

**Securing a Healthy Future:
The Commonwealth Fund State Scorecard on
Child Health System Performance, 2011
Chartpack**

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Indicators of State Child Health System Performance

Dimension and indicator	Year	All states median	Range of performance (Bottom state rate—Top state rate)	Best state
Access & Affordability				
1 Children ages 0–18 insured	2008–09	91.4	82.0–96.7	MA
2 Parents ages 19–64 insured	2008–09	83.7	65.5–95.6	MA
3 Currently insured children whose health insurance coverage is adequate to meet needs	2007	77.0	68.7–83.8	HI
4 Average total premium for employer-based family coverage as percent of median income for family household (all members under age 65)	2009	18.6	24.9–13.9	CT
Prevention & Treatment				
5 Children with a medical home	2007	60.7	45.4–69.3	NH
6 Young children (ages 19–35 months) received all recommended doses of six key vaccines	2009	74.4	64.6–84.1	IA
7 Children with a preventive medical care visit in the past year	2007	87.8	76.7–97.7	RI
8 Children ages 1–17 with a preventive dental care visit in the past year	2007	79.1	68.5–86.9	HI
9 Children ages 2–17 needing mental health treatment/ counseling who received mental health care in the past year	2007	63.0	41.7–81.5	PA
10 Young children (ages 10 months–5 years) received standardized developmental screening during visit	2007	18.8	10.7–47.0	NC
11 Hospital admissions for pediatric asthma per 100,000 children ages 2–17	2006	128.7	251.0–44.1	OR
12 Children with special health care needs who had no problems receiving referrals when needed	2005–06	80.3	70.3–89.8	RI
13 Children with special health care needs whose families received all needed family support services	2005–06	72.8	56.7–83.0	IN
Potential to Lead Healthy Lives				
14 Infant mortality, deaths per 1,000 live births	2006	6.8	11.9–4.7	WA
15 Child mortality, deaths per 100,000 children ages 1–14	2007	20.0	34.0–9.0	RI
16 Young children (ages 4 months–5 years) at moderate/ high risk for developmental or behavioral delays	2007	25.8	35.2–18.6	ME & MN
17 Children ages 10–17 who are overweight or obese	2007	30.6	44.4–23.1	MN & UT
18 Children ages 1–17 with oral health problems	2007	25.8	31.6–20.0	MN
19 High school students who currently smoked cigarettes	2009	18.3	26.1–8.5	UT
20 High school students not meeting recommended physical activity level	2009	56.0	66.7–46.4	ID

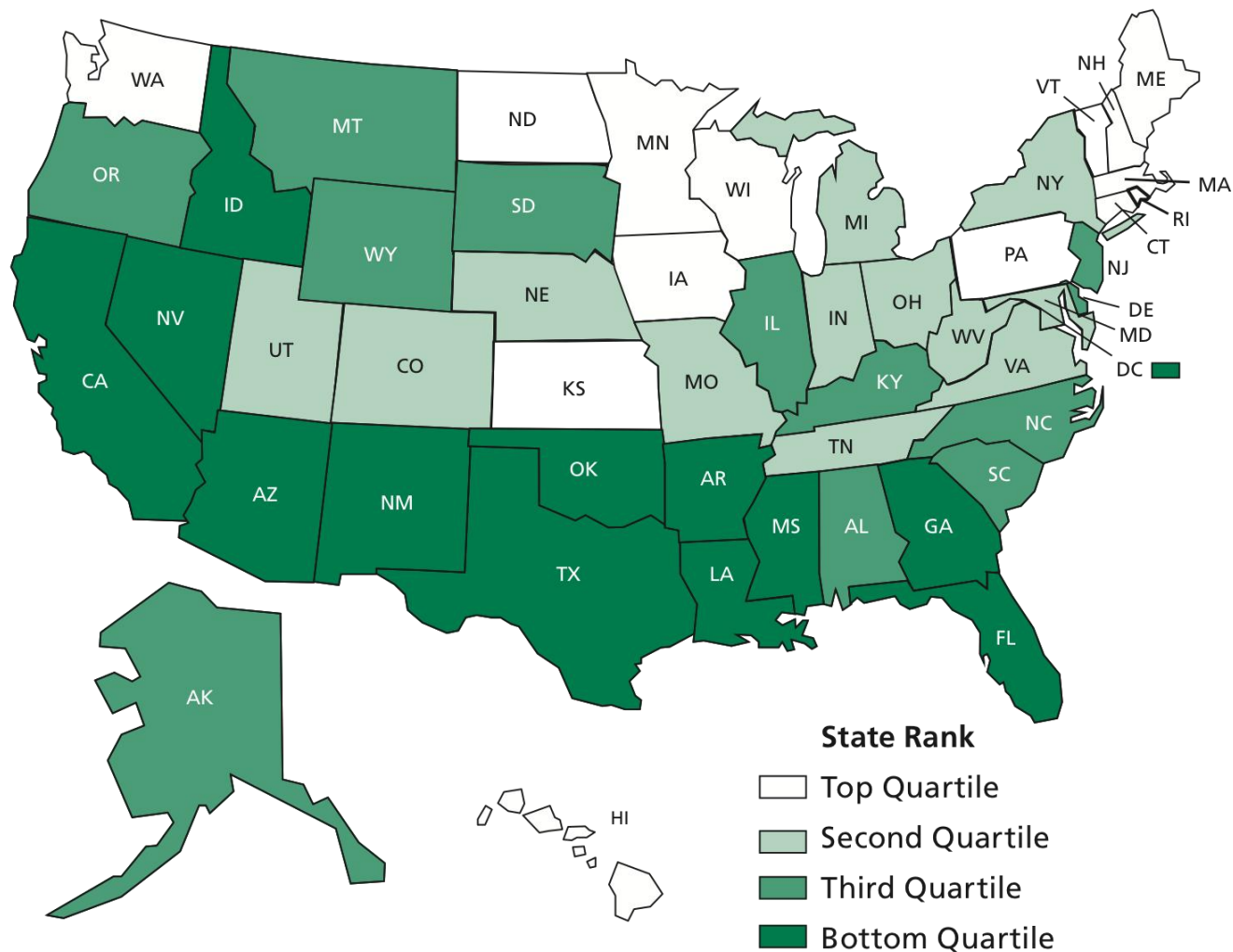
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Scorecard Summary of Child Health System Performance Across Dimensions

State Rank		Access & Affordability Prevention & Treatment Potential to Lead Healthy Lives Equity			
		<div> <div>Top Quartile</div> <div>Second Quartile</div> <div>Third Quartile</div> <div>Bottom Quartile</div> </div>			
RANK	STATE				
1	Iowa	6	1	2	7
1	Massachusetts	1	4	7	4
3	Vermont	9	8	3	2
4	Maine	7	5	10	1
5	New Hampshire	2	2	13	11
6	Rhode Island	9	2	14	14
7	Hawaii	3	12	23	3
8	Minnesota	18	11	1	12
9	Connecticut	8	26	6	6
10	North Dakota	16	23	11	17
10	Pennsylvania	11	17	24	15
12	Wisconsin	21	14	8	25
13	Kansas	19	6	20	26
13	Washington	12	26	12	21
15	Michigan	14	29	21	9
16	Nebraska	22	16	14	23
17	West Virginia	24	10	39	5
18	Maryland	4	18	26	34
19	Ohio	14	8	36	27
20	Colorado	28	28	4	27
21	Missouri	26	19	30	13
21	New York	27	34	17	10
23	Utah	17	25	5	42
24	Virginia	4	34	25	27
25	Indiana	31	15	33	22
26	Tennessee	32	7	44	19
27	South Dakota	25	13	33	35
28	Illinois	33	22	31	32
29	New Jersey	23	41	16	39
30	Alaska	34	38	40	8
31	Delaware	13	33	32	45
32	North Carolina	35	20	28	43
33	South Carolina	44	23	45	15
34	Montana	42	49	17	20
35	Wyoming	36	31	22	41
36	Kentucky	40	30	46	17
37	Alabama	29	32	48	27
38	Oregon	39	46	9	47
39	District of Columbia	20	39	51	33
40	Louisiana	43	21	47	37
41	Idaho	38	50	17	44
42	Arkansas	41	37	49	23
43	Georgia	29	34	42	46
44	California	44	42	27	39
45	Oklahoma	36	47	41	31
46	New Mexico	46	40	37	35
47	Florida	49	44	35	38
48	Texas	50	48	29	50
49	Arizona	47	45	38	49
50	Mississippi	51	43	50	48
51	Nevada	48	51	43	51

