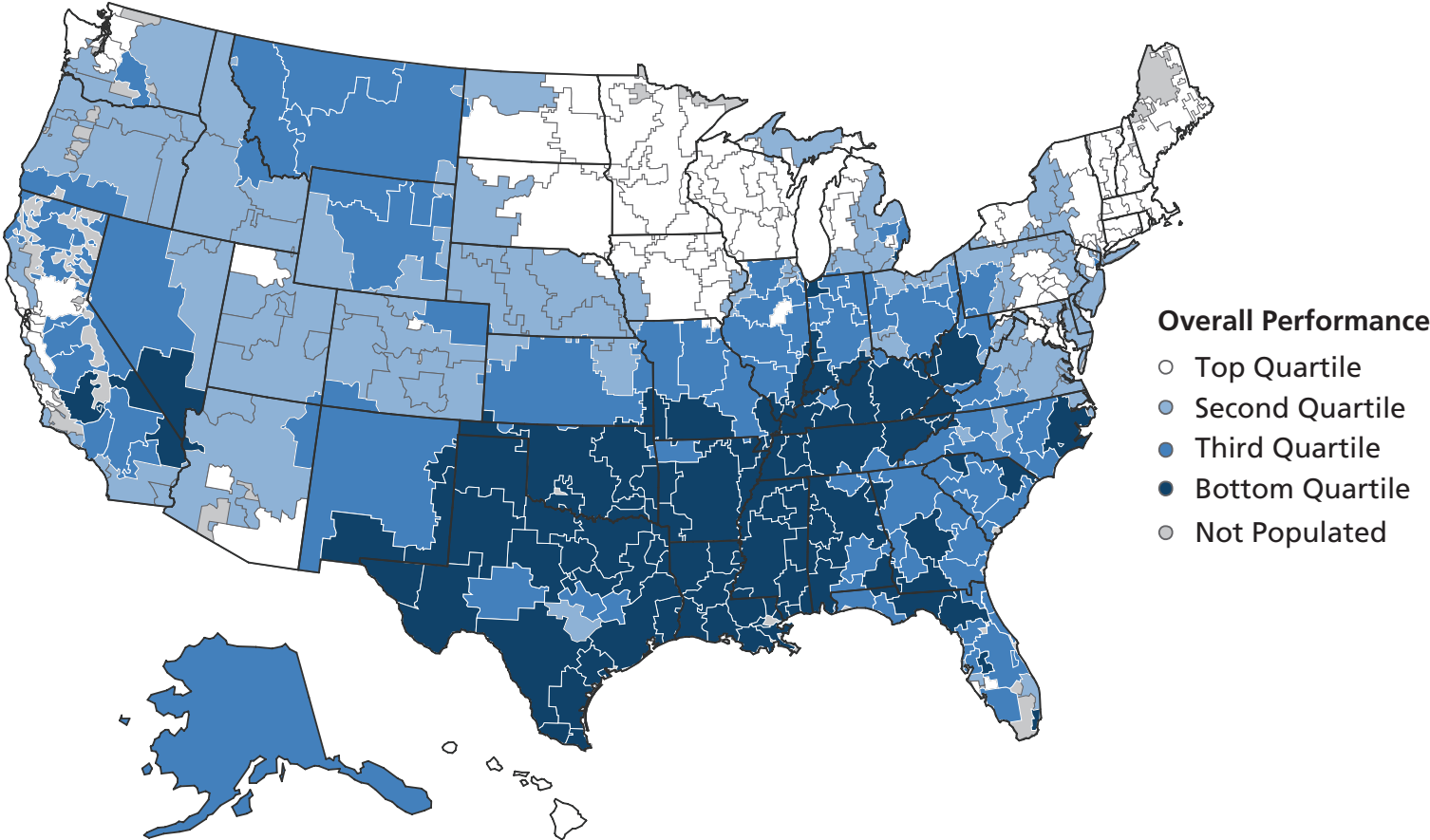


Overall Health System Performance



Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.

List of 43 Indicators in Scorecard on Local Health System Performance

Dimension and Indicator	Range of Hospital Referral Region Performance					Top Three Local Areas (in alphabetical order)*
	Best HRR	Top 90th Percentile	All-HRR Median	Bottom 10th Percentile	Worst HRR	
ACCESS						
1 Percent of adults ages 18–64 insured	94.6	87.5	80.2	71.8	46.8	Boston, MA; Springfield, MA; Worcester, MA
2 Percent of children ages 0–17 insured	98.8	96.3	93.8	87.2	79.8	Boston, MA; Springfield, MA; Worcester, MA
3 Percent of adults reported no cost-related problem seeing a doctor when they needed to within the past year	95.3	90.7	85.3	80.3	66.9	Appleton, WI; Bloomington, IL; Minot, ND
4 Percent of at-risk adults visited a doctor for routine checkup in the past two years	94.9	90.4	85.2	78.4	67.4	Bloomington, IL; Columbus, GA; Newport News, VA
5 Percent of adults visited a dentist, dental hygienist, or dental clinic within the past year	88.4	77.9	69.7	59.7	41.7	Arlington, VA; Aurora, IL; Bridgeport, CT
PREVENTION & TREATMENT						
6 Percent of adults with a usual source of care	93.0	88.8	82.4	74.2	58.7	Buffalo, NY; Johnstown, PA; Lancaster, PA; Rochester, NY
7 Percent of adults age 50 and older received recommended screening and preventive care	58.8	50.8	44.2	37.5	26.0	Arlington, VA; Manchester, NH; Worcester, MA
8 Percent of adult diabetics received recommended preventive care	69.1	55.7	45.5	36.5	26.9	Duluth, MN; Manchester, NH; Marshfield, WI
9 Percent of Medicare beneficiaries received at least one drug that should be avoided in the elderly (1)	11.4	17.9	25.0	36.2	44.0	Bronx, NY; East Long Island, NY; White Plains, NY
10 Percent of Medicare beneficiaries with dementia, hip/pelvic fracture, or chronic renal failure received prescription in an ambulatory care setting that is contraindicated for that condition (1)	9.5	15.3	19.7	26.2	30.6	Portland, ME; Rochester, MN; Santa Cruz, CA
11 Percent of patients hospitalized for heart failure who received recommended care (2)	99.7	97.5	94.7	89.6	77.2	Hudson, FL; Lynchburg, VA; Victoria, TX
12 Percent of patients hospitalized for pneumonia who received recommended care (2)	99.3	96.9	95.1	92.2	74.1	Clearwater, FL; Hudson, FL; Kettering, OH; San Luis Obispo, CA; Traverse City, MI
13 Percent of surgical patients received appropriate care to prevent complications (2)	99.3	97.4	96.2	93.5	88.0	Hudson, FL; Kettering, OH; Newport News, VA
14 Percent of hospitalized patients given information about what to do during their recovery at home	88.5	86.2	82.6	79.1	73.8	Dubuque, IA; Ogden, UT; Provo, UT
15 Percent of patients reported hospital staff always managed pain well, responded when needed help to get to bathroom or pressed call button, and explained medicines and side effects	70.9	67.1	63.2	59.0	52.8	Petoskey, MI; Rochester, MN; Traverse City, MI; Wichita Falls, TX
16 Risk-adjusted 30-day mortality among Medicare patients hospitalized for heart attack (3)	12.1	14.4	15.6	16.9	20.2	Elyria, OH; Hackensack, NJ; Traverse City, MI
17 Risk-adjusted 30-day mortality among Medicare patients hospitalized for heart failure (3)	8.5	9.9	11.4	12.8	14.8	Blue Island, IL; Munster, IN; Panama City, FL
18 Risk-adjusted 30-day mortality among Medicare patients hospitalized for pneumonia (3)	9.4	10.6	11.8	13.2	15.8	Allentown, PA; Cedar Rapids, IA; Great Falls, MT
19 Percent of home health care patients whose ability to walk or move around improved (4)	60.7	56.7	53.4	48.7	45.9	Gainesville, FL; Ogden, UT; Provo, UT
20 Percent of home health care patients whose wounds improved or healed after an operation (4)	92.4	90.3	88.0	85.3	79.3	Lake Charles, LA; Santa Rosa, CA; Tallahassee, FL
21 Percent of high-risk nursing home residents with pressure sores (5)	4.8	7.9	10.9	14.8	20.8	Mason City, IA; St. Cloud, MN; San Luis Obispo, CA
22 Percent of long-stay nursing home residents who were physically restrained (5)	0.4	1.5	3.3	6.8	13.6	Amarillo, TX; Tacoma, WA; Topeka, KS; Wausau, WI
23 Percent of long-stay nursing home residents who have moderate to severe pain (5)	0.4	2.2	3.6	5.2	11.1	New Brunswick, NJ; Paterson, NJ; Spartanburg, SC; Takoma Park, MD
24 Percent of Medicare decedents with a cancer diagnosis without any hospice or who enrolled in hospice in the last three days of life	30.1	46.6	55.6	64.2	84.4	Bend, OR; Salem, OR; Sun City, AZ

Dimension and Indicator	Range of Hospital Referral Region Performance					Top Three Local Areas (in alphabetical order)*
	Best HRR	Top 90th Percentile	All-HRR Median	Bottom 10th Percentile	Worst HRR	
POTENTIALLY AVOIDABLE HOSPITAL USE & COST						
25 Hospital admissions among Medicare beneficiaries for ambulatory care-sensitive conditions, per 100,000 beneficiaries	1,535	4,045	6,184	7,919	9,611	Bend, OR; Ogden, UT; Salem, OR
26 Readmissions within 30 days of discharge as percent of all admissions among Medicare beneficiaries	12.5	15.1	17.7	20.5	24.8	Bend, OR; Ogden, UT; Rapid City, SD
27 Potentially avoidable emergency department visits among Medicare beneficiaries, per 1,000 beneficiaries	129	162	197	236	294	Everett, WA; Grand Junction, CO; Santa Cruz, CA
28 Percent of long-stay nursing home residents hospitalized within six-month period	6.3	11.9	20.0	28.3	36.7	Bend, OR; St. Cloud, MN; Sun City, AZ
29 Percent of first-time nursing home residents readmitted within 30 days of hospital discharge to the nursing home	9.4	15.8	20.6	25.7	30.9	Grand Falls, MT; Ogden, UT; Rapid City, SD
30 Percent of home health care patients with a hospital admission	19.3	22.4	26.6	32.2	46.8	Idaho Falls, ID; Ogden, UT; Provo, UT
31 Medicare imaging costs per enrollee	\$110	\$189	\$288	\$443	\$638	Grand Junction, CO; Lebanon, NH; Minot, ND
32 Total Medicare (Parts A & B) reimbursements per enrollee (6)	\$5,089	\$6,432	\$7,952	\$9,687	\$15,813	Anchorage, AK; Grand Junction, CO; Honolulu, HI
33 Total reimbursements per commercially insured enrollee ages 18–64 (6)	\$2,014	\$2,801	\$3,314	\$4,006	\$5,068	Buffalo, NY; Honolulu, HI; Rochester, NY
HEALTHY LIVES						
34 Potentially preventable mortality, deaths per 100,000 population (7)	51.5	71.6	91.3	128.7	169.0	Boulder, CO; Everett, WA; Grand Junction, CO
35 Breast cancer deaths per 100,000 female population	17.0	22.6	28.9	38.8	48.9	McAllen, TX; San Jose, CA; Santa Barbara, CA
36 Colorectal cancer deaths per 100,000 population	6.8	16.9	22.8	32.6	39.0	McAllen, TX; San Jose, CA; Santa Barbara, CA
37 Infant mortality, deaths per 1,000 live births	3.3	4.9	6.8	9.4	14.4	San Francisco, CA; Santa Rosa, CA; Victoria, TX
38 Percent of live births with low birth weight	4.9	6.0	7.5	9.9	13.2	Anchorage, AK; Dubuque, IA; Everett, WA; Santa Cruz, CA
39 Suicide deaths per 100,000 population	4.2	8.2	15.4	23.4	49.1	East long Island, NY; Hackensack, NJ; Newark, NJ; Ridgewood, NJ; White Plains, NY
40 Percent of adults who smoke	6.2	12.6	19.0	24.2	30.9	Provo, UT; San Mateo, CA; Santa Barbara, CA
41 Percent of adults ages 18–64 who are obese (BMI >= 30)	15.3	23.8	29.5	35.7	45.6	Boulder, CO; Bridgeport, CT; San Francisco, CA
42 Percent of adults ages 18–64 who have lost six or more teeth because of tooth decay, infection, or gum disease	2.8	5.9	10.1	16.4	28.0	Austin, TX; Boulder, CO; St. Cloud, MN
43 Percent of adults ages 18–64 report fair/poor health, 14 or more bad mental health days, or activity limitations	17.9	23.5	29.5	35.8	42.0	Appleton, WI; Bloomington, IL; Sioux City, IA

* As a result of ties, more than three local areas may be listed.

(1) Metric forms part of the score reflecting potentially inappropriate prescribing among elderly Medicare beneficiaries.

(2) Metric forms part of the score reflecting receipt of recommended hospital care.

(3) Metric forms part of the score reflecting hospital mortality.

(4) Metric forms part of the score reflecting quality of home health care.

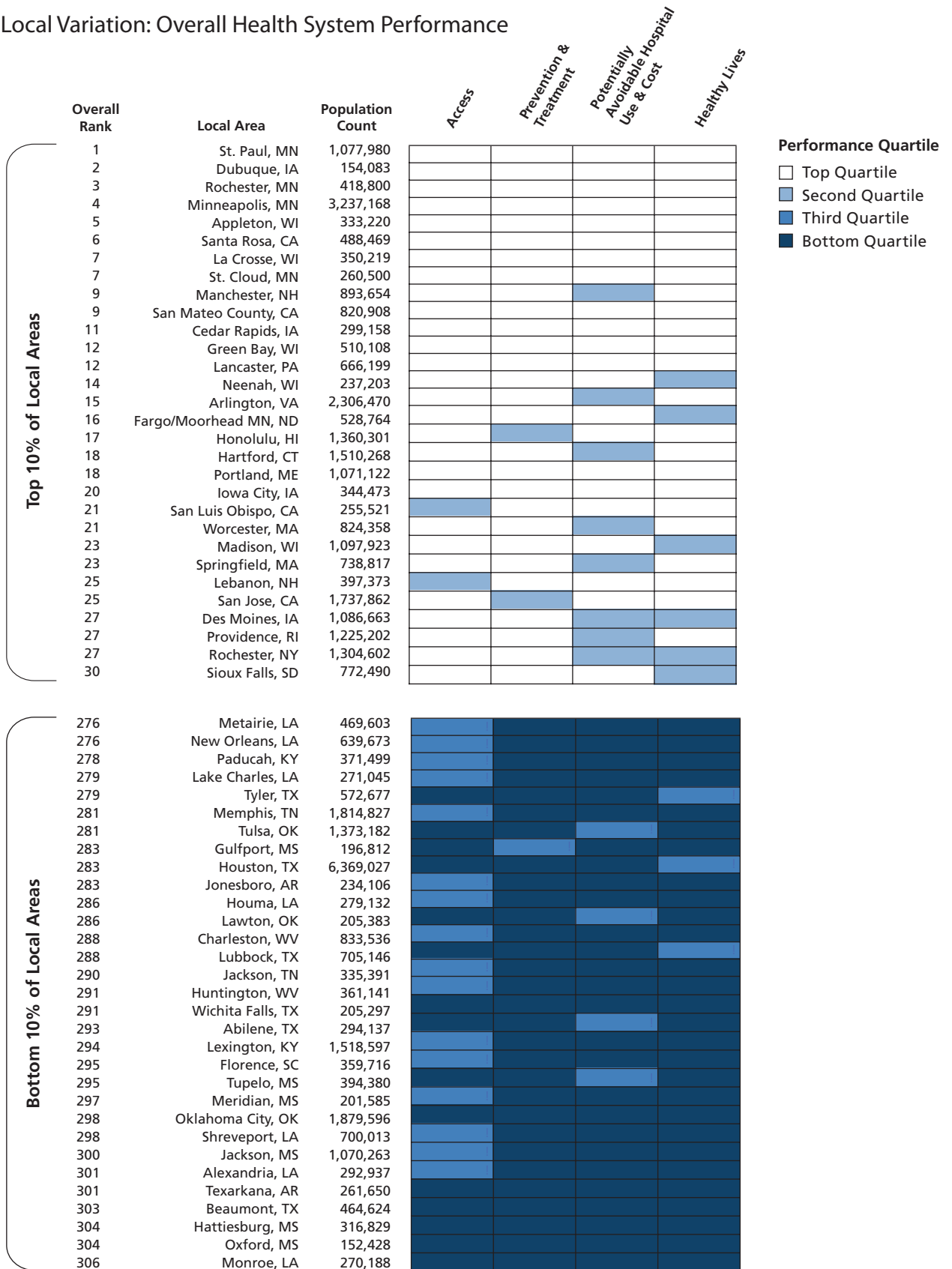
(5) Metric forms part of the score reflecting quality of nursing home care.

(6) Total Medicare per-person spending estimates include payments made for hospital (part A) and outpatient (part B) services. Estimates exclude extra payments to support graduate medical education and treating a disproportionate share of low-income patients; adjustments are made for regional wage differences. Commercial spending estimates, generated from a sophisticated regression model, include reimbursed costs for health care services from all sources of payment, including the health plan, enrollee, and any third-party payers, incurred during 2009. Outpatient prescription drug charges are excluded, as were enrollees with capitated plans and their associated claims. Commercial spending estimates were adjusted for enrollee age and sex, the interaction of age and sex, partial-year enrollment, and regional wage differences.

