

## The Importance of Public Health in Louisiana: State Specific Data

Louisiana is a state of approximately 4,529,426 people. Like many other states, Louisiana faces many public health challenges including high obesity, asthma and smoking rates. In addition, Louisiana faces the unpredictable risk of natural disaster, as seen in past years through Hurricane Katrina and the Gulf oil spill. Ensuring a strong public health infrastructure is especially important as Louisiana rebuilds its infrastructure and prepares for the future.

### Workforce

- Louisiana has 237 Health Professional Shortage Area (HPSA) for primary medical care and mental health and 291 Medically Underserved Areas/Populations (MUA/P).<sup>1</sup> The HPSAs in Louisiana serve 2,577,256 people.<sup>2</sup>
- In 2010, there were 3,532 active primary care physicians in Louisiana, accounting for approximately 78 active primary care physicians per 100,000 population. Louisiana ranked 36 in among states in primary care physicians.<sup>3</sup>

### Health Disparities<sup>4</sup>

Deaths per 100,000 in 2008	Louisiana	United States
Deaths	White: 874.9; Black: 1065.8; Other: 401.9	White: 750.3; Black: 934.9; Other: 445.8
Cancer Deaths	White: 195.1; Black: 236.4; Other: 77.1	White: 174.7; Black: 209.1; Other: 108.5
Diabetes Deaths	White: 24.8; Black: 45.7; Other: not sufficient data	White: 19.9; Black: 40.5; Other: 18.9
Heart Disease Deaths	White: 218.4; Black: 267.1; Other: 109.5	White: 183.9; Black: 238.6; Other: 103.6
Deaths due to Firearms	White: 13.8; Black: 26.5; Other: not sufficient data	White: 9.1; Black: 18.4; Other: 3.6

\*Other includes American Indian/Alaska Native and Asian/Pacific Islander

### Health Indicators

- In 2010, 66.4% of adults in Louisiana were obese.<sup>4</sup> Louisiana is fifth highest in the country in obesity. Obesity is not only related to conditions including heart disease, stroke, type 2 diabetes and certain cancer, but it is also associated with higher medical costs. Nationally, in 2008 medical costs associated with obesity were estimated at \$147 billion.<sup>5</sup>
- Louisiana suffers from a high prevalence of asthma. In 2010, the asthma prevalence was 11.6%. In addition, 22.4% of high school students had asthma in 2009, which is higher than the national average.<sup>8</sup>
- In 2010, Louisiana vaccination rates among adults age 65 and older for pneumococcal, 67.4%, and seasonal flu vaccination 64.3%, were lower than the national average.<sup>8</sup>  
In 2008, Louisiana's infant mortality rate was 9.1 per 1,000 live births compared to the national average of 6.6 per 1,000 live births.<sup>8</sup>
- 22.1% of Adults currently smoke cigarettes in Louisiana. Smoking attributable expenditures (SAE) in Louisiana was approximately \$1,454,000,000 in 2004. SAE are excess personal health care expenditures attributed to diseases where cigarette smoking is a primary risk factor, among adults aged 18 years and older. The CDC Office on Smoking and Health's Best Practices Recommended Annual Investment for Louisiana is \$53,500,000. In 2011, Louisiana's actual funding was \$1,101,612.<sup>6</sup>

### Disaster preparedness:

- Hurricane Katrina revealed weaknesses in the basic elements of preparing for, responding to, and recovering from catastrophic disaster. Since 2005, Louisiana has made significant improvements to emergency disaster preparedness and disaster management systems. For the second consecutive year, Louisiana scored a perfect 100 on the Centers for Disease Control and Prevention's (CDC) evaluation of the state's public health emergency preparedness and response capabilities.<sup>7</sup>
- Baton Rouge and New Orleans "Cities Readiness Initiative" are at risk for elimination. The Initiative supports the ability to rapidly distribute and administer vaccines and medications during emergencies.<sup>9</sup>
- In FY2011 Louisiana received \$23.58 CDC per capita funding, \$31.64 HRSA per capita funding, and \$49.70 per capita state public health funding, Louisiana ranked slightly higher than the national average in funding from CDC, HRSA, and state public health budgets.<sup>8</sup>

1. HPSAs are designated by the Health Resources and Service Administration (HRSA) as having shortages of primary medical care, dental or mental health providers and may be geographic (a county or service area), demographic (low income population) or institutional (comprehensive health center, federally qualified health center or other public facility). Medically Underserved Areas/Populations are areas or populations designated by HRSA as having: too few primary care providers, high infant mortality, high poverty and/or high elderly population. Accessed: <http://hpsafind.hrsa.gov/HPSASearch.aspx>

2. Accessed: <http://datawarehouse.hrsa.gov/hpsadetail.aspx>

3. Physicians are counted as primary care physicians if their self-designated primary specialty is one of the following: adolescent medicine, family medicine, general practice, geriatric medicine, internal medicine, internal medicine/pediatrics, or pediatrics. Accessed: <https://www.aamc.org/download/263512/data/statedata2011.pdf>

