

Pandemic Response Job Recovery Report Focus on Alaska

February 11, 2022

State Summary

This is a state specific summary for Alaska of a project by the Georgia Center for Opportunity (GCO) to understand the impact of state responses to the pandemic on employment opportunities. The full report and related material can be found at https://georgiaopportunity.org/state-pandemic-response-impact-on-work-opportunity.

As of December 2021, Alaska recovered 59.6% of its lost jobs because of the pandemic, ranking 47th in the nation. When the pre-pandemic job trajectory is captured, Alaska's rank improves to 35th. Its initial job loss impact from the pandemic was about average among the states, ranking Alaska 30th in the nation.

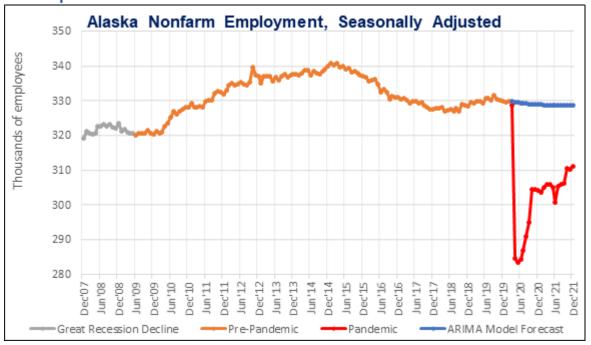
Relative to severity of governmental responses in shutting down the economies, such as closing down businesses or stay-at-home orders, Alaska ranked 42nd with the Government Severity Index created by GCO specifically for the project, but 19th with the Abridged Oxford Stringency Index. Alaska was one of few states where the severity metrics diverged, making it more difficult to interpret the results. Note that the indexes include local actions in addition to state actions

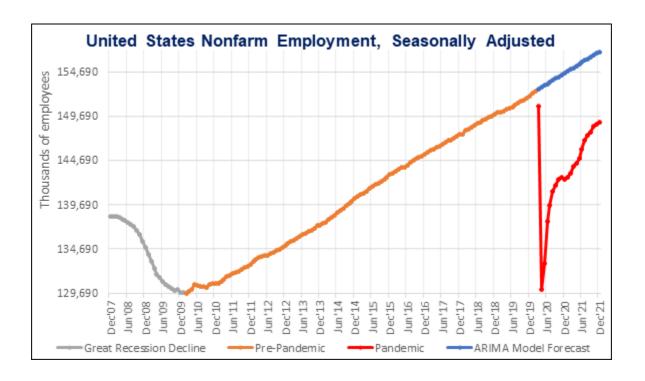
Interpretation: Alaska's job recovery is slower than most states. Because of the divergence in the severity indexes, it is difficult to interpret the restrictiveness of Alaska's pandemic policies. It is also difficult to analyze whether different pandemic policies would have resulted in better job growth. The general rule from the association of the regression analysis suggests that less restrictive policies would have resulted in better job growth. However, if a state was among those with the least restrictive policies—and because the analysis cannot be extended beyond the range used for the regression analysis—it cannot be concluded that even less restrictive policies would have produced better job recovery numbers.





