

## Monitoring state-level uninsurance, 1996-2006

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May 16, 2008



## **Project objectives**

- Document changes in the measurement of health insurance in the Current Population Survey Annual Social and Economic Supplement (CPS) since 1996.
- Compare two available options for making a consistent time series in the CPS. Each option corrects for the introduction of a health insurance verification question in 2000.
- Determine the extent that conclusions about SCHIP success is dependent on the harmonization method chosen.



- By state and socioeconomic subpopulations

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	Year	Change	Type of Change	Motivation	Impact on Estimates of Uninsurance Rates	Fix(es)	Residual Effect?
	1998	Indian Health Service alone no longer health insurance coverage	Conceptual definition	Debate as to if IHS functions as insurance. In consultation with Bureau of Indian Affairs	More uninsured (only see big impact in states with large American Indian or Alaskan Native Populations)	Edit years prior to 1998 to be consistent with new definition	No
	2001	Health insurance	Survey design	CPS produced consistently higher	Fewer individuals	<u>Option 1</u> : "Unverify" 2000 and following years	Understating the number without insurance
	2001	question	Survey design	health insurance surveys	uninsured	Option 2: Impute verification question 1999 and earlier	??
HA	2005	Health insurance household imputation fix introduced	Methodological - missing data processing	Many mistakenly left uninsured when a value was supposed to be applied to an entire family	Fewer individuals uninsured	Edit earlier years to be consistent with 2005 and forward	No
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## Background, changes to insurance measurement 1997-2007 CPS

					Impact on Estimates of		
	Year	Change	Type of Change	Motivation	Uninsurance Rates	Fix(es)	Residual Effect?
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Results: Percent uninsured (unverified and verified),
children (0-18) living at or below 200% FPL for select
states, 2005/2006 and change from 1996/1997

	Unv	erified	V	erified
		Difference from		Difference from
	2005/2006	1996/1997	2005/2006	1996/1997
Alabama	11.7%	-11.0%**	11.1%	-9.7%*
Alaska	14.6%	-15.6%*	12.9%	-15.5%**
Arizona	27.6%	-12.0%**	25.8%	-13.3% ***
Arkansas	15.3%	-16.2%***	14.7%	-15.3% ***
California	21.9%	-5.0%**	20.6%	-5.5%**
lowa	9.1%	-7.0%	8.0%	-7.8%*
Kentucky	14.8%	-8.7%*	12.9%	-8.9%*
Louisiana	19.0%	-12.7%**	18.0%	-12.1% **
Maine	12.3%	-9.9%*	11.4%	-8.4%
Michigan	10.4%	-3.9%	8.2%	-5.4%*
New York	13.9%	-8.5%***	11.8%	-9.6% ***
North Carolina	20.4%	-9.3%*	19.6%	-8.2%*
Ohio	14.0%	-3.3%	11.3%	-5.6%*
Oklahoma	17.4%	-12.0%**	16.5%	-11.4% **
South Carolina	14.5%	-19.1%***	12.8%	-19.2%***
Texas	30.8%	-4.8%*	29.7%	-4.6%*
United States	20.2%	-4.4%***	18.7%	-4.8%***

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	Unv	rerified	Ve	erified
	2005/2006	Difference from 1996/ 1997	2005/2006	Difference from 1996/ 1997
Individual Characteristics				
Age				
0-5 Years Old	17.6%	-2.6%**	16.2%	-3.2%***
6-11 Years Old	18.5%	-4.6% ***	17.0%	-5.1% ***
12-18 Years Old	25.0%	-6.4% ***	23.4%	-6.5%***
Race/Ethnicity				
American Indian	30.4%	1.9%	28.4%	1.0%
Hispanic/Latino	22.2%	-11.7% ***	20.7%	-12.4%***
Asian Pacific Islander	17.3%	-8.2% **	15.7%	-9.2%**
Black	15.2%	-6.8% ***	13.5%	-7.4%***
White	28.2%	7.6% ***	27.0%	7.8%***
Birthplace/Citizenship				
Not US Born	46.2%	-2.2%	44.2%	-3.1%
Not US Citizen	48.1%	-4.4%	46.0%	-5.3%*
Health Status				
Good Health	20.3%	-4.5% ***	18.8%	-4.9%***
Gender				
Male	20.6%	-4.1%***	19.1%	-4.4%***
Female	19.7%	-4.6% ***	18.1%	-5.2% ***

	Unv	verified	V	erified
	2005/2006	Difference from 1996/ 1997	2005/2006	Difference from 1996/ 1997
Family Characteristics				
Marital Status				
Married/Separated	21.0%	-4.6% ***	19.7%	-4.9% ***
Birthplace/Citizenship				
Family Over 18 - Not US Born	28.6%	-7.0% ***	27.2%	-7.4% ***
Family Over 18 - Not US Citizen	29.1%	-7.0% ***	27.8%	-7.4%***
Income				
Income <= 100% FPL	21.6%	-3.3% ***	20.0%	-3.9% ***
Income 101-200% FPL	18.9%	-5.3% ***	17.5%	-5.5% ***
Employment				
No one in Family Employed	16.8%	0.0%	15.4%	-0.6%
Someone Employed Parttime	16.9%	-5.5% ***	14.8%	-6.6% ***
Someone Employed Fulltime	21.6%	-5.9% ***	20.2%	-6.1%***
Household Structure				
Male-Female	20.8%	-5.8% ***	19.5%	-6.0% ***
Male	29.7%	-6.5% **	26.8%	-7.1%***
Female	17.7%	-2.5% **	16.3%	-3.1%***
1 Child Family	25.4%	-5.2% ***	23.0%	-6.0% ***
2 Child Family	19.6%	-5.0% ***	18.3%	-5.1% ***
3 Child Family	18.5%	-3.5% ***	17.2%	-3.8% ***
4 Child Family	18.8%	-5.9% ***	17.7%	-6.5% ***
5 or More Child Family	17.5%	-1.9%	16.1%	-2.4%
Educational Attainment				
Less than HS	25.8%	-4.0% ***	24.7%	-4.3%***
HS Graduate/GED	19.8%	-4.9% ***	18.4%	-5.2% ***
Some College/AA Degree	17.2%	-2.6% ***	15.5%	-3.4%***
College Graduate	16.1%	-3.2%	14.7%	-2.0%
Advanced Education	17.5%	-3.0%	14.7%	-4.4%
Metro/Non-Metro				
Metropolitan Area	20.4%	-4.2% ***	19.0%	-4.6%***