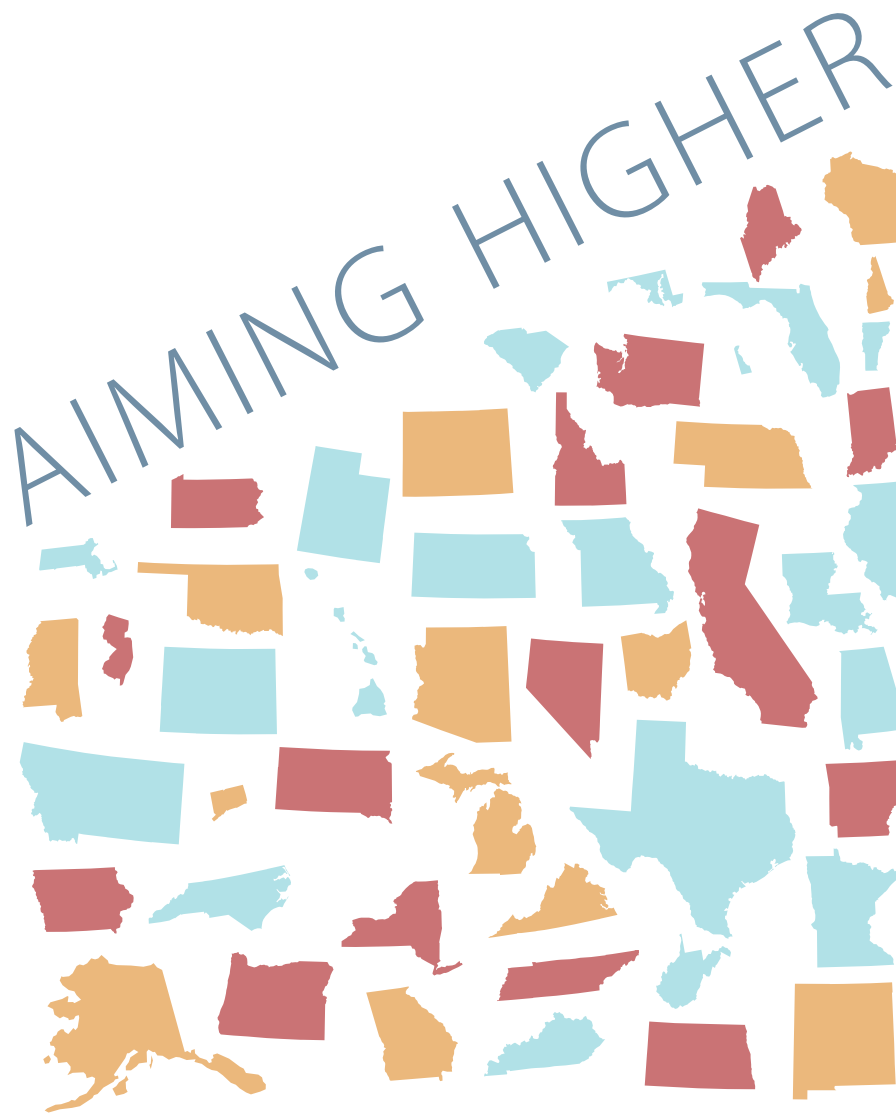


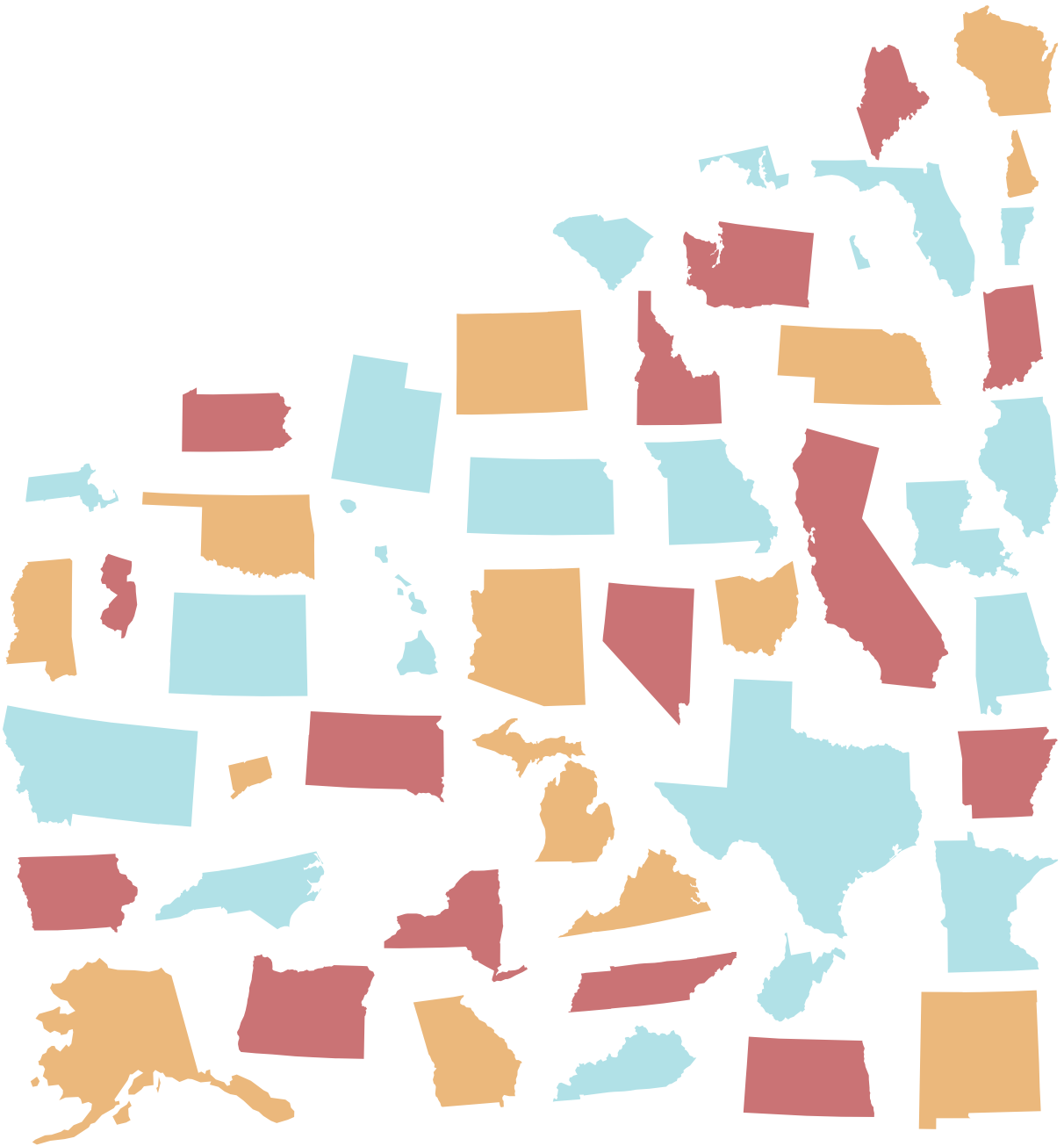
# SUPPLEMENTAL DATA TABLES



Results from a Scorecard on State Health System Performance, 2014

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## SCORECARD METHODOLOGY

The Commonwealth Fund's *Scorecard on State Health System Performance, 2014*, evaluates 42 key indicators grouped into four dimensions (Exhibit 2):

- ◇ **Access and Affordability** (six indicators): includes rates of insurance coverage for children and adults, as well as individuals' out-of-pocket expenses for medical care and cost-related barriers to receiving care.
- ◇ **Prevention and Treatment** (16 indicators): includes measures of receiving preventive care and the quality of care in ambulatory, hospital, and long-term care and postacute settings.
- ◇ **Potentially Avoidable Hospital Use and Cost** (nine indicators, with one indicator, hospital admissions for ambulatory care-sensitive conditions, reported separately for two distinct age groups): includes indicators of hospital use that might have been reduced with timely and effective care and follow-up care, as well as estimates of per-person spending among Medicare beneficiaries and the cost of employer-sponsored insurance.
- ◇ **Healthy Lives** (11 indicators): includes indicators that measure premature death and health risk behaviors.

In addition, the **Equity** dimension includes differences in performance associated with patients' income level (nine indicators) or race or ethnicity (10 indicators) that span the four other dimensions of performance.

The following principles guided the development of the *Scorecard*:

**Performance Metrics.** The 42 performance metrics selected for this report span the health care system, representing important dimensions of care. Where possible, indicators align with those used in previous state scorecards. Since the 2009 *Scorecard*, several indicators have been dropped either because all states improved to the point where no meaningful variations existed or the data to construct the measures were no longer available. Several new indicators have been added, including measures of premature death, out-of-pocket spending on medical care relative to income, and potentially avoidable emergency department use.

**Measuring Change over Time.** We were able to construct a time series for 34 of 42 indicators. There was generally five years between a historical and current year data observation, though the starting and ending points, as well as total length of time, varied somewhat between indicators. We considered a change in an indicator's value between the historical and current year data points to be meaningful if it was at least one half (0.5) of a standard deviation larger than the indicator's combined distribution over the two time points—a common approach in social science research.<sup>38</sup>

**Data Sources.** Indicators draw from publicly available data sources, including government-sponsored surveys, registries, publicly reported quality indicators, vital statistics, mortality data, and administrative databases. The most current data available were used in this report. [Appendix B](#) provides detail on the data sources and time frames.

**Scoring and Ranking Methodology.** The scoring method follows previous state scorecards. States are first ranked from best to worst on each of the 42 performance indicators. We averaged rankings for indicators within each dimension to determine a state's dimension rank and then averaged dimension rankings to determine overall ranking. This approach gives each dimension equal weight, and within dimensions weights indicators equally. Ranking in the earlier period (i.e., revised 2009 data) was based on 34 of 42 indicators; if historical data were not available for a particular indicator, the most current year of data available was used as a substitute ensuring that ranks in each time period were based on the same number of indicators and as similar as possible.

Appendix Exhibit A4. Access & Affordability: Dimension Ranking and Indicator Rates

	Adults ages 19–64 uninsured		Children ages 0–18 uninsured		Adults who went without care because of cost in the past year			Individuals with high out-of-pocket medical spending	At-risk adults without a routine doctor visit in past two years		Adults without a dental visit in the past year					
	2007–08	2011–12	2007–08	2011–12	2007	2012		2011–12	2007	2012	2006	2012				
<b>United States</b>	19%	21%		10%	10%		13%	17%	**	16%	14%	14%		15%	15%	
Alabama	16	19	*	6	8	*	15	20	**	19	11	13	*	15	18	**
Alaska	23	23		13	14		14	14		15	21	19	*	16	14	*
Arizona	23	23		15	14		13	20	**	16	15	17	*	16	17	
Arkansas	24	26		8	9		16	21	**	20	20	17	*	16	19	**
California	24	25		11	11		13	17	**	15	16	16		16	16	
Colorado	19	20		13	9	**	13	16	*	17	20	18	*	13	16	**
Connecticut	12	11		6	5		9	12	*	12	11	10		10	11	
Delaware	14	14		8	8		11	13	*	13	7	6		10	12	*
District of Columbia	12	11		6	4	*	10	12	*	10	9	7	*	16	16	
Florida	25	29	*	18	14	**	15	21	**	17	10	15	**	15	18	**
Georgia	22	26	*	11	12		16	20	**	17	14	14		13	16	**
Hawaii	10	11		5	4		6	9	*	15	15	15		14	15	
Idaho	20	23	*	10	11		17	18		22	21	23	*	15	13	*
Illinois	17	20	*	7	7		13	14		16	16	15		16	15	
Indiana	16	18		5	8	*	12	16	**	16	15	17	*	13	15	*
Iowa	12	14		5	6		8	11	*	14	13	13		12	12	
Kansas	16	19	*	9	8		11	15	**	16	14	12	*	13	13	
Kentucky	20	21		9	8		16	19	*	17	13	14		18	16	*
Louisiana	26	28		12	10	*	17	18		18	8	11	*	18	20	*
Maine	13	14		5	5		10	11		15	12	11		12	13	
Maryland	16	17		8	9		11	11		12	12	8	**	13	13	
Massachusetts	7	5		3	3		7	9	*	11	8	6	*	10	11	
Michigan	16	17		5	5		11	15	**	14	13	14		11	14	**
Minnesota	10	11		6	7		9	11	*	10	11	12		9	11	*
Mississippi	24	22		13	9	**	18	22	**	21	16	15		18	20	*
Missouri	16	19	*	9	11	*	14	15		15	16	16		17	15	*
Montana	20	26	**	12	12		13	15	*	18	21	20		15	17	**
Nebraska	15	17		9	9		10	13	*	14	17	18		12	15	**
Nevada	21	29	**	16	20	**	14	19	**	17	22	15	**	16	20	**
New Hampshire	14	17	*	5	7	*	10	13	*	11	12	10	*	10	10	
New Jersey	18	21	*	11	8	*	12	15	*	14	10	10		14	14	
New Mexico	29	29		16	13	*	15	19	**	19	18	20	*	17	18	
New York	17	16		8	6	*	12	15	*	14	12	11		15	15	
North Carolina	21	24	*	11	9	*	17	19	*	19	13	12		16	14	*
North Dakota	14	14		8	5	*	6	9	*	13	15	14		11	14	**
Ohio	15	18	*	7	8		12	14	*	17	14	13		12	14	*
Oklahoma	22	25	*	10	8	*	18	18		15	23	20	*	19	18	
Oregon	21	21		11	7	**	12	18	**	19	17	19	*	14	15	
Pennsylvania	12	15	*	7	8		9	13	**	13	12	12		12	13	
Rhode Island	14	17	*	8	7		10	13	*	13	7	8		10	12	*
South Carolina	20	22		14	12	*	15	21	**	17	14	16	*	17	18	
South Dakota	15	19	*	9	8		9	11	*	14	16	15		13	11	*
Tennessee	20	19		9	7	*	15	19	**	20	8	10	*	17	17	
Texas	31	32		20	16	**	19	21	*	17	15	18	*	20	18	*
Utah	15	20	*	10	10		12	15	*	22	22	20	*	15	16	
Vermont	13	11		7	5	*	10	10		13	14	13		12	11	
Virginia	17	18		9	6	*	11	15	**	13	14	12	*	13	12	
Washington	15	20	*	7	7		12	15	*	16	17	18		13	14	
West Virginia	21	20		5	9	**	17	19	*	17	10	11		14	18	**
Wisconsin	12	14		6	6		8	13	**	14	15	9	**	11	12	
Wyoming	18	22	*	9	10		12	15	*	19	23	20	*	14	14	
<b>Change</b>		20			23			42		—		25			25	
States Improved		0			17			0		—		14			7	
States Worsened		20			6			42		—		11			18	

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

Appendix Exhibit A6. Prevention & Treatment: Dimension Ranking and Indicator Rates

	Adults with a usual source of care			Older adults with recommended preventive care			Children with a medical home			Children with a medical and dental preventive care visit in the past year	Children who received needed mental health care in the past year	
	2007	2012		2006	2012		2007	2011/12		2011/12	2007	2011/12
United States	80%	78%		44%	42%	*	58%	54%	*	68%	60%	61%
Alabama	82	80		39	43	*	56	54		70	62	54
Alaska	72	63	**	40	39		52	52		59	63	63
Arizona	76	75		42	35	**	50	46	*	65	62	60
Arkansas	84	78	**	37	34	*	61	55	**	62	56	67
California	72	73		38	41	*	50	45	*	65	54	63
Colorado	79	77		47	44	*	59	55	*	70	65	65
Connecticut	87	86		51	47	*	62	58	*	79	79	65
Delaware	90	87	*	52	48	*	60	56	*	72	77	67
District of Columbia	80	79		43	44		50	50		77	56	59
Florida	78	76		41	39	*	57	50	**	60	52	58
Georgia	80	75	*	45	46		58	52	**	65	51	53
Hawaii	88	85	*	41	44	*	60	57	*	73	63	58
Idaho	73	71		37	35	*	56	57		59	63	56
Illinois	82	83		38	39		56	56		74	53	55
Indiana	84	82		39	37	*	62	58	*	69	64	58
Iowa	84	83		46	45		67	67		70	75	66
Kansas	84	79	*	43	45	*	61	59		70	72	72
Kentucky	85	81	*	43	41	*	62	56	**	68	66	66
Louisiana	79	77		38	41	*	55	56		67	55	40
Maine	89	88		49	47	*	66	63	*	73	71	78
Maryland	84	84		50	48	*	59	57		73	59	59
Massachusetts	89	89		50	52	*	66	63	*	79	67	65
Michigan	86	84		51	45	**	63	59	*	68	60	68
Minnesota	80	76	*	52	47	**	63	61		60	67	72
Mississippi	77	74	*	37	38		52	49	*	60	43	53
Missouri	84	79	*	46	43	*	65	62	*	65	74	63
Montana	72	73		45	36	**	62	58	*	61	68	60
Nebraska	84	82		42	41		69	61	**	70	71	71
Nevada	72	67	*	40	37	*	45	45		56	53	49
New Hampshire	88	88		49	48		69	67		79	63	66
New Jersey	86	83	*	44	41	*	57	53	*	76	55	58
New Mexico	75	70	*	39	36	*	49	48		70	53	58
New York	84	83		46	44	*	57	53	*	73	61	64
North Carolina	78	76		48	46	*	61	55	**	67	62	54
North Dakota	78	74	*	43	42		64	62		61	72	86
Ohio	85	81	*	46	41	**	66	57	**	71	66	66
Oklahoma	79	76	*	36	38	*	56	56		62	54	61
Oregon	78	78		44	39	**	63	57	**	63	46	66
Pennsylvania	90	87	*	45	44		62	59	*	73	81	69
Rhode Island	85	87		51	46	**	64	60	*	76	76	66
South Carolina	82	78	*	43	42		59	54	*	64	63	50
South Dakota	81	78	*	46	43	*	63	62		59	69	64
Tennessee	85	79	**	46	41	**	61	60		70	64	60
Texas	72	68	*	40	39		50	52		68	42	59
Utah	78	74	*	40	40		63	64		61	67	49
Vermont	87	88		49	47	*	67	69		81	69	78
Virginia	80	78		51	46	**	59	57		70	72	53
Washington	79	77		46	43	*	60	59		72	62	54
West Virginia	79	76	*	43	44		65	61	*	74	72	74
Wisconsin	86	82	*	47	43	*	63	66	*	68	61	65
Wyoming	74	69	*	38	36	*	59	59		65	68	67
<b>Change</b>		25			37			28		—		34
States Improved		0			7			1		—		14
States Worsened		25			30			27		—		20