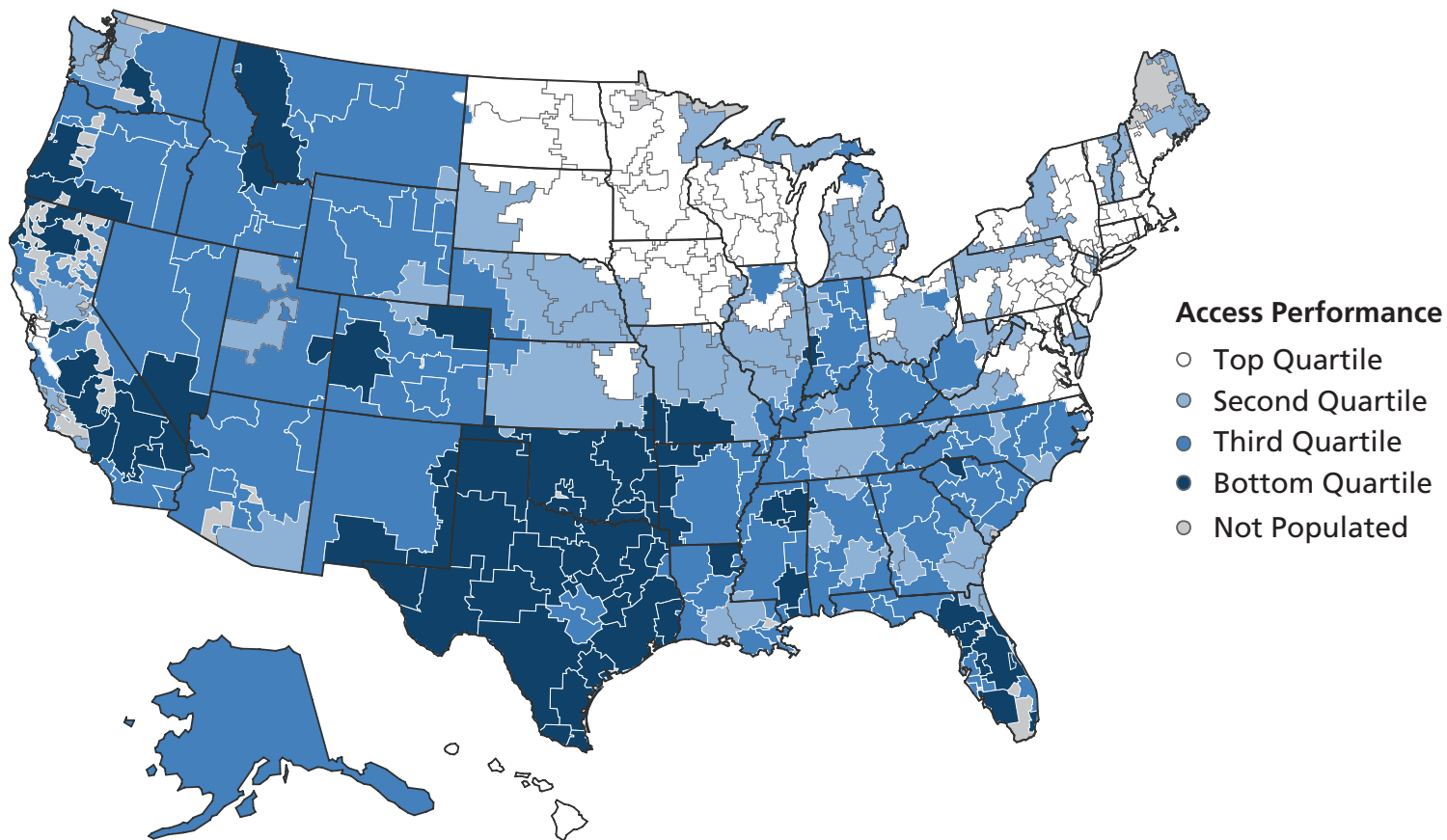
(7) Data for this indicator come from county-level 2005–07 NVSS-M data files, aggregated to the HRR level, for most HRRs. Estimates for the Anchorage, AK, and Honolulu, HI, HRRs represent state-level data and are compiled from years 2006–07.

Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.

Local Variation: Overall Health System Performance

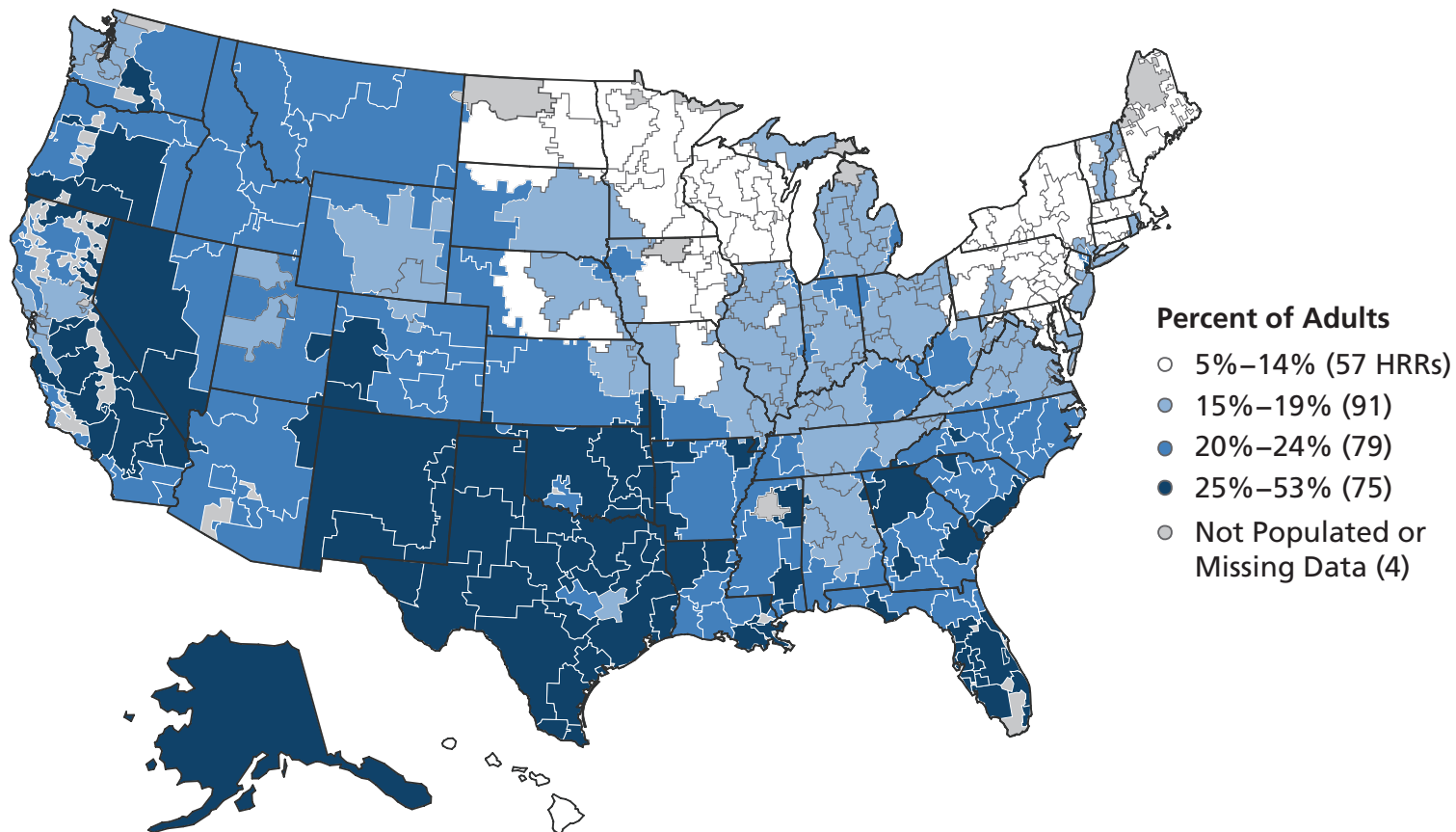


Overall Performance on Access Dimension



Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.

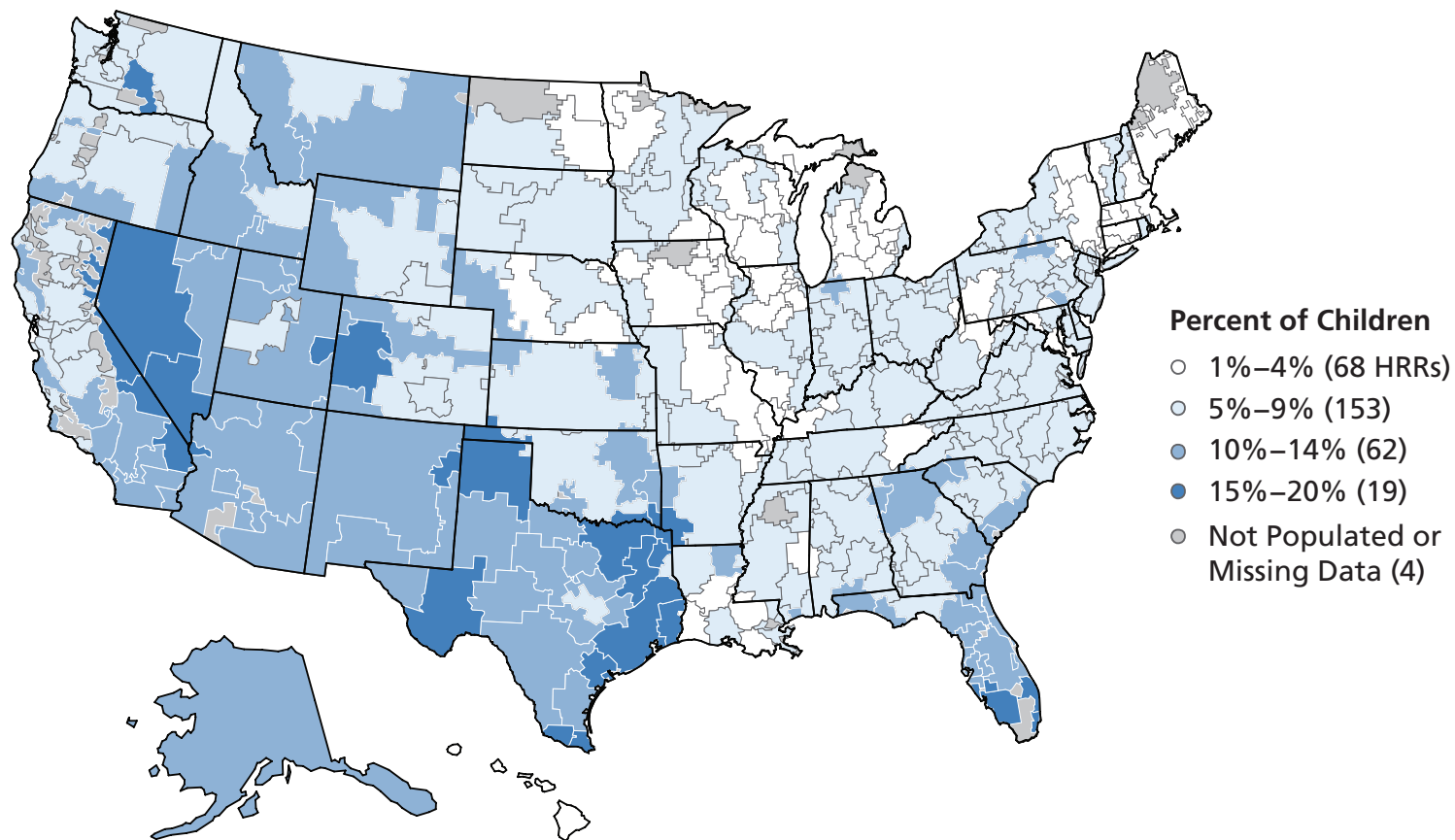
Percent of Adults Ages 18–64 Uninsured, 2009–2010



HRR = hospital referral region.

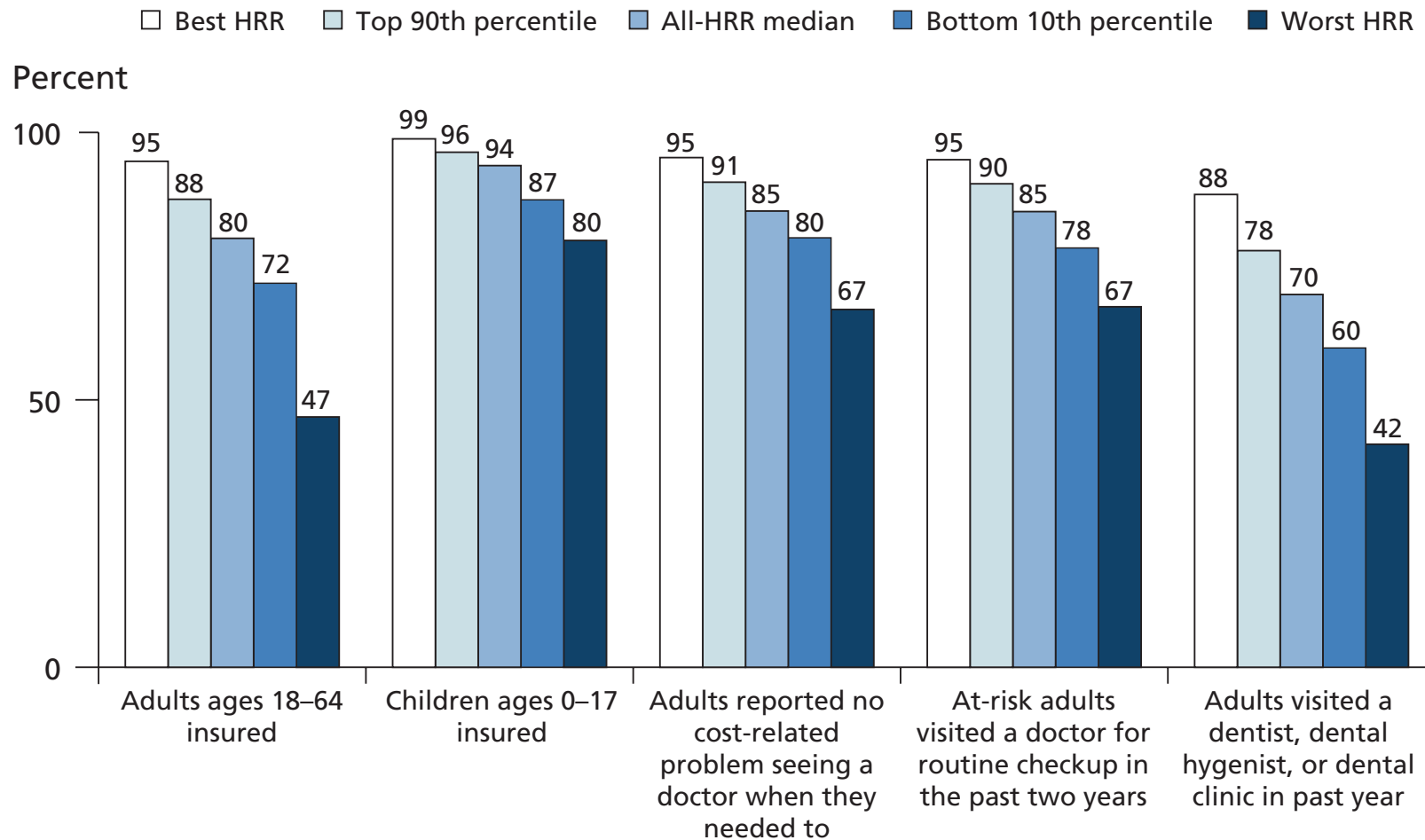
Data: U.S. Census Bureau, 2009–10 American Community Survey.

Percent of Children Ages 0–17 Uninsured, 2009–2010



HRR = hospital referral region
Data: U.S. Census Bureau, 2009–10 American Community Survey.

