

The following appendix tables are supplemental to a Commonwealth Fund issue brief, S. L. Hayes, S. R. Collins, D. C. Radley, and D. McCarthy, *What's at Stake: States' Progress on Health Coverage and Access to Care, 2013–2016* (The Commonwealth Fund, December 2017), available on the Fund's website at: <http://www.commonwealthfund.org/publications/issue-briefs/2017/dec/states-progress-health-coverage-and-access>.

Appendix Table 1
Access and Affordability Indicator Rates

	State's Medicaid expansion status as January 1, 2016*	Adults ages 19–64 uninsured					Children ages 0–18 uninsured					Uninsured ages 0–64					Adults age 18 or older who went without care because of costs in past year					
		2013	2014	2015	2016	b	2013	2014	2015	2016	b	2013	2014	2015	2016	b	2013	2014	2015	2016	b	
United States		20%	16%	13%	12%	b	8%	6%	5%	5%	b	17%	13%	11%	10%	b	16%	14%	13%	13%	b	
Alabama	N	20	18	16	14	b	5	4	3	3	b	16	14	12	11	b	16	17	17	16		
Alaska	E	24	22	19	18	b	12	12	9	11	a	20	19	16	16	b	14	12	14	13		
Arizona	E	24	18	15	14	b	13	10	9	8	b	20	16	13	12	b	17	16	15	14	b	
Arkansas	E	24	18	14	12	b	6	5	5	4	b	19	14	11	9	a b	21	18	16	15	b	
California	E	24	17	12	10	b	8	6	4	3	b	19	14	10	8	a b	16	14	12	11	b	
Colorado	E	19	14	11	10	b	9	6	4	4	b	16	12	9	9	b	15	13	12	12	b	
Connecticut	E	13	9	8	7	b	4	4	4	3		11	8	7	6	b	12	11	11	10	b	
Delaware	E	14	10	8	8	b	5	5	—	4		12	9	6	7	b	12	11	11	11		
District of Columbia	E	8	7	5	5		—	—	—	—		7	6	4	4	b	11	11	9	9	b	
Florida	N	29	24	20	18	b	12	10	7	7	b	24	20	16	15	b	21	18	17	17	b	
Georgia	N	26	22	19	18	b	10	8	7	7	b	21	18	16	15	b	20	19	16	17	b	
Hawaii	E	10	7	6	5	b	3	3	2	2		8	6	5	4	b	9	9	8	7	b	
Idaho	N	23	19	17	15	b	9	8	6	5	b	19	15	13	12	b	16	16	14	14	b	
Illinois	E	18	14	10	9	b	5	4	3	3	b	14	11	8	7	b	14	12	11	11	b	
Indiana	E	19	17	13	11	b	9	7	7	6	b	16	14	11	9	a b	16	15	14	13	b	
Iowa	E	12	8	7	6	b	5	3	4	2	a b	10	7	6	5	b	10	9	7	8	b	
Kansas	N	18	15	13	12	b	7	6	5	5	b	14	12	11	10	b	14	13	11	12	b	
Kentucky	E	21	12	8	7	b	6	5	4	3	b	17	10	7	6	b	19	16	12	12	b	
Louisiana	N**	25	22	18	15	a b	6	5	4	4	b	19	17	14	12	a b	20	17	16	18	a b	
Maine	N	16	14	12	11	b	5	6	6	5		13	12	10	10	b	10	11	9	11	a	
