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2006 Population Estimates by Poverty and Insurance Status for Primary Care Service Areas (PCSAs)

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Background

Contract HRSA 250-02-0013 requires delivery of 2006 population counts by poverty and insurance status for Primary Care Service Areas (PCSA). This document details the methodology used for the estimates provided in accompanying data files and explains limitations of the estimation methodology.

Data sources

We based this estimation on 2006 PCSA level total population estimates, developed under contract HRSA 250-02-0013. For more information about the estimations, see the attached documentation ***Population Estimates 2006.pdf***.

We obtained state population estimates by poverty, insurance status, gender, age, and race from the Census' ***Current Population Survey (CPS) Annual Social and Economic Supplement***. This is the only source of national estimates for poverty and insurance with sufficient subpopulation detail for sub-state estimates. Further information about the survey can be found at: http://www.census.gov/hhes/www/cpstc/cps_table_creator.html).

This source provided 2006 State-level population estimates by poverty level (Below Poverty, 100%-199% of Poverty, 200% and Above of Poverty), insurance status (Private Insurance, Medicare, Other Government Insurance, and Uninsured), gender (Male, Female), age (0-17, 18-44, 45-64, 65+), and race (White Non-Hispanic, Black Non-Hispanic, Other Non-Hispanic, Hispanic).

Method

Proportions of small strata populations (population by poverty level, insurance status, age, gender, and race) over the corresponding State-level total population were calculated at the State level. These proportions were applied to all PCSA population counts within the State for estimating PCSA level populations by poverty, insurance, age, gender, and race.

A. Assumptions

In addition to the assumptions used for PCSA-level population estimates (see ***Population Estimates 2006.pdf***), two specific assumptions were required for these estimates:

1) We assumed that the proportion of populations at the various poverty levels, insurance statuses, ages, genders, and race strata over the total population within a PCSA are the same as the proportion in the State in which the PCSA belongs.

2) The State-level data from the Census assigned multiple insurance statuses; however, our estimate counts only primary insurance status. Where there were multiple insurance statuses, the one with highest priority was kept. Priorities of

the insurance statuses are: Medicare > Other Government Insurance > Private Insurance > Uninsured.

Step 1: Calculate proportions of population at poverty levels, insurance status, age, gender, and race stratum in a State, over the total population of the State. These proportions were applied to corresponding PCSAs in Step 2.

Calculate below-poverty, 100%-199% of poverty, and 200% and above of poverty separately:

$\mathbf{X_{uninsured\ at\ age/gender/race}} = \text{Population}_{\text{uninsured at age/gender/race}} / \text{Population}_{\text{state total}}$

$\mathbf{X_{medicare\ at\ age/gender/race}} = \text{Population}_{\text{medicare at age/gender/race}} / \text{Population}_{\text{state total}}$

$\mathbf{X_{other_government_insurance\ at\ age/gender/race}} = (\text{Population}_{\text{government_insurance at age/gender/race}} - \text{Population}_{\text{medicare at age/gender/race}}) / \text{Population}_{\text{state total}}$

$\mathbf{X_{private_insurance\ at\ age/gender/race}} = (\text{Population}_{\text{with_insurance at age/gender/race}} - \text{Population}_{\text{government_insurance at age/gender/race}}) / \text{Population}_{\text{state total}}$

Step 2: For each State, apply State-level proportions (Xs) from Step 1 to all PCSAs in the State. Use PCSA-level total population and multiply Xs to estimate corresponding PCSA-level small strata (poverty level, insurance status, age, gender, and race) populations (Ys).

Calculate below-poverty, 100%-199% of poverty, and 200% and above of poverty separately:

$Y_{\mathbf{uninsured\ at\ age/gender/race}} = \text{Population}_{\text{pcsa total}} * X_{\text{uninsured at age/gender/race}}$

$Y_{\mathbf{medicare\ at\ age/gender/race}} = \text{Population}_{\text{pcsa total}} * X_{\text{medicare at age/gender/race}}$

$Y_{\mathbf{other_government\ insurance\ at\ age/gender/race}} = \text{Population}_{\text{pcsa total}} * X_{\text{other_government_insurance at age/gender/race}}$

$Y_{\mathbf{private\ insurance\ at\ age/gender/race}} = \text{Population}_{\text{pcsa total}} * X_{\text{private_insurance at age/gender/race}}$

Step 3: Sum each small stratum to get the PCSA-level population estimates of poverty level and insurance status by age, gender, or race.