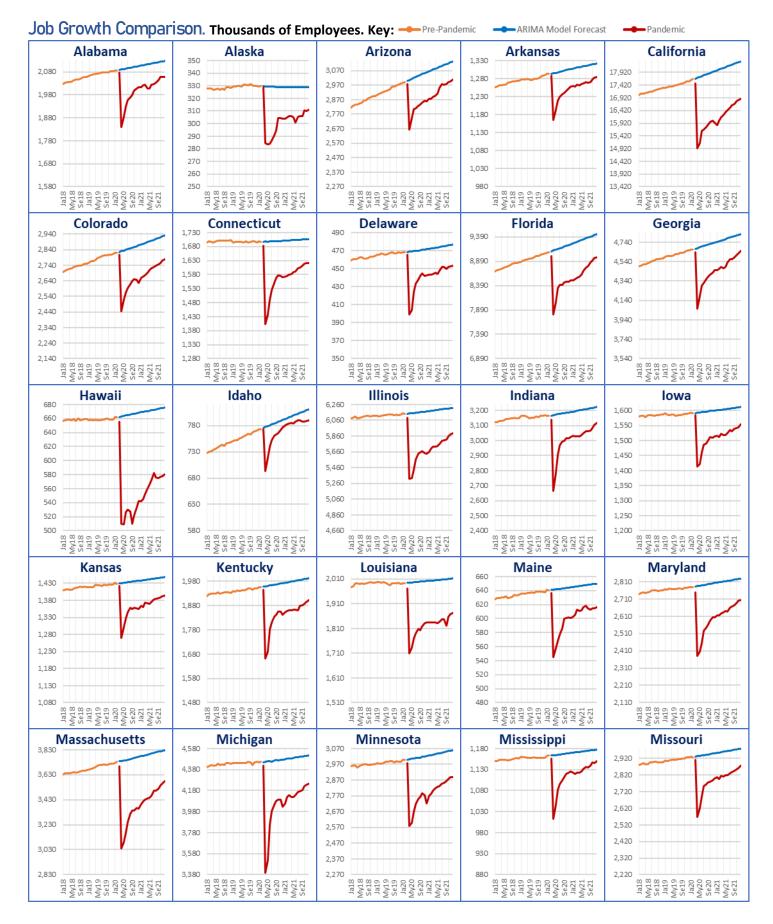
Job Impact from COVID-19 Pandemic





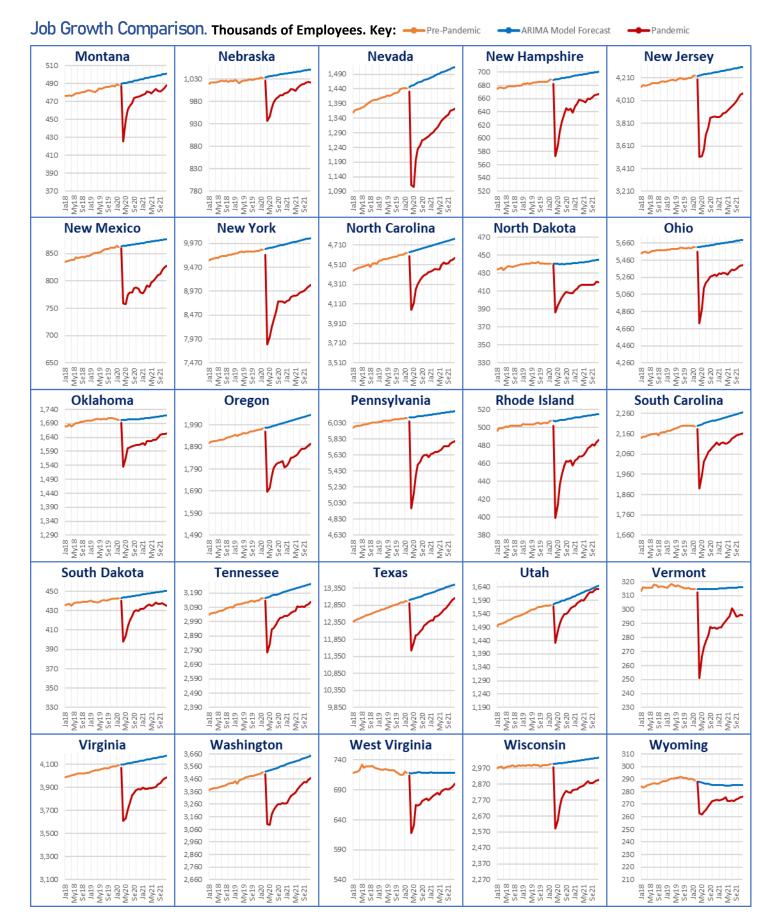
















Initial Job Loss Impact Due to COVID-19 Pandemic¹

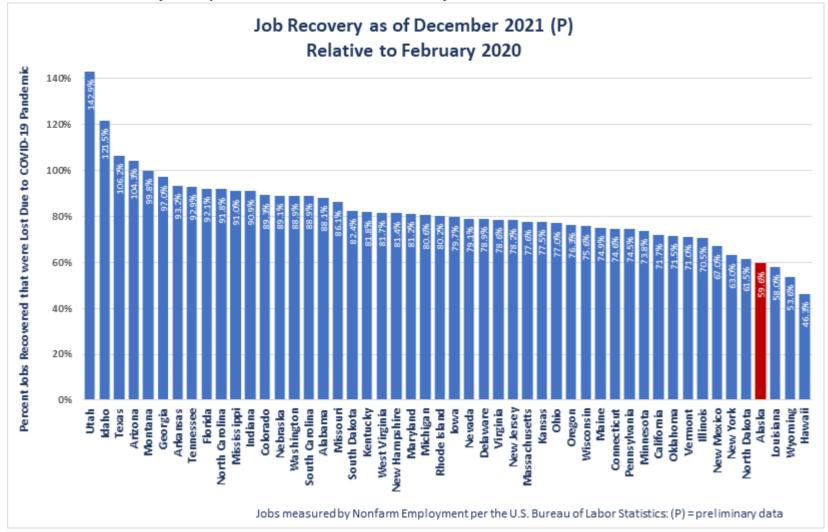
	Employment	M	onthly Per	cent Chan	ge	Job	Maximum	Percent	Least to	Pre-Pandemic Job
Area	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Trough	Job Loss	Impact	Worst Rank	Growth Rate: Dec 2018 to Dec 2019
United States	152,523,000	-1.1%	-13.7%	2.2%	3.6%	130,161,000	-22,362,000	-14.7%		1.3%
Alabama	2,086,500	-0.4%	-11.5%	2.5%	2.4%	1,839,700	-246,800	-11.8%	14	1.2%
Alaska	329,800	-0.3%	-13.4%	-0.4%	0.3%	283,300	-46,500	-14.1%	30	0.4%
Arizona	2,993,100	-0.6%	-10.6%	3.1%	2.2%	2,661,600	-331,500	-11.1%	9	3.0%
Arkansas	1,292,400	-0.4%	-9.5%	2.5%	2.0%	1,165,200	-127,200	-9.8%	5	1.2%
California	17,660,900	-1.0%	-14.5%	1.2%	3.2%	14,946,100	-2,714,800	-15.4%	37	1.4%
Colorado	2,819,000	-0.4%	-13.0%	3.1%	1.8%	2,443,200	-375,800	-13.3%	23	2.1%
Connecticut	1,696,300	-0.8%	-16.6%	2.4%	3.7%	1,403,900	-292,400	-17.2%	42	-0.6%
Delaware	468,000	-0.6%	-14.2%	1.1%	5.0%	399,300	-68,700	-14.7%	34	0.8%
Florida	9,072,100	-0.8%	-13.3%	3.2%	3.6%	7,802,900	-1,269,200	-14.0%	27	2.1%
Georgia	4,666,500	-0.6%	-12.5%	3.2%	2.6%	4,057,000	-609,500	-13.1%	22	1.9%
Hawaii	662,300	-1.1%	-22.2%	-0.1%	3.5%	509,200	-153,100	-23.1%	48	-0.1%
Idaho	773,400	-0.1%	-10.2%	3.6%	2.9%	693,800	-79,600	-10.3%	7	3.0%
Illinois	6,142,800	-0.8%	-12.7%	0.2%	2.0%	5,318,600	-824,200	-13.4%	24	0.3%
Indiana	3,163,800	-0.8%	-15.1%	4.5%	4.2%	2,664,500	-499,300	-15.8%	38	0.7%
lowa	1,590,900	-0.4%	-10.8%	0.6%	2.7%	1,412,500	-178,400	-11.2%	11	0.3%
Kansas	1,428,800	-0.5%	-10.6%	2.4%	1.9%	1,270,800	-158,000	-11.1%	8	0.6%
Kentucky	1,957,000	-0.5%	-14.6%	1.8%	5.3%	1,662,100	-294,900	-11.1%	36	1.0%
Louisiana	1,993,500	-1.1%			2.2%				31	-0.2%
	640,000		-13.3%	1.4%		1,709,600	-283,900 -94,600	-14.2% -14.8%	35	
Maine	· ·	-0.5%	-14.3%	2.3%	1.8%	545,400			32	0.7% 0.7%
Maryland	2,779,000	-1.1%	-13.5%	1.2%	2.0%	2,379,000	-400,000	-14.4%		
Massachusetts	3,733,400	-0.9%	-17.8%	1.6%	2.4%	3,041,500	-691,900	-18.5%	43	1.3%
Michigan	4,452,900	-0.9%	-23.0%	3.6%	9.6%	3,397,600	-1,055,300	-23.7%	50	0.4%
Minnesota	2,996,300	-0.6%	-13.4%	0.7%	2.7%	2,580,000	-416,300	-13.9%	26	0.6%
Mississippi	1,163,200	-0.6%	-12.5%	3.3%	3.4%	1,012,000	-151,200	-13.0%	21	0.1%
Missouri	2,926,600	-0.5%	-11.8%	2.1%	2.5%	2,569,400	-357,200	-12.2%	17	1.1%
Montana	488,000	-0.1%	-12.7%	5.5%	2.5%	425,800	-62,200	-12.7%	20	1.0%
Nebraska	1,032,400	-0.6%	-8.7%	0.9%	2.0%	937,000	-95,400	-9.2%	3	0.6%
Nevada	1,442,800	-0.8%	-22.3%	-0.6%	8.3%	1,105,700	-337,100	-23.4%	49	2.8%
New Hampshire	689,000	-1.0%	-16.0%	3.0%	3.5%	572,600	-116,400	-16.9%	40	0.9%
New Jersey	4,229,600	-0.8%	-16.3%	0.2%	1.6%	3,512,400	-717,200	-17.0%	41	0.7%
New Mexico	861,900	-0.3%	-11.7%	-0.1%	2.2%	757,700	-104,200	-12.1%	16	1.8%
New York	9,835,100	-1.1%	-19.3%	2.0%	2.7%	7,852,400	-1,982,700	-20.2%	45	0.7%
North Carolina	4,626,600	-0.6%	-11.9%	1.8%	3.2%	4,051,400	-575,200	-12.4%	19	2.1%
North Dakota	440,300	-0.4%	-12.0%	2.2%	1.0%	386,000	-54,300	-12.3%	18	0.2%
Ohio	5,609,900	-0.9%	-15.1%	3.6%	4.8%	4,721,400	-888,500	-15.8%	39	0.5%
Oklahoma	1,701,700	-0.6%	-9.3%	2.1%	2.1%	1,535,100	-166,600	-9.8%	4	0.4%
Oregon	1,973,000		-13.8%	1.0%	3.1%	1,687,500	-285,500	-14.5%	33	1.5%
Pennsylvania	6,092,600	-0.7%	-17.9%	3.9%	4.2%	4,962,900	-1,129,700	-18.5%	44	0.8%
Rhode Island	507,200	-1.0%	-20.5%	3.8%	5.2%	399,200	-108,000	-21.3%	47	0.5%
South Carolina	2,196,400	-0.6%	-13.5%	3.6%	3.4%	1,888,600	-307,800	-14.0%	28	1.5%
South Dakota	442,800	-0.5%	-9.6%	1.5%	2.2%	398,400	-44,400	-10.0%	6	0.6%
Tennessee	3,153,700	-0.5%	-11.6%	2.2%	3.6%	2,773,900	-379,800	-12.0%	15	1.6%
Texas	12,970,000	-0.5%	-10.8%	2.1%	1.8%	11,517,400	-1,452,600	-11.2%	10	2.1%
Utah	1,572,200	-0.2%	-8.7%	3.1%	1.7%	1,432,200	-140,000	-8.9%	1	2.4%
Vermont	314,500	-0.7%	-19.7%	6.2%	2.4%	251,000	-63,500	-20.2%	46	-0.4%
Virginia	4,091,000	-0.5%	-11.3%	0.6%	1.9%	3,611,000	-480,000	-11.7%	12	1.3%
Washington	3,513,100	-0.4%	-11.3%	-0.1%	2.7%	3,098,200	-414,900	-11.8%	13	2.2%
West Virginia	718,700	-0.6%	-13.5%	2.1%	5.5%	617,700	-101,000	-14.1%	29	-1.4%
Wisconsin	2,997,800	-0.6%	-13.1%	2.0%	3.3%	2,590,000	-407,800	-13.6%	25	0.2%
Wyoming	288,600	-0.2%	-8.7%	-0.3%	0.6%	262,100	-26,500	-9.2%	2	0.6%
District of Columbia	803,400	-0.6%	-9.7%	-0.4%	0.3%	718,200	-85,200	-10.6%		0.8%

¹ Nonfarm employment per the U.S. Bureau of Labor Statistics





State Job Recovery Comparison (Relative to February 2020)