Maryland	E	14	11	9	8	b	5	4	4	3	b	11	9	8	7	b	13	10	11	11	b	
Massachusetts	E	5	5	4	4		2	2	1	1		4	4	3	3		9	8	9	9		
Michigan	E	16	12	9	8	b	5	4	3	3	b	13	10	7	6	b	15	15	13	13	b	
Minnesota	E	11	8	6	6	b	6	4	3	3	b	9	7	5	5	b	10	9	8	9		
Mississippi	N	25	22	19	18	b	8	6	5	5	b	20	17	15	14	b	22	19	19	19	b	
Missouri	N	18	16	13	13	b	7	7	6	5	b	15	13	11	10	b	16	14	14	13	b	
Montana	E	23	19	16	12	a b	11	9	7	5	a b	20	16	14	10	a b	14	12	11	11	b	
Nebraska	N	15	13	11	12		6	5	5	6		12	11	9	10		13	12	12	12		
Nevada	E	27	21	17	15	b	14	10	8	6	a b	23	17	14	13	b	17	17	15	16		
New Hampshire	E	16	13	10	9	b	4	5	4	3		13	11	8	8	b	12	11	9	10	b	
New Jersey	E	19	16	12	11	b	6	5	4	3	b	15	13	10	9	b	15	14	12	13	b	
New Mexico	E	28	21	16	13	a b	9	8	5	6	b	22	17	13	11	a b	18	17	14	13	b	
New York	E	15	12	10	9	b	4	4	3	3		12	10	8	7	b	15	14	12	11	b	
North Carolina	N	23	19	16	15	b	6	6	5	5		18	15	13	12	b	18	16	15	16	b	
North Dakota	E	14	10	9	9	b	8	7	9	10	b	12	9	9	9	b	7	7	8	8		
Ohio	E	16	12	9	8	b	5	5	4	4		13	10	8	7	b	15	13	11	11	b	
Oklahoma	N	25	21	20	20	b	11	9	8	8	b	20	18	16	16	b	17	15	15	15	b	
Oregon	E	21	14	10	9	b	7	5	4	3	b	17	12	8	7	b	18	14	13	11	a b	
Pennsylvania	E	14	12	9	8	b	5	5	4	5		11	10	7	7	b	12	12	12	11		
Rhode Island	E	17	10	7	6	b	6	3	3	—		14	8	6	5	b	14	12	10	10	b	
South Carolina	N	23	20	16	15	b	7	6	4	4	b	18	16	13	12	b	19	18	16	16	b	
South Dakota	N	17	13	16	12	a b	7	8	8	5	a b	14	12	13	10	a b	10	10	8	9		
Tennessee	N	20	17	15	14	b	6	5	4	4	b	16	14	12	11	b	18	16	16	12	a b	
Texas	N	30	26	23	23	b	13	12	10	10	b	24	21	19	19	b	19	18	18	18		
Utah	N	18	16	14	12	b	9	9	8	6	a b	15	14	12	9	a b	15	14	13	12	b	
Vermont	E	10	7	6	5	b	—	—	—	—		8	5	5	4	b	9	9	8	8		
Virginia	N	17	15	13	12	b	6	6	5	5		14	12	11	10	b	15	13	12	13	b	
Washington	E	20	13	9	9	b	7	5	3	3	b	16	11	8	7	b	15	12	11	10	b	
West Virginia	E	20	13	8	8	b	5	3	3	2	b	16	11	7	6	b	18	17	14	15	b	
Wisconsin	N	13	10	8	7	b	5	5	4	3	b	10	9	7	6	b	12	11	9	10	b	
Wyoming	N	18	17	14	15		7	7	7	8		15	14	12	13		14	12	12	14	a	
Change*																						
States improved						4	47				5	33			8	48					2	37
States worsened						0	0				1	1			0	0					3	0