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

Appendix Exhibit A6. Prevention & Treatment: Dimension Ranking and Indicator Rates (continued)

	Children ages 19–35 months with all recommended vaccines			Elderly patients who received a high-risk prescription drug			Elderly patients who received a contraindicated prescription drug			Medicare patients experienced good communication with provider		
	2009	2012		2007	2011		2007	2011		2007	2013	
<b>United States</b>	44%	68%	**	29%	20%	**	20%	23%	*	75%	76%	*
Alabama	47	71	**	42	29	**	27	29	*	75	74	*
Alaska	53	60	*	26	19	*	16	21	**	75	76	*
Arizona	37	68	**	28	19	**	18	18		72	74	*
Arkansas	34	66	**	40	25	**	23	26	*	75	72	**
California	50	67	**	26	19	*	20	22	*	72	74	*
Colorado	47	72	**	26	19	*	18	19		75	76	*
Connecticut	34	77	**	20	14	*	17	17		74	77	**
Delaware	39	73	**	26	18	**	19	16	*	78	79	*
District of Columbia	48	73	**	19	17		14	19	**	75	79	**
Florida	49	69	**	30	19	**	20	22	*	73	76	**
Georgia	46	75	**	39	25	**	25	24		72	76	**
Hawaii	47	80	**	22	21		15	18	*	77	77	
Idaho	34	63	**	32	22	**	21	24	*	73	74	*
Illinois	54	69	**	24	15	**	17	19	*	—a	77	
Indiana	43	61	**	32	20	**	21	22		75	76	*
Iowa	42	75	**	22	15	*	17	19	*	75	75	
Kansas	46	65	**	30	20	**	21	22		76	75	*
Kentucky	43	68	**	36	26	**	26	27		73	77	**
Louisiana	54	69	**	41	28	**	25	26		77	80	**
Maine	38	73	**	21	13	**	14	14		77	77	
Maryland	45	67	**	23	16	*	19	19		75	76	*
Massachusetts	33	74	**	16	12	*	15	16		75	77	*
Michigan	52	71	**	27	16	**	18	20	*	75	75	
Minnesota	42	66	**	19	13	*	15	17	*	77	78	*
Mississippi	59	78	**	44	29	**	26	27		77	78	*
Missouri	31	64	**	32	20	**	21	23	*	72	77	**
Montana	39	67	**	26	17	**	22	22		76	77	*
Nebraska	38	73	**	29	18	**	20	21		73	79	**
Nevada	39	65	**	28	21	*	17	20	*	74	73	*
New Hampshire	39	80	**	21	14	*	18	20	*	74	78	**
New Jersey	45	72	**	21	15	*	18	20	*	74	76	*
New Mexico	46	72	**	30	22	**	19	23	**	72	73	*
New York	48	64	**	18	13	*	16	18	*	75	75	
North Carolina	40	75	**	35	23	**	22	23		74	76	*
North Dakota	43	72	**	23	14	**	15	16		71	73	*
Ohio	45	67	**	29	19	**	21	22		74	76	*
Oklahoma	52	61	*	39	27	**	25	27	*	70	76	**
Oregon	44	67	**	28	19	**	18	19		72	74	*
Pennsylvania	39	68	**	24	15	**	17	19	*	77	78	*
Rhode Island	29	73	**	19	14	*	15	16		78	77	*
South Carolina	35	72	**	38	24	**	24	24		78	77	*
South Dakota	43	64	**	25	13	**	17	18		73	77	**
Tennessee	45	73	**	39	27	**	26	26		75	75	
Texas	41	65	**	36	23	**	22	23		74	75	*
Utah	41	73	**	29	21	**	22	26	**	69	75	**
Vermont	23	63	**	17	12	*	14	17	*	75	75	
Virginia	40	70	**	30	20	**	20	21		75	75	
Washington	36	65	**	25	19	*	18	19		70	74	**
West Virginia	30	61	**	30	22	**	18	22	**	74	73	*
Wisconsin	39	75	**	20	13	*	15	16		75	78	**
Wyoming	44	67	**	30	17	**	21	18	*	71	74	**
<b>Change</b>		51			49			25			42	
States Improved		51			49			2			35	
States Worsened		0			0			23			7	

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.

(a) Previous data are not shown because of changes in the indicators' definitions or data were not available.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

Appendix Exhibit A6. Prevention & Treatment: Dimension Ranking and Indicator Rates (continued)

	Hospital 30-day mortality			Hospital discharge instructions for home recovery			Patient-centered hospital care			Home health patients who get better at walking or moving around	Home health patients whose wounds healed after an operation	High-risk nursing home residents with pressure sores	Nursing home residents with an antipsychotic medication
	07/2005–06/2008	07/2008–06/2011		2007	2011		2007	2011		04/2012–03/2013	04/2012–03/2013	07/2012–03/2013	04/2012–03/2013
<b>United States</b>	<b>13%</b>	<b>13%</b>		<b>79%</b>	<b>83%</b>	<b>**</b>	<b>62%</b>	<b>66%</b>	<b>**</b>	<b>59%</b>	<b>89%</b>	<b>6%</b>	<b>22%</b>
Alabama	12.6	13.1	**	87	81	**	69	67	*	63	92	6	25
Alaska	12.4	12.9	**	82	85	*	63	67	**	49	82	5	13
Arizona	12.5	12.5		78	84	**	61	65	**	56	84	7	22
Arkansas	13.6	13.5		77	81	**	64	66	*	58	90	7	26
California	12.9	12.5	*	76	81	**	57	62	**	58	91	7	19
Colorado	12.1	12.3		81	86	**	63	68	**	60	89	5	19
Connecticut	12.1	12.4	*	80	82	*	61	63	*	57	89	5	24
Delaware	12.4	12.2		80	82	*	62	64	*	57	84	5	20
District of Columbia	11.8	12.2	*	76	77		55	57	*	58	95	9	18
Florida	12.5	12.7		75	81	**	55	61	**	63	92	6	23
Georgia	13.1	13.1		78	81	*	62	66	**	60	89	7	25
Hawaii	13.2	13.1		74	81	**	57	64	**	53	81	3	12
Idaho	13.4	12.9	**	82	87	**	62	69	**	60	90	4	23
Illinois	12.3	12.5		79	83	**	61	65	**	59	88	7	26
Indiana	12.8	12.9		81	84	*	64	67	*	58	88	7	22
Iowa	12.6	12.8		82	85	*	64	68	**	60	87	5	21
Kansas	12.3	12.6	*	79	85	**	63	69	**	59	86	6	24
Kentucky	12.5	13.0	**	79	83	**	64	68	**	62	91	7	24
Louisiana	12.7	13.0	*	79	83	**	66	71	**	59	93	9	29
Maine	12.8	12.9		84	86	*	67	70	*	62	88	5	24
Maryland	12.3	12.2		76	82	**	57	61	**	60	90	7	18
Massachusetts	11.9	11.9		84	86	*	63	66	*	62	91	5	24
Michigan	12.5	12.4		81	86	**	63	67	**	59	86	6	16
Minnesota	11.9	12.2	*	82	86	**	65	69	**	56	83	4	18
Mississippi	12.9	13.2	*	76	79	*	64	67	*	63	92	7	26
Missouri	12.6	12.7		80	84	**	62	65	*	60	88	6	25
Montana	12.0	12.5	**	78	82	**	64	66	*	55	91	5	20
Nebraska	12.6	12.7		82	87	**	66	69	*	57	83	5	23
Nevada	13.4	13.2		73	82	**	52	61	**	58	92	7	20
New Hampshire	13.8	13.3	**	85	88	*	67	69	*	58	86	4	24
New Jersey	12.4	12.3		75	79	**	59	61	*	62	91	9	17
New Mexico	12.6	12.7		77	81	**	61	66	**	58	91	7	21
New York	13.0	12.6	*	79	81	*	59	61	*	58	88	8	20
North Carolina	13.0	13.1		81	84	*	66	68	*	59	89	8	19
North Dakota	11.9	12.4	**	81	84	*	61	65	**	54	89	5	20
Ohio	12.6	12.6		80	85	**	62	66	**	59	88	6	25
Oklahoma	12.7	12.6		81	82		65	68	*	59	91	8	25
Oregon	13.4	13.3		81	84	*	64	66	*	55	89	7	20
Pennsylvania	12.6	12.6		79	83	**	61	64	*	61	86	6	21
Rhode Island	12.7	13.2	**	81	84	*	62	65	*	61	93	6	21
South Carolina	12.9	13.1		79	85	**	62	68	**	62	92	7	19
South Dakota	12.4	12.6		79	85	**	65	71	**	57	87	5	20
Tennessee	13.1	12.9		78	82	**	62	67	**	60	90	6	27
Texas	12.7	12.6		78	83	**	61	68	**	55	89	7	28
Utah	12.5	12.9	*	81	89	**	64	68	**	63	91	6	28
Vermont	14.1	13.6	**	84	87	*	68	68		58	86	5	23
Virginia	13.0	13.1		80	84	**	61	64	*	61	90	7	22
Washington	13.5	13.4		81	85	**	62	65	*	55	88	6	21
West Virginia	12.9	13.0		79	83	**	64	65		62	91	7	21
Wisconsin	12.9	12.9		84	87	*	67	69	*	56	87	5	18
Wyoming	12.0	12.8	**	84	86	*	66	68	*	56	88	5	18
<b>Change</b>		19		49			49			—	—	—	—
States Improved		5		48			48			—	—	—	—
States Worsened		14		1			1			—	—	—	—

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.  
 Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.



## Appendix Exhibit A8. Avoidable Hospital Use & Cost: Dimension Ranking and Indicator Rates

	Hospital admissions for pediatric asthma, per 100,000 children			Medicare admissions for ambulatory care–sensitive conditions, ages 65–74, per 1,000 beneficiaries			Medicare admissions for ambulatory care–sensitive conditions, age 75 and older, per 1,000 beneficiaries			Medicare 30-day hospital readmissions, per 1,000 beneficiaries		
	2004	2010		2008	2012		2008	2012		2008	2012	
<b>United States</b>	<b>156</b>	<b>130</b>	*	<b>36</b>	<b>29</b>	*	<b>85</b>	<b>70</b>	*	<b>58</b>	<b>49</b>	*
Alabama	—a	—a		47	38	**	100	81	**	64	50	**
Alaska	—a	54		26	21	*	68	52	**	34	29	
Arizona	131	121		24	20		62	51	*	47	38	*
Arkansas	117	70	**	41	35	*	103	82	**	59	51	*
California	105	93		26	21	*	70	55	*	49	43	*
Colorado	167	129	*	23	16	*	68	50	**	41	31	*
Connecticut	149	110	*	31	26	*	84	75	*	58	52	*
Delaware	—a	—a		26	27		69	68		51	42	*
District of Columbia	—a	—a		45	37	*	80	73		70	65	
Florida	183	147	*	31	28		76	68	*	57	54	
Georgia	145	91	**	37	31	*	85	73	*	51	45	*
Hawaii	88	56	*	20	13	*	48	41		31	26	
Idaho	—a	—a		23	17	*	63	45	**	30	26	
Illinois	129	116		40	31	**	95	73	**	74	58	**
Indiana	122	113		42	35	*	91	77	*	56	51	
Iowa	81	75		32	24	*	80	64	**	51	39	**
Kansas	147	142		36	27	**	90	70	**	55	43	**
Kentucky	213	184	*	56	50	*	110	100	*	71	63	*
Louisiana	—a	201		52	44	*	119	97	**	69	56	**
Maine	—a	62		30	26		76	65	*	48	39	*
Maryland	161	165		38	29	**	86	69	**	72	54	**
Massachusetts	143	179	*	39	30	**	97	80	**	67	54	**
Michigan	175	112	**	39	33	*	87	73	*	69	61	*
Minnesota	122	71	**	23	20		68	55	*	50	41	*
Mississippi	—a	—a		52	42	**	117	91	**	68	55	**
Missouri	171	159		40	31	**	91	73	**	64	51	**
Montana	—a	77		30	21	**	78	58	**	43	30	**
Nebraska	102	63	*	34	24	**	83	63	**	51	39	**
Nevada	125	112		30	24	*	73	60	*	48	41	*
New Hampshire	54	—a		31	23	*	75	64	*	43	36	*
New Jersey	176	159		36	27	**	88	73	*	71	57	**
New Mexico	—a	—a		28	23	*	69	58	*	38	33	
New York	284	223	**	35	28	*	88	73	*	69	59	*
North Carolina	131	119		35	29	*	78	67	*	51	45	*
North Dakota	—a	—a		31	23	*	76	65	*	45	41	
Ohio	114	136	*	43	38	*	94	82	*	67	59	*
Oklahoma	—a	149		47	38	**	101	80	**	59	49	*
Oregon	49	49		21	17		57	48	*	34	28	*
Pennsylvania	—a	183		36	31	*	89	74	*	66	54	**
Rhode Island	154	192	*	37	27	**	91	66	**	64	49	**
South Carolina	192	143	**	34	27	*	78	65	*	48	41	*
South Dakota	91	84		26	22		80	65	*	41	36	
Tennessee	156	101	**	47	37	**	104	84	**	64	53	*
Texas	159	108	**	38	31	*	92	76	**	54	46	*
Utah	81	66		20	17		46	42		29	28	
Vermont	43	26		27	22	*	70	65		36	33	
Virginia	152	115	*	32	27	*	76	71		52	48	
Washington	92	90		22	18		59	49	*	38	35	
West Virginia	171	117	**	53	49		111	98	*	71	64	*
Wisconsin	100	88		29	22	*	75	60	*	50	41	*
Wyoming	—a	123		33	24	**	79	62	**	43	34	*
<b>Change</b>		19			41			45			38	
States Improved		16			41			45			38	
States Worsened		3			0			0			0	

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.

(a) Previous data are not shown because of changes in the indicators' definitions or data were not available.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

Appendix Exhibit A8. Avoidable Hospital Use & Cost: Dimension Ranking and Indicator Rates (continued)

	30-day hospital readmissions as a percent of Medicare admissions <sup>b</sup>	Short-stay nursing home residents with a 30-day readmission to the hospital		Long-stay nursing home residents with a hospital admission		Home health patients also enrolled in Medicare with a hospital admission	Potentially avoidable ED visits among Medicare beneficiaries, per 1,000 beneficiaries
	2012	2006	2010	2006	2010	2012	2011
<b>United States</b>	<b>18%</b>	<b>20%</b>	<b>20%</b>	<b>19%</b>	<b>19%</b>	<b>17%</b>	<b>185</b>
Alabama	17	21	22	23	21	18	191
Alaska	14	— <sup>a</sup>	— <sup>a</sup>	— <sup>a</sup>	— <sup>a</sup>	17	181
Arizona	16	22	22	10	12	16	175
Arkansas	18	24	24	28	27	18	185
California	18	20	20	19	21	15	166
Colorado	14	17	15	*	12	12	16
Connecticut	18	19	19	18	19	17	195
Delaware	17	22	20	*	20	19	16
District of Columbia	21	— <sup>a</sup>	— <sup>a</sup>	— <sup>a</sup>	— <sup>a</sup>	17	263
Florida	18	21	21	24	25	16	172
Georgia	17	21	23	*	21	20	17
Hawaii	15	— <sup>a</sup>	— <sup>a</sup>	— <sup>a</sup>	— <sup>a</sup>	15	129
Idaho	13	14	14	13	12	15	169
Illinois	19	23	23	26	25	17	191
Indiana	17	18	20	*	21	20	18
Iowa	15	18	17	17	16	17	177
Kansas	16	19	19	20	20	17	169
Kentucky	19	21	21	26	24	18	215
Louisiana	18	24	26	*	32	31	16
Maine	16	16	16	15	14	16	235
Maryland	19	23	23	21	20	17	185
Massachusetts	18	19	19	16	17	17	218
Michigan	19	23	22	20	20	16	208
Minnesota	16	17	16	7	7	17	165
Mississippi	18	20	23	*	31	31	18
Missouri	17	21	22	22	21	17	192
Montana	14	15	14	15	12	*	16
Nebraska	15	15	16	17	17	17	149
Nevada	18	22	23	16	20	*	16
New Hampshire	16	15	16	12	13	16	194
New Jersey	19	24	23	27	26	16	169
New Mexico	15	18	18	14	15	15	171
New York	20	22	22	21	19	18	172
North Carolina	17	19	19	20	19	17	194
North Dakota	16	15	18	*	15	14	15
Ohio	18	21	21	20	17	*	18
Oklahoma	17	23	24	26	24	17	196
Oregon	14	17	17	10	10	15	164
Pennsylvania	18	20	21	19	17	17	185
Rhode Island	18	22	21	14	12	15	194
South Carolina	16	18	20	*	20	19	16
South Dakota	14	14	13	15	16	15	168
Tennessee	18	21	21	25	24	18	193
Texas	17	22	23	25	24	15	180
Utah	13	13	12	11	11	14	147
Vermont	16	13	15	*	12	13	16
Virginia	18	20	20	21	20	17	183
Washington	15	16	17	14	13	16	154
West Virginia	20	22	22	24	20	*	19
Wisconsin	16	17	16	14	13	17	184
Wyoming	15	15	15	14	14	18	168
<b>Change</b>			9		4	—	—
States Improved			2		3	—	—
States Worsened			7		1	—	—

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.