4. Accessed: <http://www.statehealthfacts.org/profileglance.jsp?rgn=20&rgn=1>

5. Accessed: <http://www.cdc.gov/obesity/data/adult.html>

6. Accessed: <http://apps.nccd.cdc.gov/statesystem/DetailedReport/Reports.aspx#ReportDetail>

7. Accessed: [http://www.cdc.gov/phpr/pubs-links/2011/documents/2011\\_FACTSHEETS\\_LA.pdf](http://www.cdc.gov/phpr/pubs-links/2011/documents/2011_FACTSHEETS_LA.pdf)

8. Accessed: <http://healthyamericans.org/assets/files/Investing.pdf>

9. Accessed: <http://healthyamericans.org/reports/bioterror11/release.php?stateid=LA>

## B. STATE INVESTMENT IN PUBLIC HEALTH

### State Funding for Public Health

State Public Health Budgets			
State	FY 2010-2011	FY 10-11 Per Capita	Per Capita Ranking
Hawaii <sup>2</sup>	\$210,580,163	\$154.80	1
District of Columbia <sup>4</sup>	\$55,676,000	\$92.53	2
Idaho	\$122,845,700	\$78.37	3
Alaska <sup>2</sup>	\$55,550,000	\$78.21	4
West Virginia	\$132,295,059	\$71.40	5
New York	\$1,361,874,065	\$70.28	6
Vermont <sup>4</sup>	\$43,951,667	\$70.24	7
Alabama	\$335,488,409	\$70.19	8
California	\$2,415,831,000	\$64.85	9
Wyoming	\$33,852,718	\$60.06	10
Massachusetts	\$350,186,952	\$53.48	11
Arkansas	\$149,800,388	\$51.37	12
New Mexico <sup>4</sup>	\$105,036,600	\$51.01	13
Louisiana	\$225,294,657	\$49.70	14
Rhode Island <sup>4</sup>	\$50,815,757	\$48.28	15
Kentucky	\$192,860,700	\$44.44	16
Tennessee	\$278,401,400	\$43.87	17
Nebraska	\$72,785,962	\$39.85	18
Washington <sup>3</sup>	\$265,838,500	\$39.53	19
Virginia <sup>3</sup>	\$295,499,639	\$36.93	20
Colorado	\$183,551,436	\$36.50	21
Oklahoma <sup>1</sup>	\$135,791,000	\$36.20	22
Delaware <sup>2</sup>	\$28,791,300	\$32.06	23
Utah <sup>4</sup>	\$84,410,000	\$30.54	24
South Dakota <sup>4</sup>	\$24,558,841	\$30.16	25
<b>MEDIAN \$30.09</b>			
Maryland <sup>2,4</sup>	\$173,747,000	\$30.09	26
New Jersey	\$236,625,000	\$26.91	27
North Dakota <sup>3</sup>	\$16,939,076	\$25.18	28
Montana	\$24,180,994	\$24.44	29
Maine <sup>2</sup>	\$31,434,509	\$23.66	30
Florida <sup>2</sup>	\$441,688,341	\$23.49	31
Illinois	\$297,742,900	\$23.21	32
Connecticut <sup>2</sup>	\$79,551,713	\$22.26	33
Michigan <sup>3</sup>	\$205,877,200	\$20.83	34
Texas	\$521,636,021	\$20.74	35
South Carolina	\$81,225,679	\$17.56	36
Iowa <sup>4</sup>	\$51,790,348	\$17.00	37
Georgia	\$162,837,455	\$16.81	38
New Hampshire <sup>4</sup>	\$21,026,483	\$15.97	39
Ohio	\$175,566,137	\$15.22	40
Kansas	\$43,092,255	\$15.10	41
Pennsylvania <sup>2</sup>	\$190,456,000	\$14.99	42
North Carolina <sup>2</sup>	\$132,055,198	\$13.85	43
Oregon	\$52,141,850	\$13.61	44
Indiana	\$83,710,931	\$12.91	45
Minnesota <sup>2</sup>	\$64,815,000	\$12.22	46
Wisconsin	\$52,826,100	\$9.29	47
Mississippi <sup>2</sup>	\$25,875,597	\$8.72	48
Arizona	\$54,120,500	\$8.47	49
Missouri <sup>4</sup>	\$35,311,567	\$5.90	50
Nevada	\$9,307,757	\$3.45	51

Notes:

1 May contain some social service programs, but not Medicaid or CHIP.

2 General funds only.

3 Budget data taken from appropriations legislation.

4 State did not respond to the data check TFAH coordinated with ASTHO that was sent out October 26, 2011. States were given until November 18, 2011 to confirm or correct the information. The states that did not reply by that date were assumed to be in accordance with the findings.