The output of the population estimates by poverty and insurance status consists of the following population categories and variable counts:

- Age, Gender and Race groups by Poverty and Insurance status, with a total of 220 Variables: (4 insurance categories + all insurance status category) by (3 poverty categories + all income level category) by (4 age categories + 2 gender categories + 4 race categories + Total)

3 Poverty Categories: Below Poverty, 100%-199% of Poverty, 200% and above of Poverty
4 Insurance Categories: Private Insurance, Medicare, Other Government Insurance, and Uninsured
2 Gender Categories: Male and Female

4 Age Categories: Age 0-17, Age 18-44, Age 45-64 and Age 65+
4 Race Categories: White Non-Hispanic, Black Non-Hispanic, Hispanic, and Other Non-Hispanic

Limitation and Discussion

PCSA-level poverty and insurance population counts were based on 2006 PCSA-level total populations, which were estimated from Claritas 2006 block group population data. The 2006 State-level data from the Census ***Current Population Survey (CPS) Annual Social and Economic Supplement*** were then used to proportion the PCSA population by poverty level, insurance status, age, gender, and race. These sources vary in population universe and sampling design, leading to uncertainty in the accuracy of the population estimates

Comparing State-level population estimates from the Census CPS 2006 data with those from Claritas 2006 data, we found slight differences. The possible reasons for the differences are:

1. The population universes are not the same. Census CPS population estimates for poverty and insurance status exclude all institutionalized populations and unrelated individuals under 15, but these populations were included in the Claritas 2006 population estimates.

2. Sampling and estimation methodologies are not same. For details on the methodology of Claritas data, please see ***2006_american_demographics_methodology.pdf***. For detailed information about CPS data, please see Census CPS homepage http://www.census.gov/cps/

We minimized the impact of these differences on PCSA estimates by using the proportions from State-level CPS data.

State-level population estimates by gender, age, and race (only Hispanic and Non-Hispanic) were checked by summing PCSA-level population estimates by poverty and insurance status. These were compared to standard 2006 PCSA population estimates, which were based on Claritas 2006 data. Since the methodology and assumptions of the two data sources were not same, we found differences, which are shown in Attachments A-G.

An example of a large difference in counts over time and method is seen in the Hispanic population of Mississippi. For comparison purposes we have also included the Census 2006 estimate and the estimate from the 2005 Census American Community Survey.

Hispanic Population in State MS	
Data Source	**Population Estimate**
Census 2000	39,569
Census American Community Survey (ACS) 2005*	43,275
Our Standard 2006 estimate**	52,152
Census 2006 CPS	83,737
Our 2006 population estimate by poverty and insurance status***	86,886

*Civilian population only
**Our standard 2006 estimates were based on Claritas 2006 data
***Our 2006 population estimates by poverty and insurance status were based on total population from our standard 2006 estimate, using proportions from Census 2006 CPS

This example and the following attachments demonstrate the problems encountered when using CPS State-level data for small-area estimations, a purpose for which they were not designed. The survey documentation indicates that "The Current Population Survey Annual Social and Economic Supplement is an annual survey of approximately 78,000 households nationwide. Therefore, use extreme caution when making inferences when the cell sizes are small." Unfortunately, there is no other up-to-date source of poverty and insurance data. We recommend that users use the standard PCSA population estimates for non-poverty or insurance-related populations. Caution should be taken when interpreting data on poverty and insurance related populations.