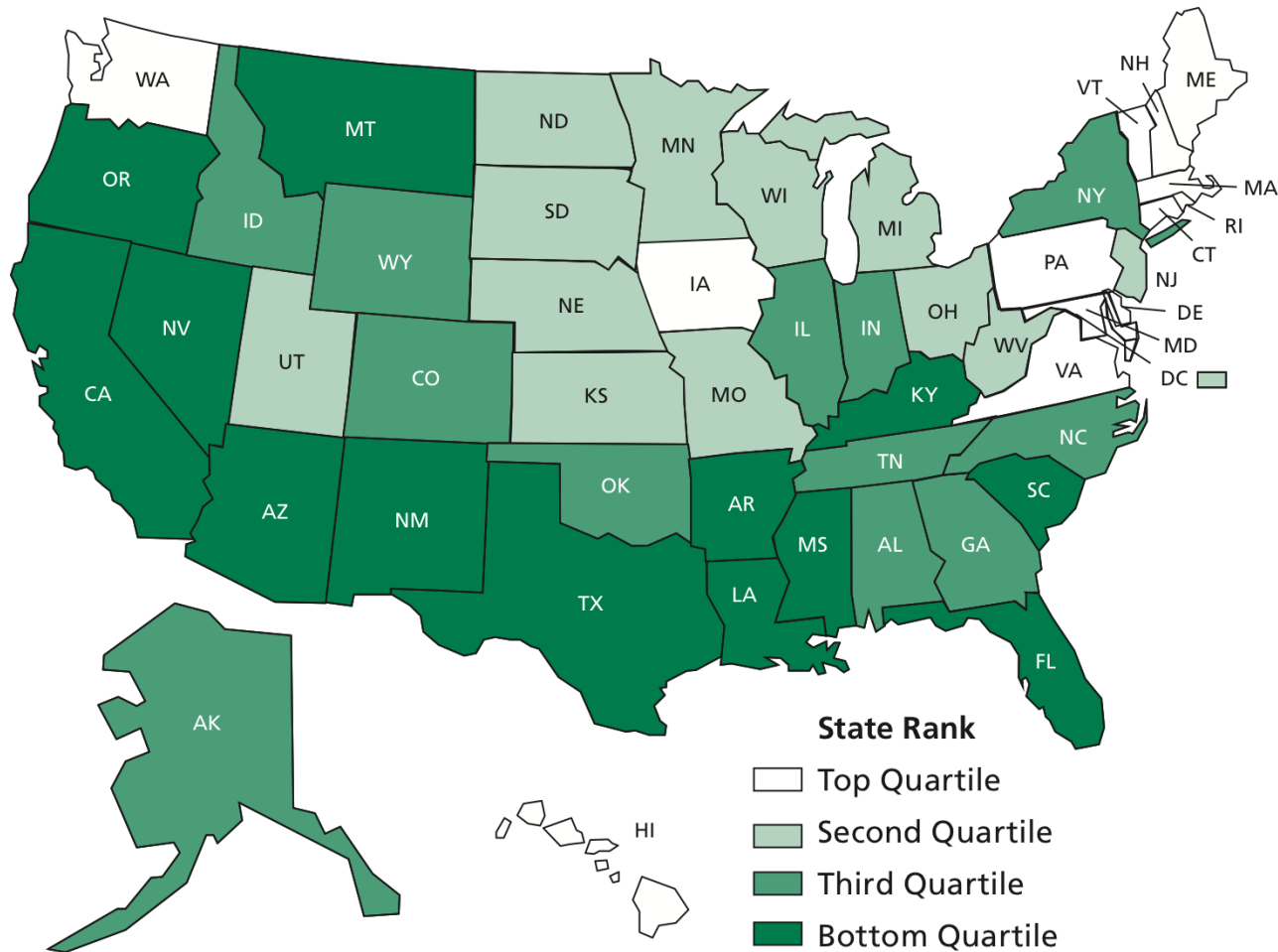
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Ranking on Child Health System Performance



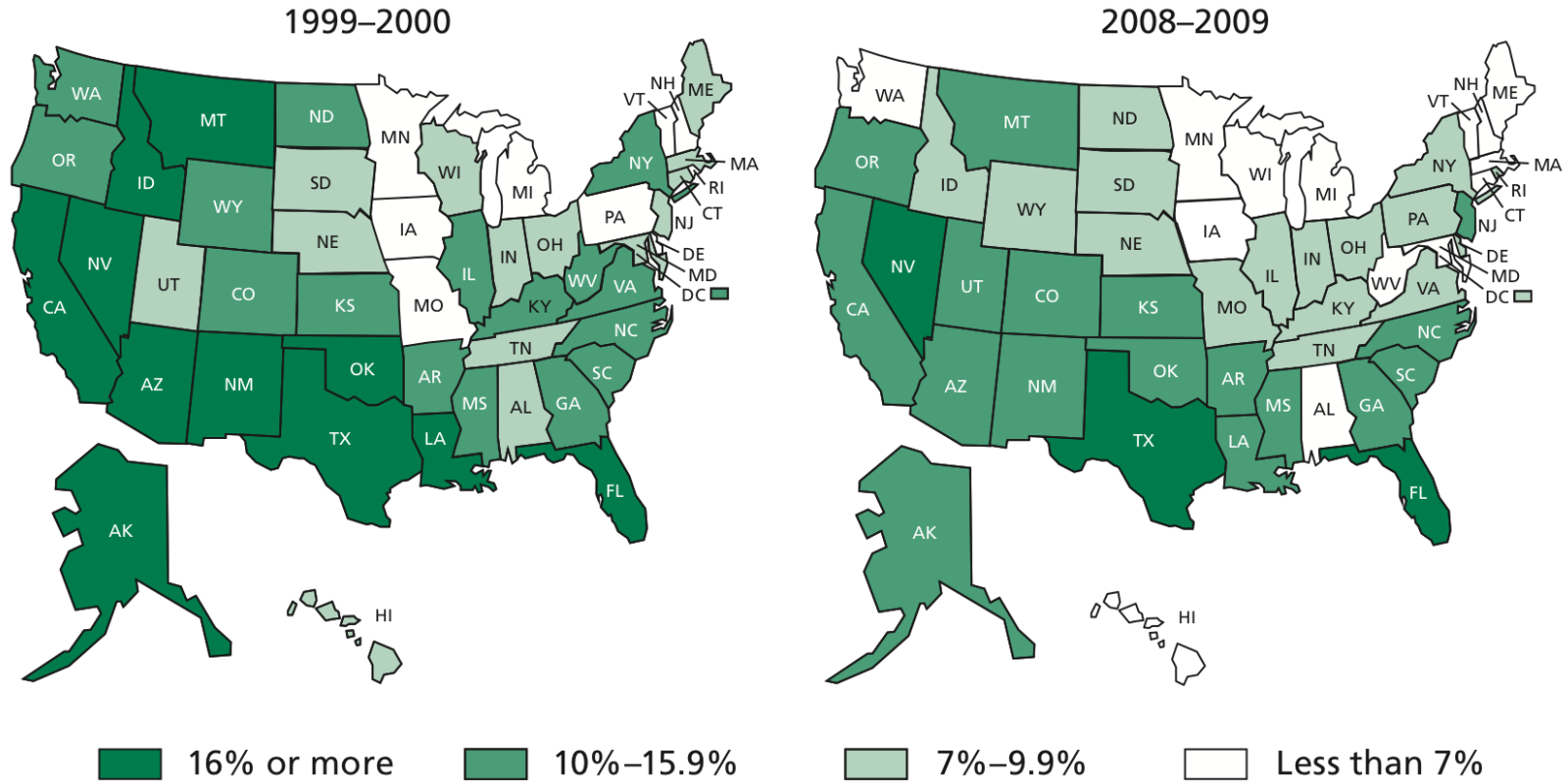
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Ranking on Access and Affordability Dimension



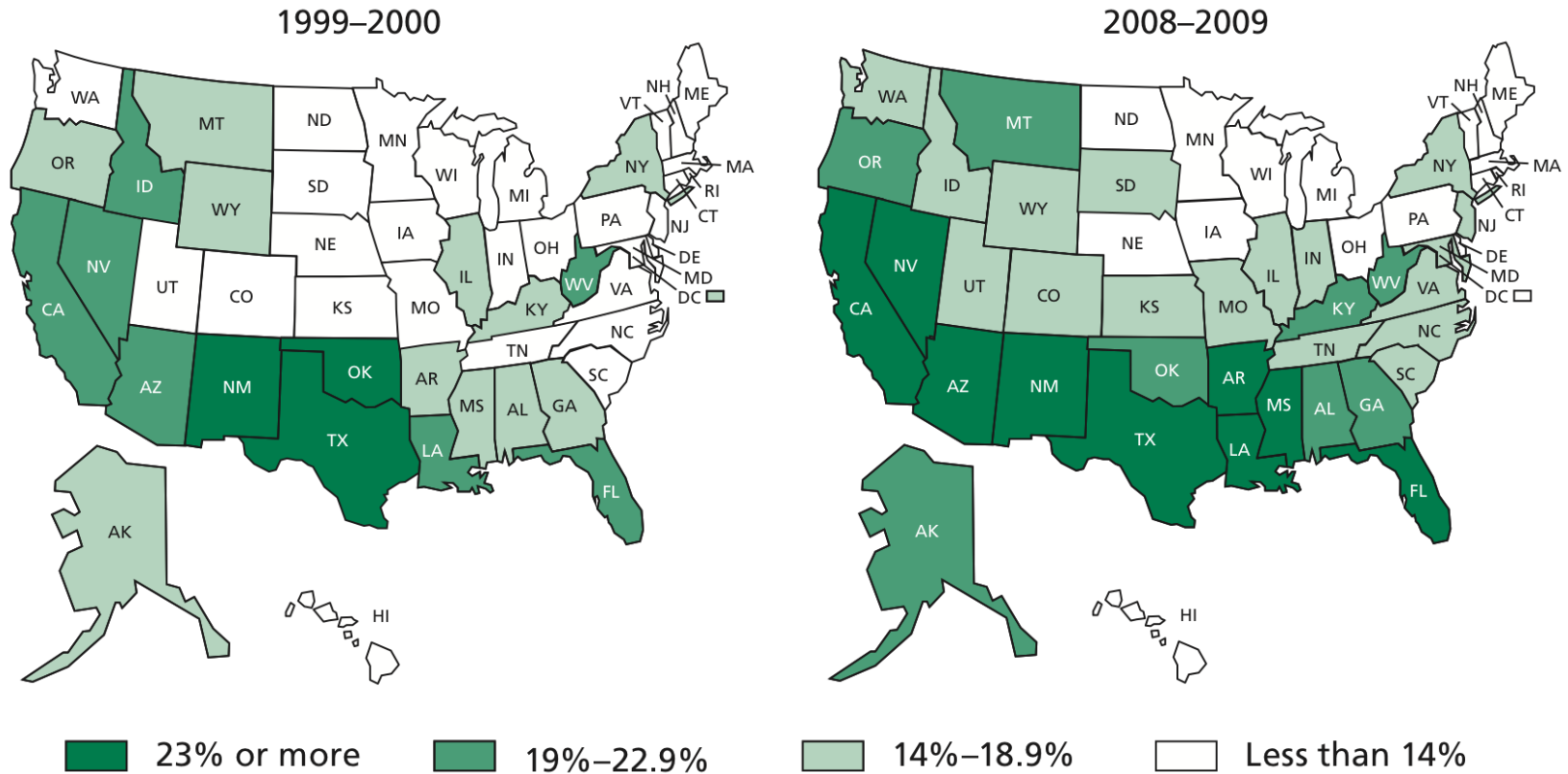
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Percent of Children Ages 0–18 Uninsured by State



Data: U.S. Census Bureau, 2000–01 and 2009–10 Current Population Survey ASEC Supplement.
 Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Percent of Parents Ages 19–64 Uninsured by State