Local Variation: Access Indicators

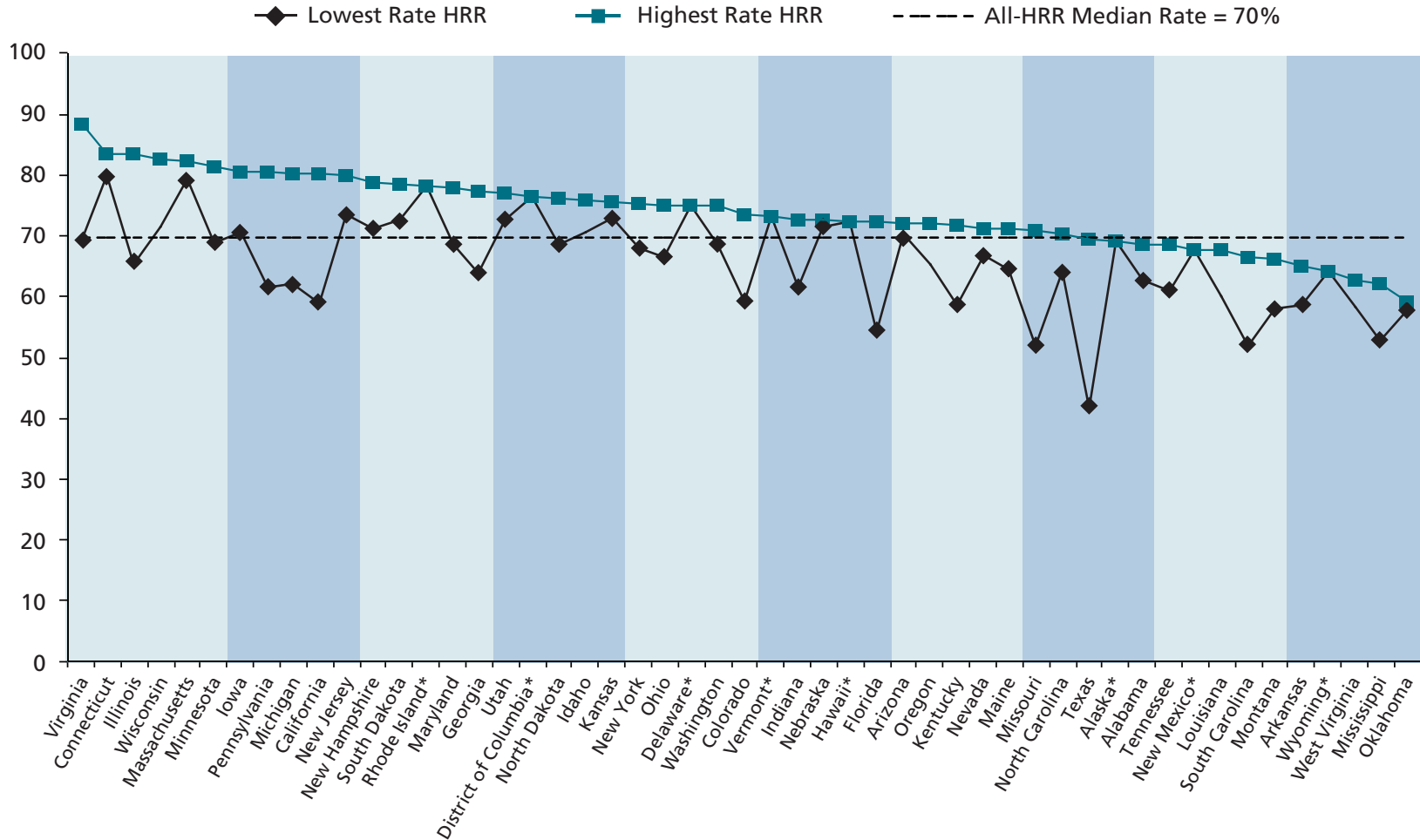


HRR = hospital referral region

Data: Adult and children Insured—2009–10 ACS; No cost-related problem seeing a doctor and checkup in past two years—2009–10 BRFSS; Dental visit—2010 BRFSS.

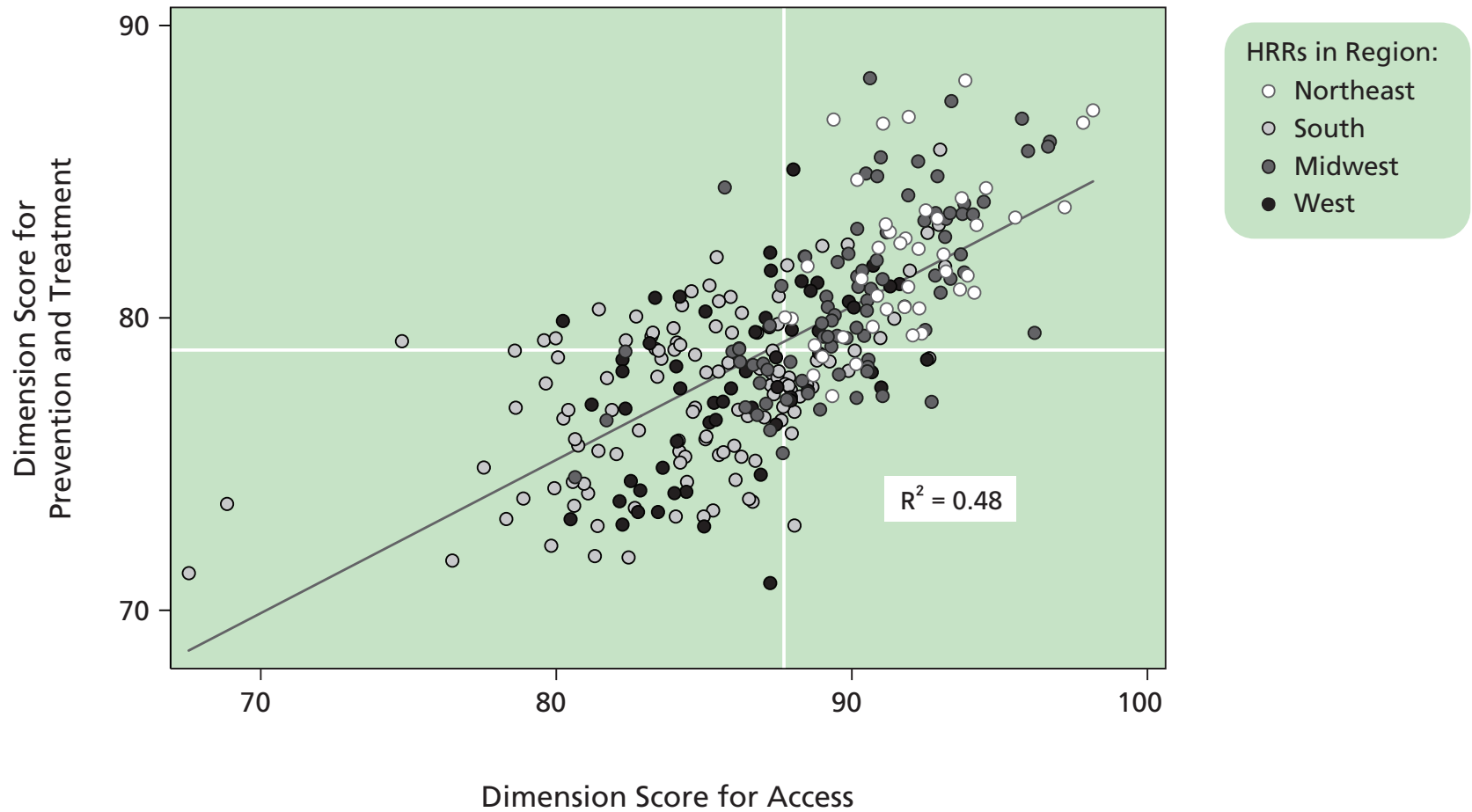
Dental Visit in Past Year, 2010: Highest and Lowest Rate Local Areas in Each State

Percent of adults who visited a dentist, dental hygienist, or dental clinic within the past year



*These states have only one HRR based within the state.
 HRR = hospital referral region
 Data: 2010 BRFSS.

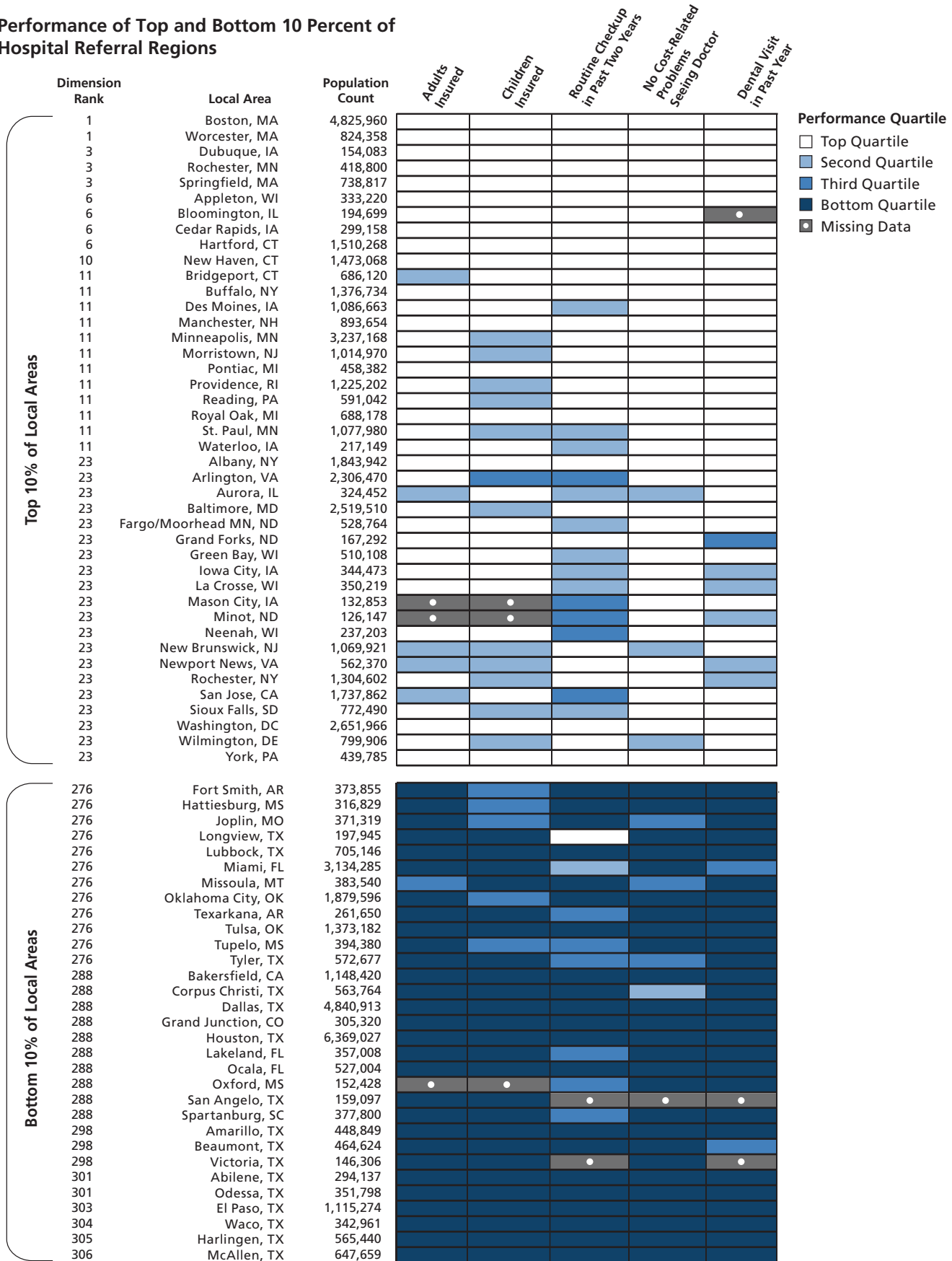
Performance in the Access and Prevention & Treatment Dimensions Is Related



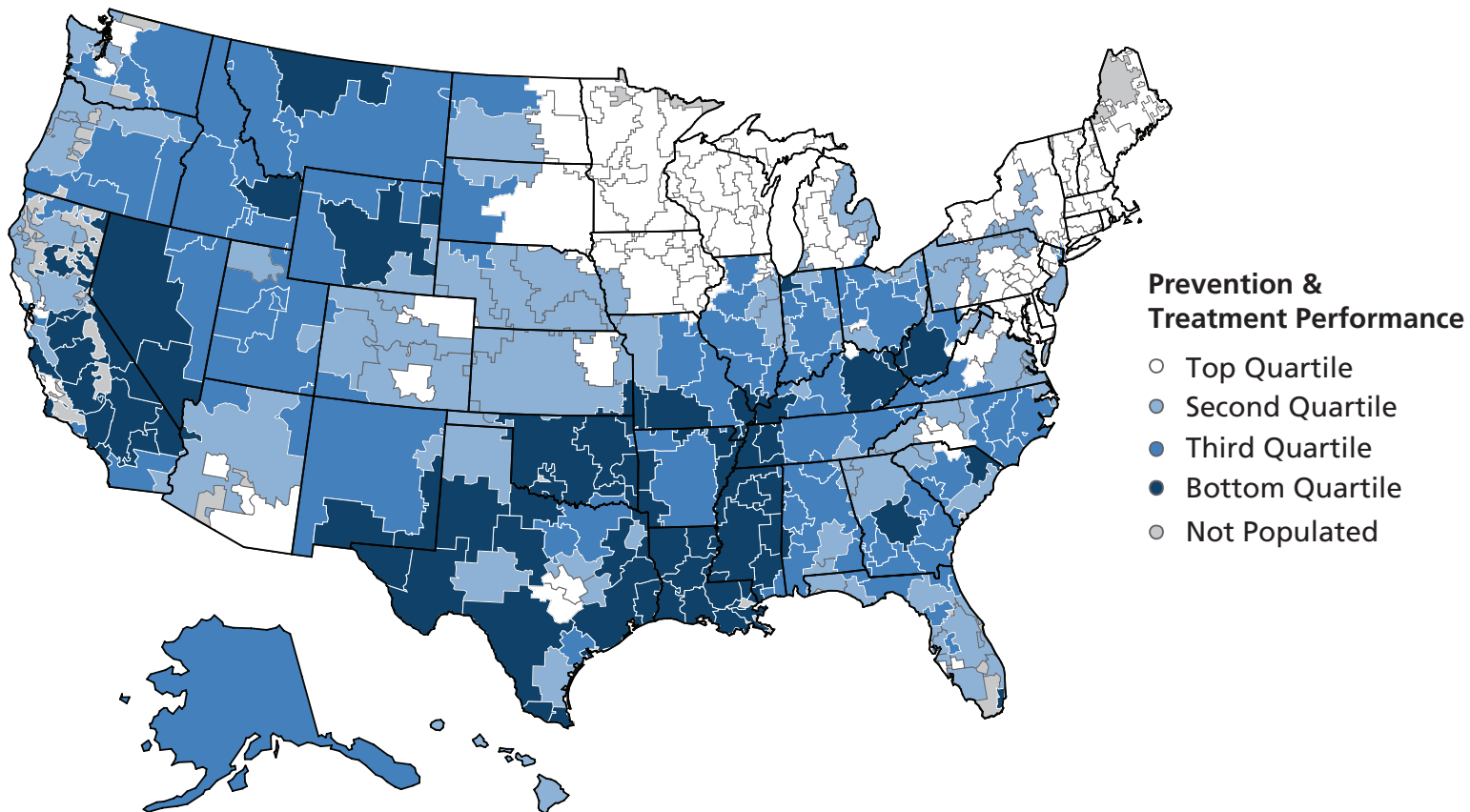
HRR = hospital referral region

Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.

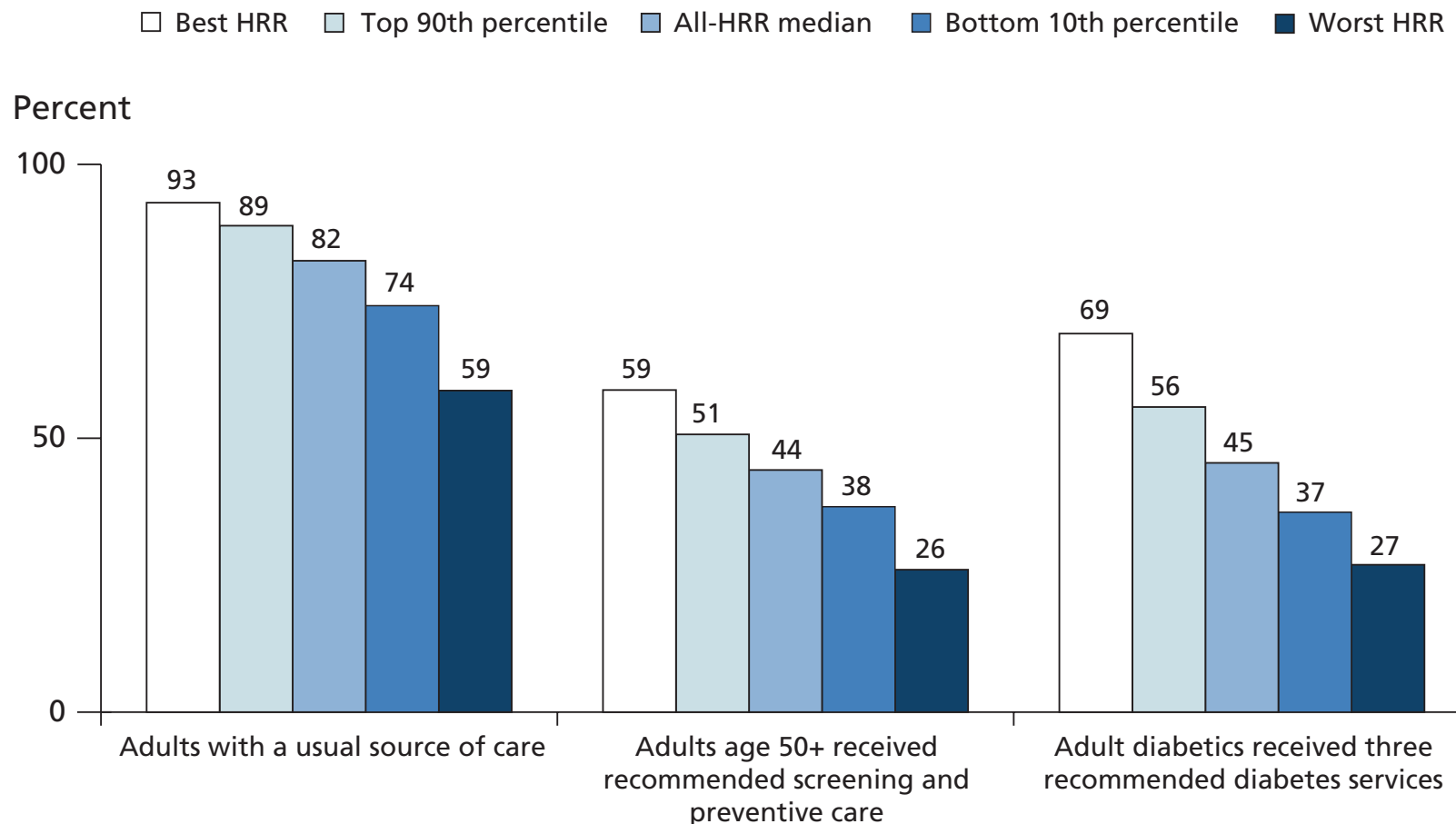
Performance of Top and Bottom 10 Percent of Hospital Referral Regions