Male Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
KY	2,062,477	2,020,538	1,945,889	41,939	2.03%
NE	879,341	894,453	885,555	15,112	1.72%
TN	2,986,933	2,935,659	2,813,006	51,274	1.72%
UT	1,242,675	1,262,984	1,285,930	20,309	1.63%
SC	2,045,871	2,013,614	1,998,141	32,257	1.58%
NC	4,292,740	4,231,668	4,141,214	61,072	1.42%
VA	3,744,797	3,692,908	3,613,122	51,888	1.39%
LA	2,199,259	2,174,400	1,964,034	24,859	1.13%
IN	3,157,553	3,123,446	2,981,679	34,107	1.08%
HI	639,853	633,110	628,808	6,743	1.05%
NJ	4,285,464	4,326,577	4,274,714	41,113	0.96%
AK	342,237	338,962	335,376	3,275	0.96%
TX	11,513,833	11,405,915	11,237,106	107,918	0.94%
OK	1,719,820	1,704,177	1,705,960	15,643	0.91%
WY	257,833	260,162	258,609	2,329	0.90%
WI	2,752,597	2,730,013	2,671,012	22,584	0.82%
GA	4,452,131	4,416,375	4,423,054	35,756	0.80%
VT	294,647	297,002	307,752	2,355	0.80%
MO	2,886,003	2,862,996	2,760,952	23,006	0.80%
ME	642,212	647,197	646,473	4,985	0.78%
MN	2,553,838	2,573,163	2,555,603	19,325	0.76%
CT	1,712,100	1,724,559	1,703,280	12,459	0.73%
AL	2,216,453	2,201,276	2,168,671	15,177	0.68%
MD	2,741,961	2,724,103	2,676,040	17,858	0.65%
KS	1,320,892	1,312,830	1,330,337	8,063	0.61%
MI	4,990,742	4,962,561	4,868,597	28,181	0.56%
MA	3,119,605	3,136,174	3,076,224	16,569	0.53%
WA	3,150,208	3,133,782	3,093,065	16,427	0.52%
DC	266,084	264,701	253,909	1,384	0.52%
IA	1,472,919	1,465,279	1,422,101	7,640	0.52%
AR	1,372,813	1,366,515	1,345,191	6,297	0.46%
IL	6,223,621	6,196,148	6,148,764	27,472	0.44%
AZ	2,976,219	2,988,754	3,023,692	12,535	0.42%
RI	544,550	542,265	505,990	2,285	0.42%
OR	1,802,177	1,794,845	1,790,755	7,333	0.41%
CO	2,364,118	2,354,609	2,322,869	9,509	0.40%
ND	324,402	325,701	313,071	1,299	0.40%
ID	722,715	725,062	724,484	2,348	0.32%
NV	1,243,875	1,240,634	1,240,134	3,241	0.26%
WV	892,223	894,326	879,798	2,103	0.24%

CA	18,244,725	18,203,853	17,838,395	40,872	0.22%
PA	6,039,715	6,052,835	5,948,217	13,120	0.22%
OH	5,573,212	5,583,451	5,518,467	10,239	0.18%
DE	406,897	406,364	409,771	533	0.13%
NY	9,327,288	9,336,573	9,205,612	9,285	0.10%
MS	1,433,543	1,434,605	1,382,618	1,062	0.07%
NM	955,851	955,275	953,072	576	0.06%
NH	660,369	660,715	640,117	347	0.05%
SD	378,643	378,773	380,549	130	0.03%
FL	8,787,133	8,786,492	8,744,309	641	0.01%
MT	465,915	465,922	461,224	7	0.00%

Female Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
KY	2,141,341	2,183,280	2,102,616	41,939	1.96%
NE	898,815	883,703	874,915	15,112	1.68%
UT	1,233,821	1,213,512	1,235,561	20,309	1.65%
TN	3,121,172	3,172,446	3,039,902	51,274	1.64%
SC	2,150,408	2,182,665	2,165,891	32,257	1.50%
NC	4,431,775	4,492,847	4,396,808	61,072	1.38%
VA	3,861,177	3,913,065	3,828,517	51,888	1.34%
LA	2,324,141	2,348,999	2,121,741	24,859	1.07%
HI	643,185	649,928	645,505	6,743	1.05%
IN	3,264,559	3,298,666	3,148,953	34,107	1.04%
AK	321,762	325,037	321,597	3,275	1.02%
TX	11,605,768	11,713,685	11,540,325	107,918	0.93%
WY	254,575	252,246	250,742	2,329	0.91%
NJ	4,511,657	4,470,544	4,416,954	41,113	0.91%
OK	1,762,192	1,777,835	1,779,692	15,643	0.89%
WI	2,808,012	2,830,596	2,769,421	22,584	0.80%
GA	4,548,156	4,583,912	4,590,844	35,756	0.79%
VT	304,388	302,033	312,964	2,355	0.77%
MO	3,021,934	3,044,940	2,936,409	23,006	0.76%
MN	2,594,593	2,575,267	2,557,694	19,325	0.74%
ME	673,387	668,402	667,654	4,985	0.74%
CT	1,814,266	1,801,807	1,779,578	12,459	0.69%
AL	2,351,935	2,367,111	2,332,053	15,177	0.65%
MD	2,917,668	2,935,525	2,883,730	17,858	0.61%
KS	1,336,973	1,345,035	1,362,968	8,063	0.60%
MI	5,165,430	5,193,611	5,095,269	28,181	0.55%
WA	3,168,630	3,185,057	3,143,677	16,427	0.52%
IA	1,517,599	1,525,238	1,480,294	7,640	0.50%
MA	3,321,043	3,304,474	3,241,312	16,569	0.50%
DC	295,490	296,874	284,773	1,384	0.47%
AR	1,427,020	1,433,318	1,410,954	6,297	0.44%
IL	6,444,072	6,471,544	6,422,054	27,472	0.43%
AZ	2,978,854	2,966,320	3,000,998	12,535	0.42%
CO	2,327,976	2,337,485	2,305,980	9,509	0.41%
OR	1,824,813	1,832,145	1,827,972	7,333	0.40%
ND	326,248	324,949	312,346	1,299	0.40%
RI	582,817	585,102	545,958	2,285	0.39%
ID	719,643	717,295	716,723	2,348	0.33%
NV	1,204,119	1,207,360	1,206,869	3,241	0.27%
WV	932,793	930,690	915,576	2,103	0.23%