Data: U.S. Census Bureau, 2000–01 and 2009–10 Current Population Survey ASEC Supplement.
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Uninsured Rates and Medicaid/CHIP Income Eligibility Standards by State

State	Percent Uninsured, 2008–09		Income Eligibility for Medicaid/CHIP (as percent of federal poverty levels), 2009	
	Children Ages 0–18	Parents Ages 19–64	Children	Working Parents
Alabama	6.5	20.0	300	24
Alaska	12.4	20.0	175	81
Arizona	15.0	23.2	200 ^a	106
Arkansas	11.0	24.3	200	17/200 ¹
California	11.1	23.5	250	106/200 ¹
Colorado	11.4	17.2	250	106
Connecticut	6.8	11.2	300	191/306 ¹
Delaware	9.5	13.4	200	121
District of Columbia	7.5	10.5	300	207
Florida	17.8	26.4	200	59
Georgia	11.5	22.6	235	50
Hawaii	4.6	7.4	300	100/200 ¹
Idaho	9.7	18.7	185	39/185 ¹
Illinois	8.1	16.4	200/300 ²	191/200 ¹
Indiana	7.7	15.5	250	25/200 ¹
Iowa	5.8	11.9	300	83/250 ¹
Kansas	10.0	15.7	241	32
Kentucky	9.6	20.3	200	62
Louisiana	10.3	23.0	250	25
Maine	5.3	8.5	200	200/300 ¹
Maryland	6.8	15.4	300	116
Massachusetts ¹	3.3	4.4	300	133/300 ¹
Michigan	5.6	13.4	200	64
Minnesota	6.1	10.1	275	215/275 ¹
Mississippi	12.3	23.4	200	44
Missouri	8.5	16.3	300	25
Montana	11.1	20.9	250	56
Nebraska	8.4	13.6	200	58
Nevada	16.6	23.3	200	88/200 ¹
New Hampshire	3.9	11.7	300	49
New Jersey	10.4	16.1	350	133/200 ¹
New Mexico	15.6	28.8	235	85/408 ^{1a}
New York	7.6	15.9	400	75/150 ¹
North Carolina	11.0	18.7	200	49
North Dakota	7.3	10.1	160	59
Ohio	7.5	12.0	200	90
Oklahoma	10.4	22.1	185	53/200 ¹
Oregon	11.9	19.2	300	40/201 ¹
Pennsylvania	7.3	12.0	300	46/208 ^{1a}
Rhode Island	7.4	12.6	250	116/181 ¹
South Carolina	12.9	18.1	200	93
South Dakota	9.9	15.6	200	52
Tennessee	8.6	16.7	250	127
Texas	18.0	34.5	200	26
Utah	11.0	14.4	200	44/150 ^{1a}
Vermont	4.9	8.6	300	83/300 ¹
Virginia	7.5	15.0	200	31
Washington	6.1	16.3	300	74/200 ^{1a}
West Virginia	6.2	19.0	250	33
Wisconsin ¹	5.5	8.5	300	200
Wyoming	9.3	16.9	200	52

^{1a}Denotes income eligibility for a more limited waiver/state-funded coverage or premium assistance with work-related eligibility requirement.

²Denotes income eligibility for state-funded coverage to insure children in families with incomes above CHIP levels.

^aDenotes enrollment is closed to new applicants.

Note: Income eligibility listed for children is the highest level reported among regular Medicaid, CHIP-funded Medicaid expansions, or separate state programs.

Data: Uninsured—2009–2010 CPS ASEC Supplement; Income eligibility for children and parents—M. Heberlein, T. Brooks, J. Guyer et al., *Holding Steady, Looking Ahead: Annual Findings of a 50-State Survey of Eligibility Rules, Enrollment and Renewal Procedures, and Cost Sharing Practices in Medicaid and CHIP, 2010–2011* (Menlo Park, Calif.: Kaiser Family Foundation, Jan. 2011), available at <http://www.kff.org/medicaid/upload/8130.pdf>. Data based on a national survey conducted by the Center on Budget and Policy Priorities for the Kaiser Commission on Medicaid and the Uninsured, January 2011.

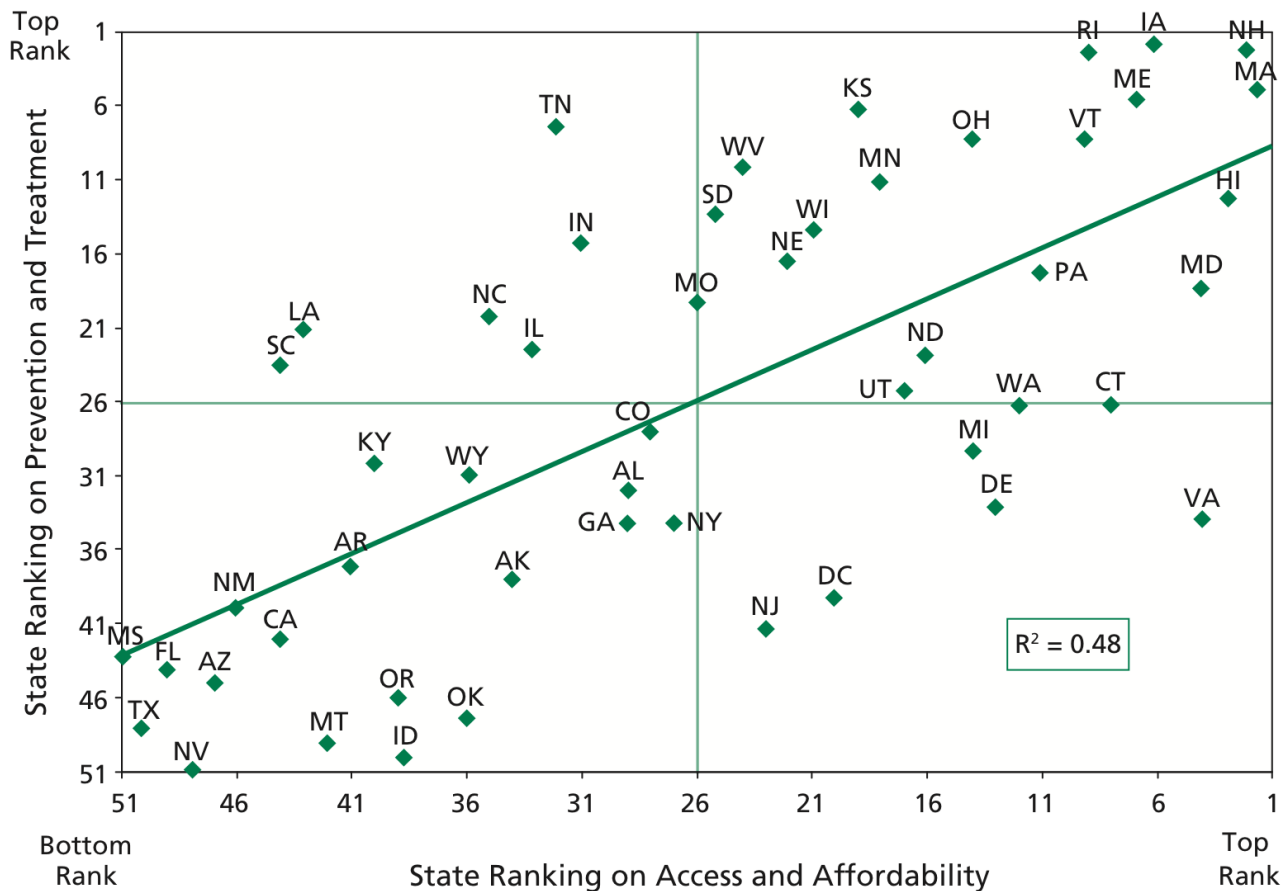
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Affordability of Health Insurance: Premiums for Employer-Based Family Coverage Relative to Median Incomes for Family Households Under Age 65

State	Average Total Premium for Employer-Based Family Coverage as Percent of Median Income for Family Household		Rank	Median Income for Family Household (All Under Age 65)	Average Total Premium for Employer-Based Family Coverage
	2009			2008–09	
United States	19.0			\$68,683	\$13,027
Alabama	20.9		41	\$57,189	\$11,978
Alaska	17.0		14	\$83,548	\$14,182
Arizona	21.4		44	\$59,787	\$12,813
Arkansas	20.9		41	\$52,500	\$10,969
California	19.2		31	\$65,788	\$12,631
Colorado	16.4		10	\$81,700	\$13,360
Connecticut	13.9		1	\$101,103	\$14,064
Delaware	17.4		19	\$72,965	\$12,682
District of Columbia	21.5		46	\$66,000	\$14,222
Florida	19.9		35	\$65,000	\$12,912
Georgia	19.0		28	\$67,500	\$12,792
Hawaii	17.4		19	\$68,000	\$11,826
Idaho	18.2		24	\$65,460	\$11,887
Illinois	19.3		32	\$71,002	\$13,708
Indiana	19.9		35	\$64,749	\$12,872
Iowa	16.6		11	\$72,306	\$12,036
Kansas	16.9		13	\$70,200	\$11,829
Kentucky	21.4		44	\$58,010	\$12,407
Louisiana	22.2		48	\$62,500	\$13,846
Maine	18.9		27	\$71,720	\$13,522
Maryland	14.8		4	\$93,221	\$13,833
Massachusetts	15.2		6	\$96,800	\$14,723
Michigan	18.6		26	\$70,670	\$13,160
Minnesota	16.7		12	\$79,016	\$13,202
Mississippi	24.9		51	\$50,630	\$12,590
Missouri	17.9		22	\$69,000	\$12,353
Montana	17.1		16	\$66,514	\$11,365
Nebraska	17.2		18	\$71,050	\$12,227
Nevada	20.1		37	\$63,301	\$12,700
New Hampshire	14.5		3	\$95,000	\$13,822
New Jersey	14.0		2	\$98,000	\$13,750
New Mexico	22.3		49	\$57,490	\$12,848
New York	20.4		40	\$67,546	\$13,757
North Carolina	21.5		46	\$61,000	\$13,087
North Dakota	16.1		9	\$71,841	\$11,590
Ohio	17.4		19	\$68,064	\$11,870
Oklahoma	18.2		24	\$62,605	\$11,417
Oregon	19.0		28	\$67,400	\$12,783
Pennsylvania	17.9		22	\$74,000	\$13,229
Rhode Island	17.0		14	\$80,065	\$13,608
South Carolina	20.1		37	\$61,373	\$12,343
South Dakota	17.1		16	\$68,000	\$11,596
Tennessee	20.2		39	\$60,000	\$12,134
Texas	23.0		50	\$57,500	\$13,221
Utah	15.5		7	\$76,675	\$11,869
Vermont	19.4		33	\$74,908	\$14,558
Virginia	14.8		4	\$85,000	\$12,622
Washington	15.9		8	\$80,400	\$12,758
West Virginia	20.9		41	\$60,100	\$12,554
Wisconsin	19.7		34	\$74,500	\$14,656
Wyoming	19.1		30	\$75,000	\$14,319