(a) Previous data are not shown because of changes in the indicators' definitions or data were not available. (b) Not a scored indicator, included here for informational purposes only.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

## Appendix Exhibit A9. Avoidable Hospital Use & Cost: Cost Indicators

	Total Medicare (Parts A & B) reimbursements per enrollee <sup>a</sup>					Health insurance premium for employer-sponsored single-person plans				
	Unadjusted		Adjusted <sup>b</sup>		Average annual growth rate <sup>c</sup>	Unadjusted		Adjusted <sup>b</sup>		Average annual growth rate <sup>c</sup>
	2008	2012	2008	2012		2008	2012	2008	2012	
<b>United States</b>	<b>\$8,713</b>	<b>\$9,396</b>	<b>\$8,336</b>	<b>\$8,874</b>	<b>1.9%</b>	<b>\$4,386</b>	<b>\$5,384</b>	<b>\$4,452</b>	<b>\$5,431</b>	<b>5.3%</b>
Alabama	8,302	8,675	8,922	9,336	1.1%	4,139	4,961	5,042	6,043	4.6%
Alaska	7,123	7,675	5,631	5,406	1.9%	5,293	7,420	4,096	5,742	8.8%
Arizona	7,804	8,577	7,498	8,004	2.4%	4,214	5,196	4,122	5,082	5.4%
Arkansas	7,580	8,150	8,056	8,635	1.8%	3,923	4,459	4,605	5,235	3.3%
California	9,324	10,231	7,719	8,315	2.3%	4,280	5,422	3,300	4,180	6.1%
Colorado	7,408	7,873	7,202	7,467	1.5%	4,303	5,275	4,203	5,153	5.2%
Connecticut	9,855	10,572	8,231	8,950	1.8%	4,740	5,934	3,848	4,817	5.8%
Delaware	8,775	9,329	8,136	8,513	1.5%	4,733	5,583	4,434	5,231	4.2%
District of Columbia	9,883	10,915	8,279	8,894	2.5%	4,890	5,581	4,637	5,292	3.4%
Florida	10,097	10,679	10,064	10,593	1.4%	4,517	5,179	4,820	5,527	3.5%
Georgia	7,909	8,649	7,915	8,837	2.3%	4,160	5,159	4,511	5,594	5.5%
Hawaii	5,958	6,421	5,149	5,417	1.9%	3,831	5,076	3,361	4,454	7.3%
Idaho	6,502	7,355	6,714	7,196	3.1%	4,104	4,439	4,466	4,830	2.0%
Illinois	9,053	9,785	8,583	9,253	2.0%	4,643	5,404	4,618	5,375	3.9%
Indiana	8,196	9,012	8,333	9,221	2.4%	4,495	5,504	4,795	5,871	5.2%
Iowa	6,933	7,687	7,180	7,494	2.6%	4,146	5,141	4,439	5,505	5.5%
Kansas	7,802	8,467	8,253	8,582	2.1%	4,197	4,968	4,730	5,599	4.3%
Kentucky	8,348	8,962	8,563	9,344	1.8%	4,009	5,397	4,646	6,255	7.7%
Louisiana	9,892	10,322	10,573	10,873	1.1%	4,055	5,381	4,787	6,352	7.3%
Maine	7,341	8,004	7,239	7,601	2.2%	4,910	5,692	5,176	6,000	3.8%
Maryland	9,991	10,655	9,036	8,488	1.6%	4,360	5,302	4,362	5,305	5.0%
Massachusetts	9,954	10,910	8,587	9,042	2.3%	4,836	6,121	3,577	4,527	6.1%
Michigan	9,494	10,118	8,911	9,559	1.6%	4,388	5,365	4,528	5,537	5.2%
Minnesota	7,057	7,916	6,791	7,217	2.9%	4,432	5,338	4,129	4,973	4.8%
Mississippi	8,883	9,485	9,473	10,038	1.7%	4,124	4,713	5,027	5,745	3.4%
Missouri	7,997	8,597	8,225	8,701	1.8%	4,124	5,150	4,636	5,789	5.7%
Montana	6,424	6,932	6,746	6,589	1.9%	4,355	5,585	4,355	5,585	6.4%
Nebraska	7,639	8,371	7,822	8,061	2.3%	4,392	5,101	4,605	5,348	3.8%
Nevada	8,456	9,206	7,838	8,335	2.1%	3,927	4,949	3,457	4,357	6.0%
New Hampshire	7,684	8,437	7,155	7,622	2.4%	5,247	5,688	4,734	5,132	2.0%
New Jersey	10,325	10,958	8,851	9,551	1.5%	4,798	5,837	3,955	4,811	5.0%
New Mexico	6,713	7,240	6,558	6,807	1.9%	4,074	5,035	4,268	5,274	5.4%
New York	10,278	10,944	8,393	8,997	1.6%	4,638	6,033	3,882	5,050	6.8%
North Carolina	7,703	8,288	7,565	8,254	1.8%	4,460	5,632	4,937	6,234	6.0%
North Dakota	6,398	7,635	6,972	7,528	4.5%	3,830	5,377	3,830	5,377	8.9%
Ohio	8,690	9,518	8,703	9,552	2.3%	4,089	5,081	4,477	5,564	5.6%
Oklahoma	8,378	8,874	8,912	9,190	1.4%	4,072	4,851	4,736	5,642	4.5%
Oregon	6,393	7,005	6,056	6,291	2.3%	4,384	5,460	3,973	4,948	5.6%
Pennsylvania	8,958	9,762	8,757	9,383	2.2%	4,499	5,385	4,703	5,629	4.6%
Rhode Island	8,957	9,586	7,965	8,539	1.7%	4,930	5,870	4,343	5,171	4.5%
South Carolina	7,860	8,404	7,918	8,542	1.7%	4,477	5,098	5,046	5,746	3.3%
South Dakota	6,416	7,617	6,622	7,250	4.4%	4,233	5,409	4,176	5,336	6.3%
Tennessee	8,225	8,721	8,584	9,187	1.5%	4,276	5,067	4,939	5,852	4.3%
Texas	9,521	10,143	9,594	10,152	1.6%	4,205	5,124	4,517	5,504	5.1%
Utah	7,296	7,982	7,378	8,015	2.3%	4,197	5,162	4,498	5,532	5.3%
Vermont	7,203	7,886	6,484	6,829	2.3%	4,900	5,580	4,827	5,497	3.3%
Virginia	7,300	8,151	7,330	8,051	2.8%	4,202	5,309	4,466	5,642	6.0%
Washington	7,170	7,908	6,571	7,101	2.5%	4,404	5,368	3,990	4,864	5.1%
West Virginia	7,771	8,511	8,087	8,655	2.3%	4,892	5,884	5,967	7,177	4.7%
Wisconsin	7,497	7,988	7,310	7,658	1.6%	4,777	5,737	4,858	5,834	4.7%
Wyoming	6,637	7,710	6,681	6,818	3.8%	4,622	5,861	4,622	5,861	6.1%

Notes: (a) Medicare spending estimates exclude prescription drug costs and reflect only the age 65+ Medicare fee-for-service population. (b) Spending is standardized for state differences in input prices using CMS' hospital wage index and extra CMS payments for graduate medical education and for treating low-income patients are removed from Medicare spending estimates. (c) Compounded average annual growth rate.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

## Appendix Exhibit A11. Healthy Lives: Dimension Ranking and Indicator Rates

	Mortality amenable to health care		Years of potential life lost before age 75		Breast cancer deaths per 100,000 female population		Colorectal cancer deaths per 100,000 population		Suicide deaths per 100,000 population					
	2004-05	2009-10	2005	2010	2005	2010	2005	2010	2005	2010				
<b>United States</b>	<b>96</b>	<b>86</b>	*	<b>7,153</b>	<b>6,474</b>	*	<b>24.2</b>	<b>22.1</b>	*	<b>17.7</b>	<b>15.8</b>	**	<b>10.9</b>	<b>12.1</b>
Alabama	117	114		9,776	9,254		27.4	23.6	**	18.8	17.1	*	11.5	14.0
Alaska	77	74		7,311	7,144		17.9	21.7	**	15.2	17.4	**	19.9	22.8
Arizona	88	74	*	7,648	6,539	*	21.2	19.6	*	15.6	14.2	*	16.4	17.0
Arkansas	121	116		9,272	8,768		24.4	22.9	*	18.8	19.4	*	14.3	15.5
California	86	75	*	6,147	5,191	*	22.8	20.9	*	16.1	14.5	*	9.1	10.3
Colorado	72	62	*	6,204	5,615		22.3	20.0	*	16.7	13.7	**	17.2	16.8
Connecticut	77	67	*	5,618	5,130		23.6	21.1	**	15.4	12.6	**	8.1	9.4
Delaware	97	90		7,560	7,154		23.6	23.2		18.1	15.0	**	9.7	11.3
District of Columbia	158	119	**	12,276	8,813	**	29.2	29.9		21.0	19.4	*	5.4	6.9
Florida	91	83		7,714	6,886	*	22.4	21.5		16.5	14.5	**	12.5	13.7
Georgia	114	103	*	8,267	7,312	*	23.6	23.8		17.8	16.6	*	10.6	11.7
Hawaii	80	78		5,877	5,619		19.5	14.8	**	14.8	13.1	*	8.1	15.0
Idaho	74	67		6,212	5,943		19.4	21.8	**	15.7	13.6	**	16.5	18.8
Illinois	101	90	*	6,911	6,229	*	25.8	22.7	**	18.8	17.1	*	8.6	9.0
Indiana	101	93		7,621	7,242		22.8	22.9		19.5	16.1	**	11.8	13.1
Iowa	79	74		5,903	5,691		21.4	19.5	*	18.4	17.8	*	11.2	12.1
Kansas	85	78		6,979	6,646		23.8	20.6	**	18.7	15.9	**	13.3	14.0
Kentucky	110	106		8,655	8,619		23.8	21.9	*	20.9	17.6	**	13.4	14.2
Louisiana	137	123	*	10,529	9,005	**	29.2	24.8	**	20.1	18.3	*	11.0	12.3
Maine	78	67	*	6,498	5,893		22.6	20.3	*	17.5	16.4	*	12.4	13.2
Maryland	107	95	*	7,334	6,371	*	25.9	24.4	*	19.0	15.2	**	8.4	8.3
Massachusetts	78	65	*	5,565	4,990		23.2	19.2	**	17.9	14.9	**	7.2	8.8
Michigan	102	90	*	7,352	7,038		24.1	23.8		18.4	15.8	**	11.0	12.5
Minnesota	64	57		5,198	4,900		22.6	20.2	**	15.0	14.3		10.5	11.2
Mississippi	142	136		10,898	9,781	*	26.1	25.0		20.2	20.5		12.7	13.0
Missouri	103	95		7,961	7,492		28.1	23.5	**	18.4	17.2	*	12.5	14.0
Montana	73	73		7,442	6,967		23.6	21.1	**	17.7	14.0	**	21.7	21.8
Nebraska	72	67		5,971	5,555		24.0	19.3	**	18.6	17.3	*	10.9	10.4
Nevada	112	97	*	8,146	6,952	*	24.1	23.8		18.6	17.4	*	19.8	19.8
New Hampshire	73	60	*	5,655	5,097		23.9	21.7	*	18.3	14.2	**	12.0	14.1
New Jersey	90	77	*	6,085	5,360	*	27.0	23.3	**	19.1	16.3	**	6.1	7.8
New Mexico	83	81		8,053	7,609		22.5	22.2		16.4	14.3	**	17.8	20.1
New York	93	82	*	6,024	5,362	*	24.4	21.8	**	17.1	15.4	*	6.0	7.7
North Carolina	108	95	*	7,964	7,021	*	25.1	23.5	*	17.2	14.9	**	11.4	12.0
North Dakota	73	75		6,097	6,099		22.8	23.0		18.9	17.6	*	13.7	15.6
Ohio	106	94	*	7,536	7,158		26.5	24.1	**	19.0	17.5	*	11.5	12.2
Oklahoma	115	112		9,181	8,864		25.2	24.9		19.5	16.5	**	14.8	16.5
Oregon	75	65	*	6,424	5,720	*	21.8	23.1	*	17.0	14.9	**	14.9	17.1
Pennsylvania	99	86	*	7,280	6,670		25.0	23.5	*	19.2	17.2	**	11.1	11.9
Rhode Island	86	74	*	5,961	5,794		24.6	19.5	**	17.4	16.6		6.3	12.3
South Carolina	115	102	*	9,156	8,204	*	26.2	22.5	**	19.0	17.6	*	11.8	13.5
South Dakota	81	71	*	7,074	6,475		24.0	19.7	**	19.8	17.0	**	15.4	17.5
Tennessee	118	110		9,224	8,528	*	26.5	22.6	**	19.3	17.7	*	14.0	14.6
Texas	100	94		7,224	6,594		23.1	21.0	*	16.9	15.9	*	10.9	11.7
Utah	64	62		5,885	5,720		24.3	22.4	*	13.4	12.0	*	15.4	18.3
Vermont	68	58	*	5,687	4,997	*	20.6	19.3	*	18.0	16.7	*	12.5	15.7
Virginia	96	85	*	6,807	6,014	*	25.9	22.3	**	17.3	15.4	**	11.2	11.7
Washington	74	65		5,895	5,357		23.2	21.2	*	15.5	14.1	*	12.8	13.9
West Virginia	112	107		9,017	9,038		27.0	20.9	**	19.8	17.4	**	13.2	14.1
Wisconsin	78	71		6,222	5,656		22.7	21.6		16.5	14.6	**	11.6	13.4
Wyoming	75	82		7,490	7,246		21.2	22.6	*	13.9	16.6	**	17.3	22.4
<b>Change</b>		25			18			39			46			18
States Improved		25			18			35			44			0
States Worsened		0			0			4			2			18

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.  
Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

Appendix Exhibit A11. Healthy Lives: Dimension Ranking and Indicator Rates (continued)