Overall Performance on Prevention & Treatment Dimension



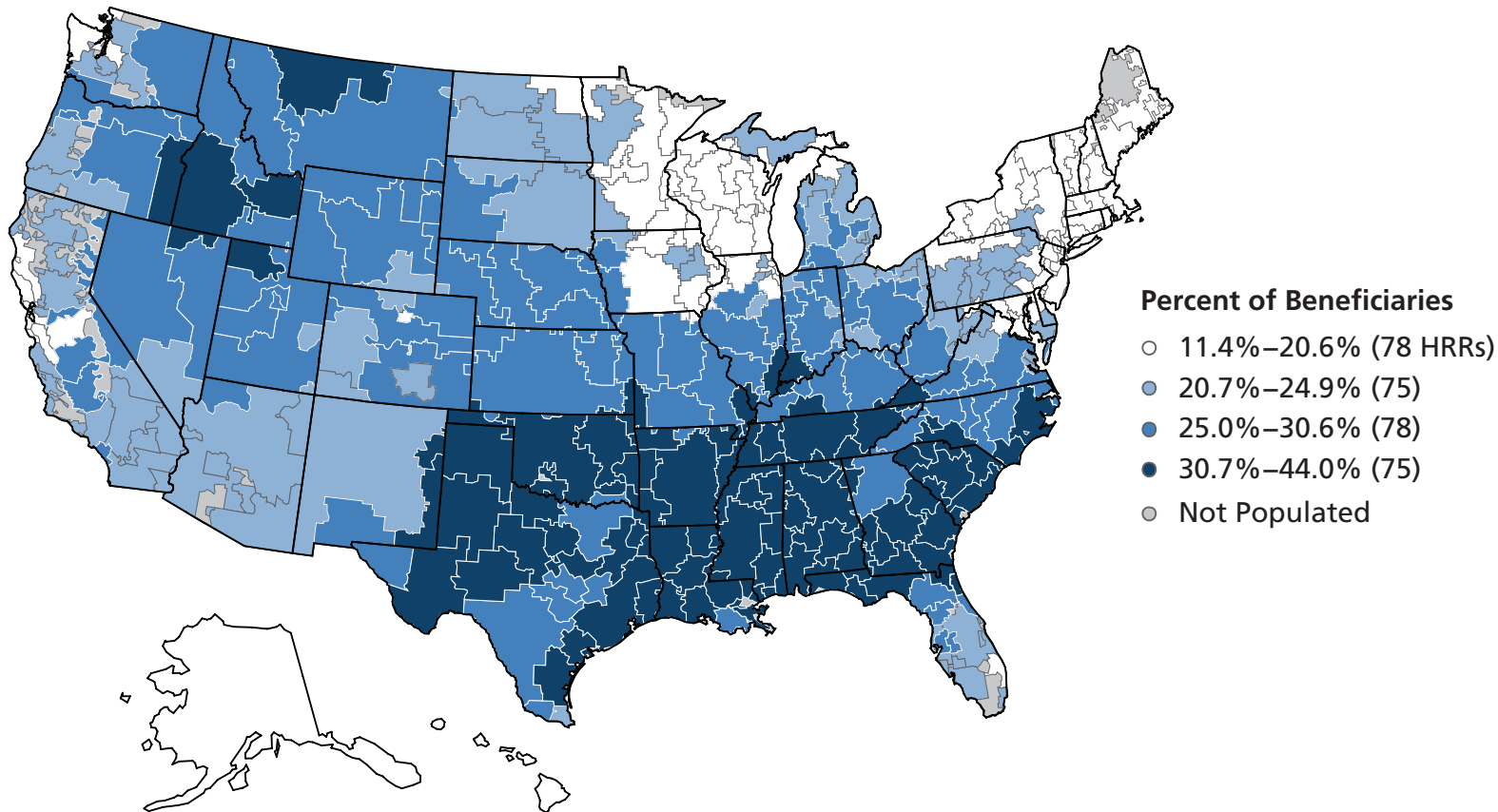
Local Variation: Usual Source of Care and Preventive Care



HRR = hospital referral region.

Data: Adults with usual source of care—2009–10 BRFSS; Adults received preventive care—2008 & 2010 BRFSS; Adult diabetic recommended care—2008–10 BRFSS.

Prescription of Potentially Unsafe Medications, 2007

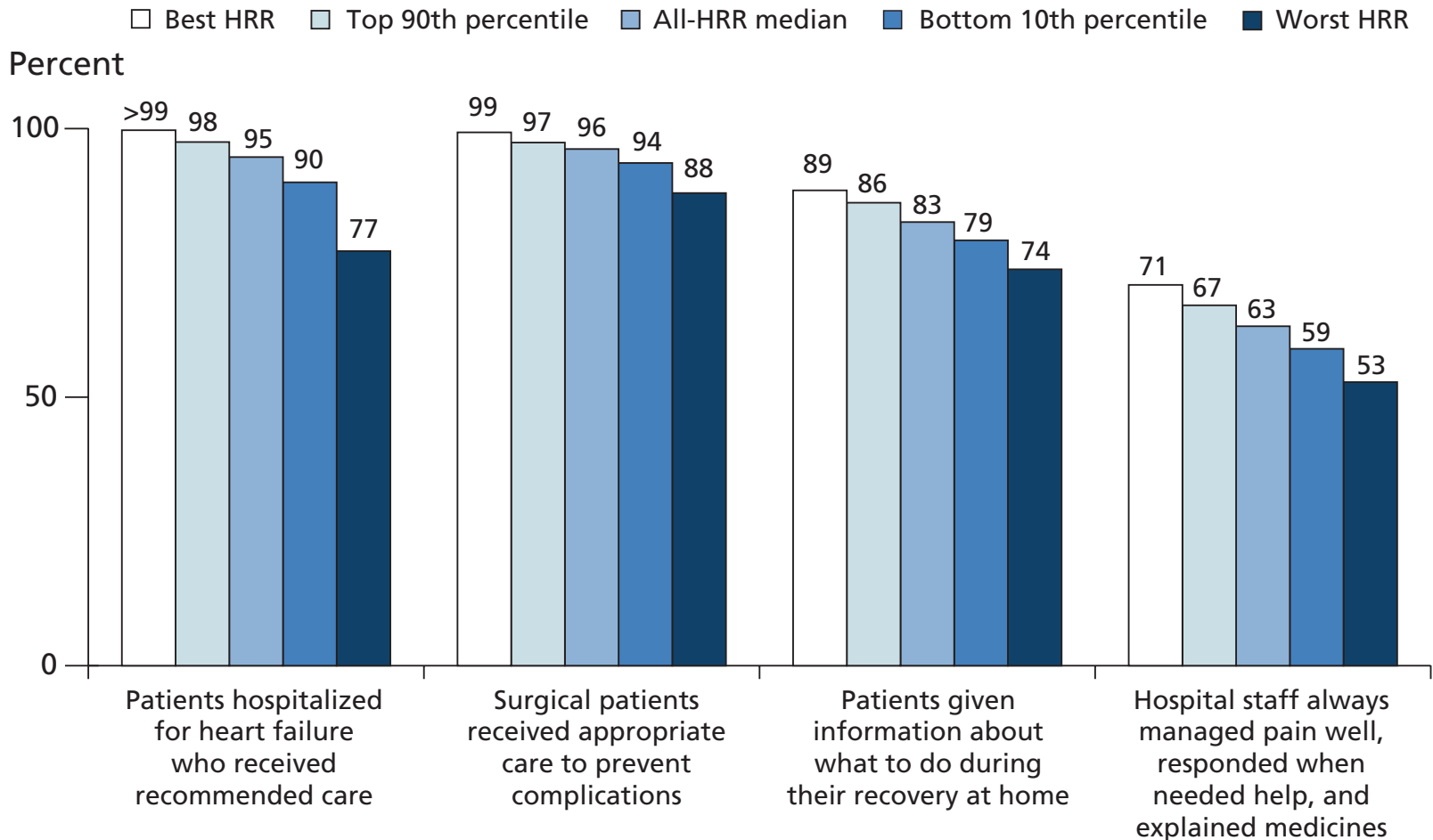


HRR = hospital referral region.

Note: Quartiles denoted in this map reflect the distribution of HRRs on only one of two indicators of prescribing quality (indicator #9). In other instances in this report, and in scorecard data reported online, the reported quartile value reflects the combined score for both prescription quality indicators (indicators #9 and #10), and may differ. See Appendix B for more information.

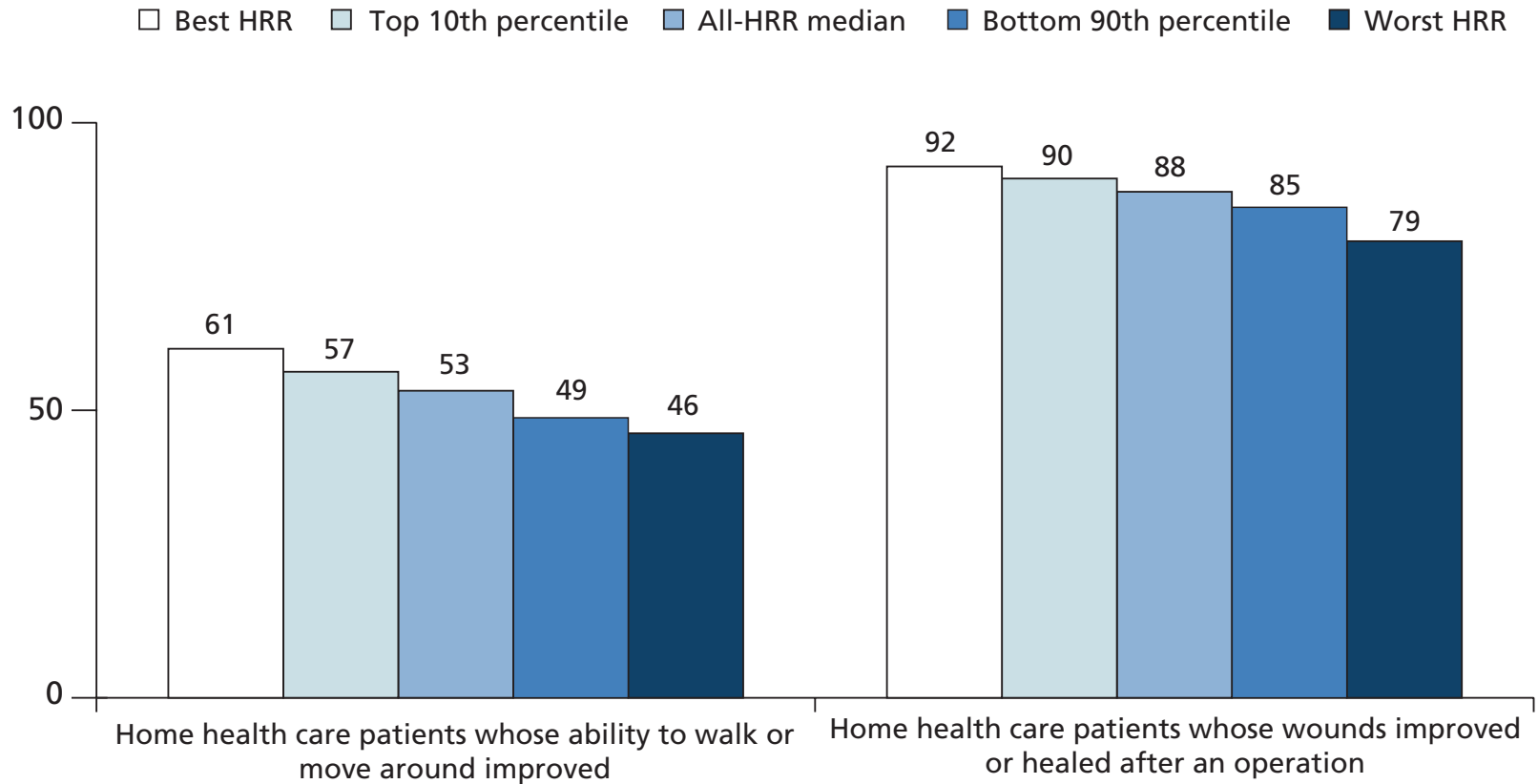
Data: 2007 Medicare Part D 5% Data.

Local Variation: Hospital Care Processes and Responsiveness to Patients



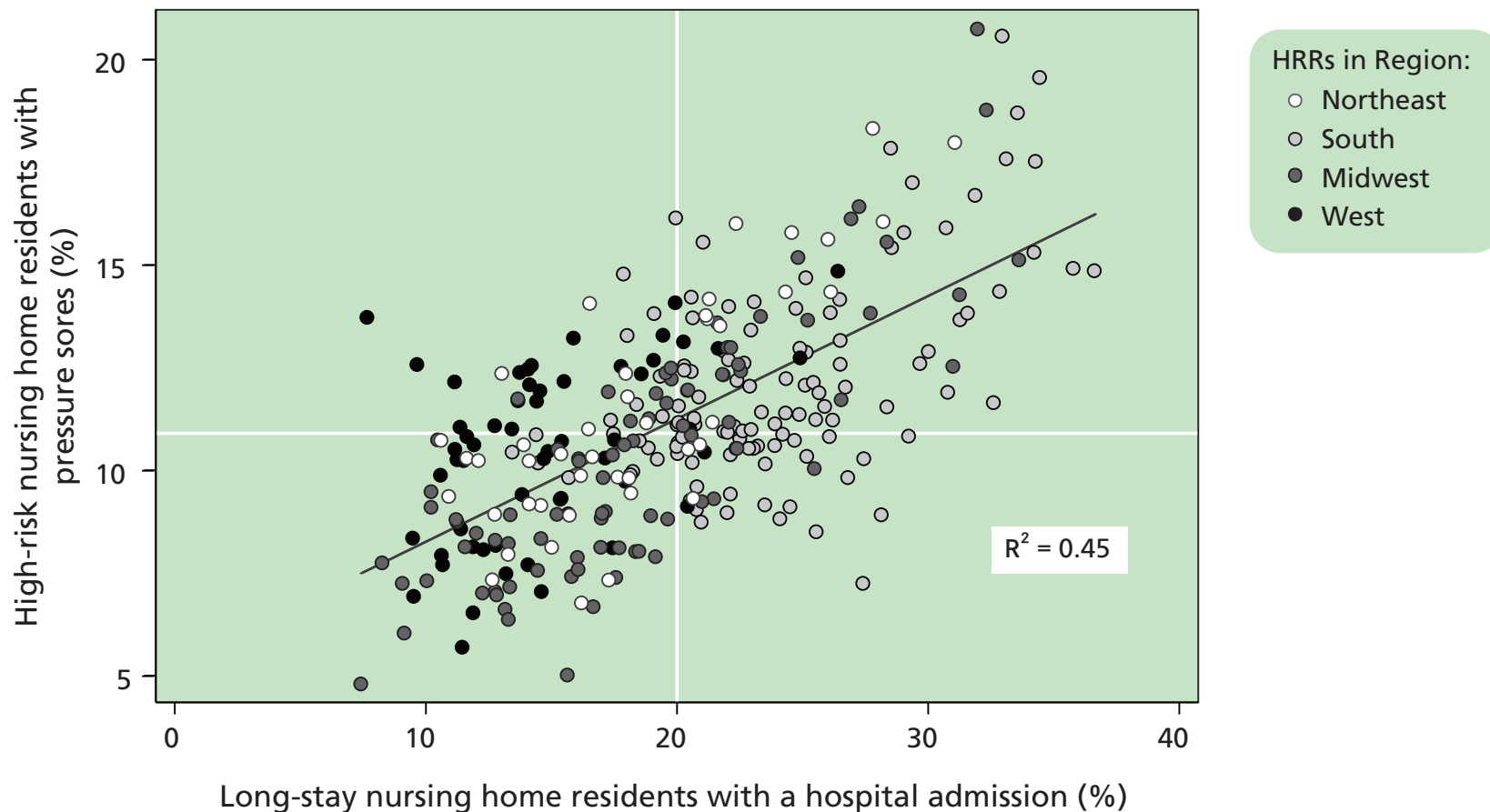
HRR = hospital referral region.
 Data: 2010 CMS Hospital Compare.

Local Variation: Home Health Quality Indicators



HRR = hospital referral region.
 Data: April 2010–March 2011 OASIS, as reported by CMS Home Health Compare.

Nursing Home Pressure Sores and Admission to Hospital from Nursing Homes



HRR = hospital referral region.