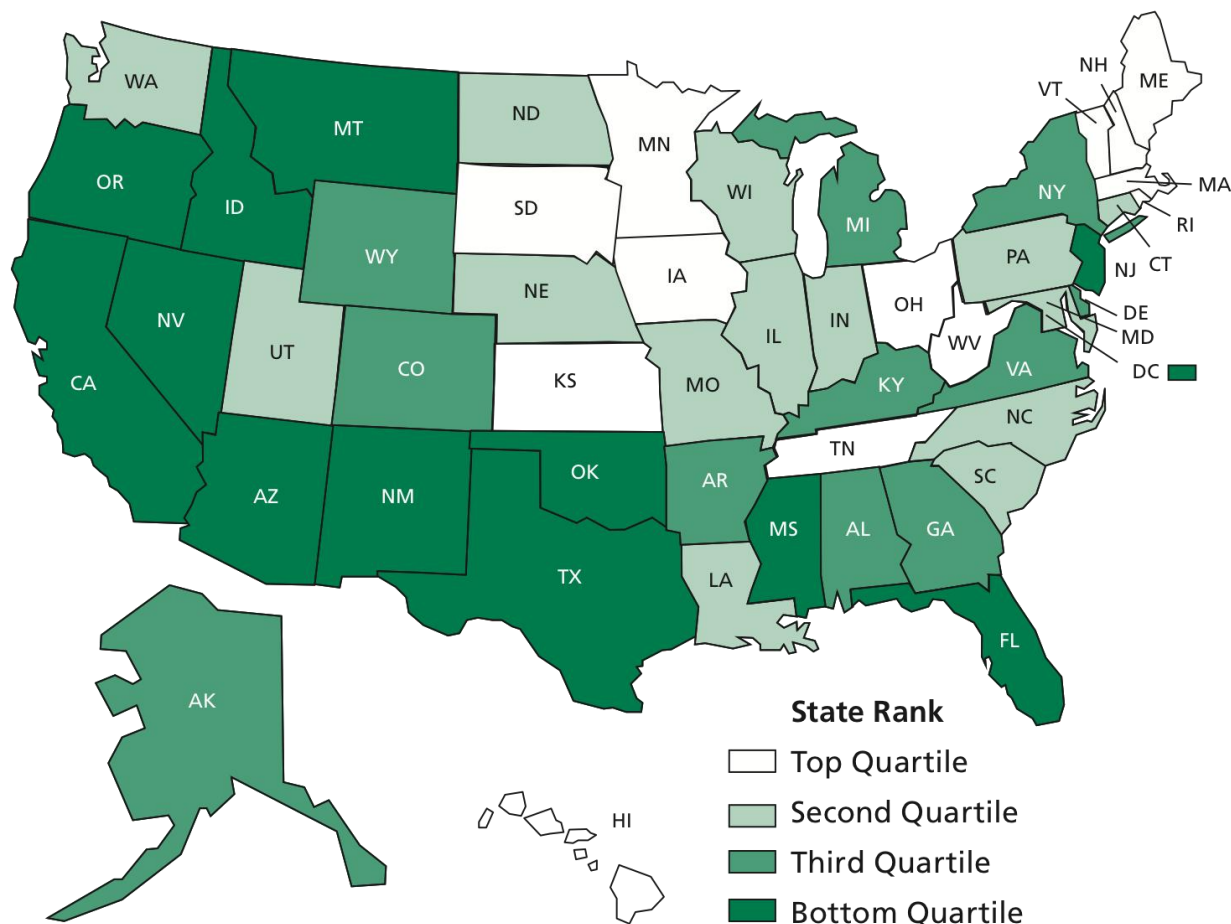
Data: Median income for family household—2009–10 CPS AFEC Supplement; Average total premium for employer-based family coverage—2009 MEPS-IC. Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Ranking on Access and Affordability Dimension vs. Prevention and Treatment Dimension



Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Ranking on Prevention and Treatment Dimension

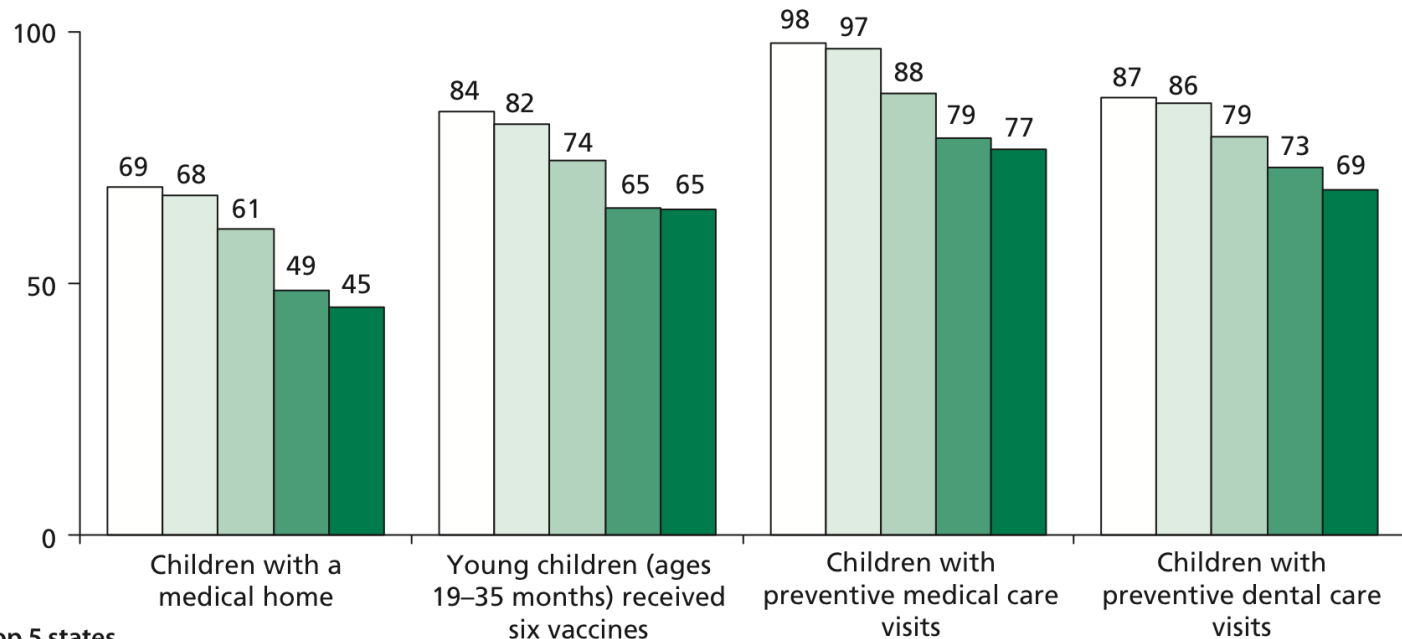


Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Variation: Medical Home and Preventive Care

Percent

□ Best state □ Top 5 states average □ All states median □ Bottom 5 states average ■ Worst state



Top 5 states

1. New Hampshire
2. Nebraska
3. Vermont
4. Iowa
5. Massachusetts
6. Ohio

1. Iowa
2. Tennessee
3. Massachusetts
4. Michigan
5. Louisiana

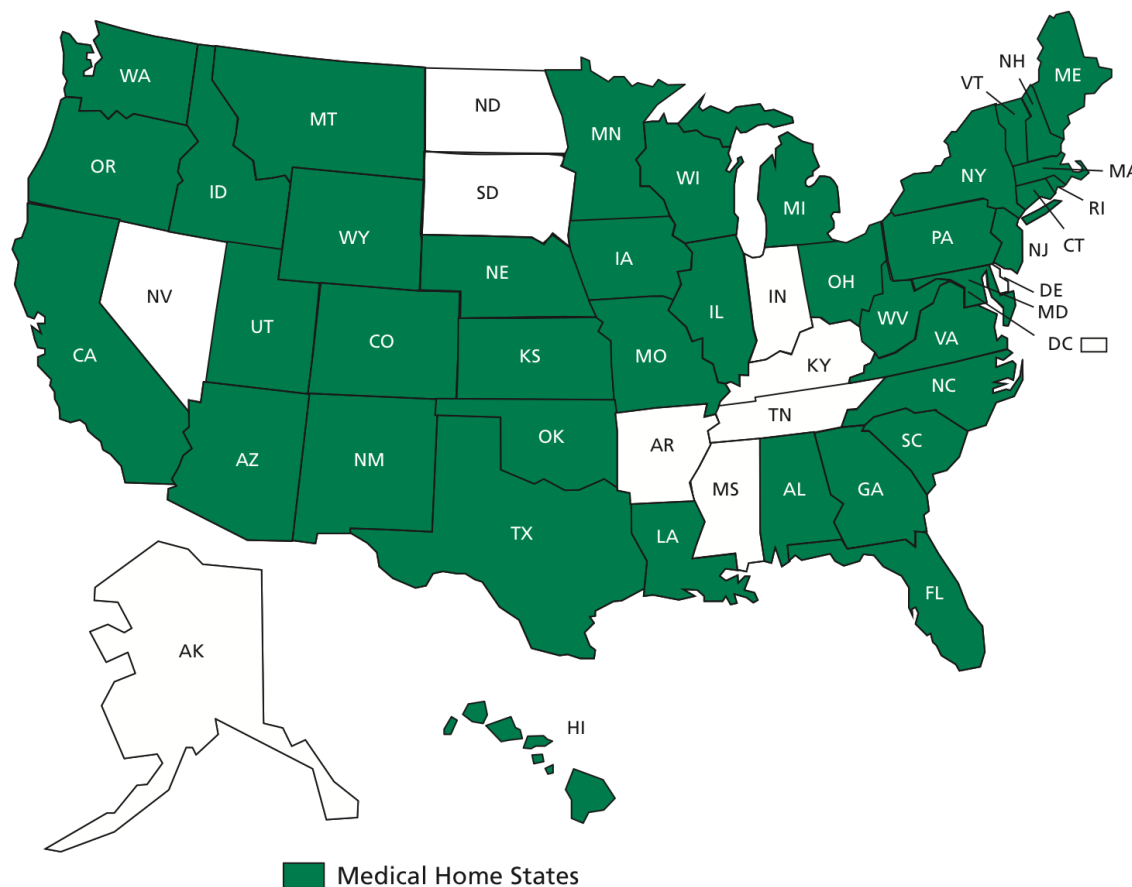
1. Rhode Island
2. District of Columbia
3. Massachusetts
4. New York
5. Connecticut