Job Recovery Compared to February 2020

	Job I	Recovery as of June 20)20	Job Recovery as of September 2020		er 2020	Job Recovery as of December 2020						
	Re	lative to February 202	0				lative to February 20				Re	elative to February 2	020
		United States	34.3%				United States	52.3%				United States	55.2%
50	1	Idaho	57.3%		50	1	Idaho	86.4%		50	1	Alabama	70.0%
49	2	Montana	55.8%		49	2	Montana	77.7%		49	2	Alaska	44.7%
48	3	Utah	50.4%		48	3	Utah	76.1%		48	3	Arizona	59.9%
47	4	Indiana	47.7%		47	4	South Dakota	69.4%		47	4	Arkansas	72.6%
46	5	West Virginia	47.0%		46	5	Indiana	67.2%		46	5	California	36.5%
45	6	Ohio	46.1%		45	6	Mississippi	66.1%		45	6	Colorado	48.8%
44	7	Mississippi	45.5%		44	7	Michigan	64.8%		44	7	Connecticut	57.1%
43	8	Michigan	43.7%		43	8	New Hampshire	63.1%		43	8	Delaware	62.6%
42	9	South Carolina	43.6%		42	9	South Carolina	62.4%		42	9	Florida	54.3%
41	10	Arizona	43.4%		41	10	Delaware	62.0%		41	10	Georgia	64.4%
40	11	Tennessee	42.6%		40	11	Ohio	61.4%		40	11	Hawaii	21.2%
39	12	Florida	42.3%		39	12	Kentucky	61.2%		39	12	Idaho	103.8%
38	13	Arkansas	41.4%		38	13	Tennessee	58.9%		38	13	Illinois	38.7%
37	14	Kentucky	40.8%		37	14	Rhode Island	58.7%		37	14	Indiana	72.2%
36		Georgia	39.2%		36		Arkansas	58.5%		36	15	Iowa	56.6%
35		Oklahoma	39.1%		35	16	Wisconsin	58.0%		35	16	Kansas	53.1%
34	17	Alabama	36.8%		34	17	Vermont	58.0%		34	17	Kentucky	60.9%
33	18	Pennsylvania	36.2%		33	18	Missouri	57.6%		33		Louisiana	44.0%
32		Delaware	36.0%		32		North Carolina	57.6%		32		Maine	59.0%
31		North Carolina	35.8%		31		Maine	57.5%		31		Maryland	56.2%
30		Kansas	35.5%		30		Alabama	56.9%		30		Massachusetts	45.5%
29		Vermont	34.3%		29		Pennsylvania	56.6%		29		Michigan	59.7%
28		Rhode Island	34.1%		28		Connecticut	56.5%		28		Minnesota	33.5%
27		Wisconsin	33.9%		27		Nebraska	54.8%		27		Mississippi	75.3%
26		Missouri	33.7%		26		Georgia	53.6%		26		Missouri	64.3%
25		South Dakota	33.3%		25		Arizona	53.2%		25		Montana	81.4%
24		New Hampshire	32.6%		24		Kansas	53.2%		24		Nebraska	64.3%
23		Colorado	32.5%		23		West Virginia	52.6%		23		Nevada	51.0%
22		Texas	31.2%		22		Colorado	52.1%		22		New Hampshire	57.3%
21		Connecticut	29.8%		21		Florida	51.8%		21		New Jersey	49.1%
20		Nebraska	29.1%		20		Virginia	51.0%		20		New Mexico	19.9%
19		Nevada	27.2%		19		lowa	50.2%		19		New York	43.9%
18		lowa	26.7%		18			48.5%		18		North Carolina	66.8%
17		California	24.5%		17		New Jersey Nevada	47.3%		17		North Dakota	40.3%
		Oregon	24.3%				Maryland	46.2%				Ohio	62.6%
			23.7%				Oregon						47.4%
15		Maine	22.7%		15			45.7%		15		Oklahoma	
14		North Dakota			14		New York	45.1%		14		Oregon	38.8%
13		Minnesota Louisiana	21.6%		13		Oklahoma	44.8%		13		Pennsylvania Rhode Island	56.6%
12			21.3%		12		Minnesota	44.2%		12			54.3%
11		Washington	19.9%		11		Massachusetts	43.3%		11		South Carolina	74.3%
10		Maryland	19.4%		10		Texas	43.3%		10		South Dakota	74.8%
9		Virginia	19.3%		9		North Dakota	42.0%		9		Tennessee	67.6%
8		New York	18.7%		8	-	Illinois	40.9%		8		Texas	58.4%
7		Massachusetts	17.8%		7		Washington	38.9%		7		Utah	94.9%
6		New Mexico	15.7%		6		California	34.2%		6		Vermont	55.3%
5		Illinois	14.1%		5		Louisiana	33.0%		5		Virginia	56.3%
4		Hawaii	11.6%		4		Wyoming	31.3%		4		Washington	40.6%
3		New Jersey	8.7%		3		New Mexico	27.8%		3		West Virginia	53.7%
2		Wyoming	6.4%		2		Alaska	24.9%		2		Wisconsin	59.1%
1	50	Alaska	1.9%		1	50	Hawaii	0.8%		1	50	Wyoming	43.8%
		District of Columbia	2.3%	L			District of Columbia	20.2%	L			District of Columbia	18.4%





Job Recovery Compared to February 2020

		Recovery as of Marc		Job Recovery as of June 2021			loh	Po	covery as of Septem	har 2021			
•		elative to February 2					lative to February 20			JOD		elative to February 2	
	110	United States	62.1%	F		- NC	United States	70.4%	_		110	United States	78.8%
50	1	Idaho	113.7%		50	1	Utah	118.4%		50	1	Utah	134.4%
49	2	Utah	108.9%		49	2	Idaho	118.2%		49	2	Idaho	117.1%
48	3	Montana	88.6%		48	3	Montana	88.9%		48	3	Arizona	95.1%
47	4	South Dakota	83.1%		47	4	Arizona	87.3%		47	4	Texas	92.0%
46	5	Arkansas	76.8%		46	5	Tennessee	84.5%		46	5	Montana	88.9%
45	6	Alabama	74.5%		45	6	South Dakota	84.5%		45	6	South Dakota	87.2%
44	7	South Carolina	74.4%		44	7	Arkansas	79.9%		44	7	Georgia	86.5%
43	8	Nebraska	73.6%		43	8	North Carolina	78.9%		43	8	Nebraska	85.6%
42	9	Mississippi	73.4%		42	9	Mississippi	78.8%		42	9	South Carolina	85.2%
41	10	Indiana	73.2%		41	10	Georgia	77.4%		41	10	Mississippi	84.1%
40	11	New Hampshire	73.1%		40	11	Indiana	76.8%		40	11	Tennessee	83.9%
39		Tennessee	73.1%		39	12	Nebraska	76.4%		39	12	Florida	83.4%
38	13	North Carolina	72.0%		38	13	Texas	76.4%		38	13	Alabama	82.8%
37	14	Maine	70.8%		37	14	South Carolina	75.0%		37	14	Arkansas	82.5%
36	15	Georgia	69.9%		36	15	Maine	74.9%		36	15	North Carolina	82.0%
35	16	Michigan	69.7%		35	16	Alabama	74.6%		35	16	Washington	81.4%
34		Arizona	68.7%		34	17	Colorado	73.3%		34		Colorado	80.5%
33	18	Missouri	68.6%		33	18	Missouri	70.4%		33	18	Indiana	80.1%
32	19	Texas	68.4%		32	19	Delaware	69.9%		32	19	Missouri	78.0%
31	20	Kentucky	67.5%		31	20	New Hampshire	69.8%		31	20	New Hampshire	76.9%
30	21	Ohio	66.5%		30	21	Michigan	69.8%		30	21	Rhode Island	76.0%
29	22	Delaware	65.2%		29	22	Florida	69.8%		29	22	Michigan	74.7%
28	23	Kansas	65.2%		28	23	Vermont	69.6%		28		Kentucky	74.5%
27	24	West Virginia	63.8%		27	24	West Virginia	69.3%		27	24	Kansas	73.9%
26	25	Wisconsin	63.3%		26	25	Wisconsin	68.8%		26	25	Delaware	73.7%
25	26	Rhode Island	63.0%		25	26	Kentucky	68.3%		25	26	Maryland	73.5%
24	27	Pennsylvania	62.7%		24	27	Ohio	67.6%		24		Nevada	73.3%
23	28	Maryland	62.2%		23	28	Washington	67.1%		23	28	Ohio	72.0%
22	29	Iowa	62.1%		22		Rhode Island	66.9%		22	29	West Virginia	71.9%
21	30	Colorado	61.4%		21	30	Nevada	66.9%		21	30	Maine	71.1%
20	31	Vermont	60.3%		20	31	Kansas	66.7%		20	31	Connecticut	71.0%
19	32	Connecticut	60.3%		19	32	Pennsylvania	65.5%		19	32	Iowa	70.9%
18	33	Florida	59.0%		18	33	Maryland	64.9%		18	33	Wisconsin	70.6%
17	34	Nevada	57.7%		17	34	Connecticut	64.0%		17	34	Vermont	69.3%
16	35	Virginia	57.6%		16	35	Iowa	63.3%		16	35	Pennsylvania	68.9%
15	36	Massachusetts	56.0%		15	36	Massachusetts	60.4%		15	36	Oklahoma	68.8%
14	37	Washington	55.5%		14	37	Minnesota	60.4%		14	37	Massachusetts	68.8%
13	38	Oklahoma	55.0%		13	38	Virginia	60.3%		13	38	New Jersey	68.7%
12	39	Minnesota	53.8%		12	39	New Jersey	59.6%		12	39	Minnesota	68.7%
11	40	North Dakota	53.8%		11	40	Oregon	58.4%		11	40	Virginia	68.2%
10	41	New Jersey	53.6%		10	41	Oklahoma	57.7%		10	41	Oregon	68.0%
9	42	Oregon	53.5%		9	42	North Dakota	56.7%		9	42	California	63.8%
8	43	New York	50.5%		8	43	California	54.1%		8	43	Illinois	60.3%
7	44	Illinois	49.5%		7	44	Illinois	53.4%		7	44	North Dakota	57.3%
6	45	Alaska	48.4%		6	45	New York	52.4%		6	45	New York	57.2%
5	46	Wyoming	46.0%		5	46	Louisiana	44.7%		5	46	New Mexico	52.5%
4	47	Louisiana	44.3%		4	47	Hawaii	41.4%		4	47	Alaska	49.0%
3	48	California	44.2%		3	48	New Mexico	40.6%		3	48	Wyoming	44.5%
2	49	New Mexico	32.8%		2	49	Wyoming	38.9%		2		Hawaii	43.0%
1	50	Hawaii	28.0%		1	50	Alaska	37.6%		1	50	Louisiana	39.0%
		District of Columbi	a 16.2%	L			District of Columbia	31.9%				District of Columbia	a 40.5%