* E indicates state implemented Medicaid expansion under the Affordable Care Act as of January 1, 2016; N indicates state had not implemented Medicaid expansion as of that time.

** Louisiana subsequently implemented Medicaid expansion, in July 2016 — the only state to have implemented expansion since January 1, 2016.

^a Denotes a change of at least 0.5 standard deviations between 2015 and 2016, or 2014 and 2016 in the case of the dental access indicator.

^b Denotes a change of at least 0.5 standard deviations between 2013 and 2016, or between 2013–2014 and 2015–2016 in the case of the high out-of-pocket medical expenses indicator, or between 2012 and 2016 in the case of the dental access indicator.

— Data not available.

(Appendix Table 1 continues on the next page.)

Appendix Table 1 (continued)

Access and Affordability Indicator Rates

	State's Medicaid expansion status as January 1, 2016*	Individuals under age 65 with high out-of-pocket medical spending†		At-risk adults without a routine doctor visit in past two years‡				Adults age 18 or older without a dental visit in past year					
		2013–14	2015–16	2013	2014	2015	2016	2012	2014	2016			
United States		15%	14%	14%	13%	13%	12%	b	15%	16%	16%		
Alabama	N	16	19	b	12	12	12	12	18	18	16	a b	
Alaska	E	18	12	b	23	22	24	23	14	16	15		
Arizona	E	16	15		19	16	16	14	a b	17	18	17	
Arkansas	E	21	18	b	18	18	15	13	a b	19	18	16	a b
California	E	13	12		17	15	14	12	a b	16	17	16	
Colorado	E	15	14		18	17	17	17		16	15	16	
Connecticut	E	13	12		10	11	10	8	a b	11	12	10	a
Delaware	E	13	11	b	9	10	9	9		12	14	14	b
District of Columbia	E	11	9	b	9	8	6	5	b	16	16	14	a b
Florida	N	15	16		14	12	12	10	a b	18	17	17	
Georgia	N	15	14		14	13	14	11	a b	16	17	17	
Hawaii	E	14	11	b	14	15	15	13	a	15	14	12	a b
Idaho	N	22	16	b	21	20	20	22	a	13	15	16	b
Illinois	E	13	13		14	13	12	11	b	15	16	17	b
Indiana	E	16	15		17	17	17	15	a b	15	15	16	
Iowa	E	15	13	b	14	12	12	11	b	12	13	12	
Kansas	N	15	14		14	15	15	15		13	13	14	
Kentucky	E	18	15	b	15	15	11	10	b	16	16	18	a b
Louisiana	N**	19	16	b	10	10	13	12	b	20	20	20	
Maine	N	15	13	b	12	12	11	10	b	13	13	13	
Maryland	E	10	10		10	7	8	9		13	15	15	b
Massachusetts	E	11	11		7	7	7	7		11	12	12	
Michigan	E	15	13	b	13	11	11	11	b	14	14	14	
Minnesota	E	12	10	b	12	11	11	11		11	13	12	
Mississippi	N	20	17	b	15	14	12	11	b	19	20	18	a
Missouri	N	17	15	b	16	15	15	13	a b	15	16	17	b
Montana	E	19	17	b	19	17	18	17	b	17	16	15	b
Nebraska	N	15	13	b	18	17	16	15	b	15	16	14	a
Nevada	E	18	13	b	15	17	17	14	a	20	19	19	
New Hampshire	E	12	12		11	11	10	9	b	10	12	11	
New Jersey	E	13	11	b	10	9	8	8	b	15	16	13	a b
New Mexico	E	16	14	b	17	18	18	17		18	18	19	
New York	E	12	10	b	10	10	11	10		15	16	15	
North Carolina	N	18	18		12	11	11	11		15	14	15	
North Dakota	E	17	13	b	17	17	17	17		15	16	14	a
Ohio	E	15	14		13	12	12	10	a b	14	15	15	
Oklahoma	N	19	16	b	21	19	17	16	b	18	17	18	
Oregon	E	20	15	b	20	16	18	15	a b	15	14	14	
Pennsylvania	E	12	12		12	12	11	10	b	13	14	15	b
Rhode Island	E	13	9	b	10	6	6	6	b	12	12	11	
South Carolina	N	17	17		16	15	15	14	b	18	18	18	
South Dakota	N	16	16		14	16	14	15		11	11	13	a b
Tennessee	N	22	17	b	11	12	14	14	b	17	18	18	
Texas	N	17	14	b	15	16	16	14	a	18	20	19	
Utah	N	16	17		19	19	19	17	a b	16	15	14	b
Vermont	E	12	11		11	12	11	12		11	11	12	
Virginia	N	12	14	b	12	12	11	10	b	12	14	14	b
Washington	E	13	13		17	16	17	15	a b	14	14	15	
West Virginia	E	17	17		12	9	10	10	b	18	20	17	a
Wisconsin	N	16	15		13	12	13	11	a b	12	12	12	
Wyoming	N	18	17		21	21	21	18	a b	15	15	15	
Change													
States improved				26					17	31		10	7
States worsened				2					1	2		2	9

* E indicates state implemented Medicaid expansion under the Affordable Care Act as of January 1, 2016; N indicates state had not implemented Medicaid expansion as of that time.
 ** Louisiana subsequently implemented Medicaid expansion, in July 2016 — the only state to have implemented expansion since January 1, 2016.
 † Includes both uninsured and insured individuals under age 65 living in households that spent 10 percent or more of annual income on medical expenses (excluding premiums, if insured); and people who spent 5 percent or more, if the household's annual income was below 200 percent of the federal poverty level. Two years of data are combined to ensure adequate sample size for state-level estimation.
 ‡ At-risk adults defined as all adults age 50 or older, and adults ages 18 to 49 in fair or poor health or ever told they have diabetes or pre-diabetes, acute myocardial infarction, heart disease, stroke, or asthma.
 § Denotes a change of at least 0.5 standard deviations between 2015 and 2016, or 2014 and 2016 in the case of the dental access indicator.
 ¶ Denotes a change of at least 0.5 standard deviations between 2013 and 2016, or between 2013–2014 and 2015–2016 in the case of the high out-of-pocket medical expenses indicator, or between 2012 and 2016 in the case of the dental access indicator.
 — Data not available.