1. Hawaii
2. Rhode Island
3. Vermont
4. Connecticut
5. Iowa

Data: Medical home—2007 National Survey of Children's Health; Vaccines—2009 National Immunization Survey; Medical and dental preventive care visits—2007 National Survey of Children's Health.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Efforts to Advance Medical Homes in Medicaid/CHIP

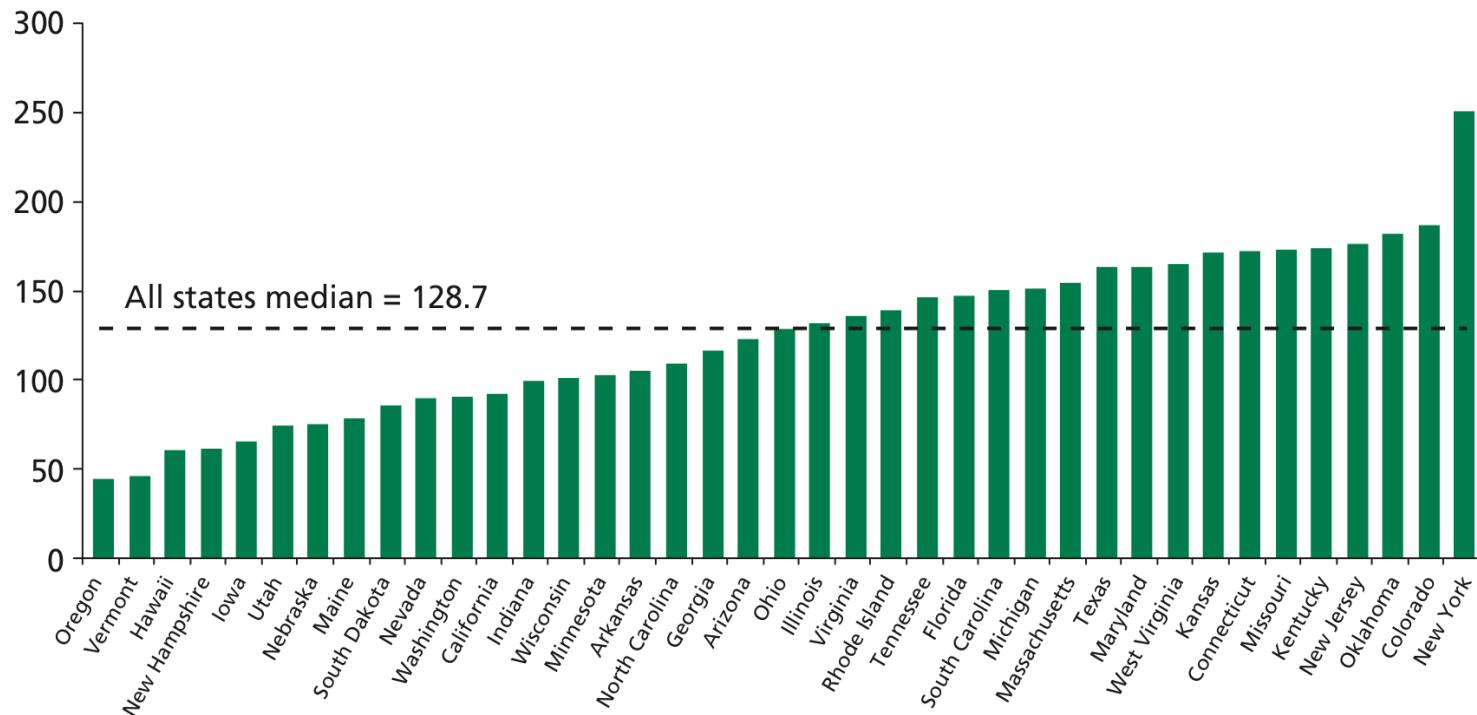


Note: NASHP is monitoring state efforts to advance medical homes for Medicaid and CHIP participants and has identified 40 states that meet the following criteria: 1) program implementation (or major expansion or improvement) in 2006 or later; 2) Medicaid or CHIP agency participation (not necessarily leadership); 3) explicitly intended to advance medical homes for Medicaid or CHIP participants; and 4) evidence of commitment, such as workgroups, legislation, executive orders, or dedicated staff.

Source: National Academy for State Health Policy State Scan, Jan. 2011, <http://www.nashp.org/med-home-map>.

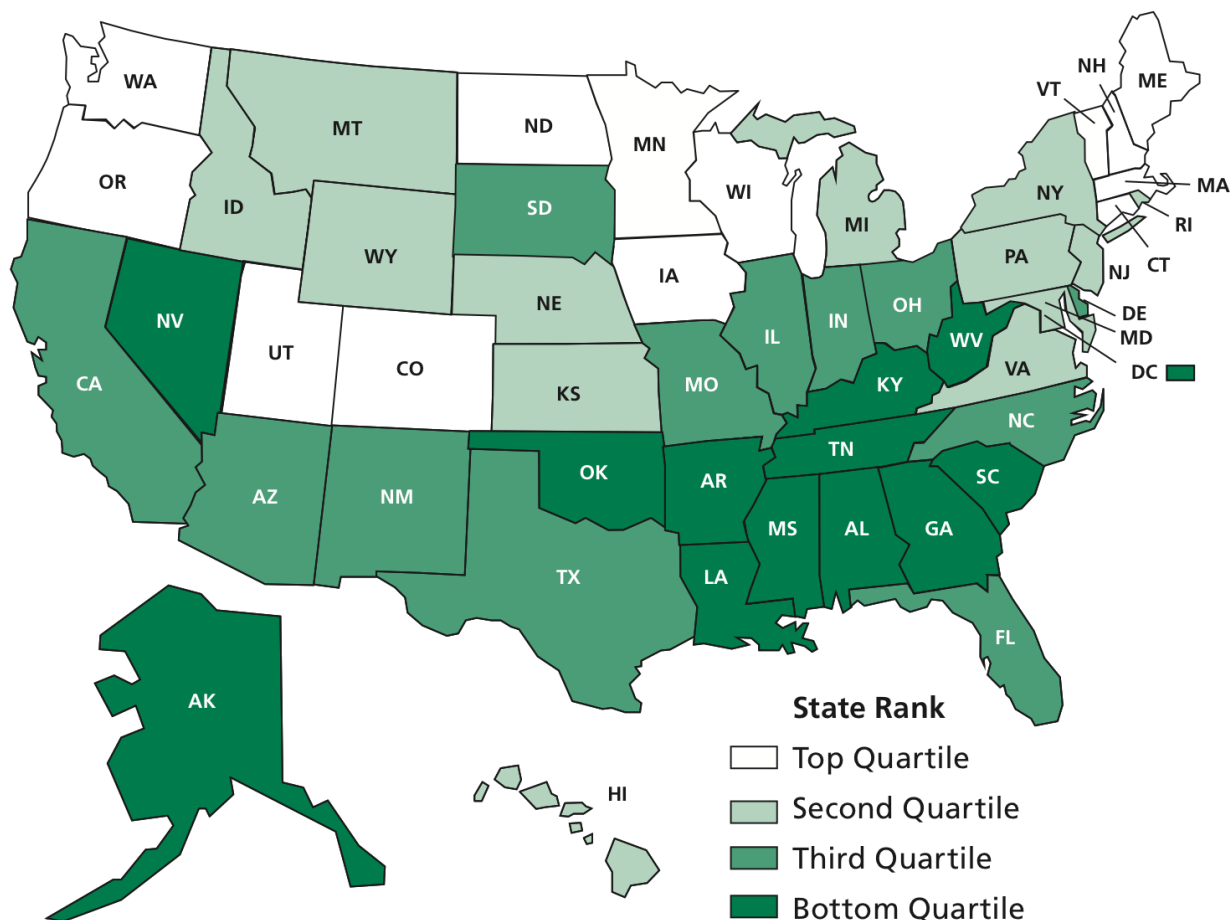
State Rates of Hospital Admissions for Asthma Among Children, 2006