Data: Residents with pressure sores—2008-09 MDS, as reported by CMS Nursing Home Compare; Residents with hospital admission—2008 MEDPAR, MDS.

Performance of Top and Bottom 10 Percent of Hospital Referral Regions

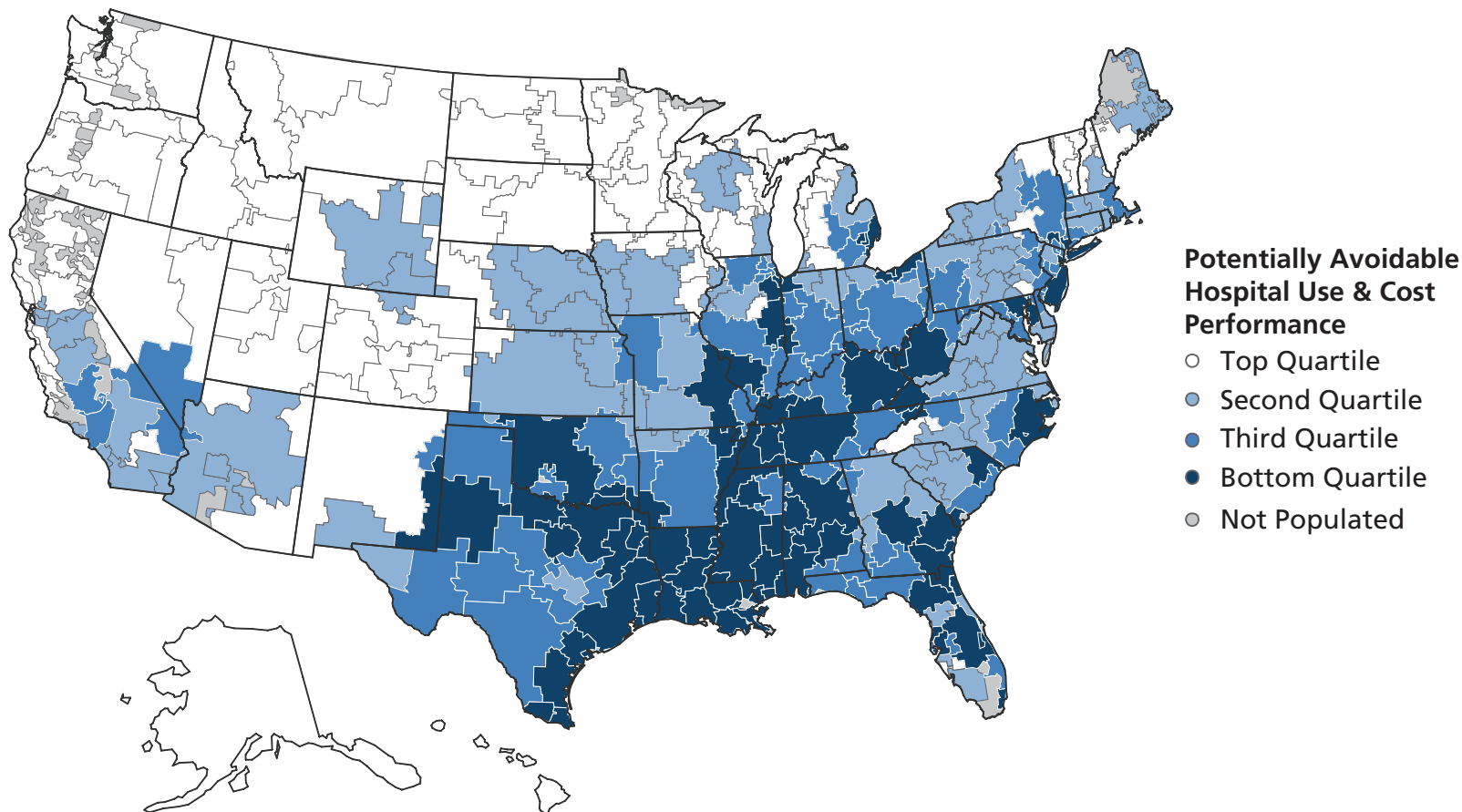
Performance Quartile

- Top Quartile
- Second Quartile
- Third Quartile
- Bottom Quartile
- Missing Data

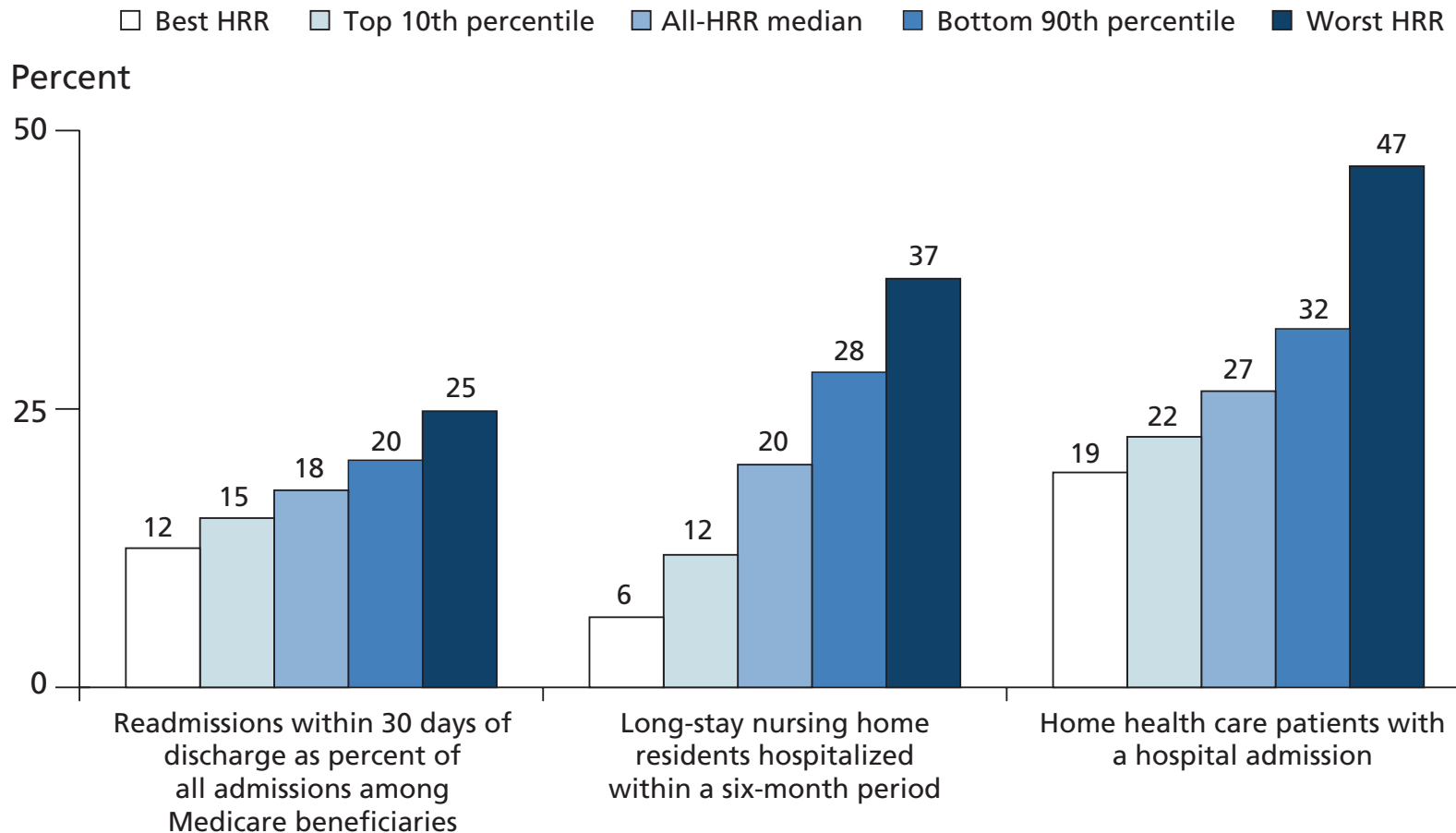
Dimension Rank	Local Area	Population Count	Adult Usual Source of Care	Adult Preventive Care	Diabetic Preventive Care	Inappropriate Prescription Among Elderly (1)	Hospital Quality (2)	Hospital 30-Day Mortality (3)	Patient-Centered Hospital Care	Home Recovery Discharge Instructions	Home Health Quality (4)	Nursing Home Quality (5)	Medicare Cancer Precedents with Late or No Hospice
Top 10% of Local Areas	1 Manchester, NH	893,654	■	■	■	■	■	■	■	■	■	■	■
	1 Wausau, WI	189,109	■	■	■	■	■	■	■	■	■	■	■
	3 Bangor, ME	398,446	■	■	■	■	■	■	■	■	■	■	■
	3 Boston, MA	4,825,960	■	■	■	■	■	■	■	■	■	■	■
	3 Cedar Rapids, IA	299,158	■	■	■	■	■	■	■	■	■	■	■
	3 Lancaster, PA	666,199	■	■	■	■	■	■	■	■	■	■	■
	3 Neenah, WI	237,203	■	■	■	■	■	■	■	■	■	■	■
	3 Portland, ME	1,071,122	■	■	■	■	■	■	■	■	■	■	■
	3 Worcester, MA	824,358	■	■	■	■	■	■	■	■	■	■	■
	10 Appleton, WI	333,220	■	■	■	■	■	■	■	■	■	■	■
	10 Arlington, VA	2,306,470	■	■	■	■	■	■	■	■	■	■	■
	10 Dubuque, IA	154,083	■	■	■	■	■	■	■	■	■	■	■
	10 Rochester, MN	418,800	■	■	■	■	■	■	■	■	■	■	■
	14 Boulder, CO	286,366	■	■	■	■	■	■	■	■	■	■	■
	14 Grand Rapids, MI	1,175,042	■	■	■	■	■	■	■	■	■	■	■
	14 Lebanon, NH	397,373	■	■	■	■	■	■	■	■	■	■	■
	14 Marshfield, WI	371,943	■	■	■	■	■	■	■	■	■	■	■
	14 Mason City, IA	132,853	■	■	■	■	■	■	■	■	■	■	■
	14 St. Cloud, MN	260,500	■	■	■	■	■	■	■	■	■	■	■
	14 Traverse City, MI	231,931	■	■	■	■	■	■	■	■	■	■	■
	21 Des Moines, IA	1,086,663	■	■	■	■	■	■	■	■	■	■	■
21 Green Bay, WI	510,108	■	■	■	■	■	■	■	■	■	■	■	
21 La Crosse, WI	350,219	■	■	■	■	■	■	■	■	■	■	■	
21 Madison, WI	1,097,923	■	■	■	■	■	■	■	■	■	■	■	
21 Minneapolis, MN	3,237,168	■	■	■	■	■	■	■	■	■	■	■	
21 New Haven, CT	1,473,068	■	■	■	■	■	■	■	■	■	■	■	
21 Petoskey, MI	177,769	■	■	■	■	■	■	■	■	■	■	■	
21 Providence, RI	1,225,202	■	■	■	■	■	■	■	■	■	■	■	
21 Rochester, NY	1,304,602	■	■	■	■	■	■	■	■	■	■	■	
21 Springfield, MA	738,817	■	■	■	■	■	■	■	■	■	■	■	
21 St. Paul, MN	1,077,980	■	■	■	■	■	■	■	■	■	■	■	
21 Waterloo, IA	217,149	■	■	■	■	■	■	■	■	■	■	■	
Bottom 10% of Local Areas	273 Beaumont, TX	464,624	■	■	■	■	■	■	■	■	■	■	■
	273 Fort Smith, AR	373,855	■	■	■	■	■	■	■	■	■	■	■
	273 Fresno, CA	1,244,368	■	■	■	■	■	■	■	■	■	■	■
	273 Harlingen, TX	565,440	■	■	■	■	■	■	■	■	■	■	■
	273 Houma, LA	279,132	■	■	■	■	■	■	■	■	■	■	■
	273 Houston, TX	6,369,027	■	■	■	■	■	■	■	■	■	■	■
	273 Jackson, TN	335,391	■	■	■	■	■	■	■	■	■	■	■
	273 Las Vegas, NV	2,075,263	■	■	■	■	■	■	■	■	■	■	■
	273 Lawton, OK	205,383	■	■	■	■	■	■	■	■	■	■	■
	273 Lubbock, TX	705,146	■	■	■	■	■	■	■	■	■	■	■
	273 Memphis, TN	1,814,827	■	■	■	■	■	■	■	■	■	■	■
	273 Paducah, KY	371,499	■	■	■	■	■	■	■	■	■	■	■
	273 Palm Springs/Rancho Mirage, CA	590,216	■	■	■	■	■	■	■	■	■	■	■
	273 Reno, NV	753,253	■	■	■	■	■	■	■	■	■	■	■
	273 Santa Barbara, CA	439,848	■	■	■	■	■	■	■	■	■	■	■
	273 Tulsa, OK	1,373,182	■	■	■	■	■	■	■	■	■	■	■
	273 Tupelo, MS	394,380	■	■	■	■	■	■	■	■	■	■	■
	290 Abilene, TX	294,137	■	■	■	■	■	■	■	■	■	■	■
	290 Alexandria, LA	292,937	■	■	■	■	■	■	■	■	■	■	■
	290 Bakersfield, CA	1,148,420	■	■	■	■	■	■	■	■	■	■	■
	290 Casper, WY	194,084	■	■	■	■	■	■	■	■	■	■	■
	290 Jackson, MS	1,070,263	■	■	■	■	■	■	■	■	■	■	■
	290 Lafayette, LA	622,943	■	■	■	■	■	■	■	■	■	■	■
	290 Los Angeles, CA	9,874,390	■	■	■	■	■	■	■	■	■	■	■
	290 Meridian, MS	201,585	■	■	■	■	■	■	■	■	■	■	■
	290 Oklahoma City, OK	1,879,596	■	■	■	■	■	■	■	■	■	■	■
	290 San Bernardino, CA	2,995,146	■	■	■	■	■	■	■	■	■	■	■
290 Stockton, CA	592,259	■	■	■	■	■	■	■	■	■	■	■	
301 El Paso, TX	1,115,274	■	■	■	■	■	■	■	■	■	■	■	
301 Hattiesburg, MS	316,829	■	■	■	■	■	■	■	■	■	■	■	
301 Monroe, LA	270,188	■	■	■	■	■	■	■	■	■	■	■	
301 Oxford, MS	152,428	■	■	■	■	■	■	■	■	■	■	■	
305 Idaho Falls, ID	239,146	■	■	■	■	■	■	■	■	■	■	■	
305 McAllen, TX	647,659	■	■	■	■	■	■	■	■	■	■	■	

(1) Quartile ranking is based on an average of 2 metrics: 1) Percent of Medicare beneficiaries received at least one drug that should be avoided in the elderly; 2) Percent of Medicare beneficiaries with dementia, hip/pelvic fracture, or chronic renal failure received prescription in an ambulatory care setting that is contraindicated for that condition.
 (2) Quartile ranking is based on an average of 3 metrics: 1) Percent of patients hospitalized for heart failure who received recommended care; 2) Percent of patients hospitalized for pneumonia who received recommended care; 3) Percent of surgical patients received appropriate care to prevent complications.
 (3) Quartile ranking is based on an average of 3 metrics: 1) Risk-adjusted 30-day mortality among Medicare patients hospitalized for heart attack; 2) Risk-adjusted 30-day mortality among Medicare patients hospitalized for heart failure; 3) Risk-adjusted 30-day mortality among Medicare patients hospitalized for pneumonia.
 (4) Quartile ranking is based on an average of 2 metrics: 1) Percent of home health care patients whose ability to walk or move around improved; 2) Percent of home health care patients whose wounds improved or healed after an operation.
 (5) Quartile ranking is based on an average of 3 metrics: 1) Percent of high-risk nursing home residents with pressure sores; 2) Percent of long-stay nursing home residents who were physically restrained; 3) Percent of long-stay nursing home residents who have moderate to severe pain.