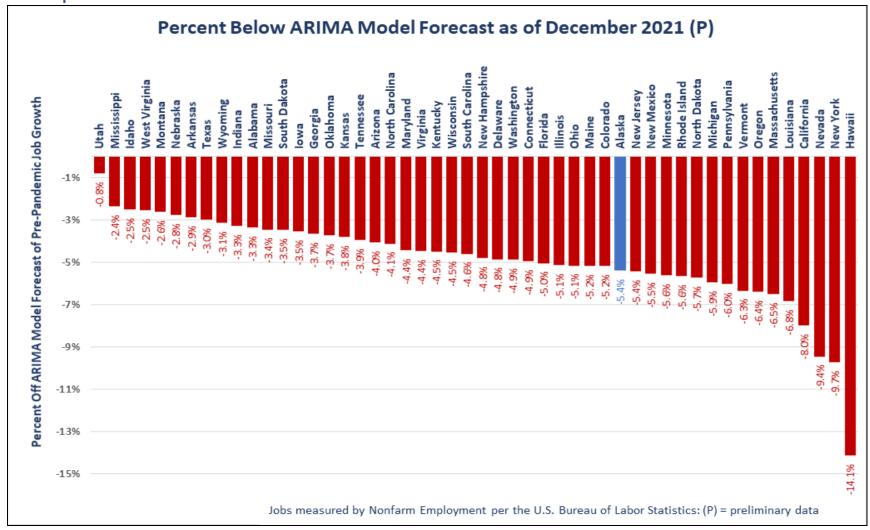
Job Recovery Compared to February 2020

10 1 1 1 1 1 1 1 1 1		J	ob Recovery as of Octol	ber 2021		Jo	b Recovery as of Novem	ber 2021	Jo	b R	ecovery as of Dece	mber 2021 (P)
10 1 1 1 1 1 1 1 1 1			Relative to February	2020			Relative to February	2020			Relative to Februa	ary 2020
19 2 Jahn			United States	81.6%			United States	83.1%			United States	84.0%
48 9 J. Arizona 98.95 M. 48 J. Texas 100.276 48 J. Texas 106.27 47 4 Texas 96.86 M. 47 J. A. Arizona 100.86 M. 47 J. A. Arizona 100.86 M. 47 J. A. Arizona 100.88 M. 47 J. A. Arizona 100.89 M. 46 G. Georgia 90.06 M. 45 G. Georgia 93.06 M. 45 G. Georgia 93.02 M. 47 A. Ariansas 93.22 M. 47 A. Ariansas 93.22 M. 48 J. Ariansas 93.22 M. 49 A. Intractiona 88.05 M. 40 D. Intractiona 88.05 M. 40 D. Intractiona 88.34 M. 40 D. Intractiona 88.34 M. 40 D. Intractiona 88.06 M. 38 D. Intracti	50	1	Utah	140.1%	50	1	Utah	142.9%	50	1	Utah	142.9%
47 4 Texas	49	2	Idaho	117.2%	49	2	Idaho	119.0%	49	2	Idaho	121.5%
46 5 Montana 91.2%	48	3	Arizona	98.9%	48	3	Texas	102.7%	48	3	Texas	106.2%
45 6 Georgia 9.005 45 6 Georgia 9.208 45 6 Georgia 9.208 44 7 Arkansas 92.38 44 7 Arkansas 92.38 44 7 Arkansas 92.38 44 7 Arkansas 92.28 43 8 Tennessee 92.99 42 9 Arkansas 92.09 42 9 Arkansas 92.09 42 9 Florida 92.19 41 10 North Carolina 92.19 92.10 92.10 92.10 93 12 Indiana 92.09 92.10 93 12 Indiana 93.91 92.10 93 12 Indiana 93.81 93 12 Indiana 93.91 92.10 93.91 94.00 93.91 94.00 94.00 94.00 94.00 94.00 94.00 92.10 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 94.00 </td <td>47</td> <td>4</td> <td>Texas</td> <td>96.8%</td> <td>47</td> <td>4</td> <td>Arizona</td> <td>100.8%</td> <td>47</td> <td>4</td> <td>Arizona</td> <td>104.3%</td>	47	4	Texas	96.8%	47	4	Arizona	100.8%	47	4	Arizona	104.3%
Massissipor	46	5	Montana	91.2%	46	5	Montana	94.9%	46	5	Montana	99.8%
43 8 South Dakota 89.0% 43 8 Florida 91.3% 42 8 Tennessee 92.99 42 9 Alabama 88.7% 42 9 Nebraska 90.3% 42 9 Florida 92.91 40 11 Arkansas 88.2% 40 11 North Carolina 88.3% 40 11 Morth Carolina 90.99 31 12 Florida 87.2% 39 12 Morth Carolina 80.9% 31 13 Alabama 88.0% 38 13 Clorado 83.3% 31 14 North Carolina 86.9% 32 14 South Carolina 88.0% 37 14 Nebraska 89.19 35 15 South Carolina 83.8% 35 16 Colorado 86.9% 31 18 Vashington 83.3 13 Colorado 83.1% 34 17 Alabama 88.9% 31 18 Washington 81.3% 31 11 Washington 85.6% 31 31 Susth Dakota 82.4 30 21 Missouri 80.3% 30 21 Washington 80.0%	45	6	Georgia	90.0%	45	6	Georgia	93.0%	45	6	Georgia	97.0%
42 9 Alabama 88.7% 42 9 Nebraska 90.3% 42 9 Florida 92.19 41 10 Nebraska 88.6% 41 10 Tennessee 89.1% 41 11 Minstans 98.2% 40 11 Minstans 88.2% 40 11 Minstans 98.2% 40 11 Minstans 99.9% 38 12 Minstans 88.0% 38 12 Indiana 90.99 31 12 Florida 87.2% 39 12 Minstans 88.0% 31 12 Indiana 90.99 31 13 Tennessee 86.9% 38 13 Alabama 88.0% 31 13 Colorado 89.3% 36 15 South Carolina 86.2% 36 15 Indiana 87.9% 36 15 Washington 88.9% 31 18 Washington 81.3% 33 18 South Dakota 85.6% 34 17 Alabama 88.19 31 18 Washington 80.2% 33 18 South Dakota 85.4% 33 18 Missouri 86.1% 31 19 Miscolan 78.2% 30 21 Maryland 80.0% 30 21 We	44	7	Mississippi	89.1%	44	7	Arkansas	92.3%	44	7	Arkansas	93.2%
41 10 Nebraska 88.6% 41 10 Tennessee 89.1% 41 10 North Carolina 91.8% 40 11 Arkansas 88.2% 40 11 North Carolina 83.3% 40 11 Indiana 90.99 38 13 Tennessee 86.9% 37 14 North Carolina 86.9% 36 15 Indiana 87.9% 36 15 Indiana 87.9% 36 15 North Carolina 88.9% 35 16 Indiana 83.8% 35 16 Colorado 86.9% 35 15 South Carolina 88.9% 31 18 Washington 81.3% 41 17 Colorado 86.9% 31 18 Washington 88.9% 41 17 Albana 88.19 32 15	43	8	South Dakota	89.0%	43	8	Florida	91.1%	43	8	Tennessee	92.9%
40	42	9	Alabama	88.7%	42	9	Nebraska	90.3%	42	9	Florida	92.1%
39 12 Florida 87.2% 39 12 Mississippi 88.2% 39 12 Indiana 90.99 31 31 Tennessee 86.9% 31 13 Alabama 88.0% 37 14 North Carolina 86.9% 37 14 North Carolina 86.9% 35 15 South Carolina 86.2% 36 15 Indiana 87.9% 36 15 Weshington 88.9% 31 16 Indiana 88.8% 35 16 Colorado 86.9% 35 16 South Carolina 88.9% 31 17 Colorado 81.1% 31 17 Vashington 81.6% 31 11 Malabama 88.1% 31 18 Washington 81.3% 32 19 Missouri 81.4% 32 19 South Dakota 82.4% 31 20 New Hampshire 79.0% 32 12 Missouri 80.0% 30 21 West Virginia 81.7% 30 21 Michigan 78.2% 30 21 Maryland 80.0% 30 21 West Virginia 81.7% 22 2 Nevada 76.9%	41	10	Nebraska	88.6%	41	10	Tennessee	89.1%	41	10	North Carolina	91.8%
38 13 Tennessee 86.9% 38 13 Alabama 88.0% 38 13 Colorado 89.3% 37 14 North Carolina 86.9% 37 14 South Carolina 88.0% 37 14 North Carolina 88.9% 35 15 Indiana 83.8% 36 15 Indiana 87.9% 36 15 Washington 88.9% 31 17 Colorado 83.1% 34 17 Washington 85.6% 35 16 South Carolina 88.99 31 18 Washington 81.3% 31 18 South Dakota 85.6% 31 18 Missouri 86.19 31 19 Missouri 80.2% 31 20 New Hampshire 70.0% 31 20 New Hampshire 80.1% 31 20 Kentucky 81.8% 30 21 Michigan 78.2% 30 21 Maryland 80.0% 30 21 West Virginia 81.7% 20 22 Nevada 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.4% 20 2	40	11	Arkansas	88.2%	40	11	North Carolina	88.3%	40	11	Mississippi	91.0%
37 14 North Carolina 86.9% 37 14 South Carolina 88.0% 37 14 North Carolina 88.9% 36 15 South Carolina 88.9% 36 15 Washington 88.99 36 15 South Carolina 88.9% 35 16 Colorado 88.9% 35 16 Count Carolina 88.99 31 17 Colorado 83.1% 31 18 Vashington 81.3% 31 18 South Dakota 85.4% 33 18 Missouri 86.19 32 19 Missouri 80.2% 32 19 Missouri 81.4% 32 19 Missouri 81.4% 32 19 Missouri 81.4% 32 10 South Dakota 82.4% 31 12 New Hampshire 79.0% 31 20 New Hampshire 80.0% 30 21 Mertyland 80.0% 30 21 West Virginia 81.7% 20 22 Newada 76.9% 29 22 Michigan 79.5% 29 22 Michigan 79.5% 29 22 Michigan 79.5% 29 22 Michigan 80.0% 30 21 Merty Virginia 81.79 21 24 Kentucky 76.6% 27 24 Nevada 78.0% 27 24 Michigan 80.6% 25 Delaware 76.0% 26 25 Robade Island 77.6% 26 25 Robade Island 77.6% <td>39</td> <td>12</td> <td>Florida</td> <td>87.2%</td> <td>39</td> <td>12</td> <td>Mississippi</td> <td>88.2%</td> <td>39</td> <td>12</td> <td>Indiana</td> <td>90.9%</td>	39	12	Florida	87.2%	39	12	Mississippi	88.2%	39	12	Indiana	90.9%