## APPENDIX F: STATE-BY-STATE FUNDING CHART — CDC

CDC FUNDING BY STATE												
State	PPHF/Other Affordable Care Act	Agency for Toxic Substances and Disease Registry (ATSDR)	Birth Defects and Developmental Disabilities	Cancer	Chronic Disease Prevention/Health Promotion (All Other)	Diabetes	Environmental Health	Heart Disease	HIV/AIDS	Vaccine for Children	Section 317 Immunization Program	Infectious Diseases (All Other)
Alabama	\$4,491,074	\$0	\$551,055	\$5,483,915	\$1,796,051	\$512,407	\$164,043	\$376,022	\$5,167,179	\$55,388,691	\$3,309,014	\$844,286
Alaska	\$2,920,582	\$264,250	\$456,933	\$9,439,241	\$623,499	\$514,044	\$0	\$435,420	\$1,615,950	\$10,838,232	\$1,120,749	\$393,987
Arizona	\$5,367,906	\$255,065	\$1,839,532	\$5,560,231	\$264,587	\$220,332	\$537,316	\$339,654	\$6,091,731	\$80,154,471	\$5,088,873	\$693,366
Arkansas	\$5,878,794	\$230,787	\$1,776,692	\$3,797,656	\$739,584	\$427,557	\$0	\$985,564	\$2,201,586	\$39,795,202	\$1,982,446	\$408,341
California	\$41,376,896	\$669,864	\$3,460,051	\$15,199,092	\$3,523,201	\$3,586,866	\$5,621,895	\$841,818	\$71,146,478	\$508,084,654	\$23,527,721	\$3,230,051
Colorado	\$6,560,347	\$255,150	\$3,129,939	\$7,363,948	\$1,249,821	\$1,208,879	\$224,981	\$315,204	\$8,040,563	\$42,653,709	\$4,271,837	\$1,620,970
Connecticut	\$6,380,728	\$435,189	\$195,720	\$2,633,368	\$535,946	\$214,344	\$1,031,132	\$350,000	\$7,929,325	\$33,188,107	\$2,029,307	\$1,809,133
Delaware	\$1,327,645	\$0	\$322,047	\$2,170,288	\$188,864	\$347,337	\$0	\$8,384	\$2,431,768	\$10,418,907	\$684,782	\$397,774
D.C.	\$7,531,470	\$1,769,368	\$6,968,143	\$2,940,316	\$5,300,105	\$1,697,111	\$2,342,637	\$851,381	\$20,403,268	\$8,496,504	\$1,954,092	\$3,161,642
Florida	\$8,521,978	\$697,876	\$795,437	\$8,284,288	\$1,219,932	\$849,416	\$1,420,113	\$1,071,106	\$33,077,364	\$189,989,369	\$10,596,079	\$348,975
Georgia	\$9,473,287	\$274,661	\$159,909	\$10,479,056	\$7,832,590	\$1,212,149	\$1,707,271	\$2,117,198	\$14,701,282	\$135,952,153	\$6,305,521	\$3,846,491
Hawaii	\$4,022,922	\$0	\$216,996	\$1,776,730	\$232,679	\$295,998	\$700,887	\$147,267	\$2,867,739	\$14,087,536	\$1,551,016	\$379,324
Idaho	\$1,199,777	\$223,879	\$137,801	\$2,293,492	\$40,000	\$276,946	\$101,878	\$367,070	\$968,203	\$20,081,513	\$1,371,551	\$198,910
Illinois	\$10,917,637	\$670,531	\$6,036,117	\$9,707,170	\$5,090,150	\$2,124,898	\$1,178,012	\$355,108	\$19,913,910	\$139,513,671	\$7,256,692	\$2,047,812
Indiana	\$3,443,923	\$0	\$205,650	\$2,930,870	\$183,620	\$352,258	\$965,182	\$0	\$4,015,350	\$65,696,959	\$1,984,348	\$384,537
Iowa	\$7,713,019	\$0	\$2,464,637	\$4,647,697	\$1,018,823	\$189,288	\$851,507	\$569,600	\$2,402,321	\$25,077,633	\$2,118,483	\$700,463