Overall Performance on Potentially Avoidable Hospital Use & Cost Dimension



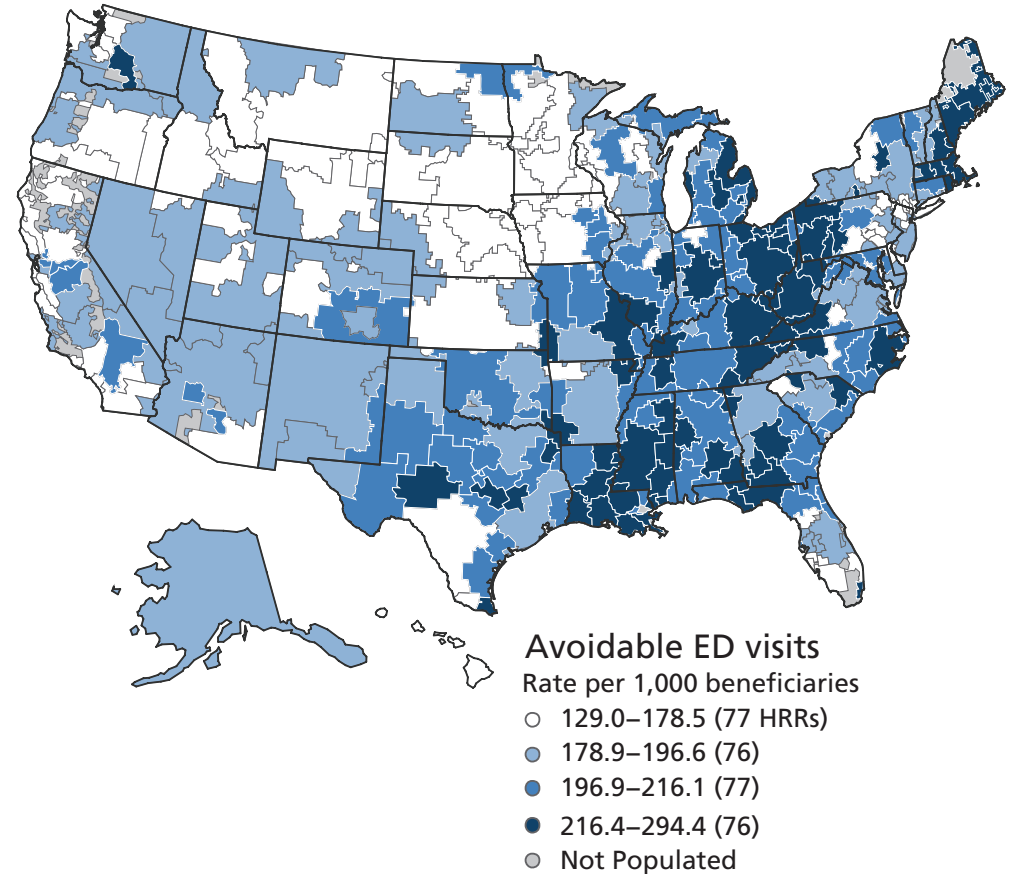
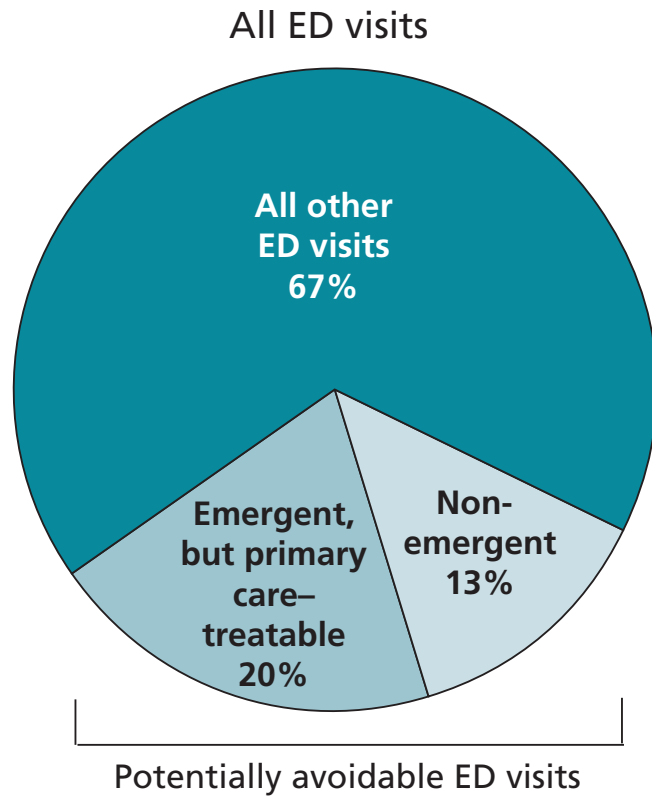
Local Variation: Potentially Avoidable Hospital Admissions



HRR = hospital referral region.

Data: Readmissions within 30 days of discharge—2008 Medicare claims as reported by IOM; long-stay nursing home residents hospitalized—2008 MEDPAR, MDS; Home health care patients with hospital admission—April 2010–March 2011 OASIS as reported by CMS Home Health Compare.

Potentially Avoidable Emergency Department (ED) Use Among Medicare Beneficiaries

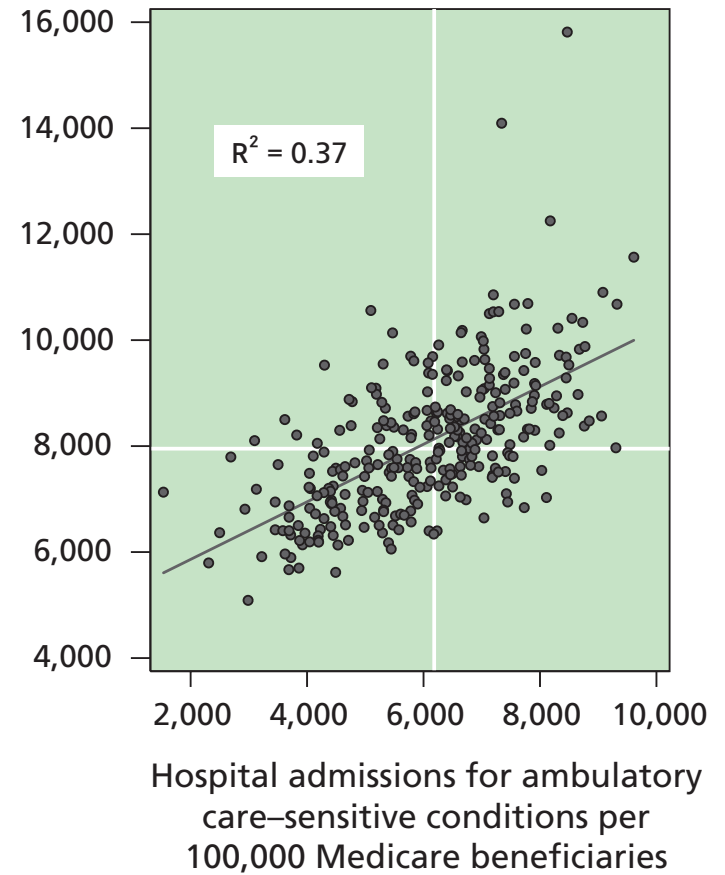
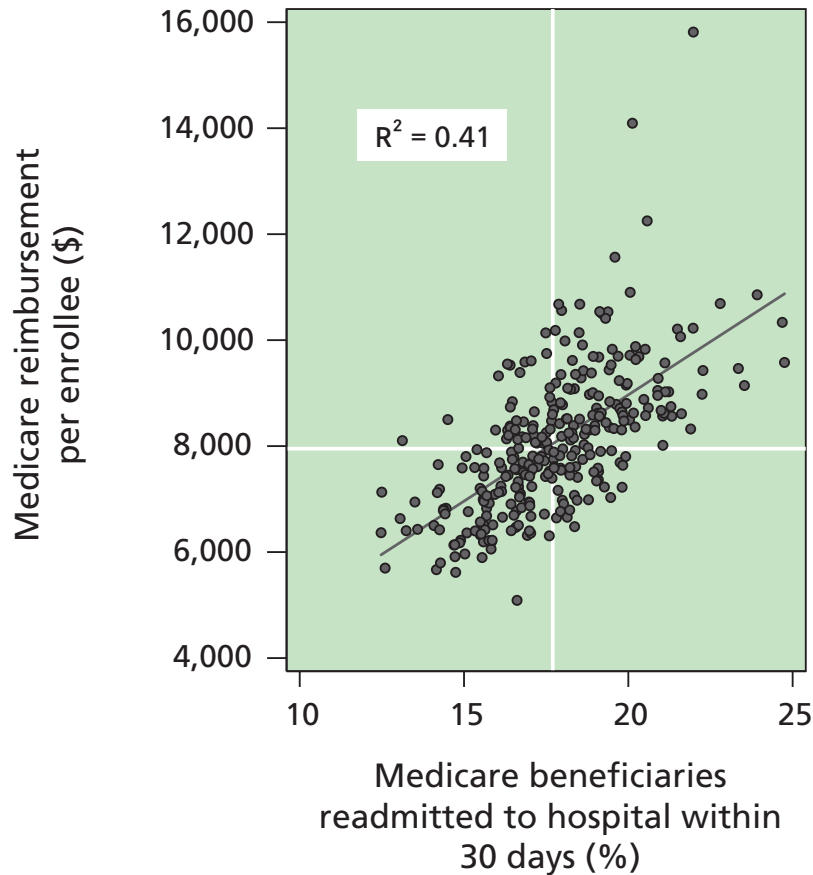


HRR = hospital referral region.

Data: 2009 5% Medicare SAF.

Note: Potentially avoidable emergency department (ED) visits are considered either nonemergent, where treatment was not required within 12 hours, or emergent but primary care-treatable, where care was needed within 12 hours, but the services provided in the ED could have been provided in a primary care setting.

Hospitalizations for Potentially Avoidable Hospital Admissions and 30-Day Readmissions, by Medicare Reimbursement



Note: Each dot represents one of 306 hospital referral regions.

Data: Medicare reimbursement and Medicare beneficiaries readmitted to hospital—2008 Medicare claims as reported by IOM; ACS hospital admissions—2009 5% Medicare SAF.

Commercially Insured and Medicare Spending per Enrollee, Relative to U.S. Median Spending for Each Population

Commercial Spending

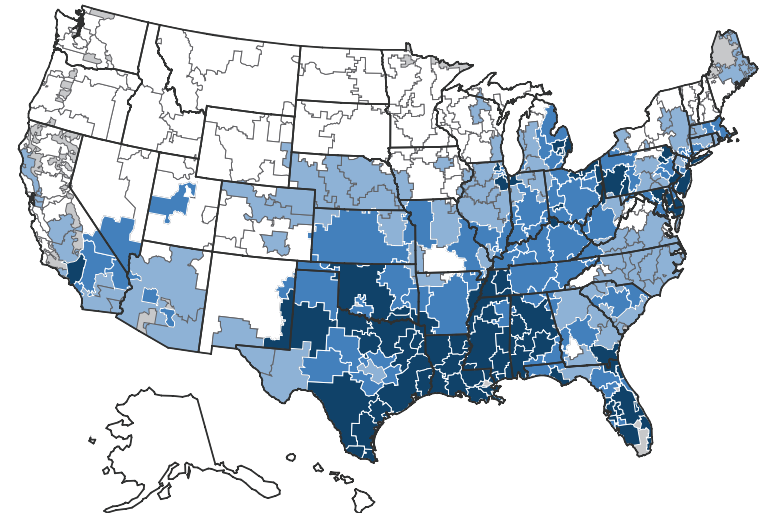
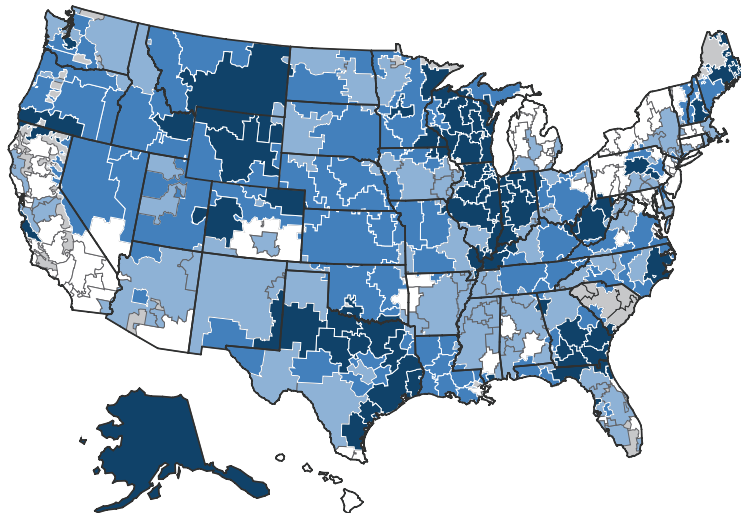
Expressed as ratio to median commercial spending

- 0.61–0.89 (71 HRRs)
- 0.90–0.99 (79)
- 1.00–1.09 (80)
- 1.10–1.53 (71)
- Not Populated or Missing Data (5)

Medicare Spending

Expressed as ratio to median Medicare spending

- 0.63–0.89 (81 HRRs)
- 0.90–0.99 (72)
- 1.00–1.09 (75)
- 1.10–2.00 (78)
- Not Populated

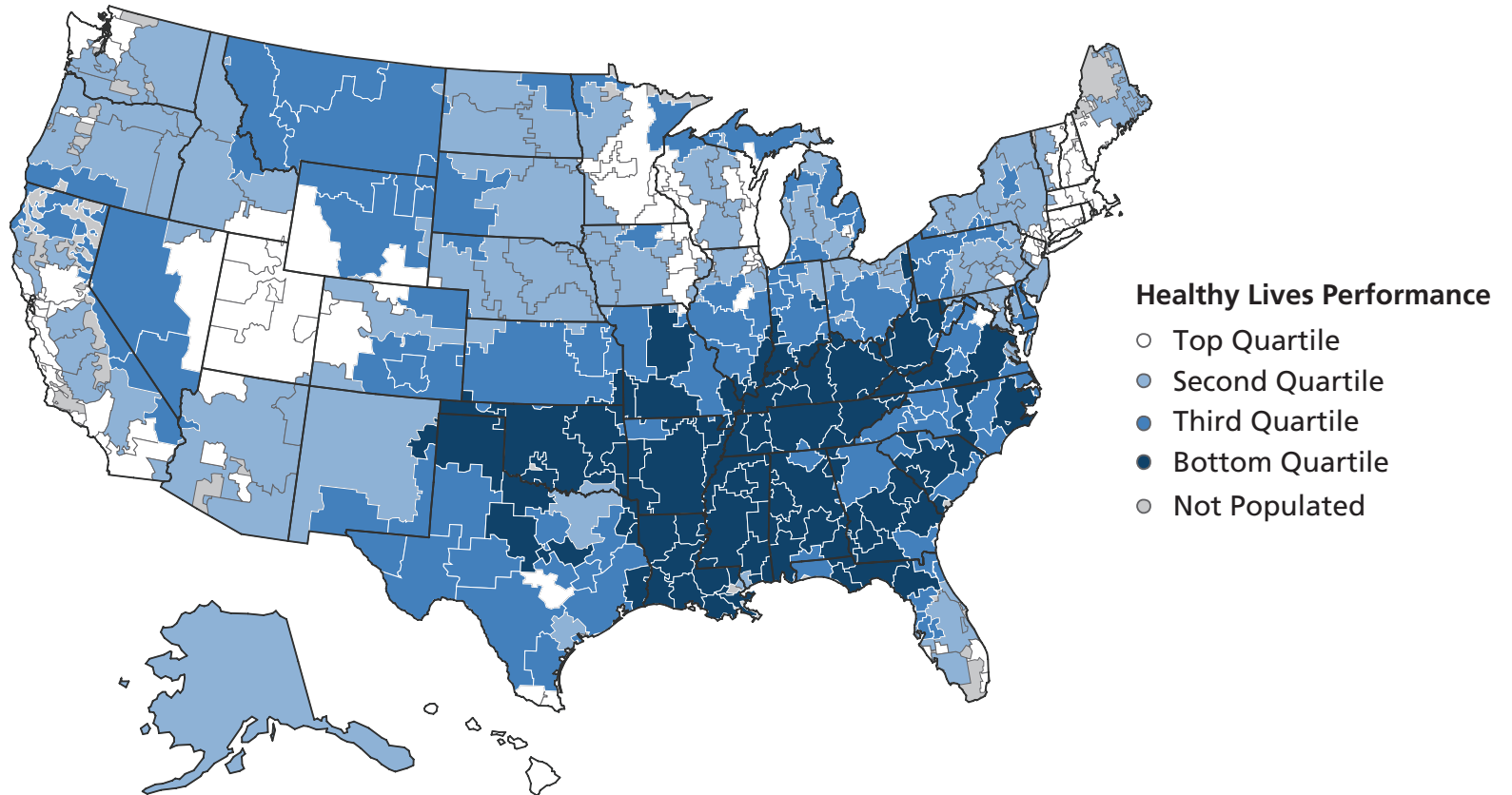


HRR = hospital referral region.

Data: Commercial – 2009 Thomson Reuters MarketScan Database, analysis by M.Chernew, Harvard Medical School. Medicare – 2008 Medicare claims as reported by IOM.

Note: Ratio values lower than 1.0 indicate lower than median spending, ratio values higher than 1.0 indicate higher than median spending. Median spending is determined separately for the commercially insured (ages 18–64) and Medicare populations (age 65 and older).