CA	18,329,560	18,370,432	18,001,629	40,872	0.22%
PA	6,412,984	6,399,865	6,289,246	13,120	0.20%
OH	5,870,051	5,859,812	5,791,617	10,239	0.17%
DE	428,247	428,780	432,377	533	0.12%
NY	9,938,088	9,928,803	9,789,534	9,285	0.09%
MS	1,516,624	1,515,562	1,460,645	1,062	0.07%
NM	986,845	987,421	985,143	576	0.06%
NH	679,451	679,104	657,935	347	0.05%
SD	382,855	382,725	384,520	130	0.03%
FL	9,143,743	9,144,384	9,100,480	641	0.01%
MT	469,039	469,032	464,307	7	0.00%

Age 0-17 Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
RI	248,611	266,663	248,822	18,051	7.26%
DC	110,221	115,746	111,031	5,524	5.01%
NC	2,130,052	2,229,299	2,181,648	99,247	4.66%
MA	1,452,039	1,518,236	1,489,216	66,197	4.56%
KY	983,719	1,025,759	987,862	42,040	4.27%
IN	1,629,223	1,680,615	1,604,340	51,392	3.15%
MI	2,507,403	2,585,459	2,536,505	78,056	3.11%
OR	847,935	874,121	872,131	26,186	3.09%
KS	662,741	681,079	690,162	18,338	2.77%
MS	752,565	771,990	744,016	19,424	2.58%
ID	384,216	393,694	393,381	9,479	2.47%
ND	143,581	147,039	141,337	3,458	2.41%
TX	6,382,391	6,531,472	6,434,805	149,081	2.34%
WV	380,838	389,674	383,347	8,837	2.32%
NV	633,794	647,690	647,426	13,896	2.19%
VA	1,816,791	1,855,850	1,815,751	39,059	2.15%
AK	191,137	187,123	185,142	4,013	2.10%
MT	209,817	214,207	212,050	4,389	2.09%
UT	761,953	746,172	759,728	15,781	2.07%
TN	1,421,947	1,449,626	1,389,061	27,678	1.95%
FL	4,092,765	4,016,368	3,997,085	76,397	1.87%
IL	3,204,484	3,263,625	3,238,668	59,141	1.85%
WA	1,503,829	1,531,306	1,511,412	27,477	1.83%
AL	1,093,528	1,075,564	1,059,634	17,965	1.64%
IA	686,099	696,896	676,362	10,797	1.57%
CA	9,686,344	9,835,748	9,638,285	149,404	1.54%
LA	1,157,609	1,174,760	1,061,106	17,151	1.48%
MN	1,239,729	1,222,204	1,213,866	17,525	1.41%
NE	444,396	438,267	433,907	6,130	1.38%
NM	500,547	493,840	492,702	6,707	1.34%
ME	276,753	273,067	272,761	3,687	1.33%
SD	186,585	184,148	185,013	2,437	1.31%
WI	1,308,826	1,324,571	1,295,943	15,745	1.20%
VT	128,496	126,963	131,557	1,533	1.19%
PA	2,803,516	2,835,900	2,786,884	32,385	1.16%
NH	308,121	304,754	295,252	3,367	1.09%
HI	306,531	303,705	301,640	2,825	0.92%
MO	1,409,844	1,422,798	1,372,086	12,954	0.92%
CO	1,181,345	1,191,460	1,175,399	10,115	0.86%
WY	117,993	117,119	116,418	874	0.74%