Kansas	\$5,429,114	\$0	\$375,000	\$3,504,519	\$1,284,566	\$768,951	\$593,984	\$911,406	\$1,908,165	\$24,031,345	\$2,313,917	\$377,391
Kentucky	\$3,187,224	\$0	\$343,216	\$4,976,718	\$638,132	\$1,113,584	\$920,077	\$480,000	\$2,329,878	\$44,492,516	\$2,439,464	\$554,505
Louisiana	\$3,506,072	\$343,969	\$415,763	\$3,786,793	\$1,574,265	\$133,148	\$1,269,927	\$519,650	\$10,105,178	\$67,213,177	\$1,655,487	\$502,809
Maine	\$5,855,468	\$0	\$157,334	\$3,236,516	\$684,892	\$302,353	\$1,028,595	\$1,101,229	\$2,230,943	\$10,461,885	\$1,837,645	\$292,328
Maryland	\$9,122,909	\$69,673	\$6,245,908	\$6,033,030	\$5,323,288	\$521,429	\$2,508,390	\$538,295	\$17,008,852	\$60,974,411	\$3,711,870	\$5,031,533
Massachusetts	\$15,796,254	\$406,895	\$1,827,650	\$4,988,769	\$3,665,791	\$1,205,488	\$1,645,047	\$1,695,325	\$15,072,474	\$60,252,712	\$4,249,896	\$1,914,304
Michigan	\$6,982,015	\$419,276	\$1,564,464	\$13,689,835	\$3,101,689	\$2,030,232	\$1,695,947	\$990,415	\$10,792,442	\$90,804,476	\$6,435,185	\$1,210,618
Minnesota	\$11,621,529	\$440,860	\$953,665	\$8,688,311	\$1,947,584	\$819,133	\$2,167,963	\$1,202,289	\$4,454,245	\$36,703,085	\$4,069,793	\$2,525,388
Mississippi	\$2,692,816	\$0	\$138,246	\$3,479,496	\$219,822	\$347,461	\$918,241	\$3,918,218	\$5,346,325	\$43,353,731	\$2,465,128	\$206,162
Missouri	\$5,061,104	\$335,895	\$848,413	\$5,978,412	\$1,605,020	\$421,537	\$1,121,300	\$1,321,743	\$5,974,272	\$56,417,831	\$3,516,836	\$1,053,490
Montana	\$2,434,986	\$2,490,094	\$554,998	\$3,675,061	\$40,000	\$637,840	\$796,924	\$1,239,472	\$1,452,752	\$7,418,976	\$880,697	\$314,205
Nebraska	\$3,536,140	\$0	\$136,100	\$5,493,110	\$615,146	\$344,259	\$139,750	\$492,679	\$1,847,808	\$21,377,061	\$1,607,380	\$627,774
Nevada	\$2,271,622	\$0	\$411,018	\$3,662,328	\$810,000	\$265,952	\$591,697	\$125,267	\$3,443,287	\$33,236,067	\$1,550,984	\$551,352
New Hampshire	\$2,981,122	\$303,659	\$324,900	\$3,494,997	\$215,251	\$406,772	\$840,053	\$0	\$1,532,897	\$8,336,866	\$966,676	\$631,077
New Jersey	\$5,176,702	\$528,292	\$6,825,976	\$4,362,351	\$228,612	\$485,355	\$966,049	\$184,069	\$21,296,757	\$75,849,599	\$2,866,198	\$465,258
New Mexico	\$6,865,605	\$999,758	\$130,144	\$4,097,542	\$923,959	\$514,127	\$1,225,836	\$188,812	\$2,835,700	\$35,091,101	\$2,147,898	\$1,512,433
New York	\$26,502,630	\$993,511	\$5,180,365	\$13,047,024	\$8,037,592	\$887,027	\$3,960,889	\$1,709,050	\$91,949,439	\$221,994,356	\$14,872,933	\$8,568,837
North Carolina	\$13,253,683	\$339,141	\$3,602,676	\$7,248,411	\$3,051,911	\$1,326,269	\$1,512,355	\$1,894,270	\$8,204,907	\$97,361,800	\$4,970,285	\$708,168
