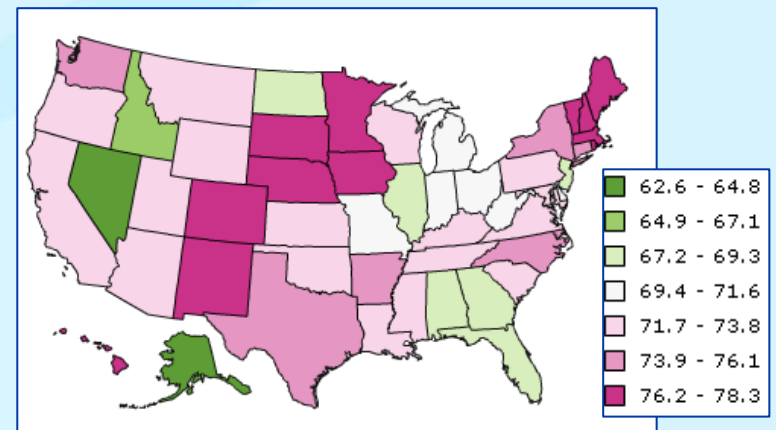
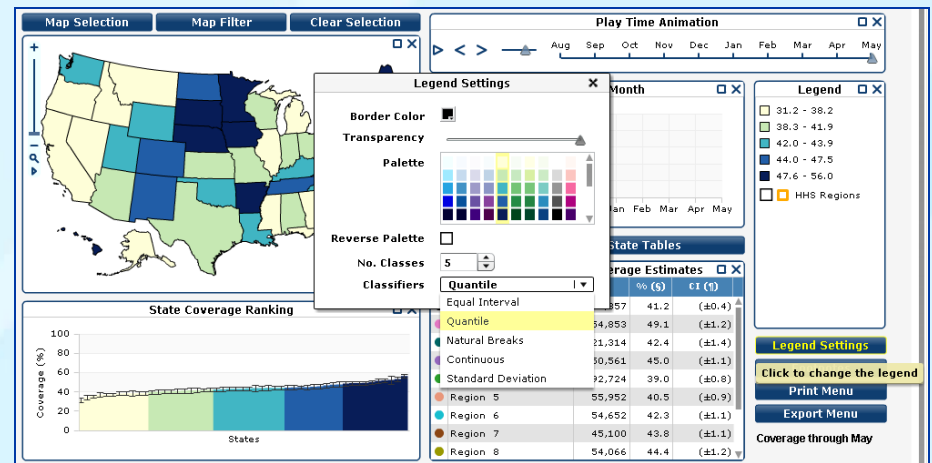
Comparison Tables

Groups	State/Region	n	% (§)	CI (§)	Diff	Compared to U.S.		
						-50.0	0.0	50.0
▼ All Persons								
Aged ≥6 mos	Region 6	13,281	37.8 (±2.9)		0.1			
	Arkansas	2,318	40.5 (±5.7)		2.8			
	Oklahoma	2,383	40.4 (±4.3)		2.7			
▼ Adults								
Aged ≥18 yrs	Region 6	7,055	37.2 (±3.7)		0.0			
	Arkansas	1,497	40.8 (±6.7)		3.6			
	Oklahoma	1,541	42.3 (±4.7)		5.1			
Aged 18–49 yrs	Region 6	2,190	26.9 (±5.3)		1.6			
	Arkansas	372	26.6 (±9.6)		1.3			
	Oklahoma	512	31.4 (±7.1)		6.1			
Aged 18–49 yrs HR (#)	Region 6	331	24.8 (±12.0)¥		-7.4			
	Arkansas	78	68.2 (±25.7)¥		36.0			

Customization

- ❑ Change the report using the Legend Settings menu
- ❑ Filtering available in all components of both reports
 - Select areas of interest only
- ❑ Print or export components individually or as full screen image
 - Be sure to save the legend!
- ❑ WYSIWYG
 - Any and all changes apply

REFRESH (F5) TO RESET



Next steps

- ❑ 2010-11 final season influenza vaccination coverage estimates
- ❑ FluVaxView webinar during 2011 National Influenza Vaccination Week
- ❑ Influenza vaccination coverage for selected city areas
 - Interactive version of National Flu Survey data
- ❑ Expanding reporting of vaccination coverage online
 - All vaccination coverage among children and adolescents
 - Interactive version of NIS and NIS Teen data