NY	4,539,260	4,571,291	4,507,170	32,031	0.71%
MD	1,408,503	1,398,813	1,374,134	9,690	0.69%
AZ	1,596,543	1,585,567	1,604,105	10,977	0.69%
SC	1,011,007	1,006,601	998,867	4,407	0.44%
OH	2,743,414	2,731,888	2,700,091	11,527	0.42%
CT	836,402	839,008	828,658	2,606	0.31%
AR	681,529	679,436	668,834	2,094	0.31%
NJ	2,168,825	2,164,079	2,138,137	4,747	0.22%
DE	193,310	192,949	194,567	361	0.19%
GA	2,340,307	2,336,041	2,339,574	4,266	0.18%
OK	845,638	846,350	847,234	712	0.08%

Age 18-44 Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
LA	1,721,413	1,646,664	1,487,357	74,749	4.34%
MS	1,123,617	1,078,488	1,039,409	45,128	4.02%
MI	3,771,380	3,633,958	3,565,153	137,422	3.64%
ID	543,934	525,340	524,921	18,593	3.42%
OR	1,358,252	1,318,553	1,315,548	39,699	2.92%
NJ	3,209,392	3,299,758	3,260,204	90,366	2.82%
ME	463,126	475,490	474,958	12,364	2.67%
IL	4,856,901	4,731,729	4,695,544	125,172	2.58%
TX	9,167,957	8,941,073	8,808,746	226,884	2.47%
MA	2,457,750	2,405,638	2,359,655	52,113	2.12%
KS	1,000,549	981,291	994,379	19,258	1.92%
NC	3,383,750	3,319,013	3,248,068	64,737	1.91%
KY	1,593,644	1,563,738	1,505,966	29,907	1.88%
MT	328,026	322,000	318,754	6,025	1.84%
TN	2,327,101	2,369,448	2,270,454	42,347	1.82%
FL	6,293,677	6,407,724	6,376,960	114,046	1.81%
CT	1,262,857	1,284,386	1,268,539	21,529	1.70%
AR	1,026,810	1,043,515	1,027,235	16,705	1.63%
RI	432,212	425,657	397,183	6,556	1.52%
ND	241,086	237,528	228,318	3,558	1.48%
AL	1,695,335	1,719,468	1,694,002	24,134	1.42%
IN	2,395,558	2,362,009	2,254,804	33,549	1.40%
MD	2,114,160	2,141,847	2,104,057	27,687	1.31%
OH	4,197,324	4,249,098	4,199,648	51,773	1.23%
WV	645,329	637,530	627,176	7,799	1.21%
VT	214,679	217,171	225,029	2,492	1.16%
GA	3,660,749	3,701,997	3,707,597	41,248	1.13%
DE	317,796	321,229	323,922	3,433	1.08%
UT	1,030,993	1,041,761	1,060,687	10,767	1.04%
NH	489,168	494,264	478,859	5,097	1.04%
OK	1,307,192	1,295,038	1,296,392	12,154	0.93%
MN	1,981,923	2,000,260	1,986,612	18,337	0.93%
AZ	2,248,394	2,229,105	2,255,162	19,289	0.86%
IA	1,093,266	1,102,333	1,069,853	9,067	0.83%
CA	14,429,175	14,318,848	14,031,384	110,326	0.76%
MO	2,194,560	2,211,210	2,132,397	16,650	0.76%
SD	277,109	279,047	280,357	1,938	0.70%
NV	946,576	940,177	939,797	6,398	0.68%
VA	2,938,131	2,921,578	2,858,454	16,553	0.56%
WA	2,437,344	2,423,946	2,392,453	13,399	0.55%

AK	251,488	250,150	247,503	1,337	0.53%
HI	463,552	461,347	458,209	2,205	0.48%
WY	185,891	185,043	183,942	848	0.46%
PA	4,428,777	4,413,025	4,336,748	15,752	0.36%
SC	1,587,860	1,582,375	1,570,216	5,486	0.35%
NM	710,102	707,850	706,217	2,252	0.32%
CO	1,875,583	1,881,313	1,855,957	5,730	0.31%
NY	7,325,960	7,306,388	7,203,904	19,573	0.27%
WI	2,078,056	2,072,607	2,027,815	5,449	0.26%
NE	660,222	659,425	652,868	797	0.12%
DC	247,407	247,599	237,506	192	0.08%

