

## The Instability of the Rural Health Safety Net: Policy Impact, Hospital Vulnerability and the Impact of Covid-19

State	Medicaid Expansion	Total Rural Hospitals	Rural Hospital Vulnerability			Rural Hospital Operating Margin		Policy Impact		Outpatient Services Revenue & Days Cash on Hand		Access to Intensive Care Unit (ICU) Beds		
			Closed Hospitals	Vulnerable Hospitals	% Hospitals Vulnerable	Median Rural Margin	% w/ Negative Margin	Policy Impact (Annual Revenue Lost)	Policy Impact (Potential Jobs Lost)	% Outpatient Revenue as Total Revenue (All Rural)	Median Days Cash on Hand (All Rural)	Rural Hospitals with ICU Beds	Total ICU beds in Rural Hospitals	% Rural Hospitals without ICU Beds
AK	Y	17	1	2	12%	4.5%	42%	\$4,246,763	66	58%	0	4	33	76%
AL	N	45	6	17	38%	-5.8%	79%	\$9,352,348	252	67%	8	31	232	31%
AR	Y	48	1	11	23%	-1.3%	59%	\$9,542,178	233	73%	14	18	166	63%
AZ	Y	22	3	3	14%	0.3%	40%	\$5,188,981	101	77%	17	7	80	68%
CA	Y	56	4	2	4%	3.7%	35%	\$28,126,664	449	68%	38	34	220	39%
CO	Y	40		0	0%	1.6%	46%	\$8,379,861	149	78%	61	13	79	68%
CT	Y	3		0	0%	1.2%	33%	\$1,536,389	28	65%	24	2	21	33%
DE	Y	2		0	0%	11.4%	0%	\$3,153,303	59	58%	70	1	9	50%
FL	N	23	2	10	43%	1.5%	29%	\$6,165,389	135	74%	55	11	89	52%
GA	N	67	7	18	27%	0.4%	47%	\$15,534,827	376	69%	22	29	270	57%
HI	Y	13		1	8%	-1.6%	60%	\$2,099,878	35	56%	12	4	33	69%
IA	Y	94		4	4%	-2.3%	66%	\$13,860,879	305	84%	52	13	78	86%
ID	Y	28		0	0%	0.6%	46%	\$4,031,985	80	75%	59	5	36	82%
IL	Y	74	1	6	8%	3.2%	31%	\$22,612,789	516	82%	46	28	174	62%
IN	Y	55	1	7	13%	0.0%	49%	\$17,821,471	375	82%	26	30	241	45%
KS	N	105	5	31	30%	-5.4%	74%	\$14,664,114	328	72%	25	21	176	80%
KY	Y	64	4	18	28%	0.8%	43%	\$18,343,190	423	75%	34	38	276	42%
LA	Y	57		9	16%	1.8%	44%	\$9,678,935	233	70%	31	23	192	59%
MA	Y	5	1	1	20%	0.5%	50%	\$1,996,579	32	83%	2	2	10	60%
MD	Y	5		0	0%	3.4%	20%	\$3,901,434	76	69%	28	3	30	40%
ME	Y	23	3	1	4%	0.8%	39%	\$8,442,136	164	79%	10	10	60	58%
MI	Y	64	1	4	6%	1.8%	32%	\$20,181,323	426	83%	29	28	181	56%
MN	Y	95	3	9	9%	3.2%	33%	\$18,308,825	356	76%	57	18	112	81%
MO	N	61	6	26	43%	-0.7%	52%	\$16,610,309	359	81%	26	22	185	64%
MS	N	64	5	27	42%	-4.3%	71%	\$11,058,489	283	68%	19	16	159	75%
MT	Y	55		9	16%	-0.9%	56%	\$7,746,093	413	71%	24	10	83	82%
NC	N	50	5	15	30%	-0.2%	51%	\$25,350,835	567	71%	28	33	317	34%
ND	Y	36		7	19%	1.1%	47%	\$2,362,688	52	71%	56	2	10	94%
NE	Y	72	1	16	22%	1.1%	41%	\$12,661,094	270	78%	73	9	129	88%
NH	Y	15		0	0%	3.0%	29%	\$6,141,217	114	79%	54	6	52	60%
NJ	Y	0						\$0	0					
NM	Y	24		4	17%	2.2%	33%	\$5,620,650	107	73%	8	15	111	38%
NV	Y	14	1	0	0%	2.8%	25%	\$2,279,906	47	76%	41	3	14	79%
NY	Y	53	1	5	9%	-1.0%	56%	\$16,530,891	360	71%	21	26	241	49%
OH	Y	58	2	8	14%	4.0%	38%	\$17,597,997	418	80%	22	31	205	47%
OK	N	76	7	28	37%	-1.6%	57%	\$16,381,680	355	72%	9	22	189	71%
OR	Y	33		1	3%	3.0%	35%	\$13,216,572	212	79%	28	11	105	67%
PA	Y	46	2	10	22%	-2.1%	64%	\$15,007,029	358	75%	5	32	248	29%
RI	Y	0		0				\$0	0					
SC	N	22	4	8	36%	0.5%	42%	\$9,134,902	201	70%	33	17	145	23%
SD	N	46	1	7	15%	4.7%	27%	\$5,403,925	106	73%	53	9	60	80%
TN	N	48	12	25	52%	-1.1%	52%	\$11,843,938	286	75%	7	23	163	53%
TX	N	152	20	77	51%	0.2%	48%	\$28,860,051	669	80%	44	49	474	68%
UT	Y	20		1	5%	10.0%	20%	\$2,159,116	46	75%	117	6	29	71%
VA	Y	26	2	4	15%	2.9%	45%	\$9,195,699	206	71%	13	17	140	35%
VT	Y	12		0	0%	0.5%	42%	\$5,138,471	91	74%	17	4	35	67%
WA	Y	45		0	0%	-4.2%	59%	\$12,699,547	218	77%	37	12	95	73%
WI	N	76	1	12	16%	5.4%	21%	\$20,916,597	379	80%	48	29	182	62%
WV	Y	28		2	7%	0.1%	48%	\$5,738,910	138	83%	28	11	67	59%
WY	N	23		7	30%	-2.5%	65%	\$4,779,849	88	70%	43	9	73	61%
Medicaid Expansion States		1302	32	145	11%	0.8%	44%	\$335,549,444	7155					
Medicaid Non-Expansion States		858	81	308	36%	-0.3%	52%	\$196,057,252	4384					
<b>NATIONAL TOTAL</b>		<b>2160</b>	<b>113</b>	<b>453</b>	<b>21%</b>	<b>0.4%</b>	<b>47%</b>	<b>\$531,606,696</b>	<b>11540</b>	<b>76%</b>	<b>33</b>	<b>797</b>	<b>6309</b>	<b>63%</b>

Note: Expansion states that have adopted but not implemented are flagged as Y  
 Note: The Total Rural Hospitals (2,160) reflects the total number of providers before outliers were removed for the vulnerability analysis  
 Closed Hospitals Source: Sheps Center, University of North Carolina, September 2019  
<sup>1</sup> CMS Healthcare Cost Report Information System (HCRIS), Q2 2019. Operating margin is computed in accordance with Flex Monitoring Team guidance. Outliers are excluded. Hospitals for which data are unavailable are excluded.  
<sup>2</sup> Budget Control Act of 2011  
<sup>3</sup> Middle Class Tax Relief and Job Creation Act of 2012  
<sup>4</sup> National Center for Rural Health Works, 2016  
<sup>5</sup> The World Bank, 2019