North Dakota	\$1,256,799	\$0	\$355,703	\$2,030,037	\$382,159	\$319,835	\$99,757	\$336,875	\$941,206	\$5,688,437	\$818,187	\$398,116
Ohio	\$4,607,032	\$496,592	\$500,782	\$5,698,439	\$1,225,482	\$1,787,338	\$1,194,929	\$953,063	\$7,036,103	\$98,675,172	\$5,059,594	\$3,766,212
Oklahoma	\$6,050,780	\$0	\$327,750	\$3,861,611	\$602,496	\$920,403	\$838,050	\$241,741	\$3,521,493	\$56,917,111	\$2,726,703	\$430,583
Oregon	\$5,556,851	\$557,772	\$662,365	\$5,536,369	\$638,844	\$817,980	\$1,928,125	\$342,103	\$3,881,557	\$31,959,508	\$2,863,605	\$1,747,474
Pennsylvania	\$5,858,209	\$459,685	\$1,409,463	\$5,485,405	\$1,701,219	\$676,819	\$1,094,579	\$0	\$19,307,281	\$107,177,167	\$6,977,893	\$1,345,117
Rhode Island	\$2,355,850	\$0	\$712,237	\$2,350,004	\$401,458	\$675,997	\$1,419,372	\$335,527	\$2,176,427	\$13,500,850	\$927,932	\$720,997
South Carolina	\$9,233,726	\$0	\$1,478,538	\$5,502,715	\$2,218,158	\$599,547	\$261,483	\$1,042,216	\$7,658,479	\$48,176,016	\$2,954,250	\$1,005,586
South Dakota	\$1,774,653	\$0	\$122,472	\$3,723,079	\$39,959	\$229,249	\$0	\$0	\$1,019,538	\$9,172,505	\$690,695	\$376,936
Tennessee	\$4,019,362	\$280,788	\$1,256,873	\$2,100,332	\$532,319	\$315,033	\$500,000	\$100,044	\$6,435,558	\$72,384,462	\$3,694,035	\$1,959,438
Texas	\$18,468,737	\$595,070	\$1,567,847	\$9,727,859	\$2,466,449	\$881,488	\$1,341,118	\$316,997	\$35,961,752	\$368,470,821	\$17,472,175	\$1,250,056
Utah	\$5,202,513	\$288,573	\$2,251,692	\$5,325,001	\$593,373	\$762,511	\$396,000	\$886,949	\$1,711,177	\$22,773,277	\$2,421,979	\$703,849
Vermont	\$3,999,573	\$0	\$150,000	\$1,749,735	\$490,768	\$312,975	\$915,735	\$24,771	\$1,601,371	\$6,055,559	\$868,184	\$552,453
Virginia	\$5,638,859	\$349,319	\$396,274	\$5,199,195	\$1,628,866	\$321,678	\$765,444	\$785,691	\$8,325,368	\$56,289,087	\$3,468,518	\$1,307,863
Washington	\$11,812,063	\$540,552	\$220,257	\$9,807,826	\$1,618,858	\$1,524,240	\$3,231,903	\$1,000,366	\$7,331,703	\$101,108,135	\$4,088,849	\$1,232,033
West Virginia	\$6,612,483	\$0	\$0	\$5,403,347	\$175,289	\$819,155	\$396,000	\$570,562	\$1,812,622	\$17,786,674	\$1,052,442	\$354,888
Wisconsin	\$10,694,466	\$517,638	\$992,837	\$4,610,758	\$950,171	\$935,854	\$1,599,909	\$337,256	\$4,279,201	\$45,571,882	\$3,137,509	\$966,057
Wyoming	\$1,871,534	\$0	\$141,924	\$1,367,789	\$175,000	\$315,576	\$0	\$0	\$906,856	\$5,728,464	\$719,981	\$590,204
<b>U.S. TOTAL</b>	<b>\$364,418,470</b>	<b>\$17,503,632</b>	<b>\$71,299,509</b>	<b>\$277,630,082</b>	<b>\$79,647,840</b>	<b>\$38,776,425</b>	<b>\$56,732,282</b>	<b>\$34,917,146</b>	<b>\$524,668,030</b>	<b>\$3,442,223,433</b>	<b>\$197,653,314</b>	<b>\$66,221,556</b>