Age 45-64 Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
IN	1,587,077	1,743,306	1,664,181	156,228	9.84%
ID	346,254	372,278	371,983	26,025	7.52%
MI	2,600,433	2,783,608	2,730,900	183,175	7.04%
ND	168,814	179,946	172,969	11,132	6.59%
UT	467,626	497,009	506,036	29,382	6.28%
NE	435,705	462,879	458,274	27,174	6.24%
TN	1,568,667	1,475,689	1,414,030	92,979	5.93%
MA	1,659,473	1,752,803	1,719,298	93,330	5.62%
IA	767,470	807,975	784,164	40,505	5.28%
RI	289,189	303,949	283,614	14,760	5.10%
NV	585,024	557,622	557,397	27,402	4.68%
AZ	1,338,547	1,400,102	1,416,468	61,554	4.60%
WV	510,563	533,986	525,312	23,423	4.59%
AK	175,872	183,360	181,419	7,487	4.26%
AR	694,194	721,323	710,066	27,129	3.91%
PA	3,287,463	3,414,310	3,355,297	126,847	3.86%
FL	4,475,272	4,644,849	4,622,551	169,577	3.79%
VT	176,026	182,654	189,264	6,628	3.77%
MS	707,200	731,586	705,074	24,386	3.45%
IL	3,069,138	3,174,836	3,150,555	105,698	3.44%
ME	380,679	392,641	392,201	11,962	3.14%
GA	2,099,972	2,165,503	2,168,777	65,530	3.12%
SD	188,357	194,231	195,142	5,874	3.12%
KY	1,084,735	1,118,464	1,077,140	33,728	3.11%
NH	375,768	364,569	353,204	11,198	2.98%
OH	2,952,407	3,030,494	2,995,224	78,087	2.64%
SC	1,063,044	1,089,564	1,081,188	26,520	2.49%
LA	1,104,737	1,078,710	974,348	26,027	2.36%
VA	1,967,123	2,013,304	1,969,805	46,180	2.35%
WI	1,437,857	1,471,111	1,439,316	33,254	2.31%
CO	1,162,543	1,189,401	1,173,369	26,858	2.31%
MO	1,498,738	1,531,228	1,476,651	32,490	2.17%
AL	1,160,287	1,183,845	1,166,310	23,559	2.03%
OR	946,623	964,360	962,163	17,738	1.87%
DE	212,817	209,220	210,974	3,597	1.69%
MN	1,296,766	1,275,714	1,267,003	21,052	1.62%
TX	5,239,572	5,168,089	5,091,602	71,484	1.36%
NM	492,624	486,294	485,173	6,330	1.29%
OK	860,860	869,578	870,489	8,717	1.01%
MD	1,472,871	1,459,135	1,433,391	13,736	0.93%

WY	144,714	146,024	145,154	1,310	0.91%
CT	942,322	948,874	937,167	6,552	0.70%
CA	8,510,394	8,454,335	8,284,607	56,059	0.66%
MT	266,093	267,682	264,986	1,589	0.60%
NJ	2,260,236	2,248,631	2,221,675	11,605	0.51%
KS	648,990	645,793	654,402	3,198	0.49%
WA	1,644,039	1,651,195	1,629,743	7,156	0.44%
DC	133,263	132,742	127,329	521	0.39%
HI	335,672	334,725	332,449	947	0.28%
NC	2,131,418	2,126,691	2,081,230	4,727	0.22%
NY	4,857,147	4,864,950	4,796,713	7,804	0.16%

Age 65 and UP Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
IN	810,253	636,182	607,308	174,071	21.48%
RI	157,354	131,099	122,328	26,255	16.69%
LA	539,640	623,265	562,966	83,625	15.50%
IA	443,683	383,314	372,017	60,369	13.61%
MA	871,385	763,970	749,367	107,415	12.33%
GA	899,259	796,747	797,952	102,512	11.40%
ND	97,169	86,137	82,796	11,031	11.35%
UT	215,923	191,555	195,037	24,368	11.29%
ME	195,040	174,401	174,206	20,639	10.58%
AR	397,299	355,559	350,011	41,740	10.51%
ID	167,954	151,044	150,923	16,910	10.07%
MI	1,276,955	1,153,146	1,131,312	123,809	9.70%
VT	79,835	72,248	74,863	7,587	9.50%
CO	472,624	429,921	424,125	42,703	9.04%
NE	237,833	217,586	215,422	20,248	8.51%
WV	288,287	263,826	259,541	24,461	8.49%
KY	541,720	495,858	477,537	45,862	8.47%
VA	883,928	815,242	797,630	68,686	7.77%
MO	804,795	742,701	716,228	62,094	7.72%
OH	1,550,118	1,431,784	1,415,120	118,334	7.63%
PA	1,932,944	1,789,464	1,758,533	143,480	7.42%
DC	70,683	65,488	62,819	5,195	7.35%
NV	282,601	302,505	302,383	19,905	7.04%
FL	3,069,161	2,861,935	2,848,191	207,227	6.75%
TX	2,329,681	2,478,967	2,442,279	149,286	6.41%
NJ	1,158,668	1,084,654	1,071,652	74,014	6.39%
NM	239,423	254,712	254,123	15,289	6.39%
CT	484,785	454,098	448,495	30,687	6.33%
WI	735,871	692,321	677,360	43,550	5.92%
NH	166,763	176,232	170,738	9,469	5.68%
SD	109,446	104,071	104,559	5,374	4.91%
AL	619,238	589,510	580,777	29,728	4.80%
AK	45,502	43,366	42,908	2,136	4.70%
AZ	771,588	740,299	748,955	31,289	4.06%
HI	177,283	183,261	182,015	5,978	3.37%
MN	630,012	650,253	645,816	20,240	3.21%
SC	534,368	517,740	513,761	16,627	3.11%
TN	790,390	813,343	779,360	22,953	2.90%
WA	733,626	712,391	703,134	21,235	2.90%
NC	1,079,295	1,049,512	1,027,078	29,783	2.76%