Overall Performance on Healthy Lives Dimension



Mortality Amenable to Health Care

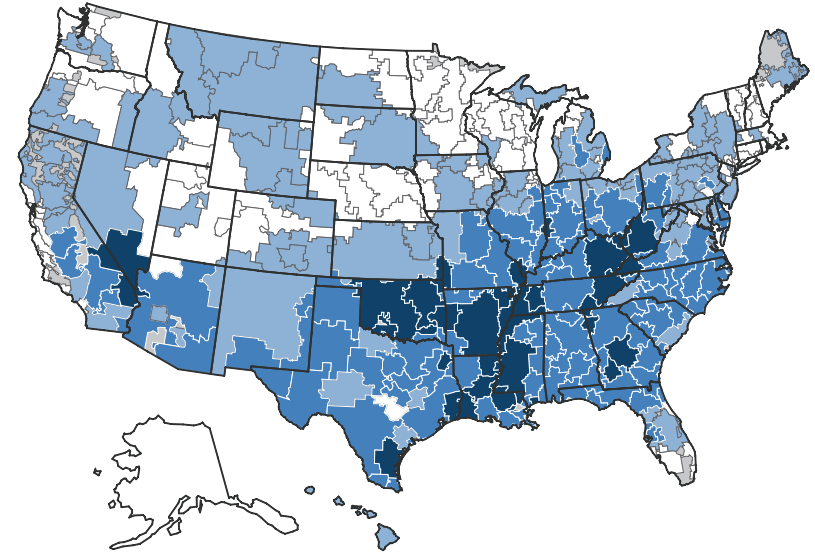
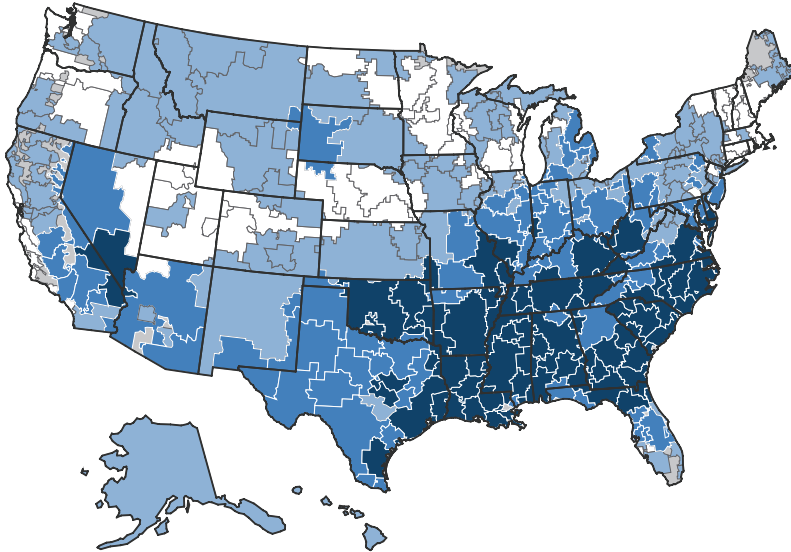
Deaths per 100,000 Population, 2005–2007

All Races

- 51.5–74.9 (50 HRRs)
- 75.0–89.9 (95)
- 90.0–109.9 (87)
- 110.0–169.0 (74)
- Not Populated

White Race

- 51.2–74.9 (82 HRRs)
- 75.0–89.9 (96)
- 90.0–109.9 (96)
- 110.0–136.6 (32)
- Not Populated

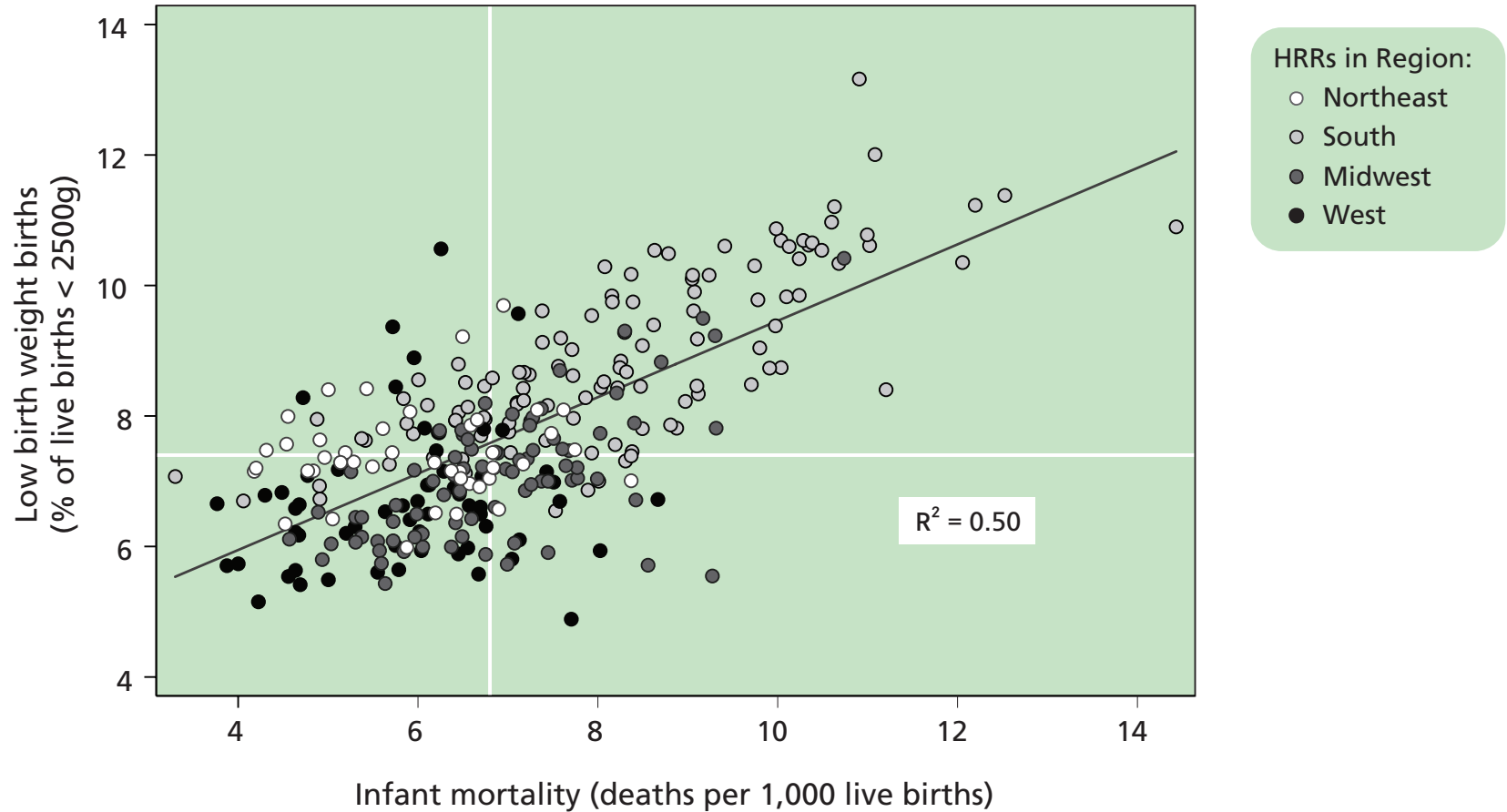


HRR = hospital referral region.

Data for this indicator come from county-level 2005–07 NVSS-M data files, aggregated to the HRR level, for most HRRs. Estimates for the Anchorage, AK, and Honolulu, HI, HRRs represent state-level data and are compiled from years 2006–07.

Data: 2005–07 NVSS-M.

Low Birth Weight and Infant Mortality



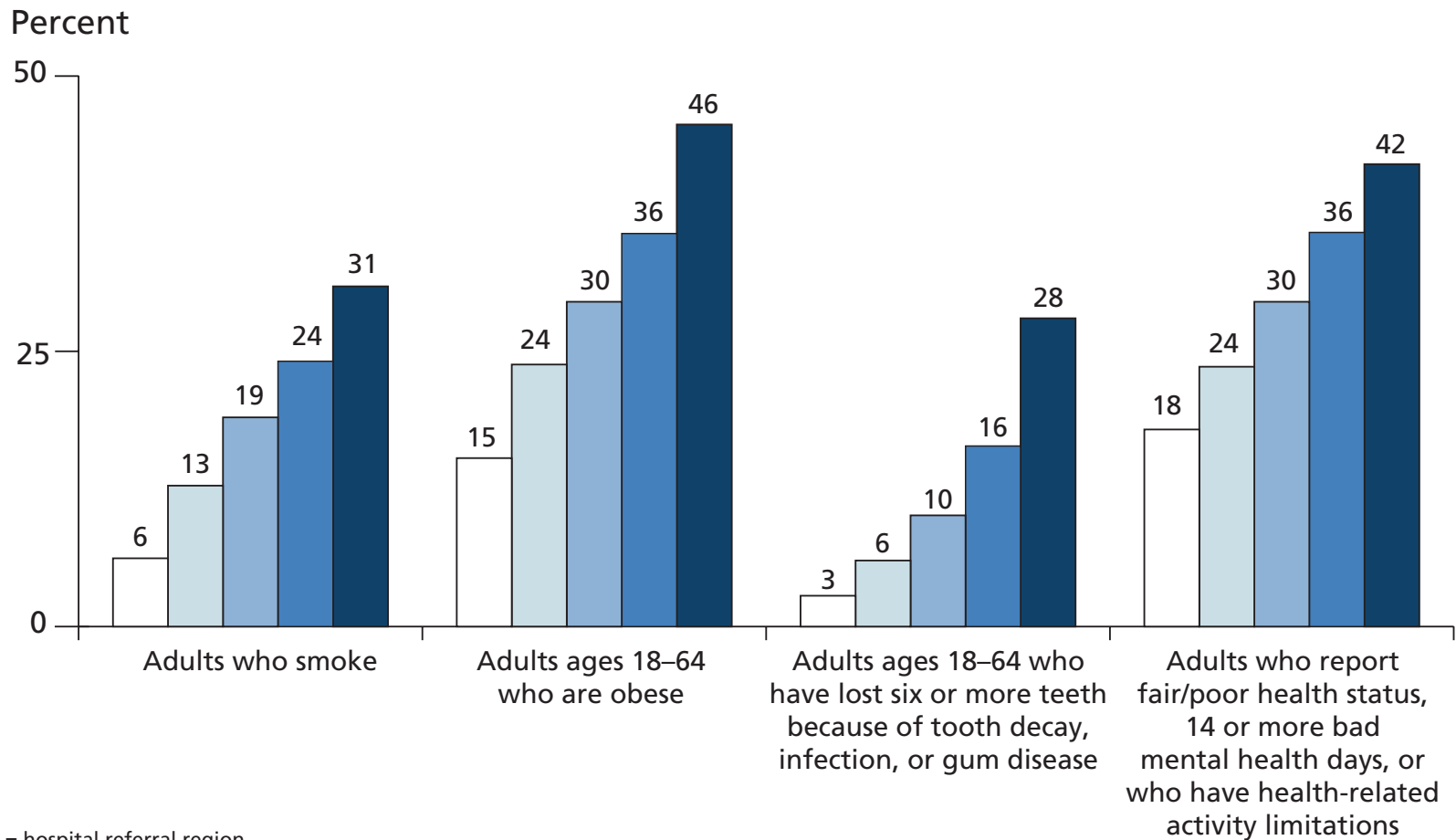
HRR = hospital referral region.

Data: 1996–2005 NVSS-M, as reported by Community Health Status Indicators (CHSI).

Note: CHSI data are reported at the county level. Counties with small populations require more years of data for stable estimates. HRR level estimates can, but do not necessarily, include data from each year between 1996–2005, depending on the population sizes in the counties in the HRR.

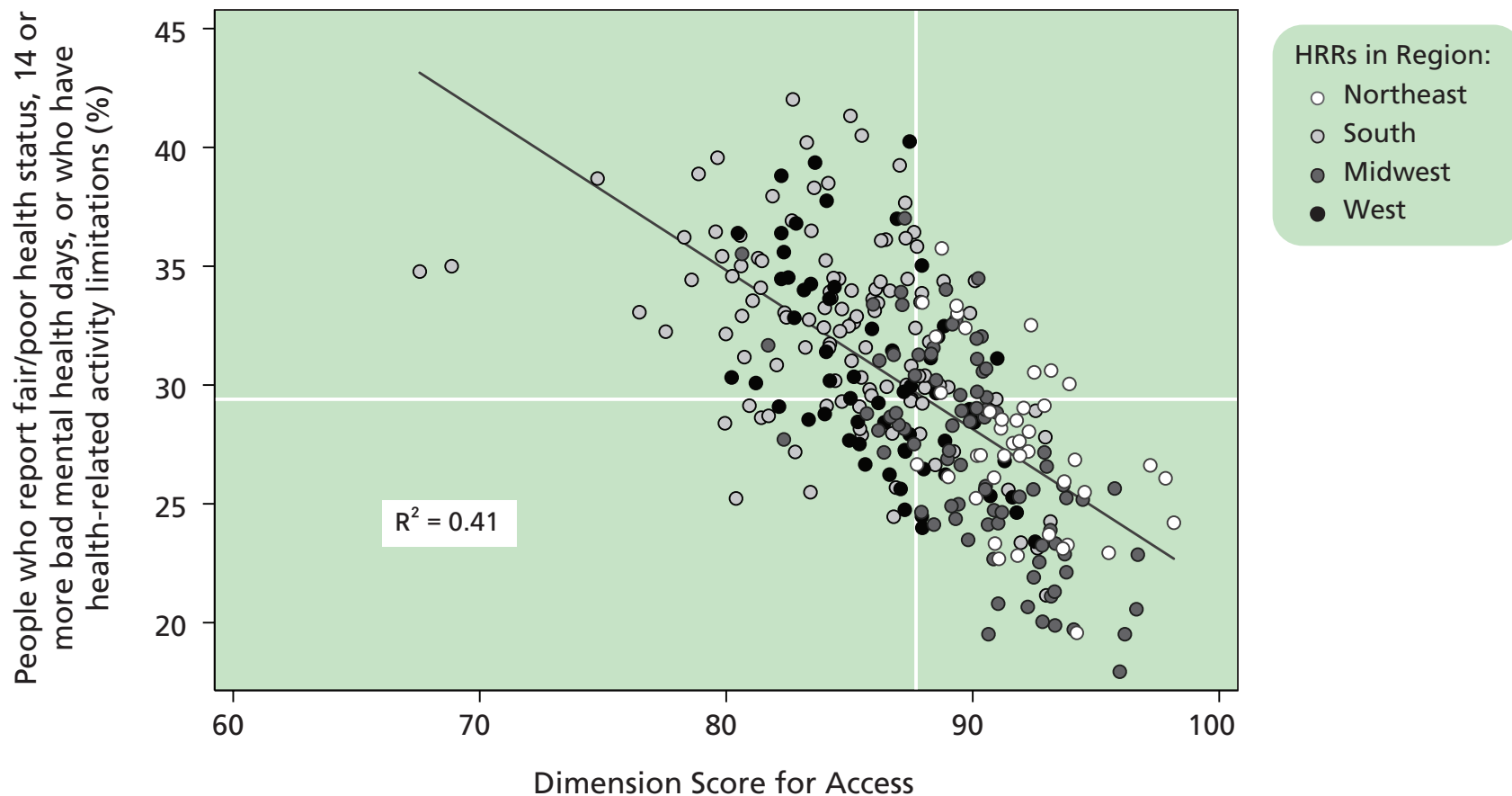
Local Variation: Healthy Lives Indicators

□ Best HRR □ Top 10th percentile □ All-HRR median □ Bottom 90th percentile ■ Worst HRR



HRR = hospital referral region
Data: 2009–10 BRFSS.

Poor Health-Related Quality of Life and Access Dimension Score



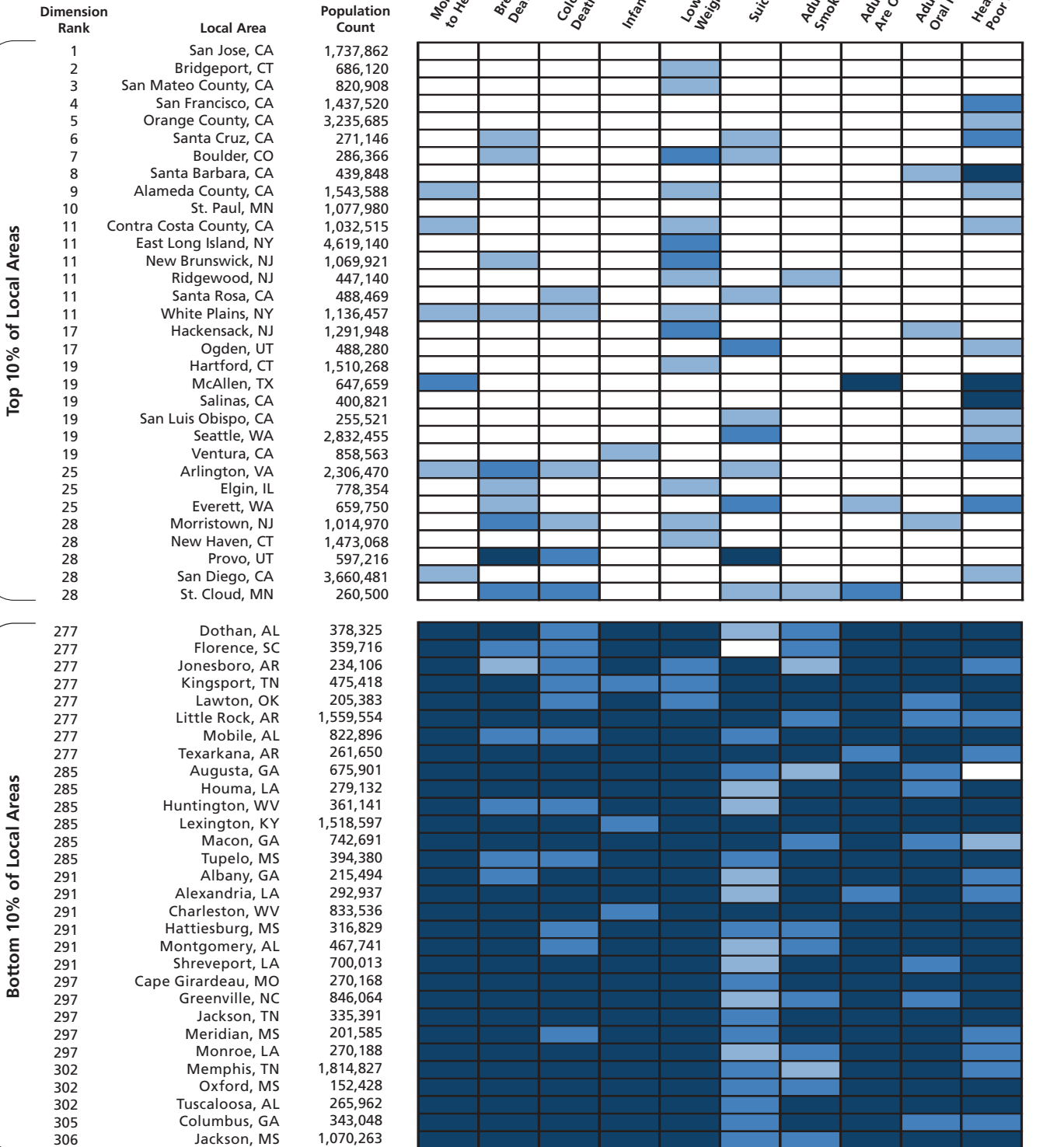
HRR = hospital referral region.