	Infant mortality, deaths per 1,000 live births		Adults with poor health-related quality of life			Adults who smoke			Adults who are obese			Children who are overweight or obese		Adults ages 18–64 who have lost six or more teeth				
	2004	2009	2007	2012	*	2007	2012	*	2007	2012	*	2007	2011/12	2006	2012			
<b>United States</b>	<b>6.8</b>	<b>6.4</b>	<b>24%</b>	<b>27%</b>	<b>*</b>	<b>19%</b>	<b>19%</b>		<b>26%</b>	<b>28%</b>	<b>*</b>	<b>32%</b>	<b>31%</b>	<b>10%</b>	<b>10%</b>			
Alabama	8.7	8.3		30	36	**	22	24	*	32	34	*	36	35	16	17		
Alaska	6.6	6.9		27	26		22	20	*	28	26	*	34	30	**	10	9	
Arizona	6.7	6.0	*	25	29	**	20	17	*	28	27	*	31	37	**	9	10	
Arkansas	8.4	7.6	*	28	33	**	22	25	*	30	37	**	37	34	*	13	16	*
California	5.2	4.9		26	30	**	14	12	*	24	26	*	31	30		8	7	
Colorado	6.2	6.2		23	26	*	19	17	*	20	21		27	23	**	6	7	
Connecticut	5.4	5.6		20	23	*	15	16		23	26	*	26	30	**	7	8	
Delaware	8.6	8.0		25	24		19	20		29	27	*	33	32		10	10	
District of Columbia	12.2	10.4	**	22	24	*	17	19	*	22	23		35	35		8	7	
Florida	7.0	6.9		23	30	**	19	17	*	25	26		33	28	**	12	12	
Georgia	8.5	7.3	*	23	27	**	16	20	**	27	29	*	37	35	*	10	13	*
Hawaii	5.8	5.9		22	23		17	15	*	23	26	*	28	27		7	6	
Idaho	6.1	5.5		25	27	*	19	16	*	26	27		28	28		9	8	
Illinois	7.5	6.9		24	26	*	19	18		25	28	*	35	34		8	9	
Indiana	7.9	7.8		23	29	**	23	24		27	32	**	30	31		11	13	*
Iowa	5.1	4.6		21	23	*	19	18		27	30	*	26	28	*	9	9	
Kansas	7.3	7.1		21	25	**	17	19	*	29	30		31	30		8	9	
Kentucky	6.8	6.8		29	33	**	28	28		30	32	*	37	36		19	16	*
Louisiana	10.3	8.8	**	25	31	**	23	25	*	31	35	**	36	40	**	12	16	**
Maine	5.7	5.7		24	27	*	20	20		27	29	*	28	30	*	14	13	
Maryland	8.5	7.2	*	22	24	*	17	16		27	28		29	32	*	9	9	
Massachusetts	4.8	5.1		21	23	*	16	16		22	23		30	31		8	9	
Michigan	7.6	7.6		24	29	**	20	23	*	28	32	**	31	33	*	9	11	*
Minnesota	4.6	4.6		18	20	*	16	19	*	25	25		23	27	**	7	7	
Mississippi	9.9	10.1		28	32	**	24	24		34	36	*	44	40	**	18	18	
Missouri	7.5	7.1		24	29	**	23	24		28	30	*	31	28	*	10	12	*
Montana	4.6	6.2	**	25	28	*	19	20		23	24		26	29	*	9	10	
Nebraska	6.5	5.4	*	20	24	**	21	20		27	28		31	29	*	8	7	
Nevada	6.2	5.8		26	30	**	22	18	**	26	27		34	33		12	11	
New Hampshire	5.6	4.9	*	23	24		19	17	*	26	27		29	26	*	10	10	
New Jersey	5.6	5.2		23	23		17	17		24	24		31	25	**	10	9	
New Mexico	6.5	5.3	*	27	31	**	21	19	*	26	29	*	33	33		9	9	
New York	6.2	5.4	*	26	26		18	16	*	25	23	*	33	32		10	10	
North Carolina	8.7	7.9	*	26	27		22	21		30	31		34	31	*	13	13	
North Dakota	5.9	6.3		17	19	*	20	20		27	29	*	26	36	**	7	7	
Ohio	7.5	7.7		25	27	*	23	23		29	30		33	31	*	11	13	*
Oklahoma	7.9	7.9		29	31	*	26	23	*	30	33	*	30	34	**	15	14	
Oregon	5.5	4.9		27	33	**	17	18		27	28		24	26	*	9	10	
Pennsylvania	7.3	7.1		23	26	*	21	21		28	29		30	26	**	11	11	
Rhode Island	5.4	5.9		24	26	*	17	17		22	26	**	30	28	*	8	9	
South Carolina	9.3	7.0	**	24	28	**	22	22		30	33	*	34	39	**	14	15	
South Dakota	7.9	6.7	*	20	22	*	20	21		27	27		28	27		8	9	
Tennessee	8.6	8.0		25	30	**	22	24	*	32	33		36	34	*	12	18	**
Texas	6.3	6.0		27	27		18	18		28	30	*	32	37	**	7	8	
Utah	5.2	5.3		20	23	*	12	10	*	22	24	*	23	22		5	5	
Vermont	4.4	6.2	**	21	22		17	16		22	23		27	25	*	10	11	*
Virginia	7.4	7.1		21	26	**	18	19		24	27	*	31	30		8	10	*
Washington	5.5	4.9		26	29	*	17	17		26	27		30	26	**	8	8	
West Virginia	7.6	7.7		31	35	**	26	28	*	32	35	*	36	34	*	20	23	*
Wisconsin	5.9	6.0		19	23	**	20	20		25	30	**	28	29		10	11	
Wyoming	8.8	6.0	**	22	22		23	22		25	25		26	27		11	11	
<b>Change</b>		16			41			23			28			32			11	
States Improved		14			0			13			3			18			1	
States Worsened		2			41			10			25			14			10	

Notes: \* denotes a change of at least 0.5 standard deviation; \*\* denotes a change of 1.0 standard deviation or more.  
Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

## HOW THE STATE SCORECARD DEFINES EQUITY

The *Scorecard* evaluates states on the equity of their health systems along two dimensions: race and ethnicity (10 indicators) and income (nine indicators). Equity indicators are a subset of indicators chosen to represent care across three of four performance domains. For each state, health system performance on each indicator as it pertains to low-income populations (under 200% of the federal poverty level) and racial or ethnic minority groups (black/other race or Hispanic ethnicity) is compared with the national average. The resulting difference in performance is the “equity gap,” which forms the basis of our state rankings for this domain.

To assess change over time, we count how often the equity gap narrowed across indicators for each state during the five years of data available for this *Scorecard*. We consider improvement to have occurred only if the equity gap narrowed and health care for the states’ vulnerable group improved. (See [state profiles](#) online for state equity rankings and indicators by income and racial or ethnic group for each state.)

## Equity Dimension Overall and Subdimension Ranks

	Revised 2009 Scorecard Ranks			2014 Scorecard Ranks		
	Overall Equity Rank	Subdimensions		Overall Equity Rank	Subdimensions	
		Low-Income	Race/ Ethnicity		Low- Income	Race/ Ethnicity
<b>United States</b>	--	--	--	--	--	--
Alabama	43	37	43	38	32	42
Alaska	26	42	10	29	35	25
Arizona	39	43	26	44	45	39
Arkansas	49	45	50	51	50	50
California	38	43	25	32	44	20
Colorado	41	39	33	24	37	11
Connecticut	8	9	8	6	8	6
Delaware	16	10	22	5	5	6
District of Columbia	19	18	22	7	4	11
Florida	36	39	26	40	45	32
Georgia	27	36	22	46	37	48
Hawaii	1	2	1	1	3	1
Idaho	46	48	46	47	43	45
Illinois	31	25	36	18	20	17
Indiana	21	20	26	44	34	49
Iowa	12	10	17	22	12	30
Kansas	24	23	26	26	25	29
Kentucky	17	29	5	37	32	39
Louisiana	45	38	46	29	29	30
Maine	3	2	5	4	5	4
Maryland	30	24	35	12	15	10
Massachusetts	2	2	4	1	1	3
Michigan	12	14	14	22	20	22
Minnesota	4	6	3	15	14	20
Mississippi	49	45	51	49	45	45
Missouri	20	28	14	26	29	25
Montana	21	32	13	43	37	45
Nebraska	27	21	36	32	25	39
Nevada	46	49	45	50	51	42
New Hampshire	6	13	1	7	13	2
New Jersey	21	29	17	15	22	11
New Mexico	31	45	17	35	42	25
New York	12	14	14	7	8	8
North Carolina	42	32	46	47	37	51
North Dakota	9	14	7	18	15	22
Ohio	27	17	40	17	18	17
Oklahoma	51	50	49	41	48	32
Oregon	36	32	33	38	41	32
Pennsylvania	10	6	17	12	8	17
Rhode Island	7	5	10	10	7	15
South Carolina	31	25	36	35	35	32
South Dakota	18	10	26	20	17	22
Tennessee	24	18	31	26	22	32
Texas	46	51	43	41	48	32
Utah	39	29	40	25	25	25
Vermont	5	1	10	3	2	5
Virginia	43	39	40	34	24	42
Washington	31	25	36	20	25	15
West Virginia	15	21	8	14	19	8
Wisconsin	11	8	17	10	11	11
Wyoming	35	32	31	31	29	32

Uninsured ages 0–64, by Income and Race/Ethnicity

	2007-08								2011-12							
	Low-Income			Race/Ethnicity					Low-Income			Race/Ethnicity				
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap
United States	17	31		12	20	32	17		18	30		13	21	31	17	
Alabama	13	27	-10	11	16	30	14	-13	16	28	-10	14	18	42	10	-24
Alaska	20	32	-15	17	22	17	31	-14	20	31	-13	17	13	23	29	-11
Arizona	20	37	-20	15	23	31	14	-14	20	32	-14	13	19	31	18	-13
Arkansas	19	31	-14	16	28	40	13	-23	21	32	-14	19	23	34	23	-16
California	20	33	-16	12	17	29	16	-12	21	33	-15	14	18	29	17	-11
Colorado	17	39	-22	12	25	35	16	-18	16	32	-14	13	26	28	15	-10
Connecticut	10	22	-5	7	17	21	10	-4	9	19	-1	8	14	17	7	1
Delaware	12	24	-7	10	12	33	14	-16	12	21	-3	9	11	29	11	-11
District of Columbia	10	17	0	5	10	31	9	-14	9	14	4	5	11	15	9	3
Florida	23	41	-24	17	26	36	28	-19	25	39	-21	19	29	34	23	-16
Georgia	19	36	-19	13	22	45	17	-28	22	35	-17	16	24	43	23	-25
Hawaii	8	15	2	8	4	9	8	8	9	15	3	11	7	10	8	8
Idaho	16	28	-11	14	9	34	22	-17	19	32	-14	15	16	42	24	-24
Illinois	14	30	-13	10	19	25	12	-8	16	28	-10	12	22	27	14	-9
Indiana	13	25	-8	12	17	24	6	-7	15	25	-7	13	20	20	27	-9
Iowa	10	23	-6	9	17	23	14	-6	12	22	-4	10	16	23	12	-5
Kansas	14	26	-9	11	18	32	19	-15	15	27	-9	13	17	33	14	-15
Kentucky	17	29	-12	15	21	40	35	-23	17	31	-13	16	22	37	17	-19
Louisiana	21	35	-18	16	27	48	35	-31	22	35	-17	16	30	41	28	-23
Maine	11	18	-1	11	7	15	16	1	12	19	-1	11	24	8	7	-6
Maryland	13	35	-18	9	14	44	11	-27	15	31	-13	11	15	36	14	-18
Massachusetts	6	16	1	5	5	6	10	7	4	8	10	4	6	6	4	12
Michigan	13	23	-6	11	19	24	13	-7	13	24	-6	12	16	27	10	-9
Minnesota	9	23	-6	8	14	27	13	-10	10	22	-4	8	16	26	15	-8
Mississippi	20	36	-19	14	26	48	26	-31	18	27	-9	14	23	25	23	-7
Missouri	14	26	-9	13	19	29	13	-12	16	30	-12	15	25	22	19	-7
Montana	18	32	-15	16	30	28	35	-18	22	34	-16	20	23	23	38	-20
Nebraska	13	30	-13	10	28	30	25	-13	15	28	-10	11	19	30	20	-12
Nevada	20	38	-21	14	19	33	20	-16	26	43	-25	21	31	35	23	-17
New Hampshire	11	29	-12	11	7	33	15	-16	14	32	-14	13	27	21	20	-9
New Jersey	16	35	-18	10	21	32	14	-15	17	35	-17	11	21	29	18	-11
New Mexico	25	39	-22	16	23	29	41	-24	24	36	-18	17	19	26	39	-21
New York	14	25	-8	10	19	24	18	-7	13	21	-3	10	17	20	14	-2
North Carolina	18	32	-15	13	22	47	25	-30	20	31	-13	15	21	44	19	-26
North Dakota	12	26	-9	9	16	21	31	-14	12	26	-8	8	19	21	30	-12
Ohio	13	23	-6	12	15	30	12	-13	15	27	-9	13	18	33	23	-15
Oklahoma	18	33	-16	14	22	31	24	-14	20	30	-12	17	18	31	22	-13
Oregon	18	35	-18	15	9	42	18	-25	17	28	-10	15	13	31	14	-13
Pennsylvania	11	22	-5	10	14	18	11	-1	13	25	-7	11	19	26	12	-8
Rhode Island	12	21	-4	10	20	20	22	-5	14	26	-8	11	21	25	17	-7
South Carolina	18	31	-14	15	21	50	22	-33	19	30	-12	17	21	39	13	-21
South Dakota	13	26	-9	10	13	32	35	-18	16	28	-10	12	21	37	31	-19
Tennessee	16	26	-9	14	15	46	29	-29	16	27	-9	13	17	45	11	-27
Texas	27	44	-27	16	24	39	23	-22	27	42	-24	17	22	38	20	-20
Utah	13	30	-13	10	12	29	21	-12	16	25	-7	12	15	34	25	-16
Vermont	11	22	-5	11	10	13	17	0	9	16	2	9	9	19	11	-1
Virginia	14	30	-13	11	15	40	17	-23	15	30	-12	11	20	35	15	-17
Washington	13	25	-8	10	18	32	12	-15	16	31	-13	13	20	28	17	-10
West Virginia	17	26	-9	17	16	25	11	-8	17	25	-7	17	27	24	21	-9
Wisconsin	10	21	-4	7	19	26	18	-9	12	23	-5	9	19	24	19	-6
Wyoming	15	30	-13	14	22	22	29	-12	19	30	-12	17	33	26	38	-20
High	6	15	-27	5	4	6	6	-33	4	8	-25	4	6	6	4	-27
Low	27	44	2	17	30	50	41	8	27	43	10	21	33	45	39	12

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comparable over time.

\* Data for this sub-population not available.



Adults who went without care because of cost in past year, by Income and Race/Ethnicity

	2007								2012							
	Low-Income			Race/Ethnicity					Low-Income			Race/Ethnicity				
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap
United States	13	26	-16	10	19	23	14	-29	17	29	-18	13	22	27	17	-17
Alabama	15	29	-16	13	18	42	20	-29	20	35	-18	18	24	34	29	-17
Alaska	14	30	-17	14	*	21	14	-8	14	25	-8	12	28	27	15	-11
Arizona	13	26	-13	9	11	26	15	-13	20	37	-20	15	31	30	18	-14
Arkansas	16	33	-20	14	23	29	26	-16	21	36	-19	18	32	30	32	-15
California	13	23	-10	8	15	21	11	-8	17	28	-11	12	15	26	13	-9
Colorado	13	27	-14	11	19	22	17	-9	16	31	-14	12	20	28	18	-11
Connecticut	9	23	-10	7	18	22	18	-9	12	24	-7	9	21	24	11	-7
Delaware	11	21	-8	9	12	23	18	-10	13	24	-7	10	19	22	12	-5
District of Columbia	10	22	-9	5	11	21	10	-8	12	14	3	8	14	27	7	-10
Florida	15	30	-17	12	21	23	19	-10	21	32	-15	16	26	29	22	-12
Georgia	16	33	-20	10	24	23	21	-11	20	34	-17	16	26	30	22	-13
Hawaii	6	12	1	6	*	10	6	3	9	15	2	9	3	19	8	-2
Idaho	17	31	-18	16	*	26	19	-13	18	34	-17	15	*	34	29	-17
Illinois	13	28	-15	9	18	26	13	-13	14	25	-8	10	19	23	21	-6
Indiana	12	23	-10	11	15	19	20	-7	16	27	-10	14	27	23	19	-10
Iowa	8	20	-7	7	17	20	16	-7	11	24	-7	9	31	23	16	-14
Kansas	11	25	-12	9	17	22	18	-9	15	32	-15	12	33	25	23	-16
Kentucky	16	33	-20	16	20	18	16	-7	19	33	-16	18	26	33	32	-16
Louisiana	17	32	-19	13	27	30	11	-17	18	32	-15	14	26	20	21	-9
Maine	10	15	-2	9	*	18	23	-10	11	15	2	11	*	6	18	-1
Maryland	11	26	-13	8	13	31	14	-18	11	25	-8	8	14	26	11	-9
Massachusetts	7	16	-3	5	11	17	9	-4	9	16	1	8	13	19	10	-2
Michigan	11	23	-10	10	17	13	16	-4	15	27	-10	13	19	25	20	-8
Minnesota	9	23	-10	7	16	*	17	-4	11	21	-4	9	24	24	14	-7
Mississippi	18	32	-19	15	25	16	15	-12	22	35	-18	18	28	28	20	-11
Missouri	14	31	-18	13	18	*	21	-8	15	30	-13	14	23	15	25	-8
Montana	13	25	-12	12	*	15	18	-5	15	28	-11	14	*	24	31	-14
Nebraska	10	21	-8	8	17	29	19	-16	13	28	-11	11	24	29	20	-12
Nevada	14	24	-11	11	16	18	19	-6	19	33	-16	16	20	27	14	-10
New Hampshire	10	25	-12	10	*	12	20	-7	13	24	-7	12	*	22	17	-5
New Jersey	12	28	-15	8	16	26	9	-13	15	30	-13	11	19	30	12	-13
New Mexico	15	27	-14	11	17	21	17	-8	19	31	-14	13	16	25	17	-8
New York	12	24	-11	7	17	25	13	-12	15	26	-9	10	23	27	17	-10
North Carolina	17	30	-17	13	22	30	22	-17	19	31	-14	16	22	33	25	-16
North Dakota	6	15	-2	6	*	*	10	3	9	18	-1	8	*	*	30	-13
Ohio	12	25	-12	11	23	21	29	-16	14	24	-7	13	19	20	23	-6
Oklahoma	18	33	-20	15	27	29	20	-16	18	33	-16	17	24	25	18	-8
Oregon	12	25	-12	11	*	22	17	-9	18	30	-13	17	*	26	19	-9
Pennsylvania	9	19	-6	7	20	15	14	-7	13	24	-7	10	21	28	21	-11
Rhode Island	10	19	-6	7	23	23	26	-13	13	23	-6	11	18	26	22	-9
South Carolina	15	29	-16	13	18	23	27	-14	21	35	-18	17	27	39	20	-22
South Dakota	9	21	-8	8	*	*	28	-15	11	20	-3	10	*	17	24	-7
Tennessee	15	28	-15	14	16	*	27	-14	19	29	-12	17	26	31	17	-14
Texas	19	35	-22	12	27	27	18	-14	21	36	-19	13	24	30	27	-13
Utah	12	24	-11	10	*	28	15	-15	15	27	-10	13	27	27	19	-10
Vermont	10	21	-8	10	*	31	14	-18	10	17	0	9	*	11	20	-3
Virginia	11	33	-20	7	21	39	9	-26	15	29	-12	12	20	36	20	-19
Washington	12	28	-15	10	21	28	17	-15	15	30	-13	14	26	28	14	-11
West Virginia	17	29	-16	17	15	*	17	-4	19	31	-14	19	28	8	28	-11
Wisconsin	8	16	-3	8	21	16	14	-8	13	25	-8	11	21	31	21	-14
Wyoming	12	24	-11	11	*	21	17	-8	15	26	-9	13	*	33	17	-16
High	6	12	-22	5	11	10	6	-29	9	14	-20	8	3	6	7	-22
Low	19	35	1	17	27	42	29	3	22	37	3	19	33	39	32	-1

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comparable over time.