36 15 South Carolina 86.2% 36 15 Indiana 88.9% 35 16 Colorado 86.9% 35 15 South Carolina 88.99 31 17 Colorado 83.1% 35 16 Colorado 88.99 35 15 South Carolina 88.99 32 19 Missouri 80.2% 32 19 Missouri 81.4% 32 19 South Dakota 85.4% 31 20 New Hampshire 80.1% 31 20 New Hampshire 80.0% 30 21 Michigan 78.2% 30 21 Michigan 78.2% 30 21 Maryland 80.0% 30 21 Michigan 78.9% 29 22 New Hampshire 80.0% 30 21 Michigan 81.89 30 21 Michigan 78.2% 29 22 New Hampshire 80.0% 30 21 Michigan 81.89 31.89 Missouri 81.89 </td <td>38</td> <td>13</td> <td>Tennessee</td> <td>86.9%</td> <td>38</td> <td>13</td> <td>Alabama</td> <td>88.0%</td> <td>38</td> <td>13</td> <td>Colorado</td> <td>89.3%</td>	38	13	Tennessee	86.9%	38	13	Alabama	88.0%	38	13	Colorado	89.3%
35 16 Indiana 83.8% 35 16 Colorado 88.9% 35 16 South Carolina 88.99 34 17 Colorado 83.1% 31 17 Washington 85.6% 34 17 Alabama 88.19 32 19 Missouri 80.2% 32 19 Missouri 80.2% 32 19 Missouri 81.4% 32 19 South Dakota 86.4% 31 20 New Hampshire 79.0% 31 20 New Hampshire 80.1% 31 20 Kentucky 81.8% 29 22 Nevada 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.4% 28 23 Maryland 76.9% 28 23 Michigan 79.5% 29 22 New Hampshire 81.49 28 25 Delaware 76.6% 27 24 Morda 78.0% 26 25 Rhode Island 77.8% 26 25 Rhode Island 77.8% 26 26 Islaware 77.0% 25 26 Islaware 77.0% 25 26 Islaware 77.0% 22 </td <td>37</td> <td>14</td> <td>North Carolina</td> <td>86.9%</td> <td>37</td> <td>14</td> <td>South Carolina</td> <td>88.0%</td> <td>37</td> <td>14</td> <td>Nebraska</td> <td>89.1%</td>	37	14	North Carolina	86.9%	37	14	South Carolina	88.0%	37	14	Nebraska	89.1%
34 17 Colorado 83.1% 34 17 Washington 85.6% 34 17 Alabama 88.19 33 18 Washington 81.3% 33 18 South Dakota 85.4% 32 19 Missouri 86.19 31 20 New Hampshire 79.0% 31 20 New Hampshire 80.1% 32 19 South Dakota 82.4% 30 21 Michigan 78.2% 30 21 Maryland 80.0% 30 21 West Viriginia 81.79 27 24 Kentucky 76.6% 22 22 Michigan 79.5% 29 22 New Hampshire 81.49 27 24 Kentucky 76.6% 27 24 Nevada 78.0% 22 28 Maryland 81.29 27 24 Kentucky 76.6% 26 25 Rhode Island 77.8% 26 26 Kansas 77.0% 22	36	15	South Carolina	86.2%	36	15	Indiana	87.9%	36	15	Washington	88.9%
33 18 Washington 81.3% 33 18 South Dakota 85.4% 32 19 Missouri 86.19 32 19 Missouri 81.4% 32 19 South Dakota 82.4% 31 20 New Hampshire 80.1% 31 20 Kentucky 81.8% 30 21 Michigan 78.2% 30 21 Maryland 80.0% 30 21 West Virginia 81.79 29 22 Nevada 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.49 28 23 Maryland 76.9% 29 22 Michigan 79.0% 22 22 Michigan 81.49 26 25 Delaware 76.9% 22 23 Kentucky 76.9% 23 24 Michigan 80.2% 26 25 Delaware 76.9% 27 74 Mevada 77.0%	35	16	Indiana	83.8%	35	16	Colorado	86.9%	35	16	South Carolina	88.9%
32 19 Missouri 80.2% 32 19 Missouri 81.4% 32 19 South Dakota 82.49 31 20 New Hampshire 79.0% 31 20 New Hampshire 80.1% 31 20 Kentucky 81.89 29 Veyada 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.89 28 23 Maryland 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.49 28 23 Maryland 76.9% 29 22 Michigan 79.0% 28 23 Maryland 81.29 27 24 Kentucky 76.6% 27 7 4 Nevada 78.0% 27 24 Michigan 80.69 28 25 Daware 76.0% 26 25 Rhode Island 77.8% 25 26 Khosas 74.7% 25 26 Khode Island 77.0% 25 26 Iowa 79.79 24 77 Rhode Island 74.0% 24 27 Delaware 77.0% 24 27 Nevada 79.19 22 29 West Virginia 73.9% 22 29 West Virginia 76.1% 22 29 Virginia 78.69 21 30 Connecticut 73.4% 21 30 Oingeticut 74.7% 25 3 3 Massachusetts 74.7% 19 32 Massachusetts <	34	17	Colorado	83.1%	34	17	Washington	85.6%	34	17	Alabama	88.1%
31 20 New Hampshire 79.0% 31 20 New Hampshire 80.1% 31 20 Kew Hampshire 80.0% 30 21 West Virginia 81.7% 29 22 Nevada 76.9% 29 22 New Hampshire 81.7% 29 22 Nevada 76.9% 28 23 Mentucky 79.0% 28 23 Maryland 81.2% 27 24 Kentucky 76.0% 26 25 Rhode Island 77.0% 25 25 Mode Island 80.69 26 25 Bode Island 77.0% 26 25 Rhode Island 77.0% 26 10 New Jersey 76.8% 26 10 New Jersey 79.79 27 27 Rhode Island 74.6% 24 7 Delaware 77.0% 25 10 New Jersey 79.79 28 29 Wispinia 76.0% 26 27 Nevada 79.79 29 West Virginia 73.0%	33	18	Washington	81.3%	33	18	South Dakota	85.4%	33	18	Missouri	86.1%
30 21 Michigan 78.2% J 30 21 Maryland 80.0% J 21 West Virginia 81.79 29 22 Nevada 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.49 28 23 Maryland 76.9% 28 23 Kentucky 79.0% 28 23 Maryland 81.29 27 24 Kentucky 76.6% 27 24 Michigan 80.6% 26 25 Delaware 76.0% 26 25 Rhode Island 77.9% 26 26 Iowa 79.79 27 7 Rhode Island 74.0% 23 28 New Island 79.19 22 29 West Virginia 77.0% 22 29 New Isrsey 76.9% 22 29 Virginia 76.1% 22 29 Virginia 76.9% 21 30 New Jersey 78.29	32	19	Missouri	80.2%	32	19	Missouri	81.4%	32	19	South Dakota	82.4%
29 22 Nevada 76.9% 29 22 Michigan 79.5% 29 22 New Hampshire 81.49 28 23 Maryland 76.6% 27 24 New Ada 78.0% 28 23 Maryland 81.29 27 24 Kentucky 76.6% 26 25 Phode Island 80.69 25 25 Delaware 76.0% 26 25 Rhode Island 80.29 25 26 Kansas 74.7% 22 26 Kansas 77.0% 25 26 Iowa 79.79 24 27 Rhode Island 74.6% 24 27 Delaware 77.0% 25 26 Iowa 79.79 24 27 New Jersey 76.6% 23 28 Delaware 77.0% 22 29 Virginia 78.99 22 29 West Virginia 78.99 22 29 West Jurginia 78.99 22 29 <td>31</td> <td>20</td> <td>New Hampshire</td> <td>79.0%</td> <td>31</td> <td>20</td> <td>New Hampshire</td> <td>80.1%</td> <td>31</td> <td>20</td> <td>Kentucky</td> <td>81.8%</td>	31	20	New Hampshire	79.0%	31	20	New Hampshire	80.1%	31	20	Kentucky	81.8%
28 23 Maryland 76.9% 28 23 Kentucky 79.0% 28 23 Maryland 81.29 27 24 Kentucky 76.6% 27 24 Nevada 78.0% 27 24 Michigan 80.69 26 25 Delaware 76.0% 26 25 Rhode Island 77.8% 25 26 Kansas 77.0% 25 26 Iowa 79.79 24 27 Rhode Island 74.6% 24 27 Delaware 77.0% 26 26 Iowa 79.79 23 28 Ohio 74.0% 23 28 New Jersey 76.8% 23 28 Delaware 78.99 22 29 West Virginia 73.9% 22 29 West Virginia 76.0% 22 29 Virginia 78.69 21 30 Connecticut 73.4% 21 30 Virginia 76.0% 20 31 Massachusetts 77.69 23 34 Maire 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.59 18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.09	30	21	Michigan	78.2%	30	21	Maryland	80.0%	30	21	West Virginia	81.7%