IL	1,537,169	1,497,502	1,486,053	39,667	2.58%
KS	345,584	349,702	354,362	4,118	1.19%
OR	474,181	469,956	468,887	4,225	0.89%
NY	2,543,009	2,522,747	2,487,361	20,262	0.80%
WY	63,810	64,222	63,838	412	0.65%
MD	664,094	659,833	648,190	4,261	0.64%
OK	468,322	471,046	471,539	2,724	0.58%
DE	111,221	111,746	112,683	525	0.47%
CA	3,948,373	3,965,355	3,885,747	16,982	0.43%
MS	366,784	368,103	354,765	1,318	0.36%
MT	131,018	131,065	129,744	47	0.04%

Hispanic Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
MS	52,153	86,886	83,737	34,734	66.60%
ME	13,585	5,994	5,987	7,591	55.88%
WV	15,455	7,749	7,624	7,706	49.86%
NH	29,801	18,573	17,993	11,228	37.68%
VT	6,487	4,395	4,554	2,092	32.25%
KY	83,097	56,474	54,390	26,623	32.04%
LA	129,040	87,902	79,399	41,138	31.88%
SD	16,104	20,407	20,501	4,303	26.72%
MD	319,105	402,341	395,244	83,236	26.08%
IA	110,755	138,714	134,627	27,959	25.24%
AL	105,412	130,749	128,815	25,338	24.04%
WA	555,552	427,824	422,267	127,728	22.99%
OH	262,576	320,361	316,634	57,785	22.01%
KS	221,113	173,046	175,353	48,067	21.74%
IL	1,834,560	1,444,944	1,433,892	389,615	21.24%
OK	233,995	189,701	189,901	44,294	18.93%
HI	103,931	84,661	84,083	19,270	18.54%
NE	128,343	151,170	149,664	22,827	17.79%
GA	650,884	764,083	765,239	113,199	17.39%
VA	461,003	533,672	522,143	72,669	15.76%
DE	50,547	58,249	58,737	7,702	15.24%
AK	34,325	29,258	28,948	5,067	14.76%
NJ	1,345,532	1,520,819	1,502,590	175,287	13.03%
AZ	1,718,645	1,940,836	1,963,524	222,191	12.93%
WI	250,783	221,008	216,232	29,775	11.87%
NC	562,368	626,560	613,167	64,192	11.42%
TN	181,775	201,890	193,456	20,115	11.07%
MT	23,005	20,656	20,447	2,349	10.21%
ND	10,999	9,887	9,504	1,111	10.11%
OR	360,123	329,418	328,663	30,705	8.53%
CT	387,381	359,679	355,242	27,702	7.15%
RI	118,453	126,606	118,138	8,153	6.88%
MI	389,408	363,685	356,799	25,723	6.61%
NV	580,836	542,643	542,424	38,192	6.58%
FL	3,512,084	3,711,426	3,693,607	199,342	5.68%
SC	139,523	132,514	131,498	7,009	5.02%
PA	500,320	523,387	514,339	23,067	4.61%
IN	298,514	310,013	295,941	11,500	3.85%
TX	8,155,793	8,434,063	8,309,240	278,269	3.41%
AR	132,428	128,317	126,315	4,110	3.10%