Admissions per 100,000 children ages 2–17



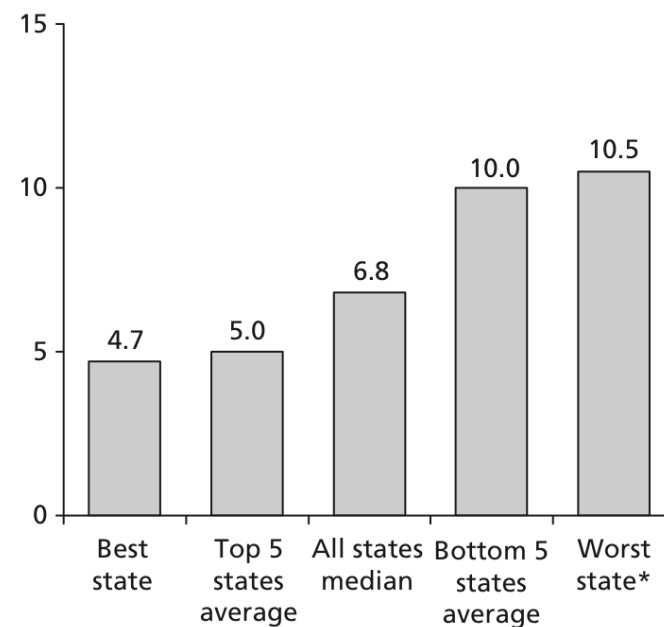
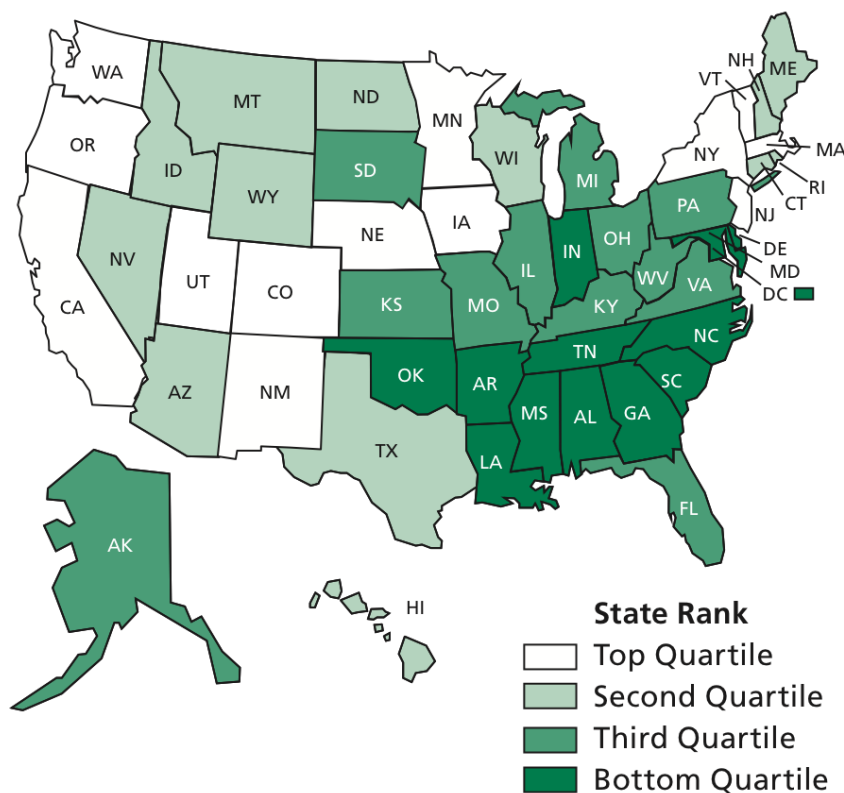
Data: 2006 Healthcare Cost and Utilization Project (HCUP) State Inpatient Databases (AHRQ, HCUP-SID 2006); not all states participate in HCUP.
 Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Ranking on Potential to Lead Healthy Lives Dimension



Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Infant Mortality by State: Deaths per 1,000 Live Births, 2006

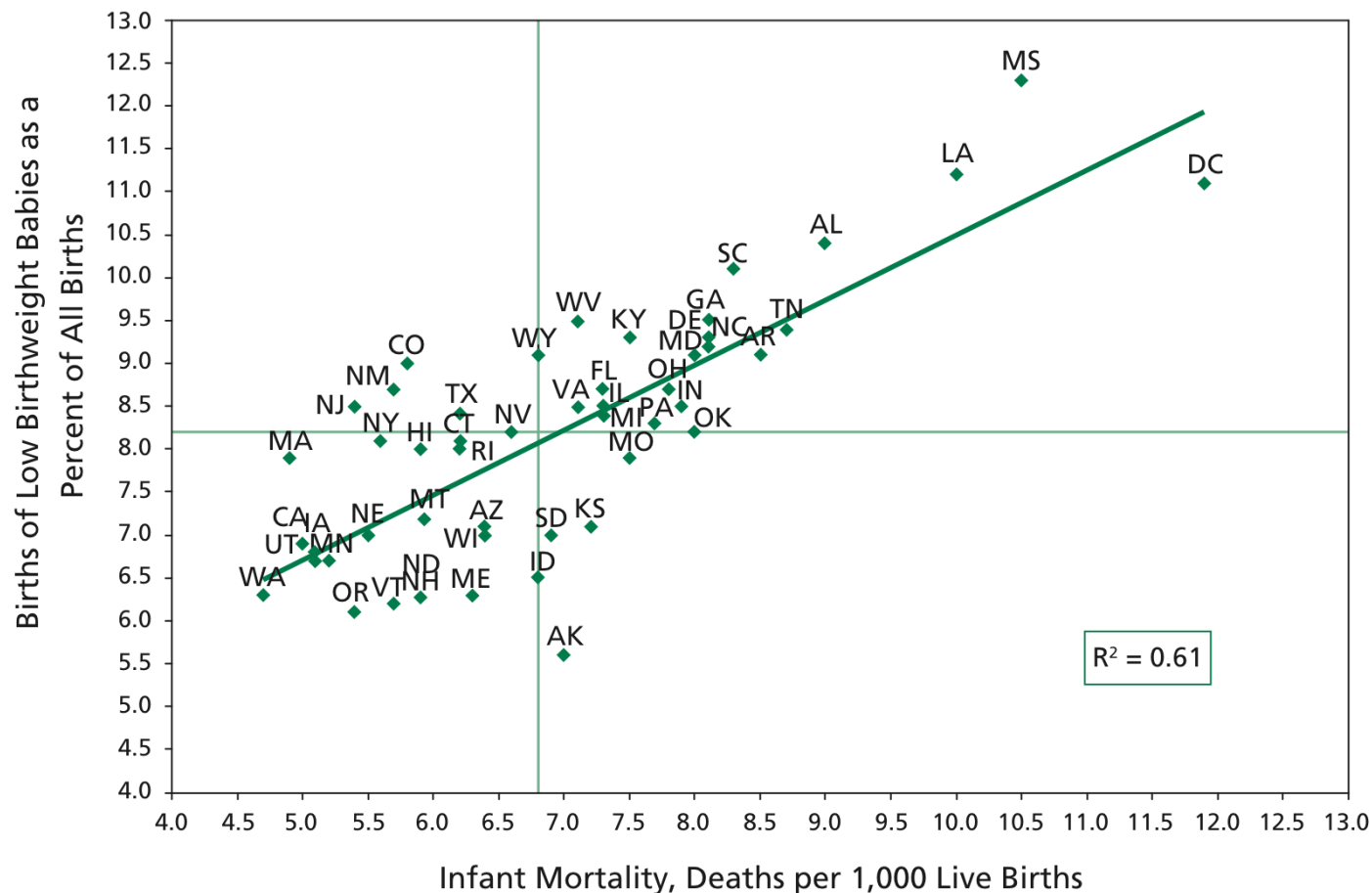


* Excludes District of Columbia with 11.9 infant deaths per 1,000 live births.

Data: National Vital Statistics System.

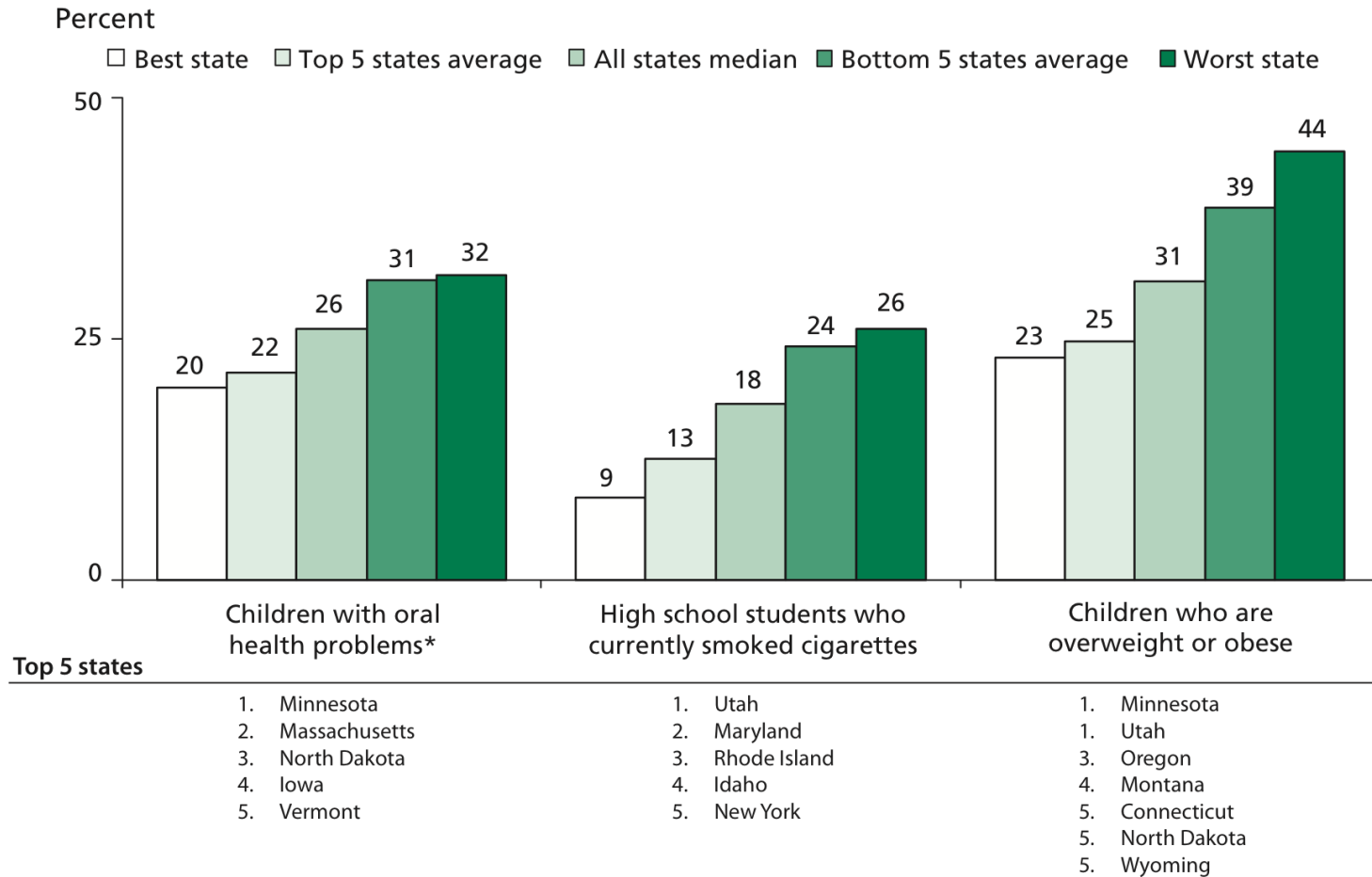
Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Rates on Infant Mortality and Low-Birthweight Babies



Data: Infant mortality—2006 National Vital Statistics System; Low birthweight—Kaiser statehealthfacts.org (2007 National Vital Statistics System).
 Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

State Variation: Healthy Lives



* Children who had at least one of the following oral health problems in the past six months: a toothache, decayed teeth/cavities, broken teeth, or bleeding gums.