27 24 Kentucky 76.6% 27 24 Nevada 78.0% 27 24 Michigan 80.69 26 25 Delaware 76.0% 26 25 Rhode Island 77.8% 26 25 Rhode Island 80.29 25 Zo Kansas 74.7% 25 26 Kansas 77.0% 24 27 Nevada 79.19 23 Zo Holo 74.0% 23 28 New Jersey 76.8% 23 28 Delaware 78.99 22 Yourginia 73.9% 22 29 West Virginia 76.1% 22 29 Virginia 78.69 21 30 Connecticut 73.4% 21 30 Virginia 76.0% 21 30 New Jersey 78.29 23 31 New Jersey 72.9% 20 31 Ohio 76.0% 21 30 New Jersey 78.29 24 Wisine 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.59 28 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.09 29 34 Virginia 72.1% 17 34 Minnesota 74.3% 15 36 Minnesota 72.3%	29	22	Nevada	76.9%	29	22	Michigan	79.5%	29	22	New Hampshire	81.4%
26 25 Delaware 76.0% 26 25 Rhode Island 77.8% 26 26 Rhode Island 80.29 25 26 Kansas 74.7% 25 26 Kansas 77.0% 25 26 Iowa 79.79 24 27 Rhode Island 74.6% 24 27 Delaware 77.0% 24 27 Newada 79.19 22 28 Ohio 74.0% 23 28 New Jersey 76.1% 22 29 Virginia 78.69 21 30 Connecticut 73.4% 21 30 Virginia 76.0% 20 31 New Jersey 78.29 20 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.69 31 Naine 72.7% 18 33 Connecticut 74.7% 18 33 One o	28	23	Maryland	76.9%	28	23	Kentucky	79.0%	28	23	Maryland	81.2%
25 26 Kansas 74.7% 2 5 26 Kansas 77.0% 25 26 lowa 79.79 24 27 Rhode Island 74.6% 24 27 Delaware 77.0% 24 27 Nevada 79.19 23 28 Ohio 74.0% 23 28 New Jersey 76.8% 23 28 Delaware 78.99 22 29 West Virginia 73.9% 22 29 West Virginia 76.0% 21 30 New Jersey 78.69 21 30 Connecticut 73.4% 21 30 Virginia 76.0% 20 31 Massachusetts 77.6% 19 32 Maine 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.59 18 33 Massachusetts 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.59 18 35 Iowa 72.0% 16 35 Visconsin 74.4% 18 33 Ohio 70.0% 17 34 Virginia 72.0% 16 35 Visconsin 74.1% 16 35 Wisconsin 75.9% 18 35 Iowa 72.0% 16 35 Visconsin 74.1% 16 35 Wisconsin 75.69 18 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.9% 19 39 Vermont 70.2% 12 39 Maine	27	24	Kentucky	76.6%	27	24	Nevada	78.0%	27	24	Michigan	80.6%
24 27 Rhode Island 74.6% 24 27 Delaware 77.0% 24 27 Nevada 79.19 23 28 Ohio 74.0% 23 28 New Jersey 76.8% 23 28 Delaware 78.99 22 29 West Virginia 73.9% 22 29 West Virginia 76.1% 22 29 Virginia 78.69 19 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.69 19 32 Maine 72.7% 19 32 Massachusetts 77.7% 19 32 Massachusetts 77.7% 19 32 Massachusetts 77.59 18 33 Connecticut 74.7% 19 32 Kansas 77.59 18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.09 17 34 Virginia 72.0% 16 35 Wisconsin 74.1% 16	26	25	Delaware	76.0%	26	25	Rhode Island	77.8%	26	25	Rhode Island	80.2%
23 28 Ohio 74.0% 23 28 New Jersey 76.8% 23 28 Delaware 78.99 22 29 West Virginia 73.9% 22 29 West Virginia 76.1% 22 29 Virginia 78.69 21 30 Connecticut 73.4% 21 30 Virginia 76.0% 20 31 Mew Jersey 78.29 20 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.69 19 32 Maine 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.69 17 34 Virginia 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.09 17 34 Virginia 72.1% 17 34 Minnesota 74.7% 18 33 Ohio 77.09 18 33 Massachusetts 72.7% 18 30 Connecticut 74.4% 18<	25	26	Kansas	74.7%	25	26	Kansas	77.0%	25	26	Iowa	79.7%
22 29 West Virginia 73.9% 22 29 West Virginia 76.1% 22 29 Virginia 78.6% 21 30 Connecticut 73.4% 21 30 Virginia 76.0% 21 30 New Jersey 78.2% 20 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.6% 19 32 Maine 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.5% 18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.0% 16 35 Iowa 72.0% 16 35 Wisconsin 74.1% 16 35 Wisconsin 75.6% 15 36 Wisconsin 71.9% 15 36 Oregon 73.4% 16 35 Wisconsin 75.6% 16 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.6% 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 74.5% 12 39 Vermont 70.2% 11 40 Vermont 71.2% 11 40 California 71.5% 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3%	24	27	Rhode Island	74.6%	24	27	Delaware	77.0%	24	27	Nevada	79.1%
21 30 Connecticut 73.4% 21 30 Virginia 76.0% 21 30 New Jersey 78.29 20 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.69 19 32 Maine 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.59 18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.09 17 34 Virginia 72.1% 17 34 Minnesota 74.3% 17 34 Oregon 76.3% 15 36 Wisconsin 71.9% 15 36 Oregon 73.4% 16 35 Wisconsin 74.99 15 36 Wisconsin 71.1% 13 38 Iowa 73.1% 16 37 Connecticut 74.59 15 36 Wisconsin 71.3% 14 37 Pennsylvania 73.2% 14<	23	28	Ohio	74.0%	23	28	New Jersey	76.8%	23	28	Delaware	78.9%
20 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.6% 19 32 Maine 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.5% 18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.0% 17 34 Virginia 72.1% 17 34 Minnesota 74.3% 17 34 Oregon 76.3% 15 36 Wisconsin 71.9% 16 35 Wisconsin 74.1% 16 35 Wisconsin 75.6% 15 36 Wisconsin 71.9% 14 37 Pennsylvania 73.2% 15 36 Maine 74.5% 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 73.2% 14 37 Connecticut 74.6% 12 39 Vermont 70.2% 12 <td>22</td> <td>29</td> <td>West Virginia</td> <td>73.9%</td> <td>22</td> <td>29</td> <td>West Virginia</td> <td>76.1%</td> <td>22</td> <td>29</td> <td>Virginia</td> <td>78.6%</td>	22	29	West Virginia	73.9%	22	29	West Virginia	76.1%	22	29	Virginia	78.6%
20 31 New Jersey 72.9% 20 31 Ohio 76.0% 20 31 Massachusetts 77.6% 19 32 Maine 72.7% 19 32 Massachusetts 74.7% 19 32 Kansas 77.5% 18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.0% 17 34 Virginia 72.1% 17 34 Minnesota 74.3% 17 34 Oregon 76.3% 15 36 Wisconsin 71.9% 16 35 Wisconsin 74.1% 16 35 Wisconsin 75.6% 15 36 Wisconsin 71.9% 14 37 Pennsylvania 73.2% 15 36 Maine 74.5% 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 73.2% 14 37 Connecticut 74.6% 12 39 Vermont 70.2% 12 <td>21</td> <td>30</td> <td>Connecticut</td> <td>73.4%</td> <td>21</td> <td>30</td> <td>Virginia</td> <td>76.0%</td> <td>21</td> <td>30</td> <td>New Jersey</td> <td>78.2%</td>	21	30	Connecticut	73.4%	21	30	Virginia	76.0%	21	30	New Jersey	78.2%