Appendix Table 2

Select Access Indicators by Income and by Race and Ethnicity

	Adults ages 19–64 uninsured															
	Low-income (< 200% FPL)				Black, non-Hispanic				White, non-Hispanic				Hispanic			
	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016
United States	38%	31%	25%	23%	24%	19%	15%	14%	14%	11%	9%	8%	40%	33%	28%	26%
Alabama	37	33	30	27	24	22	18	17	17	15	13	11	59	47	45	43
Alaska	46	41	32	34	—	—	—	—	18	15	14	13	—	—	—	—
Arizona	41	31	25	22	23	15	10	11	16	12	9	8	38	30	25	23
Arkansas	40	29	22	18	28	19	13	10	21	15	11	10	51	46	38	34
California	41	30	21	19	21	13	9	8	14	10	7	5	38	28	20	18
Colorado	35	26	20	19	20	15	10	8	14	10	7	7	35	29	24	23
Connecticut	28	19	18	14	18	11	10	8	9	6	4	4	29	23	23	18
Delaware	26	18	15	15	14	9	8	8	12	9	7	6	32	25	21	24
District of Columbia	12	9	9	8	11	8	5	5	4	—	—	—	—	21	—	—
Florida	46	39	33	31	33	26	22	19	22	18	15	14	43	35	28	27
Georgia	46	40	37	35	28	24	20	18	19	16	14	14	60	53	48	47
Hawaii	21	14	13	10	—	—	—	—	12	8	7	4	—	10	—	—
Idaho	37	33	29	27	—	—	—	—	20	15	13	12	44	48	38	35
Illinois	36	28	21	19	26	18	11	10	12	9	6	6	39	31	27	24
Indiana	37	32	25	21	27	23	18	13	17	14	11	9	41	36	33	29
Iowa	26	17	14	11	21	—	—	—	11	7	5	5	31	21	21	21
Kansas	37	32	28	27	24	22	21	24	14	11	9	8	42	37	36	30
Kentucky	38	20	13	11	26	17	8	7	19	11	7	6	53	45	35	30
Louisiana	42	37	32	26	31	27	23	17	19	16	14	12	53	48	39	44
Maine	26	24	20	20	—	—	—	—	16	14	11	11	—	—	—	—
Maryland	30	24	20	18	15	11	9	8	9	7	5	5	41	38	32	31
Massachusetts	11	8	8	6	10	9	7	6	4	4	3	3	12	10	8	7
Michigan	30	23	15	14	24	16	11	9	14	11	7	6	30	24	22	18
Minnesota	23	18	13	11	21	15	8	10	8	6	4	4	39	37	31	25
Mississippi	39	35	30	31	30	25	21	21	20	18	16	15	50	48	53	41
Missouri	36	32	28	26	27	25	18	16	16	14	12	11	40	33	28	33
Montana	40	33	29	23	—	—	—	—	20	16	14	11	—	—	—	—
Nebraska	35	32	26	29	30	19	18	23	11	10	8	9	38	38	30	32
Nevada	47	34	28	26	31	18	13	12	20	14	10	9	41	35	31	29
New Hampshire	34	31	21	20	—	—	—	—	15	12	9	9	—	—	—	—
New Jersey	43	36	28	25	22	18	13	12	11	9	6	5	41	35	29	28
New Mexico	43	33	24	20	31	—	—	—	15	12	10	7	35	25	19	15
New York	26	22	17	15	17	13	11	9	10	7	6	5	29	24	20	17
North Carolina	42	36	32	29	27	21	16	16	17	14	12	11	59	53	52	44
North Dakota	28	24	19	20	—	—	—	—	11	7	7	6	—	—	—	—
Ohio	30	22	16	14	22	17	12	10	14	10	8	7	34	25	22	22
Oklahoma	42	39	35	35	27	27	24	22	19	16	15	14	51	42	42	42
Oregon	37	23	17	15	20	—	—	—	18	12	8	7	43	32	26	21
Pennsylvania	29	25	17	15	22	18	14	10	11	10	7	6	28	27	21	20
Rhode Island	32	18	11	10	22	—	—	—	12	7	5	4	43	24	19	16
South Carolina	39	36	29	27	27	23	18	16	18	16	13	12	56	53	45	47
South Dakota	36	29	35	26	—	—	—	—	13	8	10	8	—	—	—	—
Tennessee	37	30	28	24	23	19	18	15	17	15	12	11	60	52	50	49
Texas	52	46	43	42	27	22	20	19	17	15	13	13	47	41	38	37
Utah	35	31	28	24	—	—	—	—	14	12	10	8	42	41	36	31
Vermont	14	11	7	7	—	—	—	—	10	7	6	5	—	—	—	—
Virginia	38	33	29	29	22	19	16	13	12	10	9	9	44	36	31	34
Washington	40	24	18	16	23	11	10	9	16	10	6	6	47	32	29	26
West Virginia	35	20	12	11	21	18	—	—	20	13	8	7	—	—	—	—
Wisconsin	26	22	17	15	22	17	11	12	10	8	6	5	35	32	30	23
Wyoming	37	33	29	26	—	—	—	—	16	15	12	14	28	29	28	—