\* Data for this sub-population not available.

At-risk adults without a routine doctor visit in past two years, by Income and Race/Ethnicity

	2007									2012								
	Low-Income			Race/Ethnicity						Low-Income			Race/Ethnicity					
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap		
United States	14	18	-4	14	9	18	16		14	18		13	10	22	15			
Alabama	11	15	-1	13	5	*	24	-10	13	12	2	13	9	14	19	-5		
Alaska	21	31	-17	23	*	*	18	-4	19	29	-15	19	*	20	23	-9		
Arizona	15	22	-8	13	*	20	24	-10	17	20	-6	16	10	21	14	-7		
Arkansas	20	26	-12	19	15	29	23	-15	17	21	-7	17	10	26	16	-12		
California	16	21	-7	13	9	20	17	-6	16	20	-6	14	9	21	14	-7		
Colorado	20	31	-17	18	15	28	24	-14	18	23	-9	16	13	26	17	-12		
Connecticut	11	15	-1	11	6	16	11	-2	10	13	1	9	6	20	14	-6		
Delaware	7	5	9	6	7	*	13	1	6	8	6	6	6	8	9	5		
District of Columbia	9	10	4	12	7	15	7	-1	7	3	11	12	5	8	0	6		
Florida	10	14	0	10	6	12	14	0	15	21	-7	13	11	23	24	-10		
Georgia	14	15	-1	16	10	8	14	0	14	15	-1	15	9	30	17	-16		
Hawaii	15	17	-3	16	*	20	14	-6	15	15	-1	19	*	17	13	-3		
Idaho	21	27	-13	21	*	30	30	-16	23	34	-20	21	*	43	35	-29		
Illinois	16	17	-3	16	13	18	15	-4	15	20	-6	14	11	24	18	-10		
Indiana	15	18	-4	16	9	15	25	-11	17	22	-8	16	19	33	30	-19		
Iowa	13	22	-8	12	*	30	*	-16	13	17	-3	13	6	25	21	-11		
Kansas	14	17	-3	14	9	17	13	-3	12	17	-3	12	8	14	23	-9		
Kentucky	13	17	-3	13	9	*	11	3	14	16	-2	14	15	16	12	-2		
Louisiana	8	11	3	8	6	11	21	-7	11	11	3	11	10	10	15	-1		
Maine	12	14	0	11	*	*	11	3	11	12	2	11	*	*	11	3		
Maryland	12	19	-5	12	8	26	17	-12	8	9	5	9	5	12	9	2		
Massachusetts	8	11	3	8	4	9	9	5	6	7	7	5	4	9	10	4		
Michigan	13	19	-5	14	7	8	19	-5	14	15	-1	14	10	15	15	-1		
Minnesota	11	11	3	10	14	*	*	0	12	13	1	11	6	23	14	-9		
Mississippi	16	19	-5	17	13	*	25	-11	15	17	-3	16	12	21	10	-7		
Missouri	16	22	-8	16	8	*	19	-5	16	21	-7	16	9	21	29	-15		
Montana	21	28	-14	20	*	*	27	-13	20	23	-9	19	*	*	28	-14		
Nebraska	17	25	-11	17	*	22	25	-11	18	24	-10	17	15	33	19	-19		
Nevada	22	30	-16	20	7	33	29	-19	15	21	-7	16	6	22	10	-8		
New Hampshire	12	17	-3	12	*	*	15	-1	10	14	0	9	*	*	20	-6		
New Jersey	10	11	3	10	6	13	10	1	10	14	0	10	6	14	12	0		
New Mexico	18	25	-11	17	*	20	22	-8	20	26	-12	16	14	24	21	-10		
New York	12	14	0	12	9	14	11	0	11	14	0	10	9	15	10	-1		
North Carolina	13	19	-5	13	10	26	10	-12	12	16	-2	10	8	35	15	-21		
North Dakota	15	21	-7	15	*	*	*	*	14	16	-2	14	*	*	*	*		
Ohio	14	18	-4	15	7	11	20	-6	13	14	0	13	12	14	20	-6		
Oklahoma	23	31	-17	23	19	28	20	-14	20	26	-12	20	11	31	20	-17		
Oregon	17	25	-11	17	*	18	20	-6	19	26	-12	19	*	26	24	-12		
Pennsylvania	12	15	-1	13	7	8	17	-3	12	13	1	12	6	14	15	-1		
Rhode Island	7	10	4	5	14	18	9	-4	8	10	4	7	3	14	12	0		
South Carolina	14	19	-5	15	9	26	24	-12	16	18	-4	16	12	20	23	-9		
South Dakota	16	23	-9	16	*	*	15	-1	15	22	-8	15	*	*	20	-6		
Tennessee	8	10	4	9	5	*	*	9	10	13	1	10	8	*	14	0		
Texas	15	18	-4	15	10	17	13	-3	18	26	-12	15	14	26	18	-12		
Utah	22	29	-15	22	*	23	25	-11	20	26	-12	19	*	26	19	-12		
Vermont	14	17	-3	14	*	10	18	-4	13	15	-1	13	*	*	22	-8		
Virginia	14	26	-12	13	12	31	8	-17	12	17	-3	12	8	28	14	-14		
Washington	17	26	-12	16	13	27	19	-13	18	26	-12	17	12	32	18	-18		
West Virginia	10	15	-1	10	6	*	18	-4	11	15	-1	11	4	*	16	-2		
Wisconsin	15	16	-2	15	9	24	15	-10	9	10	4	9	4	*	9	5		
Wyoming	23	31	-17	23	*	29	28	-15	20	22	-8	19	*	33	21	-19		
High	7	5	-17	5	4	8	7	-19	6	3	-20	5	3	8	0	-29		
Low	23	31	9	23	19	33	30	9	23	34	11	21	19	43	35	6		

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comerable over time.

\* Data for this sub-population not available.

Adults without a usual source of care, by Income and Race/Ethnicity

	2007								2012							
	Low-Income			Race/Ethnicity					Low-Income			Race/Ethnicity				
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap
United States	20	31		15	22	39	23		22	28		17	25	39	26	
Alabama	18	23	-3	16	22	43	26	-23	20	22	0	18	24	29	27	-7
Alaska	28	35	-15	27	*	25	34	-14	37	42	-20	34	35	51	44	-29
Arizona	24	35	-15	18	33	39	37	-19	25	31	-9	20	17	37	31	-15
Arkansas	16	24	-4	14	13	45	25	-25	22	28	-6	20	29	41	20	-19
California	28	41	-21	17	24	42	25	-22	27	39	-17	18	24	41	22	-19
Colorado	21	33	-13	17	24	37	23	-17	23	29	-7	19	23	37	25	-15
Connecticut	13	28	-8	10	21	40	16	-20	14	19	3	10	22	27	18	-5
Delaware	10	16	4	9	9	19	19	1	13	19	3	11	16	25	16	-3
District of Columbia	20	29	-9	17	17	38	26	-18	21	20	2	21	17	25	43	-21
Florida	22	34	-14	18	24	37	29	-17	24	29	-7	19	28	37	30	-15
Georgia	20	32	-12	16	24	25	31	-11	25	29	-7	20	28	48	31	-26
Hawaii	12	14	6	13	*	15	11	5	15	17	5	19	11	18	13	4
Idaho	27	35	-15	25	*	44	40	-24	29	31	-9	27	*	47	24	-25
Illinois	18	28	-8	12	21	37	17	-17	17	21	1	14	23	27	22	-5
Indiana	16	24	-4	14	20	38	18	-18	18	24	-2	16	26	39	35	-17
Iowa	16	25	-5	14	31	47	32	-27	17	22	0	15	34	41	32	-19
Kansas	16	28	-8	13	21	41	24	-21	21	29	-7	17	29	43	30	-21
Kentucky	15	20	0	14	24	8	19	-4	19	22	0	18	24	26	35	-13
Louisiana	21	31	-11	17	25	38	33	-18	23	24	-2	19	29	41	31	-19
Maine	11	15	5	11	*	7	12	8	12	10	12	11	*	13	15	7
Maryland	16	27	-7	13	16	43	19	-23	16	23	-1	13	15	38	22	-16
Massachusetts	11	19	1	8	17	27	17	-7	11	14	8	9	15	23	19	-1
Michigan	14	24	-4	13	17	20	19	0	16	19	3	14	22	18	18	0
Minnesota	20	26	-6	17	32	*	36	-16	24	25	-3	22	31	47	33	-25
Mississippi	23	27	-7	19	29	47	37	-27	26	28	-6	21	33	33	37	-15
Missouri	16	24	-4	15	18	*	25	-5	21	27	-5	19	25	25	41	-19
Montana	28	34	-14	28	*	33	32	-13	27	29	-7	27	*	30	33	-11
Nebraska	16	23	-3	14	17	52	11	-32	18	22	0	15	23	41	25	-19
Nevada	28	44	-24	20	43	50	29	-30	33	41	-19	27	28	48	34	-26
New Hampshire	12	19	1	11	*	13	20	0	12	16	6	12	*	13	14	8
New Jersey	14	24	-4	11	15	29	17	-9	17	24	-2	12	21	34	15	-12
New Mexico	25	36	-16	20	22	31	35	-15	30	38	-16	23	34	33	42	-20
New York	16	24	-4	11	19	30	19	-10	17	20	2	12	18	30	26	-8
North Carolina	22	32	-12	17	24	61	28	-41	24	31	-9	19	28	59	30	-37
North Dakota	22	25	-5	21	*	*	34	-14	26	25	-3	25	*	*	32	-10
Ohio	15	21	-1	14	20	7	18	0	19	22	0	16	30	27	34	-12
Oklahoma	21	33	-13	18	28	50	22	-30	24	32	-10	20	30	47	32	-25
Oregon	22	36	-16	21	*	50	21	-30	22	29	-7	20	*	32	28	-10
Pennsylvania	10	14	6	9	14	15	22	-2	13	15	7	11	19	18	25	-3
Rhode Island	15	21	-1	11	33	37	21	-17	13	17	5	10	19	29	19	-7
South Carolina	18	26	-6	14	25	40	32	-20	22	26	-4	19	25	51	33	-29
South Dakota	19	24	-4	19	*	*	29	-9	22	23	-1	20	*	33	42	-20
Tennessee	15	21	-1	15	17	*	22	-2	21	24	-2	19	29	42	28	-20
Texas	28	43	-23	19	33	42	23	-22	32	43	-21	21	30	49	42	-27
Utah	22	32	-12	18	*	49	33	-29	26	30	-8	23	46	45	34	-24
Vermont	13	18	2	12	*	23	33	-13	12	13	9	12	*	7	13	9
Virginia	20	31	-11	18	28	45	11	-25	22	26	-4	18	26	41	27	-19
Washington	21	34	-14	18	31	46	24	-26	23	29	-7	20	28	44	28	-22
West Virginia	21	28	-8	21	19	*	23	-3	24	26	-4	23	33	26	34	-12
Wisconsin	14	18	2	13	14	14	27	-7	18	20	2	16	23	32	37	-15
Wyoming	26	34	-14	24	*	37	40	-20	31	33	-11	30	*	43	35	-21
High	10	14	-24	8	9	7	11	-41	11	10	-21	9	11	7	13	-37
Low	28	44	6	28	43	61	40	8	37	43	12	34	46	59	44	9

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comparable over time.

\* Data for this sub-population not available.

Adults ages 50 and older who did not receive recommended screening and preventive care, by Income and Race/Ethnicity

	2006								2012							
	Low-Income			Race/Ethnicity					Low-Income			Race/Ethnicity				
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap
United States	56	69	-13	54	61	70	63	-9	58	69	-11	57	57	65	60	-8
Alabama	61	69	-13	60	65	*	*	-9	57	66	-8	58	54	66	54	-8
Alaska	60	69	-13	59	*	*	66	-10	61	69	-11	61	*	*	64	-6
Arizona	58	70	-14	58	*	66	53	-10	65	74	-16	64	59	67	71	-13
Arkansas	63	72	-16	61	63	*	76	-20	66	77	-19	66	62	*	77	-19
California	62	77	-21	55	68	75	67	-19	59	73	-15	57	55	68	54	-10
Colorado	53	67	-11	52	*	63	58	-7	56	72	-14	55	52	63	52	-5
Connecticut	49	62	-6	48	56	54	68	-12	53	67	-9	51	61	63	56	-5
Delaware	48	57	-1	47	46	*	51	5	52	62	-4	52	52	41	52	6
District of Columbia	57	73	-17	44	63	*	63	-7	56	65	-7	47	58	*	63	-5
Florida	59	70	-14	56	67	72	70	-16	61	70	-12	60	55	66	58	-8
Georgia	55	65	-9	54	60	*	62	-6	54	66	-8	54	52	66	53	-8
Hawaii	59	70	-14	56	*	60	59	-4	56	66	-8	50	*	55	58	0
Idaho	63	75	-19	63	*	81	65	-25	65	76	-18	65	*	70	67	-12
Illinois	62	71	-15	59	67	68	67	-12	61	71	-13	60	67	64	53	-9
Indiana	61	70	-14	60	62	*	62	-6	63	73	-15	62	61	78	67	-20
Iowa	54	67	-11	54	*	*	*	*	55	70	-12	54	*	61	71	-13
Kansas	57	74	-18	56	63	79	64	-23	55	66	-8	55	56	60	59	-2
Kentucky	57	71	-15	57	50	*	*	6	59	70	-12	59	56	47	68	-10
Louisiana	62	68	-12	60	67	70	71	-15	59	64	-6	57	64	58	69	-11
Maine	51	62	-6	51	*	*	*	*	53	63	-5	52	*	*	50	8
Maryland	50	65	-9	50	48	49	58	-2	52	63	-5	52	50	55	58	0
Massachusetts	50	64	-8	49	58	66	51	-10	48	59	-1	46	55	57	58	0
Michigan	49	62	-6	48	47	*	63	-7	55	68	-10	54	62	56	59	-4
Minnesota	48	63	-7	47	*	*	*	*	53	67	-9	52	69	66	59	-11
Mississippi	63	68	-12	61	67	*	78	-22	62	72	-14	60	67	65	63	-9
Missouri	54	65	-9	52	52	*	78	-22	57	65	-7	57	57	67	58	-9
Montana	55	65	-9	56	*	*	41	15	64	73	-15	63	*	*	68	-10
Nebraska	58	73	-17	58	*	70	*	-14	59	76	-18	58	65	75	55	-17
Nevada	60	71	-15	61	*	65	54	-9	63	72	-14	61	63	69	64	-11
New Hampshire	51	62	-6	51	*	*	43	13	52	66	-8	52	*	*	56	2
New Jersey	56	72	-16	54	63	63	66	-10	59	72	-14	57	61	61	68	-10
New Mexico	61	73	-17	57	*	68	71	-15	64	72	-14	61	54	65	72	-14
New York	54	68	-12	51	61	66	58	-10	56	62	-4	55	51	53	68	-10
North Carolina	52	64	-8	50	60	57	53	-4	54	67	-9	52	56	77	51	-19
North Dakota	57	68	-12	56	*	*	*	*	58	70	-12	58	*	*	*	*
Ohio	54	62	-6	53	50	*	67	-11	59	68	-10	59	55	51	62	-4
Oklahoma	64	72	-16	64	70	71	62	-15	62	74	-16	61	63	65	66	-8
Oregon	56	63	-7	56	*	*	60	-4	61	72	-14	61	*	52	71	-13
Pennsylvania	55	67	-11	55	57	54	62	-6	56	64	-6	56	54	68	59	-10
Rhode Island	49	60	-4	48	*	63	58	-7	54	65	-7	52	51	70	67	-12
South Carolina	57	67	-11	54	65	64	55	-9	58	69	-11	57	60	58	58	-2
South Dakota	54	64	-8	54	*	*	*	*	57	70	-12	56	*	*	63	-5
Tennessee	54	63	-7	52	67	*	*	-11	59	70	-12	57	65	*	65	-7
Texas	60	74	-18	55	65	72	73	-17	61	72	-14	59	54	68	68	-10
Utah	60	69	-13	60	*	66	68	-12	60	72	-14	59	*	63	64	-6
Vermont	51	61	-5	51	*	*	55	1	53	68	-10	52	*	*	75	-17
Virginia	49	72	-16	49	49	*	36	7	54	66	-8	54	53	71	59	-13
Washington	54	67	-11	54	58	58	55	-2	57	70	-12	56	55	68	62	-10
West Virginia	57	64	-8	57	*	*	63	-7	56	66	-8	56	59	*	62	-4
Wisconsin	53	63	-7	53	52	*	*	4	57	71	-13	57	55	*	64	-6
Wyoming	62	72	-16	61	*	70	72	-16	64	74	-16	63	*	67	64	-9
High	48	57	-21	44	46	49	36	-25	48	59	-19	46	50	41	50	-20
Low	64	77	-1	64	70	81	78	15	66	77	-1	66	69	78	77	8

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comparable over time.