18 33 Massachusetts 72.7% 18 33 Connecticut 74.4% 18 33 Ohio 77.0% 17 34 Virginia 72.1% 17 34 Minnesota 74.3% 17 34 Oregon 76.33 16 35 Iowa 72.0% 16 35 Wisconsin 74.1% 16 35 Wisconsin 75.69 15 36 Wisconsin 71.9% 15 36 Oregon 73.4% 15 36 Maine 74.99 14 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.69 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 74.59 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 71.79 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 <td< td=""><td>20</td><td>31</td><td>New Jersey</td><td>72.9%</td><td>20</td><td></td><td></td><td>76.0%</td><td>20</td><td>31</td><td>Massachusetts</td><td>77.6%</td></td<>	20	31	New Jersey	72.9%	20			76.0%	20	31	Massachusetts	77.6%
17 34 Virginia 72.1% 17 34 Minnesota 74.3% 17 34 Oregon 76.3% 16 35 Iowa 72.0% 16 35 Wisconsin 74.1% 16 35 Wisconsin 75.6% 15 36 Wisconsin 71.9% 15 36 Oregon 73.4% 15 36 Maine 74.99 14 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.69 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 74.59 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 73.8% 11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.7% 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.5% 42 California 67.9% 9 42 California 69.8% 9 42 Vermont 71.0% 8 43 Illinois 65.3% 8	19	32	Maine	72.7%	19	32	Massachusetts	74.7%	19	32	Kansas	77.5%
16 35 Iowa 72.0% 16 35 Wisconsin 74.1% 16 35 Wisconsin 75.69 15 36 Wisconsin 71.9% 15 36 Oregon 73.4% 15 36 Maine 74.99 14 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.69 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 74.59 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 73.89 11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.79 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.5% 9 42 California 67.9% 69 42 California 69.8% 9 <	18	33	Massachusetts	72.7%	18	33	Connecticut	74.4%	18	33	Ohio	77.0%
15 36 Wisconsin 71.9% 15 36 Oregon 73.4% 15 36 Maine 74.99 14 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.69 13 38 Minnesota 71.1% 13 38 lowa 73.1% 13 38 Pennsylvania 74.59 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 73.89 11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.79 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.59 9 42 California 67.9% 9 42 California 69.8% 9 42 Vermont 71.09 8 43 Illinois 65.3% 8 43 Illinois 67.8% 8 43 Illinois 70.59 7 44 New York 59.2% 7 44 North Dakota 63.5% 7 44 New Mexico 67.0% 6 45 New Mexico 59.0%	17	34	Virginia	72.1%	17	34	Minnesota	74.3%	17	34	Oregon	76.3%
14 37 Pennsylvania 71.3% 14 37 Pennsylvania 73.2% 14 37 Connecticut 74.69 13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 74.59 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 73.89 11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.79 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.59 9 42 California 67.9% 9 42 California 69.8% 9 42 Vermont 71.09 8 43 Illinois 67.8% 8 43 Illinois 67.8% 8 43 Illinois 70.59 7 44 New York 59.2% 7 44 North Dakota 63.5% 7 44 New Mexico 67.0% 6 45 New Mexico 59.0% 6 45 New York 60.7% 5 46 North Dakota 61.5% 4 47 North Dakota 51.	16	35	Iowa	72.0%	16	35	Wisconsin	74.1%	16	35	Wisconsin	75.6%
13 38 Minnesota 71.1% 13 38 Iowa 73.1% 13 38 Pennsylvania 74.59 12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 73.89 11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.79 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.59 9 42 California 69.8% 9 42 Vermont 71.09 8 43 Illinois 65.3% 8 43 Illinois 67.8% 8 43 Illinois 70.59 7 44 New York 59.2% 7 44 North Dakota 63.5% 7 44 New Mexico 67.09 6 45 New Mexico 59.0% 6 45 New Mexico 63.3% 6 45 New York 63.0% 5 46 Alaska 58.7% 5 46 New York 60.7% 5 46 North Dakota 61.59 3 48 Louisiana 51.8% 3 48 Louisiana 55.5%	15	36	Wisconsin	71.9%	15	36	Oregon	73.4%	15	36	Maine	74.9%
12 39 Vermont 70.2% 12 39 Maine 73.0% 12 39 Minnesota 73.8% 11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.7% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.5% 9 42 California 67.9% 9 42 California 69.8% 9 42 Vermont 71.0% 8 43 Illinois 65.3% 8 43 Illinois 67.8% 8 43 Illinois 70.5% 7 44 New York 59.2% 7 44 North Dakota 63.5% 7 44 New Mexico 67.0% 6 45 New Mexico 59.0% 6 45 New Mexico 63.3% 6 45 New York 63.0% 5 46 Alaska 58.7% 5 46 New York 60.7% 5 46 North Dakota 61.5% 4 47 North Dakota 58.6% 4 47 Alaska 57.6% 4 47 Alaska 59.6% 3 48 Louisiana 51.8% 3 48 Louisiana 55.5% 3 </td <td>14</td> <td>37</td> <td>Pennsylvania</td> <td>71.3%</td> <td>14</td> <td>37</td> <td>Pennsylvania</td> <td>73.2%</td> <td>14</td> <td>37</td> <td>Connecticut</td> <td>74.6%</td>	14	37	Pennsylvania	71.3%	14	37	Pennsylvania	73.2%	14	37	Connecticut	74.6%
11 40 Oregon 70.2% 11 40 Vermont 71.2% 11 40 California 71.7% 10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.5% 9 42 California 67.9% 9 42 California 69.8% 9 42 Vermont 71.0% 8 43 Illinois 65.3% 8 43 Illinois 67.8% 8 43 Illinois 70.5% 7 44 New York 59.2% 7 44 North Dakota 63.5% 7 44 New Mexico 67.0% 6 45 New Mexico 59.0% 6 45 New Mexico 63.3% 6 45 New York 63.0% 5 46 Alaska 58.7% 5 46 New York 60.7% 5 46 North Dakota 61.5% 4 47 North Dakota 58.6% 4 47 Alaska 57.6% 4 47 Alaska 59.6% 3 48 Louisiana 51.8% 3 48 Louisiana 55.5% 3 48 Louisiana 58.0% 2 49 Wyoming 50.6% 2<	13	38	Minnesota	71.1%	13	38	lowa	73.1%	13	38	Pennsylvania	74.5%
10 41 Oklahoma 70.2% 10 41 Oklahoma 70.3% 10 41 Oklahoma 71.5% 9 42 California 69.8% 9 42 Vermont 71.0% 8 43 Illinois 67.8% 8 43 Illinois 70.5% 7 44 New York 59.2% 7 44 North Dakota 63.5% 7 44 New Mexico 67.0% 6 45 New Mexico 59.0% 6 45 New Mexico 63.3% 6 45 New York 63.0% 5 46 Alaska 58.7% 5 46 New York 60.7% 5 46 North Dakota 61.5% 4 47 North Dakota 58.6% 4 47 Alaska 57.6% 4 47 Alaska 59.6% 3 48 Louisiana 51.8% 3 48 Louisiana 55.5% 3 48 Louisiana 58.0% 2 49 Wyoming 50.6% 2 <td>12</td> <td>39</td> <td>Vermont</td> <td>70.2%</td> <td>12</td> <td></td> <td></td> <td>73.0%</td> <td>12</td> <td></td> <td></td> <td>73.8%</td>	12	39	Vermont	70.2%	12			73.0%	12			73.8%
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Job Impact: Percent Below ARIMA Forecast of Pre-Pandemic Job Growth