	Injury Prevention and Control	Nutrition/Physical Activity	Occupational Safety & Health	Influenza (including supplemental funding)	Preventive Health Service Block Grants	Public Health Scientific Services (BRFSS)	School Health	Sexually Transmitted Diseases (STD)	Tobacco	Public Health Preparedness and Emergency Response	Tuberculosis Elimination	CDC Total (All Categories)	CDC Per Capita 2011	CDC Per Capita Ranking
	\$543,390	\$0	\$1,354,873	\$0	\$1,299,655	\$196,750	\$437,071	\$2,531,682	\$1,326,289	\$8,585,696	\$1,069,255	\$95,428,398	\$19.87	30
	\$632,047	\$0	\$86,561	\$0	\$262,961	\$121,141	\$207,671	\$401,442	\$1,662,134	\$5,169,600	\$399,438	\$37,565,882	\$51.98	1
	\$1,010,519	\$0	\$896,837	\$0	\$934,962	\$103,843	\$720,000	\$1,249,811	\$1,281,398	\$12,202,947	\$1,379,549	\$126,192,930	\$19.47	33
	\$327,659	\$198,732	\$0	\$98,048	\$930,442	\$0	\$679,698	\$928,010	\$1,096,919	\$6,490,184	\$536,059	\$69,509,960	\$23.66	18
	\$9,077,880	\$304,641	\$5,340,304	\$0	\$5,504,967	\$185,349	\$2,960,286	\$12,558,750	\$2,827,932	\$61,558,437	\$16,232,315	\$796,819,448	\$21.14	25
	\$3,995,468	\$683,146	\$2,732,632	\$0	\$1,036,423	\$140,091	\$869,660	\$1,756,271	\$1,253,296	\$9,397,930	\$543,390	\$99,303,655	\$19.41	35
	\$416,711	\$23,208	\$657,589	\$0	\$1,111,658	\$344,113	\$592,957	\$831,309	\$1,009,696	\$7,697,107	\$449,685	\$69,866,332	\$19.51	31
	\$310,217	\$5,000	\$0	\$68,532	\$145,956	\$0	\$223,837	\$350,498	\$669,136	\$5,522,932	\$281,176	\$25,875,080	\$28.52	9
	\$1,061,078	\$240,901	\$1,658,772	\$188,088	\$680,676	\$111,138	\$3,143,690	\$2,462,371	\$2,916,500	\$12,330,138	\$577,216	\$88,786,605	N/A	N/A
	\$3,113,286	\$0	\$1,587,841	\$0	\$2,500,964	\$69,544	\$1,438,883	\$3,649,940	\$1,493,816	\$27,257,909	\$7,277,795	\$305,261,911	\$16.02	46
	\$3,401,924	\$151,960	\$855,907	\$59,571	\$2,883,050	\$76,980	\$819,347	\$4,044,678	\$1,090,946	\$18,636,887	\$2,669,663	\$228,752,481	\$23.31	21
	\$299,856	\$331,902	\$0	\$0	\$592,497	\$104,818	\$234,984	\$364,093	\$800,128	\$5,439,616	\$750,636	\$35,197,624	\$25.60	12
	\$159,880	\$0	\$0	\$0	\$288,034	\$97,996	\$482,792	\$396,850	\$1,701,438	\$5,064,052	\$177,962	\$35,630,024	\$22.48	22
	\$3,993,832	\$0	\$2,260,348	\$298,417	\$2,120,278	\$89,387	\$1,145,935	\$3,922,941	\$1,064,167	\$28,062,062	\$2,755,941	\$250,525,016	\$19.47	33
	\$742,055	\$150,000	\$103,575	\$0	\$1,308,717	\$80,722	\$243,845	\$1,682,938	\$1,472,868	\$11,138,909	\$682,466	\$97,768,792	\$15.00	48
	\$1,259,040	\$28,734	\$1,725,749	\$0	\$845,962	\$202,127	\$208,372	\$682,187	\$1,011,630	\$7,310,155	\$352,894	\$61,380,321	\$20.04	29
	\$864,988	\$7,000	\$0	\$0	\$725,326	\$226,577	\$195,344	\$823,327	\$1,285,389	\$6,595,020	\$408,412	\$52,629,741	\$18.33	36
	\$1,504,002	\$24,625	\$689,453	\$0	\$1,036,693	\$280,439	\$259,625	\$939,934	\$1,427,307	\$8,672,367	\$702,061	\$77,011,820	\$17.63	41
	\$608,683	\$586,208	\$175,417	\$0	\$2,205,415	\$94,312	\$153,188	\$1,999,683	\$996,729	\$8,735,663	\$1,283,459	\$107,864,995	\$23.58	20
	\$357,159	\$0	\$100,000	\$0	\$676,899	\$91,622	\$207,016	\$278,245	\$1,143,175	\$4,951,269	\$176,514	\$35,171,087	\$26.48	10
	\$4,133,961	\$0	\$6,729,139	\$896,821	\$1,508,669	\$389,567	\$519,896	\$3,131,749	\$1,222,751	\$14,675,178	\$2,203,605	\$152,500,924	\$26.17	11
	\$2,205,176	\$2,387,641	\$2,492,004	\$0	\$2,081,371	\$112,706	\$165,084	\$2,060,318	\$1,983,559	\$14,913,602	\$1,111,661	\$142,233,727	\$21.59	24
	\$3,826,157	\$878,194	\$2,789,011	\$0	\$3,035,244	\$314,041	\$1,011,438	\$2,766,302	\$2,295,644	\$16,712,103	\$1,038,151	\$174,382,879	\$17.66	40
	\$1,537,645	\$585,050	\$1,523,759	\$0	\$1,981,465	\$142,777	\$580,001	\$1,079,000	\$1,133,740	\$11,430,546	\$1,067,824	\$96,655,652	\$18.08	39
	\$348,489	\$0	\$0	\$0	\$1,109,595	\$87,420	\$594,589	\$1,282,766	\$1,099,391	\$6,419,473	\$749,216	\$74,776,585	\$25.11	13