\* Data for this sub-population not available.

Children without a medical home, by Income and Race/Ethnicity

	2007								2011/12							
	Low-Income			Race/Ethnicity					Low-Income			Race/Ethnicity				
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap
United States	42	55	-17	32	56	61	44	-17	46	58	-12	34	55	63	50	-16
Alabama	44	59	-17	35	58	59	48	-17	46	58	-12	37	57	62	48	-16
Alaska	48	57	-15	38	49	55	64	-22	48	57	-11	41	*	53	56	-10
Arizona	50	62	-20	40	65	59	47	-23	54	67	-21	41	69	62	60	-23
Arkansas	39	50	-8	31	58	63	44	-21	45	55	-9	34	69	68	43	-23
California	50	66	-24	34	58	62	41	-20	55	70	-24	36	49	66	54	-20
Colorado	41	53	-11	34	58	53	42	-16	45	59	-13	38	56	57	44	-11
Connecticut	38	57	-15	29	55	56	47	-14	42	58	-12	30	55	67	44	-21
Delaware	40	55	-13	31	53	62	39	-20	44	53	-7	33	55	58	52	-12
District of Columbia	50	64	-22	27	54	65	44	-23	50	62	-16	28	56	59	40	-13
Florida	43	52	-10	34	52	56	46	-14	50	62	-16	37	68	58	47	-22
Georgia	42	53	-11	29	54	56	45	-14	48	57	-11	36	54	73	52	-27
Hawaii	40	51	-9	35	*	42	40	0	43	53	-7	31	*	51	43	-5
Idaho	44	53	-11	40	*	66	40	-24	43	50	-4	40	*	54	44	-8
Illinois	44	59	-17	31	55	69	45	-27	44	61	-15	27	55	73	53	-27
Indiana	38	45	-3	35	53	54	33	-12	42	54	-8	37	55	65	41	-19
Iowa	33	44	-2	30	73	61	29	-31	33	43	3	29	48	52	47	-6
Kansas	39	49	-7	33	55	64	37	-22	41	53	-7	33	57	65	42	-19
Kentucky	38	44	-2	37	56	44	41	-14	44	52	-6	42	53	54	49	-8
Louisiana	45	58	-16	34	59	53	52	-17	44	54	-8	34	56	39	47	-10
Maine	34	42	0	33	*	43	41	-1	37	47	-1	36	*	29	39	7
Maryland	41	53	-11	30	53	58	43	-16	43	58	-12	30	53	60	48	-14
Massachusetts	34	47	-5	28	36	66	39	-24	37	52	-6	31	40	64	35	-18
Michigan	37	51	-9	33	51	46	43	-9	41	54	-8	32	66	61	50	-20
Minnesota	37	47	-5	32	59	62	46	-20	39	55	-9	32	65	71	47	-25
Mississippi	48	59	-17	35	63	68	46	-26	51	60	-14	39	58	84	67	-38
Missouri	35	44	-2	30	54	50	46	-12	38	47	-1	31	57	58	38	-12
Montana	38	45	-3	36	*	36	55	-13	42	50	-4	38	*	60	57	-14
Nebraska	31	42	0	25	43	64	34	-22	39	52	-6	32	49	58	59	-13
Nevada	55	70	-28	42	53	70	57	-28	55	69	-23	39	52	68	64	-22
New Hampshire	31	39	3	29	*	46	48	-6	33	51	-5	30	*	54	57	-11
New Jersey	43	63	-21	29	57	65	57	-23	47	57	-11	34	56	64	56	-18
New Mexico	51	62	-20	35	62	56	70	-28	52	61	-15	38	60	55	61	-15
New York	43	54	-12	31	55	63	48	-21	47	61	-15	37	48	61	58	-15
North Carolina	39	47	-5	30	48	59	53	-17	45	56	-10	32	60	64	47	-18
North Dakota	36	43	-1	32	*	50	56	-14	38	49	-3	34	*	49	49	-3
Ohio	34	47	-5	28	63	39	37	-21	43	52	-6	39	55	56	51	-10
Oklahoma	44	55	-13	38	58	64	47	-22	44	52	-6	40	51	57	41	-11
Oregon	37	51	-9	30	*	61	38	-19	43	52	-6	36	*	62	46	-16
Pennsylvania	38	52	-10	32	57	74	39	-32	41	56	-10	34	56	64	46	-18
Rhode Island	36	53	-11	28	42	62	41	-20	40	53	-7	30	63	61	47	-17
South Carolina	41	48	-6	34	50	56	54	-14	46	54	-8	34	58	68	46	-22
South Dakota	37	46	-4	30	*	54	60	-18	38	50	-4	32	*	49	60	-14
Tennessee	39	50	-8	32	58	53	41	-16	40	50	-4	33	54	62	39	-16
Texas	50	67	-25	29	67	63	41	-25	48	60	-14	32	44	60	51	-14
Utah	37	50	-8	30	*	73	36	-31	36	48	-2	29	*	57	48	-11
Vermont	33	41	1	32	*	41	35	1	31	40	6	31	*	28	37	9
Virginia	41	54	-12	32	54	61	49	-19	43	53	-7	32	56	74	45	-28
Washington	40	49	-7	33	80	57	44	-38	41	48	-2	35	57	55	41	-11
West Virginia	35	38	4	35	46	52	31	-10	39	46	0	37	52	47	47	-6
Wisconsin	37	53	-11	33	47	61	44	-19	34	44	2	29	49	49	40	-3
Wyoming	41	49	-7	37	*	59	58	-17	41	48	-2	36	*	57	58	-12
High	31	38	-28	25	36	36	29	-38	31	40	-24	27	40	28	35	-38
Low	55	70	4	42	80	74	70	1	55	70	6	42	69	84	67	9

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comparable over time.

\* Data for this sub-population not available.

Children without a medical and dental preventive care visit in the past year, by  
Income and Race/Ethnicity<sup>a</sup>

Medicare beneficiaries who received at  
least one drug that should be avoided in  
the elderly, by Income<sup>a,b</sup>

	2011/12								2010		
	Total	Low-Income		Race/Ethnicity					Total	Low Income	Gap
		Income	Gap	White	Black	Hispanic	Other	Gap			
United States	32	40		29	32	36	35		25	30	
Alabama	30	37	-5	28	33	39	27	-7	39	44	-19
Alaska	41	48	-16	39	39	36	44	-12	21	23	2
Arizona	35	41	-9	34	15	38	37	-6	24	27	-2
Arkansas	38	42	-10	36	40	33	48	-16	36	42	-17
California	35	45	-13	34	21	36	34	-4	24	27	-2
Colorado	30	38	-6	28	15	34	39	-7	23	27	-2
Connecticut	21	29	3	16	28	27	25	4	17	20	5
Delaware	28	37	-5	22	29	41	39	-9	23	25	0
District of Columbia	23	28	4	19	21	39	17	-7	18	21	4
Florida	40	48	-16	37	43	42	44	-12	26	32	-7
Georgia	35	44	-12	31	34	48	30	-16	35	40	-15
Hawaii	27	36	-4	27	*	29	26	3	23	19	6
Idaho	41	41	-9	42	*	34	42	-10	28	35	-10
Illinois	26	34	-2	22	31	28	32	0	19	24	1
Indiana	31	41	-9	29	27	36	45	-13	27	34	-9
Iowa	30	37	-5	28	28	36	39	-7	19	25	0
Kansas	30	38	-6	30	24	31	35	-3	26	32	-7
Kentucky	32	37	-5	30	30	49	43	-17	33	39	-14
Louisiana	33	35	-3	35	28	43	37	-11	37	44	-19
Maine	27	37	-5	26	*	43	40	-11	18	22	3
Maryland	27	36	-4	22	31	33	30	-1	19	22	3
Massachusetts	21	29	3	17	34	26	31	-2	15	17	8
Michigan	32	40	-8	29	38	44	38	-12	24	29	-4
Minnesota	40	48	-16	40	41	41	41	-9	15	20	5
Mississippi	40	46	-14	38	41	56	42	-24	39	45	-20
Missouri	35	45	-13	34	30	41	33	-9	27	34	-9
Montana	39	42	-10	39	*	50	36	-18	23	30	-5
Nebraska	30	36	-4	29	25	31	37	-5	24	33	-8
Nevada	44	50	-18	42	40	50	38	-18	26	32	-7
New Hampshire	21	30	2	20	*	25	25	7	18	25	0
New Jersey	24	34	-2	21	30	25	24	2	18	24	1
New Mexico	30	33	-1	28	25	32	30	0	25	29	-4
New York	27	36	-4	20	31	34	35	-3	17	19	6
North Carolina	33	41	-9	29	31	39	40	-8	31	38	-13
North Dakota	39	47	-15	37	*	47	42	-15	19	23	2
Ohio	29	39	-7	28	32	42	32	-10	26	32	-7
Oklahoma	38	43	-11	39	37	42	31	-10	33	41	-16
Oregon	37	45	-13	33	*	48	36	-16	23	28	-3
Pennsylvania	27	32	0	24	36	37	37	-5	21	25	0
Rhode Island	24	33	-1	19	40	29	27	-8	16	21	4
South Carolina	36	38	-6	34	38	37	34	-6	34	40	-15
South Dakota	41	46	-14	40	*	35	44	-12	18	21	4
Tennessee	30	34	-2	29	27	38	35	-6	34	42	-17
Texas	32	37	-5	32	29	32	40	-8	32	35	-10
Utah	39	47	-15	36	*	50	41	-18	26	29	-4
Vermont	19	21	11	20	*	19	16	13	16	20	5
Virginia	30	36	-4	27	28	38	36	-6	26	31	-6
Washington	28	33	-1	28	21	34	19	-2	23	27	-2
West Virginia	26	32	0	25	28	28	33	-1	29	33	-8
Wisconsin	32	44	-12	30	42	41	27	-10	18	21	4
Wyoming	35	41	-9	34	*	42	29	-10	22	28	-3
High	19	21	-18	16	15	19	16	-24	15	17	-20
Low	44	50	11	42	43	56	48	13	39	45	8

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level. White, black, and other race definitions exclude self-identified hispanics.

Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comerable over time.

(b) Low-income refers to Medicare beneficiaries who receive a subsidy to help pay for prescription drug coverage at any time during the year.

\* Data for this sub-population not available.

Mortality amenable to health care, deaths per 100,000 population, by Race

	2004/05				2009/10			
	Total	Race/Ethnicity			Total	Race/Ethnicity		
		White	Black	Gap		White	Black	Gap
United States	96	86	183	-93	86	78	159	-81
Alabama	117	97	189	-93	114	96	180	-84
Alaska	77	67	112	-16	74	64	*	*
Arizona	88	85	146	-50	74	71	126	-40
Arkansas	121	108	219	-123	116	104	202	-116
California	86	84	175	-79	75	73	150	-64
Colorado	72	71	128	-32	62	61	111	-25
Connecticut	77	72	137	-41	67	62	123	-37
Delaware	97	87	148	-52	90	78	146	-60
District of Columbia	158	56	220	-124	119	46	170	-84
Florida	91	81	167	-71	83	74	145	-59
Georgia	114	91	190	-94	103	83	163	-77
Hawaii	80	73	68	28	78	62	*	*
Idaho	74	74	*	*	67	66	*	*
Illinois	101	86	209	-113	90	78	180	-94
Indiana	101	95	186	-90	93	87	167	-81
Iowa	79	78	144	-48	74	72	*	*
Kansas	85	80	170	-74	78	74	145	-59
Kentucky	110	106	176	-80	106	102	175	-89
Louisiana	137	106	221	-125	123	98	190	-104
Maine	78	77	*	*	67	67	*	*
Maryland	107	87	172	-76	95	76	149	-63
Massachusetts	78	77	125	-29	65	64	98	-12
Michigan	102	87	208	-112	90	77	189	-103
Minnesota	64	61	129	-33	57	54	119	-33
Mississippi	142	108	221	-125	136	104	204	-118
Missouri	103	94	196	-100	95	87	172	-86
Montana	73	70	*	*	73	69	*	*
Nebraska	72	69	167	-71	67	65	145	-59
Nevada	112	109	191	-95	97	95	156	-70
New Hampshire	73	73	86	10	60	60	*	*
New Jersey	90	81	169	-73	77	70	141	-55
New Mexico	83	82	108	-12	81	79	114	-28
New York	93	85	149	-53	82	75	129	-43
North Carolina	108	89	186	-90	95	81	157	-71
North Dakota	73	70	*	*	75	69	*	*
Ohio	106	96	197	-101	94	85	169	-83
Oklahoma	115	109	196	-100	112	103	193	-107
Oregon	75	75	135	-39	65	65	*	*
Pennsylvania	99	90	193	-97	86	78	173	-87
Rhode Island	86	84	141	-45	74	71	*	*
South Carolina	115	92	188	-92	102	83	163	-77
South Dakota	81	74	*	*	71	63	*	*
Tennessee	118	104	213	-117	110	98	187	-101
Texas	100	92	194	-98	94	87	170	-84
Utah	64	64	86	10	62	61	*	*
Vermont	68	69	*	*	58	58	*	*
Virginia	96	81	176	-80	85	73	151	-65
Washington	74	73	119	-23	65	63	108	-22
West Virginia	112	111	171	-75	107	106	152	-66
Wisconsin	78	72	180	-84	71	65	178	-92
Wyoming	75	75	*	*	82	80	*	*
High	64	56	68	-125	57	46	98	-118
Low	158	111	221	28	136	106	204	-12

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comerable over time.

\* Data for this sub-population not available.