UT	270,449	276,953	281,983	6,504	2.41%
MO	166,248	162,452	156,660	3,796	2.28%
MA	511,241	521,935	511,961	10,694	2.09%
ID	131,870	134,542	134,437	2,672	2.03%
DC	48,463	49,102	47,104	639	1.32%
CA	12,918,077	12,754,826	12,498,764	163,251	1.26%
MN	190,128	192,385	191,068	2,257	1.19%
CO	921,955	911,369	899,083	10,587	1.15%
NY	3,123,616	3,093,691	3,050,296	29,925	0.96%
WY	34,495	34,752	34,545	257	0.75%
NM	838,920	844,761	842,813	5,841	0.70%

Non-Hispanic Population Comparison					
	Column 2	Column 3			
State	Sum of PCSA estimates using Claritas block/block group data	Sum of PCSA level estimates after applying CPS proportions	CPS Estimate from Census Web site	Difference between Column2 and 3	Ratio of Difference over Column2
AZ	4,236,428	4,014,237	4,061,167	222,191	5.24%
IL	10,833,133	11,222,748	11,136,926	389,615	3.60%
NJ	7,451,589	7,276,302	7,189,078	175,287	2.35%
WA	5,763,287	5,891,014	5,814,475	127,728	2.22%
NV	1,867,159	1,905,351	1,904,580	38,192	2.05%
KS	2,436,752	2,484,819	2,517,951	48,067	1.97%
TX	14,963,807	14,685,538	14,468,191	278,269	1.86%
HI	1,179,107	1,198,377	1,190,229	19,270	1.63%
MD	5,340,524	5,257,288	5,164,527	83,236	1.56%
NE	1,649,813	1,626,986	1,610,808	22,827	1.38%
FL	14,418,792	14,219,450	14,151,181	199,342	1.38%
OK	3,248,017	3,292,311	3,295,753	44,294	1.36%
GA	8,349,403	8,236,204	8,248,660	113,199	1.36%
MS	2,898,014	2,863,281	2,759,526	34,734	1.20%
VA	7,144,970	7,072,301	6,919,498	72,669	1.02%
DE	784,597	776,895	783,410	7,702	0.98%
IA	2,879,763	2,851,803	2,767,769	27,959	0.97%
OR	3,266,867	3,297,572	3,290,063	30,705	0.94%
LA	4,394,359	4,435,497	4,006,377	41,138	0.94%
CT	3,138,985	3,166,687	3,127,615	27,702	0.88%
NH	1,310,018	1,321,246	1,280,059	11,228	0.86%
RI	1,008,914	1,000,761	933,813	8,153	0.81%
AK	629,675	634,742	628,023	5,067	0.80%
NC	8,162,147	8,097,955	7,924,855	64,192	0.79%
CA	23,656,209	23,819,460	23,341,260	163,251	0.69%
KY	4,120,721	4,147,344	3,994,115	26,623	0.65%
ME	1,302,014	1,309,605	1,308,140	7,591	0.58%
SD	745,393	741,091	744,569	4,303	0.58%
AL	4,462,976	4,437,638	4,371,910	25,338	0.57%
WI	5,309,826	5,339,601	5,224,203	29,775	0.56%
NM	1,103,776	1,097,935	1,095,403	5,841	0.53%
OH	11,180,687	11,122,902	10,993,449	57,785	0.52%
WV	1,809,561	1,817,267	1,787,750	7,706	0.43%
VT	592,549	594,640	616,160	2,092	0.35%
TN	5,926,330	5,906,216	5,659,451	20,115	0.34%
UT	2,206,047	2,199,543	2,239,506	6,504	0.29%
CO	3,770,139	3,780,725	3,729,770	10,587	0.28%
MI	9,766,764	9,792,486	9,607,069	25,723	0.26%
MT	911,949	914,298	905,084	2,349	0.26%
ID	1,310,487	1,307,815	1,306,772	2,672	0.20%

PA	11,952,379	11,929,312	11,723,123	23,067	0.19%
IN	6,123,598	6,112,099	5,834,690	11,500	0.19%
NY	16,141,760	16,171,685	15,944,850	29,925	0.19%
MA	5,929,406	5,918,713	5,805,575	10,694	0.18%
ND	639,651	640,763	615,915	1,111	0.17%
SC	4,056,757	4,063,765	4,032,537	7,009	0.17%
AR	2,667,405	2,671,516	2,629,829	4,110	0.15%
DC	513,112	512,472	491,581	639	0.12%
MO	5,741,689	5,745,485	5,540,701	3,796	0.07%
WY	477,913	477,656	474,806	257	0.05%
MN	4,958,303	4,956,046	4,922,230	2,257	0.05%