	\$1,988,646	\$507,000	\$0	\$0	\$2,029,587	\$85,926	\$0	\$2,181,066	\$1,156,517	\$10,717,722	\$584,517	\$102,906,834	\$17.12	43
	\$370,152	\$775,580	\$107,000	\$0	\$500,799	\$146,737	\$213,700	\$248,017	\$959,869	\$4,973,310	\$180,789	\$30,411,958	\$30.47	7
	\$510,330	\$0	\$115,200	\$0	\$1,254,468	\$85,215	\$215,986	\$434,579	\$1,213,833	\$5,150,909	\$213,427	\$45,411,154	\$24.64	16
	\$243,043	\$5,000	\$0	\$0	\$308,678	\$132,068	\$173,618	\$694,721	\$857,089	\$6,492,738	\$573,577	\$56,400,106	\$20.71	26
	\$152,806	\$5,000	\$115,200	\$0	\$1,318,562	\$114,471	\$168,105	\$257,118	\$1,044,019	\$5,390,877	\$231,862	\$28,832,290	\$21.87	23
	\$1,674,222	\$5,000	\$804,866	\$161,078	\$2,231,266	\$147,634	\$842,840	\$3,148,312	\$1,265,532	\$16,334,853	\$3,381,207	\$149,232,028	\$16.92	44
	\$404,234	\$550,942	\$677,904	\$0	\$1,183,460	\$130,786	\$254,468	\$561,639	\$1,133,145	\$6,348,426	\$420,449	\$68,198,368	\$32.75	5
	\$6,254,499	\$2,122,210	\$3,257,685	\$0	\$5,307,171	\$115,110	\$1,645,367	\$9,247,988	\$2,763,936	\$38,848,567	\$6,023,325	\$473,289,511	\$24.31	17
	\$5,047,383	\$1,734,111	\$2,011,355	\$161,821	\$2,312,573	\$136,857	\$816,340	\$2,484,203	\$1,760,684	\$14,998,703	\$1,891,520	\$176,829,426	\$18.31	37
	\$392,142	\$0	\$0	\$0	\$196,165	\$82,720	\$570,000	\$243,494	\$1,116,470	\$5,063,379	\$159,325	\$20,450,806	\$29.90	8
	\$3,093,519	\$0	\$1,702,065	\$0	\$3,479,236	\$78,863	\$432,156	\$3,300,905	\$1,575,449	\$18,080,925	\$1,174,948	\$163,918,804	\$14.20	50
	\$943,683	\$0	\$74,999	\$0	\$731,559	\$85,177	\$302,975	\$908,239	\$1,806,600	\$7,509,542	\$742,304	\$89,543,799	\$23.62	19
	\$1,660,625	\$5,000	\$869,538	\$0	\$569,615	\$157,714	\$207,301	\$1,012,085	\$1,094,341	\$7,960,361	\$616,701	\$70,645,834	\$18.25	38
	\$4,932,813	\$744,138	\$1,997,905	\$578,213	\$3,668,265	\$75,043	\$514,762	\$5,119,415	\$1,312,068	\$20,758,562	\$1,355,582	\$192,549,603	\$15.11	47
	\$1,112,095	\$0	\$0	\$0	\$485,827	\$81,027	\$207,700	\$304,621	\$1,144,904	\$5,302,058	\$319,722	\$34,534,605	\$32.85	4
	\$699,924	\$294,873	\$0	\$0	\$1,027,610	\$131,853	\$533,690	\$1,326,141	\$1,609,109	\$9,321,351	\$1,309,057	\$96,384,322	\$20.60	27
	\$356,310	\$0	\$0	\$0	\$180,390	\$138,062	\$520,170	\$275,330	\$1,445,725	\$5,048,874	\$238,389	\$25,352,336	\$30.76	6
	\$942,160	\$0	\$176,095	\$570,000	\$1,263,217	\$65,643	\$530,616	\$2,180,985	\$1,281,398	\$10,550,748	\$1,483,256	\$112,622,362	\$17.59	42
	\$3,158,658	\$102,140	\$2,141,598	\$0	\$3,298,914	\$95,815	\$1,042,379	\$7,138,335	\$1,795,474	\$36,740,115	\$9,405,307	\$523,439,104	\$20.39	28
	\$807,119	\$0	\$1,224,795	\$158,194	\$736,100	\$124,750	\$5,530	\$458,077	\$1,204,090	\$6,571,486	\$282,821	\$54,889,856	\$19.48	32
	\$76,550	\$0	\$0	\$0	\$208,954	\$65,043	\$218,895	\$178,132	\$1,140,226	\$5,031,972	\$153,000	\$23,793,896	\$37.98	2
	\$2,726,596	\$0	\$1,872,164	\$0	\$1,728,151	\$75,098	\$1,684,273	\$2,270,873	\$1,134,801	\$18,866,451	\$1,322,353	\$116,156,922	\$14.35	49
	\$1,519,356	\$173,478	\$2,271,984	\$0	\$1,057,287	\$159,022	\$919,365	\$3,307,686	\$1,409,523	\$12,486,172	\$1,605,229	\$168,425,887	\$24.66	15
	\$1,290,213	\$410,234	\$291,821	\$118,751	\$684,866	\$0	\$648,469	\$688,170	\$1,170,995	\$5,216,593	\$318,155	\$45,821,729	\$24.70	14
	\$2,498,116	\$17,422	\$395,143	\$0	\$1,507,398	\$108,143	\$709,661	\$953,489	\$1,227,786	\$11,310,910	\$477,245	\$93,798,851	\$16.42	45
	\$62,558	\$0	\$0	\$0	\$173,717	\$130,141	\$199,988	\$222,754	\$1,008,832	\$5,027,379	\$189,938	\$18,832,635	\$33.15	3
	<b>\$88,648,854</b>	<b>\$14,039,070</b>	<b>\$53,867,088</b>	<b>\$3,357,534</b>	<b>\$74,251,714</b>	<b>\$6,412,378</b>	<b>\$31,673,563</b>	<b>\$101,321,469</b>	<b>\$69,898,393</b>	<b>\$625,072,765</b>	<b>\$79,530,348</b>	<b>\$6,319,728,895</b>	<b>\$20.28</b>	