Note: FPL refers to federal poverty level.

— Data not available.

(Appendix Table 2 continues on the next page.)

Appendix Table 2 (continued)

Select Access Indicators by Income and by Race and Ethnicity

	Adults age 18 or older who went without care because of costs in past year															
	Low-income (< 200% FPL)				Black, non-Hispanic				White, non-Hispanic				Hispanic			
	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016	2013	2014	2015	2016
United States	28%	26%	24%	23%	21%	19%	17%	16%	12%	11%	10%	11%	27%	24%	22%	21%
Alabama	31	33	33	33	21	21	19	18	14	16	15	16	22	23	30	20
Alaska	23	23	29	28	26	24	6	—	13	11	12	13	26	18	18	16
Arizona	33	26	25	23	15	16	23	18	13	13	11	11	27	23	25	20
Arkansas	32	28	25	23	29	23	16	16	18	16	14	15	39	32	25	24
California	26	24	20	18	13	14	10	10	11	9	8	8	23	19	18	17
Colorado	29	25	23	21	24	20	15	16	12	10	9	10	23	23	20	19
Connecticut	20	16	20	15	19	12	15	11	9	8	7	7	25	26	25	21
Delaware	21	19	22	21	18	12	13	13	10	9	9	8	19	23	30	25
District of Columbia	15	16	14	20	14	13	12	11	6	8	6	6	15	14	9	15
Florida	34	30	29	29	25	21	22	20	15	14	14	14	31	26	21	21
Georgia	35	38	28	31	25	25	19	19	16	14	13	14	31	32	20	26
Hawaii	15	14	14	16	—	7	—	9	8	9	7	6	16	15	11	9
Idaho	30	29	28	27	—	—	—	—	14	15	12	13	23	25	24	22
Illinois	26	21	21	17	20	16	14	14	9	9	8	8	28	25	22	20
Indiana	31	27	24	23	23	20	21	18	13	14	12	11	30	27	28	24
Iowa	20	20	16	15	10	18	14	13	9	8	6	6	25	27	16	19
Kansas	28	26	24	25	21	25	16	19	11	10	9	10	24	26	20	21
Kentucky	34	27	21	19	19	17	13	10	19	15	12	12	23	16	9	15
Louisiana	34	34	28	31	26	23	21	23	17	15	14	14	33	20	18	24
Maine	13	16	15	17	—	—	—	—	10	10	9	10	16	21	24	16
Maryland	26	23	20	21	15	12	11	12	9	8	9	7	36	22	22	28
Massachusetts	17	15	13	12	10	11	14	14	7	7	6	7	21	18	23	19
Michigan	26	25	20	18	23	19	17	15	14	13	11	12	23	30	23	16
Minnesota	20	18	15	16	22	21	17	18	9	7	7	8	21	22	18	21
Mississippi	33	33	26	32	29	26	23	25	17	16	16	16	34	—	—	25
Missouri	30	28	27	28	22	18	21	19	12	13	12	11	28	23	26	27
Montana	24	21	24	18	—	—	—	—	13	11	11	10	22	16	17	16
Nebraska	25	27	23	25	29	25	21	26	11	10	10	10	24	24	23	23
Nevada	27	25	25	26	24	21	23	9	14	14	12	13	23	24	20	24
New Hampshire	28	21	16	19	—	—	—	—	11	11	8	10	31	10	18	23
New Jersey	29	27	24	22	20	18	16	15	10	9	9	9	31	28	23	23
New Mexico	28	25	20	19	23	14	19	13	13	12	9	8	24	23	17	15
New York	24	22	19	17	14	19	13	11	11	10	8	8	28	25	22	19
North Carolina	34	31	29	31	24	19	18	19	15	14	13	14	32	28	27	29
North Dakota	15	14	14	14	—	—	—	26	7	6	6	7	13	23	—	19
Ohio	23	24	19	18	21	18	14	13	13	12	9	10	22	16	23	9
Oklahoma	32	30	30	27	23	21	26	19	15	13	13	14	32	31	28	28
Oregon	35	23	21	18	—	—	21	—	16	13	11	10	32	24	24	21
Pennsylvania	21	22	24	17	18	20	16	16	10	9	10	10	27	25	30	21
Rhode Island	25	20	17	19	15	14	12	11	11	9	7	8	32	27	25	21
South Carolina	32	31	28	27	22	22	21	19	16	15	14	14	28	30	31	21
South Dakota	19	18	17	17	—	—	—	—	8	9	6	7	21	7	20	34
Tennessee	28	23	26	22	20	15	20	15	17	15	14	11	—	29	21	21
Texas	34	32	34	32	22	21	20	20	13	11	13	12	28	26	25	25
Utah	29	29	25	21	23	21	10	17	13	12	11	10	27	25	22	19
Vermont	15	14	9	10	—	—	—	—	9	9	7	8	8	—	11	4
Virginia	28	27	28	31	19	16	18	17	12	11	10	10	34	25	17	30
Washington	31	25	19	18	23	11	11	14	14	11	9	8	30	24	22	19
West Virginia	31	27	21	19	31	21	12	12	18	16	13	14	18	31	—	—
Wisconsin	18	16	17	18	31	20	17	18	10	9	8	9	22	26	18	20
Wyoming	27	24	28	24	—	—	—	—	12	10	10	13	30	26	22	26