Data: Adults reporting poor health or health-related limitations—2009–10 BRFSS.

Performance of Top and Bottom 10 Percent of Hospital Referral Regions

Performance Quartile

- Top Quartile
- Second Quartile
- Third Quartile
- Bottom Quartile



Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.

The Health System Experience in Select Cities[†]

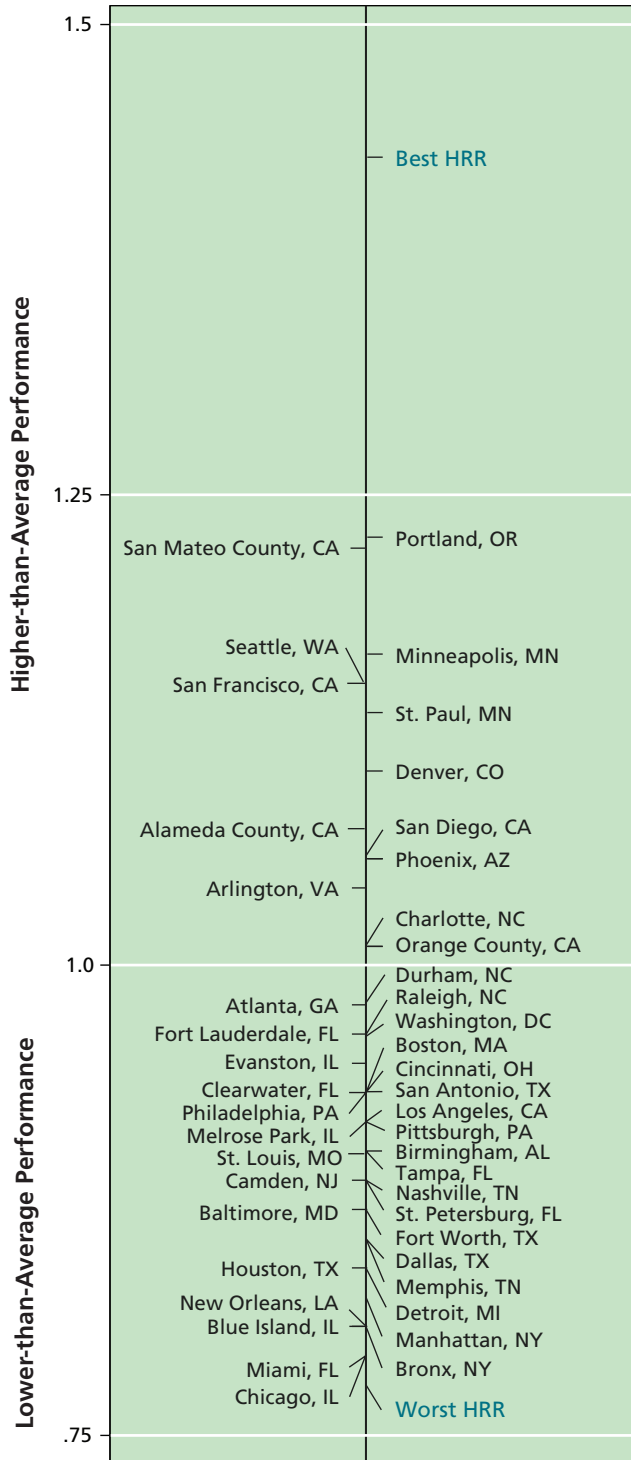
Local Area			Population Count	Overall	Access	Prevention & Treatment	Potentially Avoidable Hospital Use & Cost	Healthy Lives
NORTHEAST								
MA	Boston		4,825,960					
NY	New York City Area	Bronx	1,381,167					
		Manhattan	5,107,497					
PA	Pittsburgh		2,913,805					
	Philadelphia Area	Camden, NJ	2,826,905					
		Philadelphia	4,186,372					
MIDWEST								
IL	Chicago Area	Blue Island	804,980					
		Chicago	2,684,751					
		Evanston	939,064					
		Melrose Park	1,263,506					
MI	Detroit		1,797,778					
MN	Minneapolis		3,237,168					
	St. Paul		1,077,980					
MO	St. Louis		3,418,466					
OH	Cincinnati		1,666,017					
WEST								
AZ	Phoenix		3,250,646					
CA	Los Angeles Area	Orange County	3,235,685					
		Los Angeles	9,874,390					
	San Diego		3,660,481					
	San Francisco Bay Area	Alameda County	1,543,588					
		San Mateo County	820,908					
		San Francisco	1,437,520					
CO	Denver		2,811,835					
OR	Portland		2,678,718					
WA	Seattle		2,832,455					
SOUTH								
AL	Birmingham		2,300,344					
DC	District of Columbia Area	Arlington, VA	2,306,470					
		Baltimore, MD	2,519,510					
		Washington, DC	2,651,966					
FL	Fort Lauderdale		2,821,280					
	Miami		3,134,285					
	Tampa Area	Clearwater	492,609					
		St. Petersburg	423,910					
		Tampa	1,369,627					
GA	Atlanta		6,235,550					
LA	New Orleans		639,673					
NC	Charlotte		2,463,839					
	Durham		1,369,067					
	Raleigh		2,042,645					
TN	Memphis		1,814,827					
	Nashville		2,784,531					
TX	Dallas		4,840,913					
	Fort Worth		2,174,455					
	Houston		6,369,027					
	San Antonio		2,716,484					

Performance Quartile

- Top Quartile
- Second Quartile
- Third Quartile
- Bottom Quartile

[†] Local regions were selected for inclusion if they approximated the largest metropolitan statistical areas (MSAs) by population per census regions based on April 1, 2010, United States Census Data. Please note that referral areas do not exactly match with MSAs and population estimates between these two geographic areas may differ. The Manhattan area includes Manhattan, Brooklyn, and Staten Island.

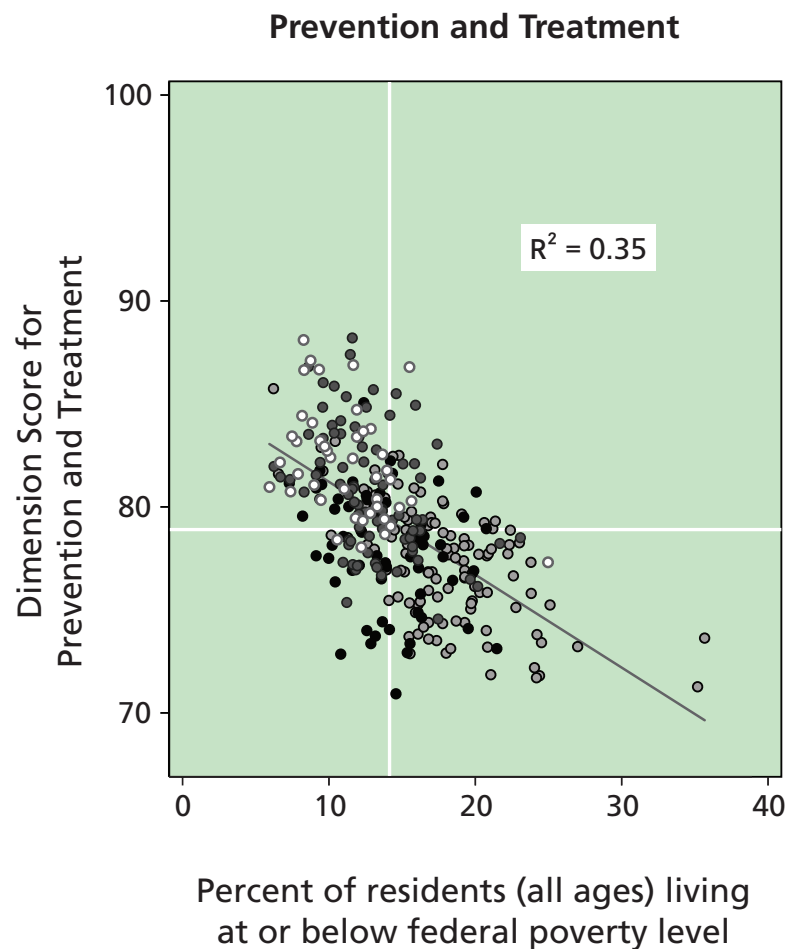
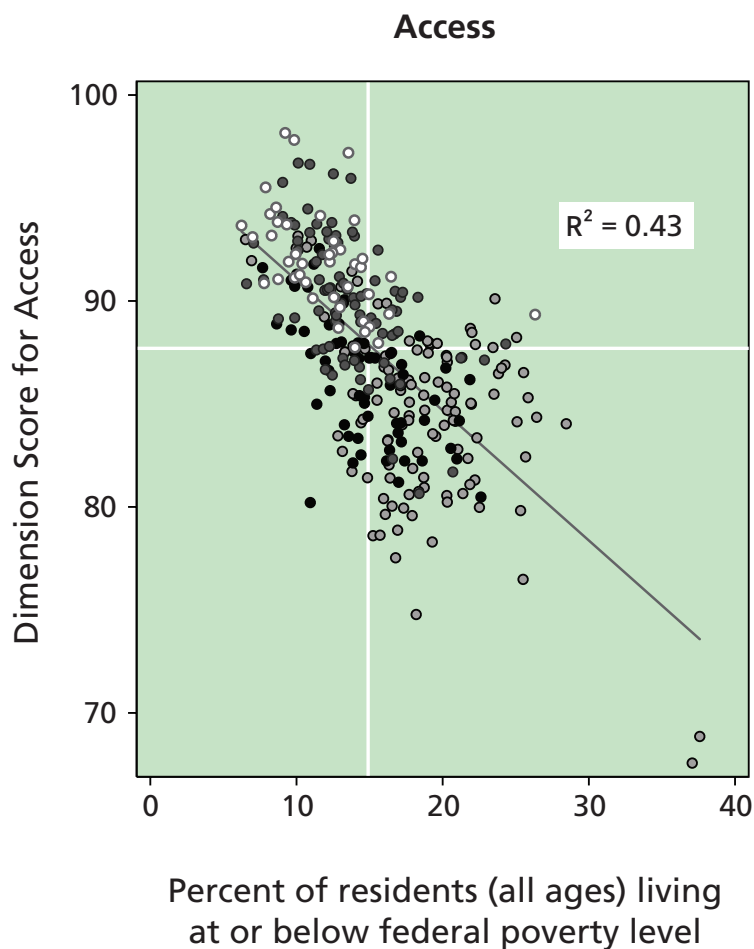
Performance on Potentially Avoidable Hospital Use and Cost in the Nation's Largest Metropolitan Areas Relative to the National Average



Note: Each HRR's potentially avoidable hospital use and cost dimension summary score was divided by the all-average dimension summary score for all HRRs. A value of 1.0 indicates average performance in this dimension, values lower than 1.0 indicate lower-than average performance, and values higher than 1.0 indicate higher-than-average performance.

Performance Is Lower in Places with a Higher Proportion of Residents Living in Poverty

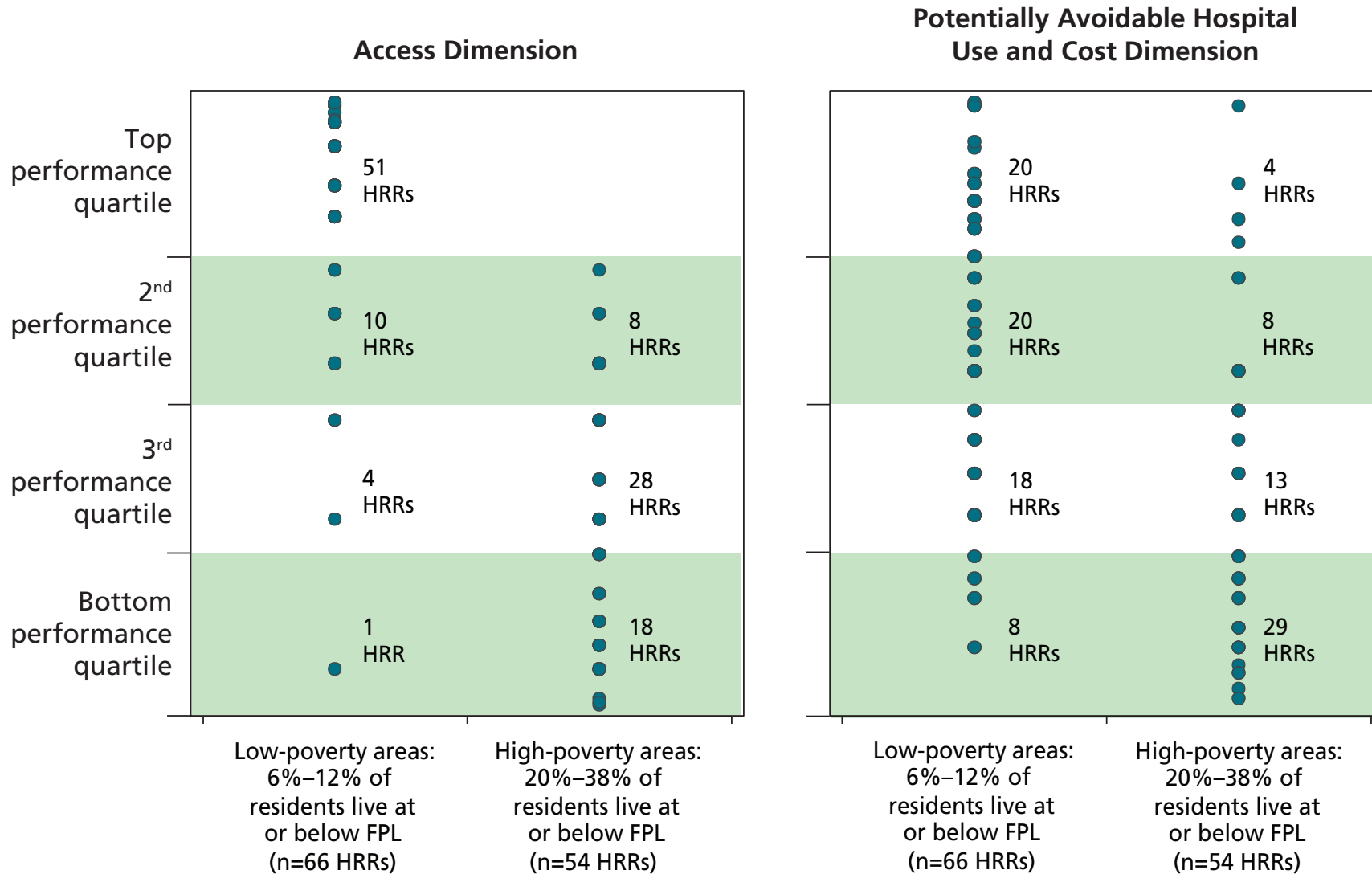
○ Northeast ○ South ● Midwest ● West



Note: Each dot represents one of 306 hospital referral regions.

Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.

Dimension Rankings Among Low-Poverty and High-Poverty Areas



HRR = hospital referral region; FPL = federal poverty level.

National Cumulative Impact if All Local Areas Achieved Top 1 Percent of Regional Performance

Indicator	If all local areas improved their performance to the level of the best-performing (top 1 percentile) areas for this indicator, then:	
Insured adults	25,565,997	more adults (ages 18–64) would be covered by health insurance (public or private), and therefore would be more likely to receive health care when needed.
Insured children	4,586,316	more children (ages 0–17) would be covered by health insurance (public or private), and therefore would be more likely to receive health care when needed.
Adults with a usual source of care	25,002,702	more adults (age 18 and older) would have a usual source of care to help ensure that care is coordinated and accessible when needed.
Adult preventive care	9,432,924	more adults (age 50 and older) would receive recommended preventive care, such as colon cancer screenings, mammograms, Pap tests, and flu shots at appropriate ages.
Avoidable hospital admissions	883,209 \$6.8 billion	fewer hospitalizations for ambulatory care–sensitive conditions would occur among Medicare beneficiaries (age 65 and older), and dollars would be saved from the reduction in hospitalizations.
Medicare readmissions	463,708	fewer hospital readmissions would occur among Medicare beneficiaries (age 65 and older).
Hospitalization of nursing home residents	140,795 \$1.3 billion	fewer long-stay nursing home residents would be hospitalized, and dollars would be saved from the reduction in hospitalizations.
Inappropriate drug prescribed	1,293,296	fewer Medicare beneficiaries would receive an inappropriately prescribed medication.

Source: Commonwealth Fund Scorecard on Local Health System Performance, 2012.