Infant mortality, deaths per 1,000 live births, by Race

	2003/04						2008/09					
	Total	Race/Ethnicity					Total	Race/Ethnicity				
		White	Black	Hispanic	Other	Gap		White	Black	Hispanic	Other	Gap
United States	6.8	5.7	13.6	5.6	6.2	-6.4	6.5	5.4	12.5	5.4	5.8	-6.5
Alabama	8.6	6.5	13.2	8.0	6.7	-6.4	9.0	7.0	13.0	7.6	*	-6.5
Alaska	7.1	5.7	*	*	8.8	-2.0	6.4	3.8	*	*	10.8	-4.3
Arizona	6.7	5.8	11.5	6.8	8.3	-4.7	6.3	5.6	15.1	5.5	8.4	-8.6
Arkansas	8.6	7.5	13.3	6.5	*	-6.5	7.6	6.5	12.3	5.5	6.7	-5.8
California	5.2	4.5	11.1	5.0	4.9	-4.3	5.0	4.1	10.2	4.9	5.1	-3.7
Colorado	6.1	5.2	16.8	6.6	5.6	-10.0	6.2	5.2	12.3	7.1	7.5	-5.8
Connecticut	5.4	4.0	11.4	7.7	2.6	-4.6	5.7	4.1	12.4	6.4	5.8	-5.9
Delaware	9.5	6.8	16.5	6.7	*	-9.7	9.1	5.4	16.4	*	*	-9.9
District of Columbia	11.7	3.1	15.9	8.0	*	-9.1	11.2	3.8	15.9	6.3	*	-9.4
Florida	7.2	5.8	13.0	5.0	9.1	-6.2	7.1	5.6	12.6	5.2	6.8	-6.1
Georgia	8.5	6.2	13.7	5.6	7.4	-6.9	7.7	5.6	12.0	5.3	5.9	-5.5
Hawaii	6.7	4.1	15.5	10.1	6.9	-8.7	5.8	4.6	*	7.3	6.1	-0.8
Idaho	6.1	6.2	*	5.5	*	1.3	5.6	5.1	*	8.2	*	-1.7
Illinois	7.6	6.1	15.3	6.2	4.0	-8.5	7.1	5.6	13.9	5.9	4.8	-7.4
Indiana	7.8	6.9	15.2	6.2	4.5	-8.4	7.3	6.4	14.1	7.0	6.4	-7.6
Iowa	5.4	5.1	11.0	5.6	6.5	-4.2	5.3	4.8	12.2	7.1	*	-5.7
Kansas	7.1	6.6	13.8	5.9	7.3	-7.0	7.2	6.7	14.0	6.5	7.2	-7.5
Kentucky	6.8	6.5	10.8	6.0	*	-4.0	7.0	6.6	10.7	5.3	*	-4.2
Louisiana	9.9	7.1	13.9	*	6.5	-7.1	9.1	7.1	12.2	3.8	6.7	-5.7
Maine	5.2	5.2	*	*	*	*	5.6	5.6	*	*	*	*
Maryland	8.3	5.4	14.5	5.8	4.4	-7.7	7.6	4.9	13.1	4.4	4.1	-6.6
Massachusetts	4.8	3.8	10.5	6.8	4.6	-3.7	5.1	3.9	10.2	7.6	4.8	-3.7
Michigan	8.1	6.3	16.4	6.5	6.4	-9.6	7.5	5.7	14.5	6.6	7.1	-8.0
Minnesota	4.6	4.2	7.9	3.6	5.6	-1.1	5.3	4.5	10.8	4.7	6.0	-4.3
Mississippi	10.5	6.9	14.8	*	10.4	-8.0	10.1	7.5	13.1	5.8	10.7	-6.6
Missouri	7.7	6.6	13.9	7.6	6.8	-7.1	7.1	6.1	13.4	4.6	4.0	-6.9
Montana	5.6	5.2	*	*	8.0	-1.2	6.6	6.2	*	*	9.7	-3.2
Nebraska	6.0	5.3	14.4	5.2	8.2	-7.6	5.4	4.6	13.1	6.2	5.6	-6.6
Nevada	6.0	5.8	12.1	4.4	7.3	-5.3	5.5	5.4	9.6	4.8	4.8	-3.1
New Hampshire	4.7	4.7	*	*	*	*	4.4	4.4	*	*	*	*
New Jersey	5.6	3.9	11.8	5.4	5.6	-5.0	5.4	3.9	12.4	4.8	2.9	-5.9
New Mexico	6.0	7.1	*	5.1	6.8	0.0	5.3	5.6	13.0	5.2	4.6	-6.5
New York	6.1	4.6	12.1	5.6	4.5	-5.3	5.4	4.2	10.9	5.0	4.0	-4.4
North Carolina	8.5	6.1	15.6	7.0	7.8	-8.8	8.1	5.8	14.7	5.9	7.8	-8.2
North Dakota	6.5	6.2	*	*	8.4	-1.6	5.9	4.4	*	*	15.6	-9.1
Ohio	7.6	6.3	15.2	7.4	5.9	-8.4	7.7	6.3	14.9	6.4	6.4	-8.4
Oklahoma	7.8	7.4	13.2	6.3	7.6	-6.4	7.6	6.8	13.9	6.3	7.9	-7.4
Oregon	5.5	5.4	8.5	5.1	7.4	-1.7	5.0	4.9	9.3	4.7	5.4	-2.8
Pennsylvania	7.3	5.8	13.6	7.3	12.8	-6.8	7.2	5.5	12.6	8.6	14.1	-7.6
Rhode Island	6.0	5.1	10.3	6.2	6.6	-3.5	6.1	4.4	10.4	6.8	11.7	-5.2
South Carolina	8.9	6.3	13.8	6.7	7.3	-7.0	7.6	5.7	11.5	5.9	4.4	-5.0
South Dakota	7.4	6.1	*	*	13.7	-6.9	7.4	6.0	*	*	13.3	-6.8
Tennessee	8.9	6.9	17.2	6.1	6.5	-10.4	8.1	6.3	14.7	6.9	3.9	-8.2
Texas	6.4	5.9	12.1	5.6	5.4	-5.3	6.1	5.5	10.9	5.5	4.5	-4.4
Utah	5.1	4.6	17.8	6.6	7.9	-11.0	5.0	4.7	9.0	6.0	6.2	-2.5
Vermont	4.8	4.8	*	*	*	*	5.2	5.2	*	*	*	*
Virginia	7.5	6.0	13.6	5.5	5.6	-6.8	7.0	5.6	12.1	6.0	4.8	-5.6
Washington	5.5	5.0	8.7	5.2	7.3	-1.9	5.2	4.9	7.3	5.7	5.2	-0.8
West Virginia	7.4	7.2	12.3	*	*	-5.5	7.8	7.6	10.9	*	*	-4.4
Wisconsin	6.2	4.9	17.3	5.8	7.3	-10.5	6.5	5.4	13.8	6.3	7.8	-7.3
Wyoming	7.4	6.8	*	*	17.3	-10.5	6.2	5.9	*	8.4	*	-1.9
High	5	3	8	4	3	-11	4	4	7	4	3	-10
Low	12	8	18	10	17	1	11	8	16	9	16	-1

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comerable over time.

\* Data for this sub-population not available.



Adults with poor health-related quality of life, by Income and Race/Ethnicity

	2007								2012							
	Low-Income			Race/Ethnicity					Low-Income			Race/Ethnicity				
	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap	Total	Low Income	Gap	White	Black	Hispanic	Other	Gap
United States	24	38		22	28	32	22		27	42		26	31	33	24	
Alabama	30	44	-20	30	29	27	38	-14	36	52	-25	35	38	30	41	-14
Alaska	27	40	-16	25	*	27	32	-8	26	36	-9	24	35	20	30	-8
Arizona	25	38	-14	24	31	26	29	-7	29	43	-16	29	35	32	22	-8
Arkansas	28	42	-18	27	27	34	40	-16	33	46	-19	32	35	28	45	-18
California	26	38	-14	21	27	35	18	-11	30	41	-14	27	35	36	20	-9
Colorado	23	37	-13	19	24	35	21	-11	26	41	-14	23	32	35	28	-8
Connecticut	20	38	-14	18	25	30	21	-6	23	43	-16	21	24	35	18	-8
Delaware	25	39	-15	23	26	37	30	-13	24	38	-11	23	26	21	21	1
District of Columbia	22	42	-18	13	29	28	19	-5	24	39	-12	15	32	27	22	-5
Florida	23	37	-13	22	24	25	30	-6	30	46	-19	29	31	29	35	-8
Georgia	23	39	-15	22	27	21	18	-3	27	41	-14	26	28	25	27	-1
Hawaii	22	30	-6	23	*	25	22	-1	23	33	-6	23	34	30	21	-7
Idaho	25	35	-11	24	*	33	32	-9	27	37	-10	26	*	33	31	-6
Illinois	24	37	-13	20	31	35	10	-11	26	40	-13	23	30	33	22	-6
Indiana	23	37	-13	21	38	27	32	-14	29	45	-18	28	40	23	32	-13
Iowa	21	35	-11	20	23	30	22	-6	23	40	-13	22	40	32	23	-13
Kansas	21	34	-10	20	28	23	29	-5	25	42	-15	23	33	28	32	-6
Kentucky	29	45	-21	29	29	*	*	-5	33	49	-22	33	32	28	46	-19
Louisiana	25	38	-14	23	31	24	20	-7	31	50	-23	29	36	18	30	-9
Maine	24	39	-15	24	*	*	35	-11	27	47	-20	26	*	36	39	-12
Maryland	22	35	-11	22	22	28	19	-4	24	44	-17	24	23	33	17	-6
Massachusetts	21	42	-18	20	24	35	18	-11	23	41	-14	22	23	36	20	-9
Michigan	24	38	-14	23	33	28	20	-9	29	46	-19	26	39	34	35	-12
Minnesota	18	32	-8	18	22	*	14	2	20	35	-8	19	25	29	27	-2
Mississippi	28	39	-15	26	32	23	36	-12	32	47	-20	31	33	45	22	-18
Missouri	24	39	-15	24	27	*	24	-3	29	46	-19	28	31	33	35	-8
Montana	25	37	-13	24	*	10	36	-12	28	42	-15	26	*	38	44	-17
Nebraska	20	32	-8	19	19	25	21	-1	24	39	-12	22	36	31	20	-9
Nevada	26	36	-12	24	27	25	32	-8	30	42	-15	31	34	29	21	-7
New Hampshire	23	44	-20	23	*	29	23	-5	24	46	-19	25	*	12	21	6
New Jersey	23	42	-18	19	33	34	18	-10	23	37	-10	20	26	33	13	-6
New Mexico	27	38	-14	25	*	29	25	-5	31	41	-14	28	26	34	32	-7
New York	26	40	-16	21	28	43	19	-19	26	37	-10	23	33	36	21	-9
North Carolina	26	39	-15	24	30	33	27	-9	27	43	-16	24	29	39	32	-12
North Dakota	17	26	-2	16	*	*	21	3	19	35	-8	19	*	*	11	16
Ohio	25	43	-19	23	40	39	38	-16	27	44	-17	26	36	28	27	-9
Oklahoma	29	42	-18	28	33	30	34	-10	31	48	-21	32	29	29	32	-5
Oregon	27	33	-9	26	*	22	36	-12	33	50	-23	32	*	38	30	-11
Pennsylvania	23	37	-13	22	30	36	22	-12	26	42	-15	25	31	35	31	-8
Rhode Island	24	41	-17	23	28	33	27	-9	26	43	-16	23	30	36	32	-9
South Carolina	24	37	-13	24	26	16	32	-8	28	42	-15	29	30	21	29	-3
South Dakota	20	30	-6	19	*	*	25	-1	22	33	-6	21	*	28	29	-2
Tennessee	25	39	-15	26	22	*	12	2	30	48	-21	30	29	27	23	-2
Texas	27	38	-14	24	29	30	24	-6	27	42	-15	24	30	30	17	-3
Utah	20	27	-3	19	*	27	20	-3	23	34	-7	22	*	30	21	-3
Vermont	21	36	-12	20	*	37	31	-13	22	39	-12	22	*	*	34	-7
Virginia	21	30	-6	20	20	32	17	-8	26	45	-18	25	29	27	26	-2
Washington	26	37	-13	25	23	31	30	-7	29	43	-16	29	30	34	25	-7
West Virginia	31	46	-22	31	43	*	41	-19	35	53	-26	34	38	*	44	-17
Wisconsin	19	28	-4	18	33	33	28	-9	23	39	-12	22	33	34	26	-7
Wyoming	22	32	-8	21	*	26	22	-2	22	38	-11	22	*	23	30	-3
High	17	26	-22	13	19	10	10	-19	19	33	-26	15	23	12	11	-19
Low	31	46	-2	31	43	43	41	3	36	53	-6	35	40	45	46	16

Notes:

Low-income refers to persons residing in households with annual income under 200% Federal Poverty Level unless otherwise noted. White, black, and other race definitions exclude self-identified hispanics. Gaps measure the difference between the states' most vulnerable group, separately by income or race/ethnicity, and the U.S. national average for each indicator.

(a) Historic data not available or data are not comparable over time.

\* Data for this sub-population not available.

## Appendix Exhibit B1. State Scorecard Data Years and Databases

Indicator	Past year	Current year	Database
<b>Access and Affordability Dimension Summary</b>			
1 Adults ages 19–64 uninsured	2007–08	2011–12	CPS ASEC
2 Children ages 0–18 uninsured	2007–08	2011–12	CPS ASEC
3 Adults who went without care because of cost in past year	2007	2012	BRFSS
4 Individuals under age 65 with high out-of-pocket medical costs relative to their annual household income	— <sup>a</sup>	2011–12	CPS ASEC
5 At-risk adults without a routine doctor visit in past two years	2007	2012	BRFSS
6 Adults without a dental visit in past year	2006	2012	BRFSS
<b>Prevention and Treatment Dimension Summary</b>			
7 Adults with a usual source of care	2007	2012	BRFSS
8 Adults ages 50 and older who received recommended screening and preventive care	2006	2012	BRFSS
9 Children with a medical home	2007	2011/12	NSCH
10 Children with a medical and dental preventive care visit in the past year	— <sup>a</sup>	2011/12	NSCH
11 Children with emotional, behavioral, or developmental problems who received needed mental health care in the past year	2007	2011/12	NSCH
12 Children ages 19–35 months who received all recommended doses of seven key vaccines	2009	2012	NIS
13 Medicare beneficiaries who received at least one drug that should be avoided in the elderly	2007	2011	5% Medicare enrolled in Part D
14 Medicare beneficiaries with dementia, hip/pelvic fracture, or chronic renal failure who received a prescription drug that is contraindicated for that condition	2007	2011	5% Medicare enrolled in Part D
15 Medicare fee-for-service patients whose health provider always listens, explains, shows respect, and spends enough time with them	2007	2013	CAHPS (via AHRQ National Healthcare Quality Report)
16 Risk-adjusted 30-day mortality among Medicare beneficiaries hospitalized for heart attack, heart failure, or pneumonia	07/2005–06/2008	07/2008–06/2011	CMS Hospital Compare
17 Hospitalized patients given information about what to do during their recovery at home	2007	2011	HCAHPS (via CMS Hospital Compare)
18 Hospitalized patients who 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	2007	2011	HCAHPS (via CMS Hospital Compare)
19 Home health patients who get better at walking or moving around	— <sup>a</sup>	04/2012–03/2013	OASIS (via CMS Home Health Compare)
20 Home health patients whose wounds improved or healed after an operation	— <sup>a</sup>	04/2012–03/2013	OASIS (via CMS Home Health Compare)
21 High-risk nursing home residents with pressure sores	— <sup>a</sup>	07/2012–03/2013	MDS (via CMS Nursing Home Compare)
22 Long-stay nursing home residents with an antipsychotic medication	— <sup>a</sup>	07/2012–03/2013	MDS (via CMS Nursing Home Compare)
<b>Avoidable Hospital Use and Cost Dimension Summary</b>			
23 Hospital admissions for pediatric asthma, per 100,000 children	2004	2010	HCUP (via AHRQ National Healthcare Quality Report)
24 Hospital admissions for ambulatory care-sensitive conditions: Medicare beneficiaries ages 65–74 and age 75 and older	2008	2012	CCW (via CMS Geographic Variation Public Use File)
25 Medicare 30-day hospital readmissions, rate per 1,000 beneficiaries	2008	2012	CCW (via CMS Geographic Variation Public Use File)
26 Short-stay nursing home residents readmitted within 30 days of hospital discharge to nursing home	2006	2010	MedPAR, MDS
27 Long-stay nursing home residents hospitalized within a six-month period	2006	2010	MedPAR, MDS
28 Home health patients also enrolled in Medicare with a hospital admission	— <sup>a</sup>	2012	Medicare Claims (via CMS Home Health Compare)
29 Potentially avoidable emergency department visits among Medicare beneficiaries, per 1,000 beneficiaries	— <sup>a</sup>	2011	5% Medicare SAF
30 Total single premium per enrolled employee at private-sector establishments that offer health insurance	2008	2012	MEPS
31 Total Medicare (Parts A & B) reimbursements per enrollee	2008	2012	CCW (via CMS Geographic Variation Public Use File)
<b>Healthy Lives Dimension Summary</b>			
32 Mortality amenable to health care, deaths per 100,000 population	2004–05	2009–10	CDC NVSS: Mortality Restricted Use File
33 Years of potential life lost before age 75	2005	2010	CDC NVSS: WISQARS
34 Breast cancer deaths per 100,000 female population	2005	2010	CDC NVSS: WONDER
35 Colorectal cancer deaths per 100,000 population	2005	2010	CDC NVSS: WONDER
36 Suicide deaths per 100,000 population	2005	2010	CDC NVSS: WONDER
37 Infant mortality, deaths per 1,000 live births	2004	2009	CDC NVSS: WONDER
38 Adults ages 18–64 who report fair/poor health or activity limitations because of physical, mental, or emotional problems	2007	2012	BRFSS
39 Adults who smoke	2007	2012	BRFSS
40 Adults ages 18–64 who are obese (BMI ≥ 30)	2007	2012	BRFSS
41 Children ages 10–17 who are overweight or obese (BMI ≥ 85th percentile)	2007	2011/12	NSCH
42 Percent of adults ages 18–64 who have lost six or more teeth because of tooth decay, infection, or gum disease	2006	2012	BRFSS

Note: (a) Previous data not available or its definition is not comparable over time.  
Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

## Appendix B2. Scorecard Indicator Descriptions and Source Notes

**1. Percent of adults ages 19-64 uninsured:** Authors' analysis of Annual Social and Economic Supplement to the Current Population Survey (CPS ASEC) using the CPS Table Creator online at <http://www.census.gov/cps/data/cpstablecreator.html> (U.S. Census Bureau, CPS ASES, 2007, 2008, 2012, 2013).

**2. Percent of children ages 0-18 uninsured:** Authors' analysis of Annual Social and Economic Supplement to the Current Population Survey (CPS ASEC) using the CPS Table Creator online at <http://www.census.gov/cps/data/cpstablecreator.html> (U.S. Census Bureau, CPS ASES, 2007, 2008, 2012, 2013).

**3. Percent of adults who went without care because of cost in the past year:** Authors' analysis of 2007 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2007, 2012).

**4. Percent of individuals under age 65 with high out-of-pocket medical spending relative to their annual income:** This indicator is new to the *State Scorecard*, 2014 edition. Out-of-pocket medical expenses equaled 10 percent or more of income, or five percent or more of income if low-income (under 200% of Federal Poverty Level), not including health insurance premiums. C. Solis-Roman, Robert F. Wagner School of Public Service, New York University, analysis of 2012, 2013 Current Population Survey, Annual Social and Economic Supplement (U.S. Census Bureau, CPS ASES 2012, 2013).

**5. At-risk adults without a routine doctor visit in past two years:** Percent of adults age 50 or older, or in fair or poor health, or ever told they have diabetes or pre-diabetes, acute myocardial infarction, heart disease, stroke, or asthma who did not visit a doctor for a routine checkup in the past two years. Authors' analysis of 2007 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2007, 2012).