## APPENDIX D: STATE-BY-STATE OTHER PUBLIC HEALTH INDICATORS

Other Public Health Indicators						
State	2011 Census Population Estimates	Health Professions Service Areas Primary Care (As of 10/31/11)	Health Professions Service Areas Mental Health (As of 10/31/11)	Health Professions Service Areas Dental Care (As of 10/31/11)	Nursing Shortage Estimates (2010)	ASPR Hospital Preparedness Program Funding by State 2011
Alabama	4,802,740	83	49	61	-200	\$5,386,508
Alaska	722,718	79	51	46	-2,300	\$1,211,937
Arizona	6,482,505	144	83	145	-12,500	\$7,051,765
Arkansas	2,937,979	101	43	54	-2,700	\$3,486,575
California	37,691,912	579	304	335	-47,600	\$28,666,533
Colorado	5,116,796	113	52	83	-10,900	\$5,550,503
Connecticut	3,580,709	41	27	40	-11,100	\$4,223,889
Delaware	907,135	11	7	7	-1,300	\$1,406,825
D.C.	617,996	13	7	8	-3,000	\$1,558,756
Florida	19,057,542	263	155	223	-32,700	\$19,720,658
Georgia	9,815,210	211	87	156	-16,400	\$10,449,266
Hawaii	1,374,810	30	31	26	-4,500	\$1,865,852
Idaho	1,584,985	68	27	63	-800	\$2,058,131
Illinois	12,869,257	260	130	172	-9,300	\$11,113,877
Indiana	6,516,922	105	52	45	-8,200	\$7,208,168
Iowa	3,062,309	124	63	132	-3,400	\$3,668,490
Kansas	2,871,238	162	63	132	-1,000	\$3,436,853
Kentucky	4,369,356	148	109	89	1,200	\$4,968,989
Louisiana	4,574,836	126	101	98	100	\$5,055,790
Maine	1,328,188	78	45	75	-2,500	\$1,904,184
Maryland	5,828,289	56	44	39	-7,000	\$6,466,757
Massachusetts	6,587,536	78	60	70	-16,100	\$7,339,572
Michigan	9,876,187	220	129	152	-3,100	\$11,226,706
Minnesota	5,344,861	125	50	111	-4,400	\$5,990,088
Mississippi	2,978,512	110	39	104	-500	\$3,592,473
Missouri	6,010,688	191	73	151	-12,900	\$6,707,932
Montana	998,199	103	63	77	-500	\$1,503,679
Nebraska	1,842,641	120	68	81	-2,400	\$2,378,867
Nevada	2,723,322	64	26	28	-4,100	\$3,151,521
New Hampshire	1,318,194	26	20	23	-3,300	\$1,897,087
New Jersey	8,821,155	35	30	31	-19,600	\$9,769,919
New Mexico	2,082,224	94	51	69	-3,100	\$2,576,778
New York	19,465,197	196	151	136	-21,500	\$12,285,085
North Carolina	9,656,401	127	81	119	-8,100	\$9,910,111
North Dakota	683,932	82	48	31	-900	\$1,175,614
Ohio	11,544,951	139	87	105	-12,100	\$12,695,478
Oklahoma	3,791,508	174	102	100	-500	\$4,302,943
Oregon	3,871,859	103	54	76	-5,300	\$4,432,087
Pennsylvania	12,742,886	180	118	154	-21,100	\$13,718,265
Rhode Island	1,051,302	19	16	16	-3,000	\$1,634,345
South Carolina	4,679,230	97	47	68	-5,200	\$5,091,363
South Dakota	824,082	88	49	54	-200	\$1,330,796
Tennessee	6,403,353	124	55	135	-18,500	\$6,916,279
Texas	25,674,681	444	357	250	-41,900	\$25,477,218
Utah	2,817,222	60	30	52	-1,500	\$3,209,463
Vermont	626,431	32	22	24	-600	\$1,162,908
Virginia	8,096,604	122	78	91	-11,000	\$8,620,629
Washington	6,830,038	156	107	111	-8,800	\$7,295,589
West Virginia	1,855,364	104	65	73	700	\$2,432,140
Wisconsin	5,711,767	117	114	81	500	\$6,403,834
Wyoming	568,158	42	23	23	-1,200	\$1,047,196
<b>U.S. Total</b>	<b>311,591,917</b>	<b>6,367</b>	<b>3,749</b>	<b>4,638</b>	<b>-405,800</b>	<b>\$321,736,271</b>