Note: FPL refers to federal poverty level.

— Data not available.

METHODS

The six health care access and affordability indicators reported here align with those reported in the Commonwealth Fund's ongoing series of [Health System Performance Scorecards](#). For purposes of this analysis, we treat the District of Columbia as a state.

Indicators and Data Sources

1. *Percent of uninsured adults ages 19–64.*
Data source: Authors' analysis of U.S. Census Bureau, 2013, 2014, 2015, and 2016 1-Year American Community Surveys, Public Use Microdata Sample (ACS PUMS).
2. *Percent of uninsured children ages 0–18.*
Data source: Authors' analysis of U.S. Census Bureau, 2013, 2014, 2015, and 2016 1-Year American Community Surveys, Public Use Microdata Sample (ACS PUMS).
3. *Percent of adults age 18 and older who went without care because of cost during past year.*
Data source: Authors' analysis of 2013, 2014, 2015, and 2016 Behavioral Risk Factor Surveillance System.
4. *Percent of individuals under age 65 with high out-of-pocket medical spending relative to their annual income.*
This measure includes both insured and uninsured individuals. Two years of data are combined to ensure adequate sample size for state-level estimation.
Data source: Ougni Chakraborty, Robert F. Wagner School of Public Service, New York University, analysis of 2014, 2015, 2016, and 2017 Current Population Survey, Annual Social and Economic Supplement.
5. *Percent of at-risk adults (all adults age 50 and older and adults ages 18–49 who are in fair or poor health or who were ever told they have diabetes or pre-diabetes, acute myocardial infarction, heart disease, stroke, or asthma) without a routine doctor visit in past two years.*
Data source: Authors' analysis of 2013, 2014, 2015, and 2016 Behavioral Risk Factor Surveillance System.
6. *Percent of adults age 18 and older without a dental visit in the past year.*
Data source: Authors' analysis of 2012, 2014, and 2016 Behavioral Risk Factor Surveillance System.

Measuring Change over Time

We considered an indicator's value to have changed if it was at least one-half (0.5) of a standard deviation larger than the difference in rates across all states over the two time periods being compared.

Scoring and Ranking

We averaged state rankings for the six indicators to determine a state's access and affordability dimension rank. More information on *Scorecard* methodology and indicator descriptions and source notes can be found in [Aiming Higher: Results from the Commonwealth Fund Scorecard on State Health System Performance, 2017 Edition](#).