**6. Percent of adults without a dental visit in the past year:** This indicator is new to the *State Scorecard*, 2014 edition. Percent of adults who did not visit a dentist, or dental clinic within the past year. Authors' analysis of 2006 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2006, 2012).

**7. Percent of adults with a usual source of care:** Percent of adults ages 18 and older who have one (or more) person they think of as their personal healthcare provider. Authors' analysis of 2007 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2007, 2012).

**8. Percent of adults age 50 and older received recommended screening and preventive care:** Percent of adults age 50 and older who have received: sigmoidoscopy or colonoscopy in the last ten years or a fecal occult blood test in the last two years; a mammogram in the last two years (women only); a pap smear in the last three years (women only); and a flu shot in the past year and a pneumonia vaccine ever (age 65 and older only). Authors' analysis of 2006 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2006, 2012).

**9. Percent of children with a medical home:** Percent of children who have a personal doctor or nurse, have a usual source for sick and well care, receive family-centered care, have no problems getting needed referrals, and receive effective care coordination when needed. For more information, see [www.childhealthdata.org](http://www.childhealthdata.org). Authors' analysis of 2007 and 2011/12 National Survey of Children's Health (CAHMI, NSCH 2007, 2011/12).

**10. Percent of children with a medical and dental preventive care visit in the past year:** Percent of children 0-17 with a preventive medical visit and, if ages 1-17, a preventive dental visit in the past year. Current data (2011-12) and past data (2007), reported in the 2009 *State Scorecard*, are not comparable because of changes in survey design. For more information, see [www.childhealthdata.org](http://www.childhealthdata.org). Authors' analysis of 2011/12 National Survey of Children's Health (CAHMI, NSCH 2011/12).

**11. Percent of children with emotional, behavioral, or developmental problems who received needed mental health care in the past year:** Percent of children ages 2-17 who had any kind of emotional, developmental, or behavioral problem that required treatment or counseling and who received treatment from a mental health professional

(as defined) during the past 12 months. For more information, see [www.childhealthdata.org](http://www.childhealthdata.org). Authors' analysis of 2007 and 2011/12 National Survey of Children's Health (CAHMI, NSCH 2007, 2011/12).

**12. Percent of children ages 19-35 months who received all recommended doses of seven key vaccines:** Percent of children ages 19-35 months who received at least 4 doses of diphtheria, tetanus, and acellular pertussis (DTaP/DT/DTP) vaccine; at least 3 doses of poliovirus vaccine; at least 1 dose of measles-containing vaccine (including mumps-rubella(MMR) vaccine); full series of Haemophilus influenzae type b (Hib) vaccine (3 or 4 doses depending on product type); at least 3 doses of hepatitis B vaccine (HepB); at least 1 dose of varicella vaccine, and at least 4 doses of pneumococcal conjugate vaccine (PCV). This indicator is modified from that reported in the 2009 *State Scorecard*, reflecting changes in vaccination standards. Data from the 2009 and 2012 National Immunization Survey (NCHS, NIS 2009, 2012).

**13. Percent of Medicare beneficiaries received at least one drug that should be avoided in the elderly:** This indicator is new to the *State Scorecard*, 2014 edition. Percent of Medicare beneficiaries age 65 and older received at least one drug from a list of 13 classes of high-risk prescriptions that should be avoided by the elderly. Y. Zhang and S.H. Baik, University of Pittsburgh, analysis of 2007, 2010, and 2011 5% sample of Medicare beneficiaries enrolled in stand-alone Medicare Part D plans. (2010 data used for stratification by income for equity analysis.)

**14. 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:** This indicator is new to the *State Scorecard*, 2014 edition. Y. Zhang and S.H. Baik, University of Pittsburgh, analysis of 2007, 2011 5% sample of Medicare beneficiaries enrolled in stand-alone Medicare Part D plans.

**15. Medicare fee-for-service patients whose health provider always listens, explains, shows respect, and spends enough time with them:** Percent of Medicare fee-for-service patients who had a doctor's office or clinic visit in the last 12 months whose health providers always listened carefully, explained things clearly, respected what they had to say, and spent enough time with them. Data from National Consumer Assessment of Healthcare Providers and Systems (CAHPS) Benchmarking Database (AHRQ, CAHPS n.d.), reported in *National Healthcare Quality Report* (AHRQ 2007, 2013).

**16. Risk-adjusted 30-day mortality among Medicare patients hospitalized for heart attack, heart failure or pneumonia:** This indicator is new to the *State Scorecard*, 2014 edition. Risk-standardized, all-cause 30-day mortality rates for Medicare patients age 65 and older hospitalized with a principal diagnosis of heart attack, heart failure or pneumonia between July 2005 and June 2008 and July 2008 and June 2011. All-cause mortality is defined as death from any cause within 30 days after the index admission, regardless of whether the patient dies while still in the hospital or after discharge. Authors' analysis of Medicare enrollment and claims data retrieved September 2013 from CMS Hospital Compare (DHHS n.d.).

**17. Percent of hospitalized patients who were given information about what to do during their recovery at home:** This indicator is modified from that reported in the 2009 *State Scorecard*, expanding from discharges among heart failure patients to include all discharges. Authors' analysis of Hospital Consumer Assessment of Healthcare Providers and Systems Survey data (HCAHPS n.d.) retrieved September 2013 from CMS Hospital Compare (DHHS n.d.).

**18. 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:** This indicator is new to the *State Scorecard*, 2014 edition. Authors' analysis of Hospital Consumer Assessment of Healthcare Providers and Systems Survey data (HCAHPS n.d.) retrieved September 2013 from CMS Hospital Compare (DHHS n.d.).

**19. Home health patients who get better at walking or moving around:** Percent of all home health episodes in which a person improved

at walking or moving around compared to a prior assessment. Episodes for which the patient, at start or resumption of care, was able to ambulate independently are excluded. Current data (4/2012-3/2013) and past data (2007), reported in the 2009 *State Scorecard*, are not comparable because of changes in the underlying clinical assessment instrument and data collection processes. Authors' analysis of April 2012 -March 2013 Outcome and Assessment Information Set (CMS, OASIS n.d.) data retrieved September 2013 from CMS Home Health Compare (DHHS n.d.).

**20. Home health patients whose wounds improved or healed after an operation:** This indicator is new to the *State Scorecard*, 2014 edition. Percent of all home health episodes in which a person's surgical wound is more fully healed compared to a prior assessment. Episodes for which the patient, at start or resumption of care, did not have any surgical wounds or had only a surgical wound that was unobservable are excluded. Authors' analysis of April 2012-March 2013 Outcome and Assessment Information Set (CMS, OASIS n.d.) data retrieved September 2013 from CMS Home Health Compare (DHHS n.d.).

**21. High-risk nursing home residents with pressure sores:** Percent of long-stay nursing home residents impaired in bed mobility or transfer, comatose, or malnourished who have pressure sores (Stages 1-4) on target assessment. Current data (7/2012-3/2013) and past data (2007), reported in the 2009 *State Scorecard*, are not comparable because of changes in the underlying clinical assessment instrument and data collection processes. Authors' analysis of April 2012 -March 2013 Minimum Data Set (CMS, MDS n.d.) retrieved September 2013 from CMS Nursing Home Compare ( DHHS n.d.).

**22. Long-stay nursing home residents with an antipsychotic medication:** This indicator is new to the *State Scorecard*, 2014 edition. The percent of long-stay nursing home residents that received an antipsychotic medication, excluding residents with Schizophrenia, Tourette's syndrome, and Huntington's disease. Authors' analysis of CMS Minimum Data Set (CMS, MDS n.d.) retrieved September 2013 from CMS Nursing Home Compare.

**23. Hospital admissions for pediatric asthma, per 100,000 children (ages 2-17):** Excludes patients with cystic fibrosis or anomalies of the respiratory system, and transfers from other institutions. Authors' analysis of 2004 and 2010 Healthcare Cost and Utilization Project State Inpatient Databases; not all states participate in HCUP. Estimates for total U.S. are from the Nationwide Inpatient Sample (AHRQ, HCUP-TSID 2004, 2010). Reported in the *National Healthcare Quality Report* (AHRQ 2004, 2010).

**24. Hospital admissions for ambulatory care-sensitive conditions, per 1,000 beneficiaries:**

**Medicare beneficiaries ages 65-74:**

**Medicare beneficiaries ages 75 and older:**

Hospital admissions of fee-for-service Medicare beneficiaries age 65-74 and 75 and older for one of the following eight ambulatory care-sensitive (ACS) conditions: long-term diabetes complications, lower extremity amputation among patients with diabetes, asthma or chronic obstructive pulmonary disease, hypertension, congestive heart failure, dehydration, bacterial pneumonia, and urinary tract infection. This indicator is modified from that reported in the 2009 *State Scorecard*, which included 11 ACS conditions in the composite measures. Authors' analysis of 2008 and 2012 Chronic Conditions Warehouse (CCW) data, retrieved from the December 2013 CMS Geographic Variation Public Use File (CMS, Office of Information Products and Analytics (OPIDA) 2013).

**25. Medicare 30-day hospital readmissions, rate per 1,000 beneficiaries:** All hospital admissions among Medicare beneficiaries age 65 and older that were readmitted within 30 days of an acute hospital stay for any cause. A correction was made to account for likely transfers between hospitals. This indicator is modified from that reported in the 2009 *State Scorecard*, which included readmissions for only select index admission diagnoses. Authors' analysis of 2008 and 2012 Chronic Conditions Warehouse (CCW) data, retrieved from the December 2013 CMS Geographic Variation Public Use File (CMS, Office of Information Products and Analytics (OPIDA) 2013).

**26. Percent of short-stay nursing home residents readmitted within 30 days of hospital discharge to the nursing home:** Percent of newly

admitted nursing home residents (never been in a facility before) who are re-hospitalized within 30 days of being discharged to nursing home.V. Mor, Brown University, analysis of 2010 Medicare enrollment data and Medicare Provider and Analysis Review (CMS, MEDPAR 2010).

**27. Percent of long-stay nursing home residents hospitalized within a six-month period:** Percent of long-stay residents (residing in a nursing home for at least 90 consecutive days) who were ever hospitalized within six months of baseline assessment. V. Mor, Brown University, analysis of 2010 Medicare enrollment data, Medicare Provider and Analysis Review File (CMS, MEDPAR 2010).

**28. Home health patients also enrolled in Medicare with a hospital admission:** Percent of acute care hospitalization for home health episodes that occurred in 2012. Current data (2012) and past data (2007) are not comparable because of changes in the underlying data source and data collection processes. Authors' analysis data from CMS Medicare claims data retrieved September 2013 from CMS Home Health Compare (DHHS n.d.).

**29. Potentially avoidable emergency department visits among Medicare beneficiaries, per 1,000 beneficiaries:** This indicator is new to the *State Scorecard*, 2014 edition. Potentially avoidable emergency department visits were those that, based on diagnoses recorded during the visit and the health care service the patient received, were considered to be either non-emergent (care was not needed within 12 hours), or emergent (care needed within 12 hours) but that could have been treated safely and effectively in a primary care setting. This definition excludes any emergency department visit that resulted in an admission, as well as emergency department visits where the level of care provided in the ED was clinically indicated. J. Zheng, Harvard University, analysis of 2011 Medicare Enrollment and Claims Data 5% sample, Chronic Conditions Warehouse (CMS, CCW 2011), using the New York University Center for Health and Public Service Research emergency department algorithm developed by John Billings.

**30. Total single premium per enrolled employee at private-sector establishments that offer health insurance:** Data from Medical Expenditure Panel Survey-Insurance Component (AHRQ, MEPS-IC 2008, 2012).

**31. Total Medicare (Parts A&B) reimbursements per enrollee:** Total Medicare fee-for-service reimbursements include payments for both Part A and Part B but exclude Part D (prescription drug costs) and extra CMS payments for graduate medical education and for treating low-income patients. Reimbursements reflect only the age 65 and older Medicare fee-for-service population. Authors' analysis of 2008 and 2012 Chronic Conditions Warehouse (CCW) data, retrieved from the December 2013 CMS Geographic Variation Public Use File (CMS, Office of Information Products and Analytics (OPIDA) 2013).

**32. Mortality amenable to health care, deaths per 100,000 population:** Number of deaths before age 75 per 100,000 population that resulted from causes considered at least partially treatable or preventable with timely and appropriate medical care (see list), as described in Nolte and McKee (Nolte and McKee, BMJ 2003). Authors' analysis of mortality data from CDC restricted-use Multiple Cause-of-Death file and U.S. Census Bureau population data, 2004-2005 and 2009-2010 (NCHS, MCD n.d.).

Causes of death	Age
Intestinal infections.....	0-14
Tuberculosis.....	0-74
Other infections (diphtheria, tetanus, septicaemia, poliomyelitis).....	0-74
Whooping cough.....	0-14
Measles.....	1-14
Malignant neoplasm of colon and rectum.....	0-74
Malignant neoplasm of skin.....	0-74
Malignant neoplasm of breast.....	0-74
Malignant neoplasm of cervix uteri.....	0-74
Malignant neoplasm of cervix uteri and body of uterus.....	0-44
Malignant neoplasm of testis.....	0-74
Hodgkin's disease.....	0-74
Leukemia.....	0-44
Diseases of the thyroid.....	0-74
Diabetes mellitus.....	0-49
Epilepsy.....	0-74

Chronic rheumatic heart disease .....	0–74
Hypertensive disease.....	0–74
Cerebrovascular disease.....	0–74
All respiratory diseases (excluding pneumonia and influenza) .....	1–14
Influenza.....	0–74
Pneumonia .....	0–74
Peptic ulcer.....	0–74
Appendicitis.....	0–74
Abdominal hernia.....	0–74
Cholelithiasis and cholecystitis.....	0–74
Nephritis and nephrosis .....	0–74
Benign prostatic hyperplasia .....	0–74
Maternal death .....	All
Congenital cardiovascular anomalies.....	0–74
Perinatal deaths, all causes, excluding stillbirths .....	All
Misadventures to patients during surgical and medical care.....	All
Ischaemic heart disease: 50% of mortality rates included.....	0–74

**33. Years of potential life lost before age 75:** This indicator is new to the *State Scorecard*, 2014 edition. Robert Wood Johnson Foundation analysis of National Vital Statistics System Mortality Data, 2005 and 2010, using the Centers for Disease Control and Prevention (CDC) National Center for Injury Prevention and Control Web-based Injury Statistics Query and Reporting System (WISQARS). Retrieved July 2013 from Robert Wood Johnson Foundation National DataHub. (NVSS 2005 and 2010).

**34. Breast cancer deaths per 100,000 female population:** Authors’ analysis of NVSS–Mortality Data, 2005 and 2010 (NCHS, NVSS n.d.), retrieved using the CDC Wide-ranging OnLine Data for Epidemiologic Research (WONDER). (NVSS 2005 and 2010)

**35. Colorectal cancer deaths per 100,000 population:** Authors’ analysis of NVSS–Mortality Data, 2005 and 2010 (NCHS, NVSS n.d.), retrieved using the CDC Wide-ranging OnLine Data for Epidemiologic Research (WONDER). (NVSS 2005 and 2010)

**36. Suicide deaths per 100,000 population:** Authors’ analysis of NVSS–Mortality Data 2005 and 2010 (NCHS NVSS), retrieved using the CDC Wide-ranging OnLine Data for Epidemiologic Research (WONDER). (NVSS 2005 and 2010).

**37. Infant mortality, deaths per 1,000 live births:** Authors’ analysis of National Vital Statistics System–Linked Birth and Infant Death Data, 2004 and 2009 (NCHS, NVSS, 2004, 2009), retrieved using the CDC Wide-ranging OnLine Data for Epidemiologic Research (WONDER).(NVSS 2004 and 2009).

**38. Percent of adults ages 18–64 report being in fair or poor health, or who have activity limitations because of physical, mental, or emotional problems:** This indicator is new to the *State Scorecard*, 2014 edition. Authors’ analysis of 2007 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2007, 2012).

**39. Percent of adults who smoke:** Percent of adults age 18 and older who ever smoked 100+ cigarettes (five packs) and currently smoke every day or some days. Authors’ analysis of 2007 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2007, 2012).

**40. Percent of adults ages 18-64 who are obese (Body Mass Index [BMI] ≥ 30):** Authors’ analysis of 2007 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2007, 2012).

**41. Children (ages 10–17) who are overweight or obese (Body Mass Index [BMI] ≥ 85<sup>th</sup> percentile):** Overweight is defined as an age- and gender-specific body mass index (BMI-forage) between the 85<sup>th</sup> and 94<sup>th</sup> percentile of the CDC growth charts. Obese is defined as a BMI-for-age at or above the 95<sup>th</sup> percentile. BMI was calculated based on parent-reported height and weight. For more information, see [www.nschdata.org](http://www.nschdata.org). Data from the National Survey of Children’s Health, assembled by the Child and Adolescent Health Measurement Initiative (CAHMI, NCHS 2007, 2011/2012).

**42. Percent of adults ages 18–64 who have lost 6 or more teeth due to tooth decay, infection, or gum disease:** This indicator is new to the *State Scorecard*, 2014 edition. Authors’ analysis of 2006 and 2012 Behavioral Risk Factor Surveillance System (NCCDPHP, BRFSS 2006, 2012).





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