Data: 2007 National Survey of Children's Health.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

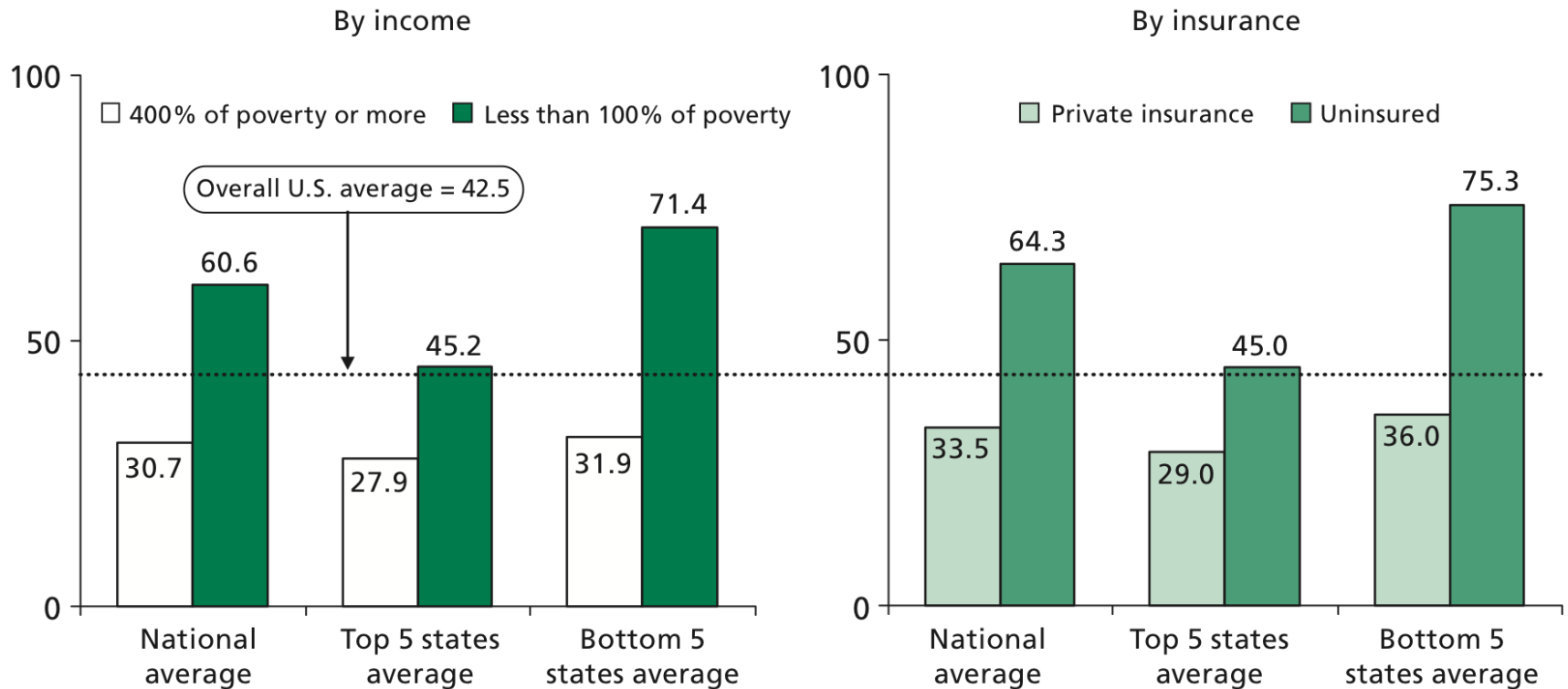
Equity Dimension and Equity Type Ranking

		PERFORMANCE BY EQUITY TYPE					PERFORMANCE BY EQUITY TYPE		
		Income Equity					Income Equity		
		Insurance Coverage Equity					Insurance Coverage Equity		
		Race / Ethnicity Equity					Race / Ethnicity Equity		
		State Rank					State Rank		
		Top Quartile					Top Quartile		
		Second Quartile					Second Quartile		
		Third Quartile					Third Quartile		
		Bottom Quartile					Bottom Quartile		
RANK	STATE	PERFORMANCE BY EQUITY TYPE			RANK	STATE	PERFORMANCE BY EQUITY TYPE		
1	Maine	3	1	3	27	Alabama	16	39	27
2	Vermont	5	2	1	27	Colorado	43	23	16
3	Hawaii	6	4	2	27	Ohio	14	32	36
4	Massachusetts	2	12	6	27	Virginia	25	23	34
5	West Virginia	1	9	11	31	Oklahoma	24	27	32
6	Connecticut	21	3	3	32	Illinois	32	30	25
7	Iowa	3	20	8	33	District of Columbia	31	17	41
8	Alaska	12	7	13	34	Maryland	41	14	37
9	Michigan	7	6	23	35	New Mexico	44	37	18
10	New York	10	10	19	35	South Dakota	28	28	43
11	New Hampshire	8	21	13	37	Louisiana	37	43	20
12	Minnesota	17	10	22	38	Florida	46	38	17
13	Missouri	26	21	5					
14	Rhode Island	28	4	21	39	California	48	35	26
15	Pennsylvania	9	17	29	39	New Jersey	37	44	28
15	South Carolina	20	25	10	41	Wyoming	39	41	31
17	Kentucky	14	36	7	42	Utah	34	41	38
17	North Dakota	28	17	12	43	North Carolina	36	33	50
19	Tennessee	11	8	39	44	Idaho	40	45	39
20	Montana	35	14	13	45	Delaware	42	40	48
21	Washington	23	31	9	46	Georgia	33	51	49
22	Indiana	13	28	23	47	Oregon	47	47	44
23	Arkansas	22	13	41	48	Mississippi	44	49	46
23	Nebraska	17	26	33	49	Arizona	49	46	46
25	Wisconsin	27	16	35	50	Texas	50	49	44
26	Kansas	17	34	29	51	Nevada	51	48	51

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Children Without a Medical Home by Income and Insurance

Percent of children without a medical home



Note: Top 5 states refer to states with smallest gaps between overall U.S. average and low-income/uninsured groups.

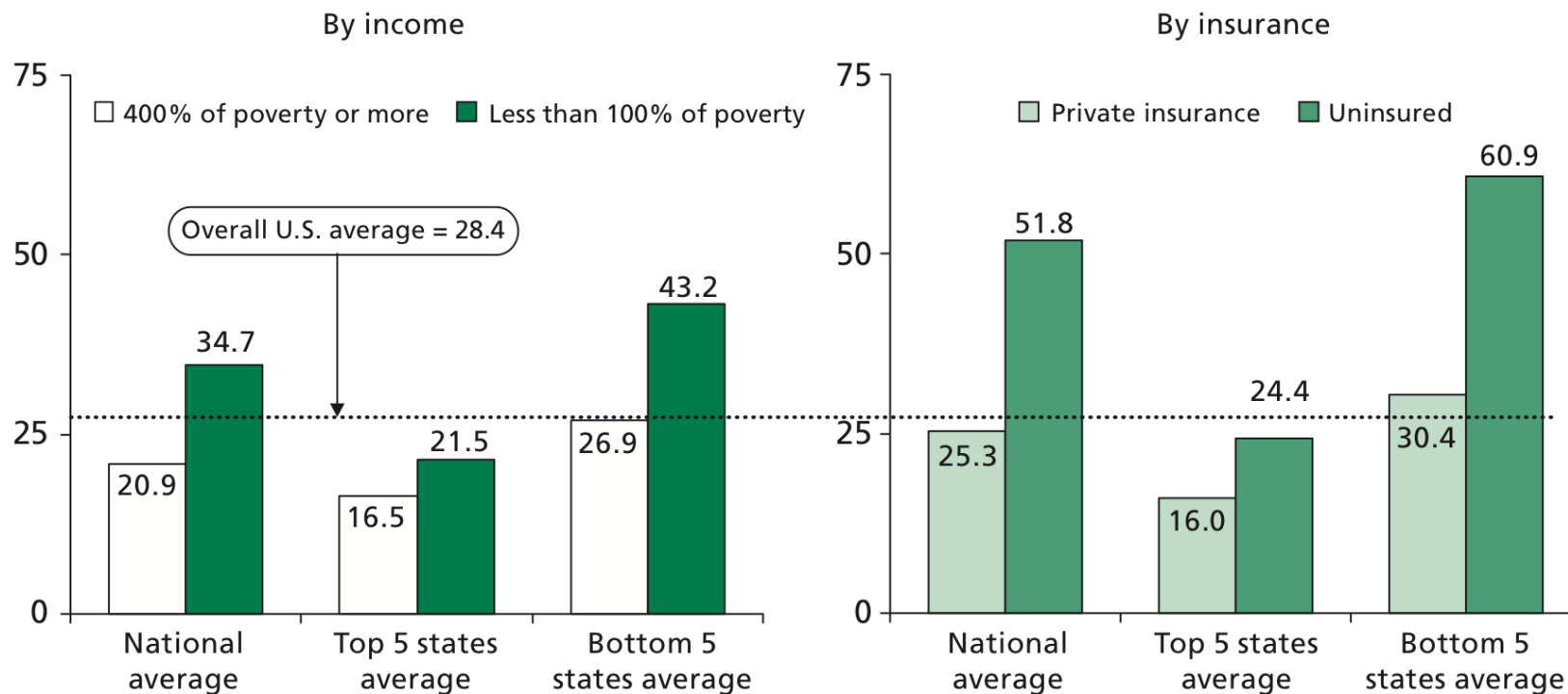
Bottom 5 states refer to states with largest gaps between overall U.S. average and low-income/uninsured groups.

Data: 2007 National Survey of Children's Health.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Children Without Both Preventive Medical and Dental Care Visits by Income and Insurance

Percent of children without preventive medical and dental care visits



Note: Top 5 states refer to states with smallest gaps between overall U.S. average and low-income/uninsured groups.

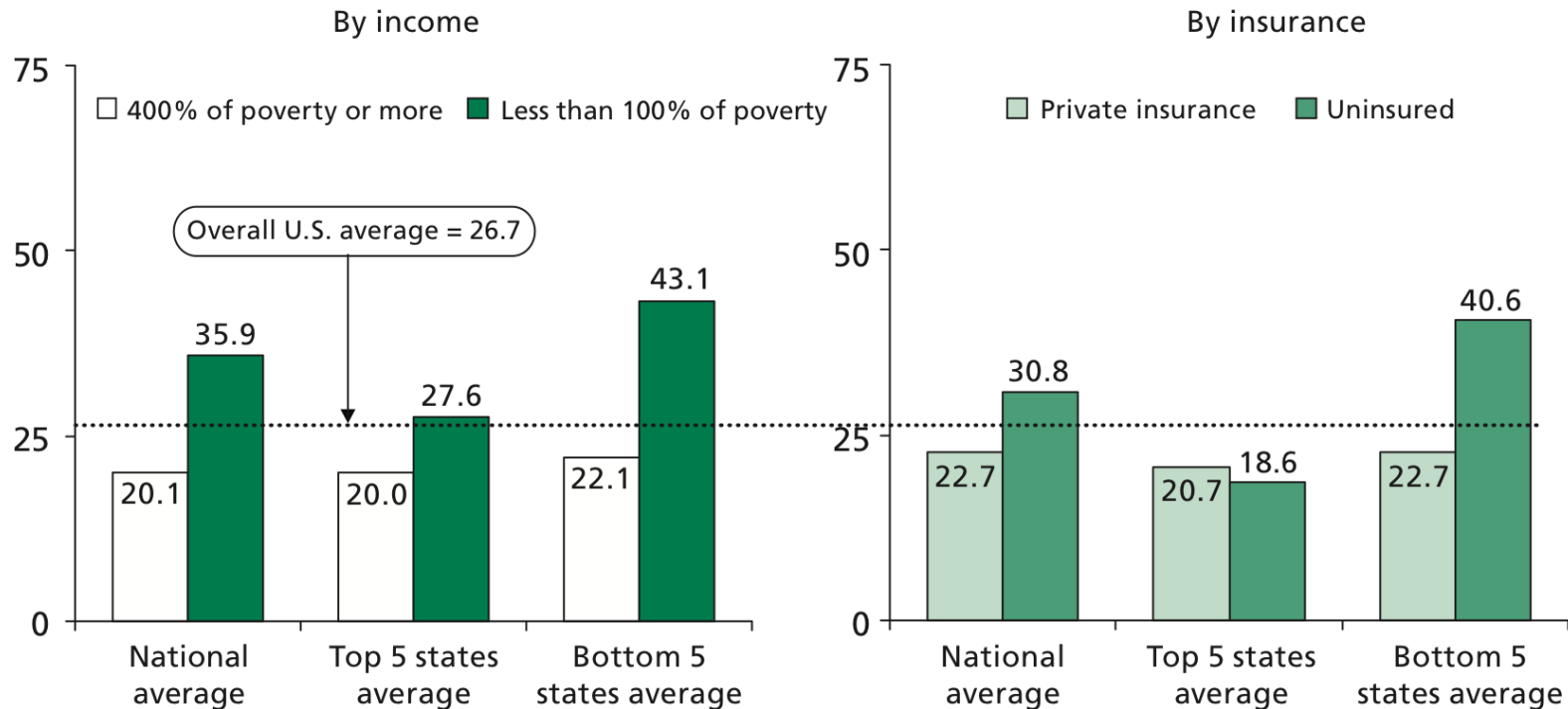
Bottom 5 states refer to states with largest gaps between overall U.S. average and low-income/uninsured groups.

Data: 2007 National Survey of Children's Health.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

Children with Oral Health Problems by Income and Insurance

Percent of children with a toothache, decayed teeth/cavities, broken teeth, or bleeding gums in past six months



Note: Top 5 states refer to states with smallest gaps between overall U.S. average and low-income/uninsured groups.

Bottom 5 states refer to states with largest gaps between overall U.S. average and low-income/uninsured groups.

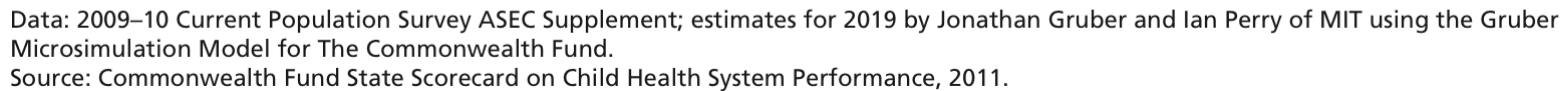
Data: 2007 National Survey of Children's Health.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.

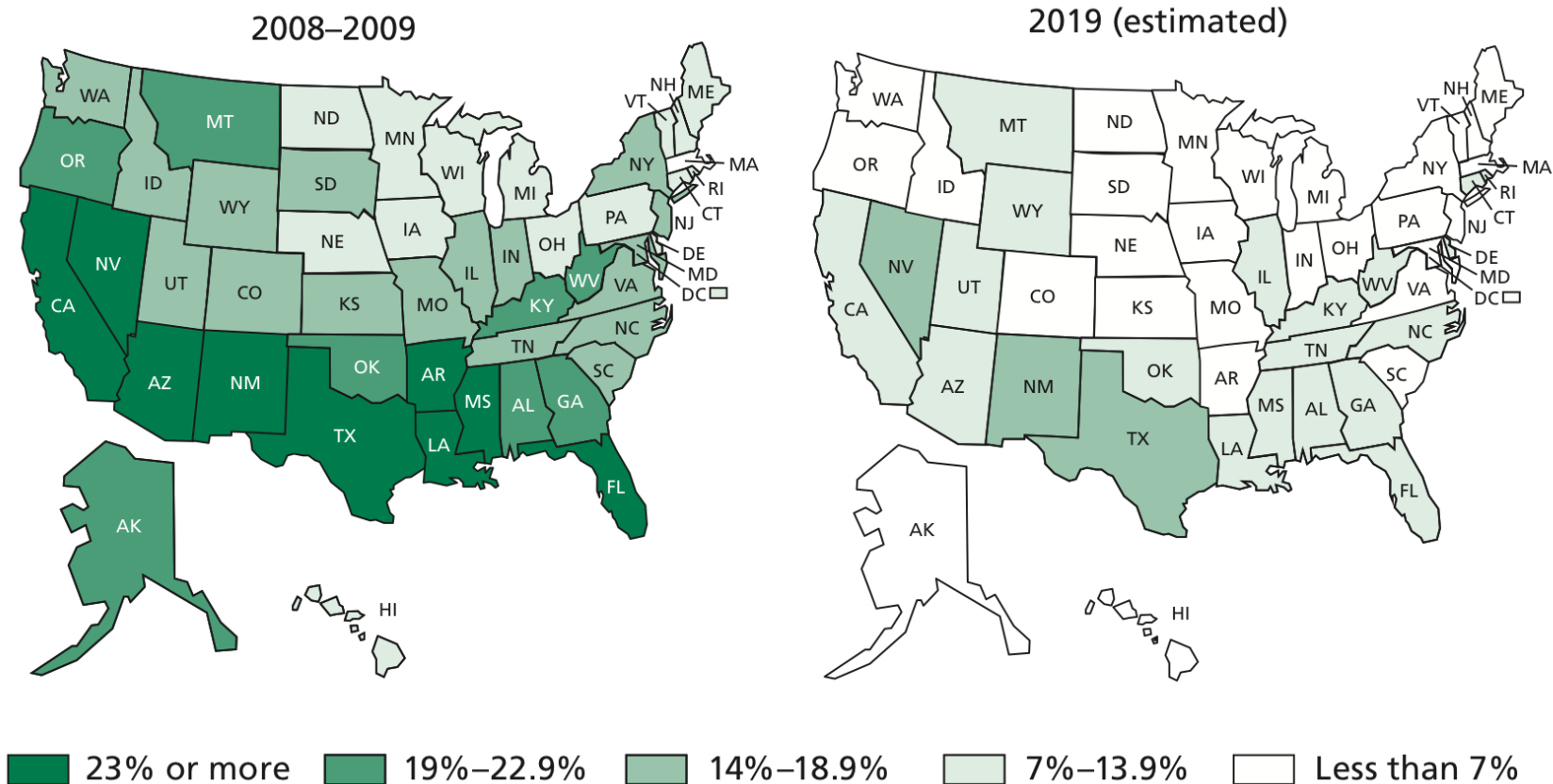
National Cumulative Impact If All States Achieved Top State Rate

Indicator	If all states improved their performance to the level of the best-performing state for this indicator, then:	
Insured Children	5,568,435	more children ages 0–18 would be covered by health insurance (public or private), and therefore would be more likely to receive health care when needed.
Insured Parents	10,394,481	more parents ages 19–64 would be covered by health insurance (public or private), and therefore would be more likely to receive health care when needed.
Medical Home	8,791,965	more children ages 0–17 would have a medical home to help ensure that care is coordinated and accessible when needed.
Vaccinations	592,963	more young children (ages 19–35 months) would be up-to-date on all recommended doses of six key vaccines.
Preventive Care Visits	10,170,287	more children ages 0–17 would receive both routine preventive medical and dental care visits.
Specialty Referrals	366,637	fewer children with special health care needs ages 0–17 who needed a referral to see another doctor or receive services would have problems getting such referrals.
Child Mortality	5,749	fewer deaths among children ages 1–14 might occur.
Oral Health Problems	4,691,470	fewer children ages 1–17 would be suffering from oral health problems, including toothaches, decayed teeth/cavities, broken teeth, and bleeding gums.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.



Post-Reform: Percent of Parents Ages 19–64 Uninsured by State



Data: 2009–10 Current Population Survey ASEC Supplement; estimates for 2019 by Jonathan Gruber and Ian Perry of MIT using the Gruber Microsimulation Model for The Commonwealth Fund.

Source: Commonwealth Fund State Scorecard on Child Health System Performance, 2011.