Percent Below ARIMA Model Forecast of Pre-Pandemic Job Growth

Forecast of June 2020			cent Below ARIMA Mo		` [ent Below ARIMA M		Percent Below ARIMA Model				
United States														
49 2 Idaho -5.3% 49 2 Utah -3.5% 49 2 Utah -2.4% 43 3 South Dakota -3.5% 48 3 South Dakota -3.3% 47 4 Arkansas -6.1% 47 4 Montana -6.3% 46 5 Nebraska -4.7% 46 5 Mississippi -3.7% 44 7 Womtana -3.3% 47 4 Montana -3.3% 47 4 Montana -3.3% 47 4 4 Montana -3.2% 44 7 Nowtholk -7.0% 44 7 Arkansas -3.6% 44 7 Wyoming -4.1% 43 8 Nowtholk 42 9 Albabama -7.4% 40 11 Albabama -5.7% 40 11 Mississippi -5.7% 40 11 Mississipa -5.5% 31 12 Instructivigina -6.8% 31 12 Nowtholk 40								•		ľ				-7.8%
48 3 Oklahoma	50	1	Utah	-5.2%	į	0	1	Idaho	-2.9%		50	1	Idaho	-1.8%
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46 5 Montana -6.3% 46 5 Nebraska -4.7% 45 6 Nebraska -6.9% 45 6 Mississippi -3.7% 43 7 Numbrobacta -7.0% 47 7 Arkanas -3.8% 48 7 Veryoming -4.7% 42 9 Mississippi -7.2% 42 9 Oklahoma -5.5% 42 9 Alabama -4.2% 40 11 Tennessee -7.4% 41 10 Kansas -5.6% 41 10 Subth Carolina -5.0% 31 12 West Virginia -7.4% 40 11 Alabama -5.7% 40 11 Missouri -5.5% 32 12 Indiana -5.2% 32 12 Indiana -5.2% 33 13 Indiana -5.2% 33 12 Indiana -5.2% 33 13 Indiana -5.2% 33 14 Nebraska -1.1% 40 11 <td>48</td> <td>3</td> <td>Oklahoma</td> <td>-6.1%</td> <td>4</td> <td>18</td> <td>3</td> <td>South Dakota</td> <td>-3.6%</td> <td></td> <td>48</td> <td>3</td> <td>South Dakota</td> <td>-3.3%</td>	48	3	Oklahoma	-6.1%	4	18	3	South Dakota	-3.6%		48	3	South Dakota	-3.3%
45 6 Nebraska -6.9% 45 6 Mississippi -4.7% 44 7 Avkanasa -3.8% 42 7 Wyoming -4.1% 44 7 Wyoming -4.1% 44 7 Wyoming -4.2% 42 9 Mississippi -7.2% 42 9 Oklahoma -5.5% 42 9 Alabama -4.2% 42 9 Oklahoma -5.5% 41 10 South Carolina -4.2% 42 9 Oklahoma -5.5% 42 9 Alabama -4.4% 41 11 Alabama -5.7% 41 11 Riscorrial 40 11 Missouri -5.2% 33 12 Indiana -5.2% 33 12 Indiana -5.2% 33 12 Indiana -5.2% 33 12 Indiana -5.2% 33 13 Tinscouri -5.2% 33 14 Windiana -5.2% 33 14 Windiana -5.2% 33 <td>47</td> <td>4</td> <td>Arkansas</td> <td>-6.1%</td> <td>4</td> <td>17</td> <td>4</td> <td>Montana</td> <td>-3.8%</td> <td></td> <td>47</td> <td>4</td> <td>Montana</td> <td>-3.7%</td>	47	4	Arkansas	-6.1%	4	17	4	Montana	-3.8%		47	4	Montana	-3.7%
44 7 South Dakota -7.0% 44 7 Arkansas -4.8% 44 7 Wyoming -4.1% 43 8 Arizona -7.1% 43 8 Wyoming -5.4% 42 8 Nebraska -4.2% 41 10 Kansas -7.2% 42 9 Oklahoma -5.5% 42 9 Alabama -4.4% 41 10 Kansas -7.4% 41 10 Kansas -5.6% 41 10 South Carolina -5.0% 40 11 Tennessee -7.4% 40 11 Alabama -5.7% 40 11 Missouri -5.0% 31 12 West Virginia -7.8% 38 12 Indiana -5.7% 39 12 Indiana -5.2% 32 14 Wyoming -8.0% 38 13 Missouri -5.8% 38 13 Tennessee -5.2% 31 14 Wyoming -8.0% 35 15 Iowa -6.0% 35 15 Iowa -5.2% 31 16 Iowa -8.4% 35 16 Wisconsin -6.0% 35 16 North Carolina -8.5% 31 17 Delaware -6.0% 33 18 Virginia -6.0% 31 12 Osoth Carolina -8.5% 31 20 Secreta 30 21 Virginia -6.2% 31 20 Georgia -6.1% 32 12 Dolini -8.8%	46	5	Montana	-6.3%	4	16	5	Nebraska	-4.7%		46	5	Mississippi	-3.7%
43 8 Arizona	45	6	Nebraska	-6.9%	4	15	6	Mississippi	-4.7%		45	6	Arkansas	-3.8%
42 9 Mississippi	44	7	South Dakota	-7.0%	4	14	7	Arkansas	-4.8%		44	7	Wyoming	-4.1%
41 10 Kansas	43	8	Arizona	-7.1%	4	13	8	Wyoming	-5.4%		43	8	Nebraska	-4.2%
40 11 Tennessee	42	9	Mississippi	-7.2%	4	12	9	Oklahoma	-5.5%		42	9	Alabama	-4.4%
39 12 West Virginia	41	10	Kansas	-7.4%	4	1	10	Kansas	-5.6%		41	10	South Carolina	-5.0%
38 13 Alabama -7.8% 38 13 Missouri -5.8% 38 13 Tennessee -5.2% 37 14 Wyoming -8.0% 37 14 Tennessee -5.8% 37 14 Oklahoma -5.4% 35 15 Texas -8.3% 36 15 Iowa -6.0% 35 16 North Carolina -5.5% 34 17 Missouri -8.5% 34 17 Delaware -6.1% 34 17 Kansas -5.8% 32 19 South Carolina -8.5% 32 19 South Carolina -6.2% 33 18 Virginia -6.0% 31 20 North Carolina -8.5% 31 20 Kentucky -6.3% 32 19 Wisconsin -6.0% 30 21 Indiana -8.6% 30 21 Virginia -6.4% 30 21 Delaware -6.2% 28 23 Florida -8.8% 28 23 New Hampshire -6.6% 28 23 West Virginia -6.5% 25 26 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Cohio -6.5% 22 22 Chas 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota	40	11	Tennessee	-7.4%	4	10	11	Alabama	-5.7%		40	11	Missouri	-5.1%
38 13 Alabama -7.8% 38 13 Missouri -5.8% 38 13 Tennessee -5.2% 37 14 Wyoming -8.0% 37 14 Tennessee -5.8% 37 14 Oklahoma -5.4% 35 15 Texas -8.3% 36 15 Iowa -6.0% 35 16 North Carolina -5.5% 34 17 Missouri -8.5% 34 17 Delaware -6.1% 34 17 Kansas -5.8% 32 19 South Carolina -8.5% 32 19 South Carolina -6.2% 33 18 Virginia -6.0% 31 20 North Carolina -8.5% 31 20 Kentucky -6.3% 32 19 Wisconsin -6.0% 30 21 Indiana -8.6% 30 21 Virginia -6.4% 30 21 Delaware -6.2% 28 23 Florida -8.8% 28 23 New Hampshire -6.6% 28 23 West Virginia -6.5% 25 26 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Cohio -6.5% 22 22 Chas 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota	39	12	West Virginia	-7.4%	3	9	12	Indiana	-5.7%		39	12	Indiana	-5.2%
36 15 Texas -8.3% 36 15 Iowa -6.0% 36 15 Iowa -5.4% 35 16 Iowa -8.4% 35 16 Wisconsin -6.0% 35 16 North Carolina -5.5% 31 17 Missouri -8.5% 34 17 Delaware -6.1% 34 17 Kansas -5.8% 32 19 South Carolina -8.5% 31 20 North Carolina -6.3% 32 19 Wisconsin -6.0% 31 20 North Carolina -8.5% 31 20 Kentucky -0.3% 31 20 Georgia -6.1% 32 21 Indiana -8.6% 30 21 Virginia -6.4% 30 21 Delaware -6.2% 29 22 Ohio -8.8% 29 22 Ohio -6.5% 29 22 Texas -6.2% 28 23 Florida -8.8% 28 23 New Hampshire -6.6% 26 25 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Ohio -6.5% 26 25 Chio -6.5% 26 25 Ohio -6.5% 26 25 Ohio -6.5% 26 25 Chio -6.5% 26 25 Chio -6.5% 26 25	38		-	-7.8%	3	88	13	Missouri	-5.8%		38	13	Tennessee	-5.2%
36 15 Texas -8.3% 36 15 Iowa -6.0% 36 15 Iowa -5.4% 35 16 Iowa -8.4% 35 16 Wisconsin -6.0% 35 16 North Carolina -5.5% 31 17 Missouri -8.5% 34 17 Delaware -6.1% 34 17 Kansas -5.8% 32 19 South Carolina -6.5% 32 19 South Carolina -6.3% 32 19 Wisconsin -6.0% 31 20 North Carolina -8.5% 31 De Kentucky -6.3% 31 De Georgia -6.1% 32 21 Indiana -8.6% 30 21 Virginia -6.4% 30 21 Delaware -6.2% 29 22 Ohio -6.8% 29 22 Ohio -6.6% 28 23 West Virginia -6.6% 26 25 Kentucky -9.2% 26 Delaware -6.6% 26 Delaware -6.5% 26 Delaware -9.5% 25 Delaware -7.0% 24 Z7 Maine -6.5% 20 29 Virginia -9.8% 22 Z	37	14	Wyoming	-8.0%	3	37	14	Tennessee	-5.8%		37	14	Oklahoma	-5.4%
35 16 I lowa -8.4% 35 16 Wisconsin -6.0% 35 16 North Carolina -5.5% 34 17 Missouri -8.5% 34 17 Delaware -6.1% 34 17 Kansas -5.8% 32 18 Georgia -8.5% 33 18 North Carolina -6.2% 32 18 Virginia -6.0% 31 20 North Carolina -8.5% 31 20 Kentucky -6.3% 32 19 Visconsin -6.0% 30 21 I Indiana -8.6% 30 21 Virginia -6.4% 30 21 Delaware -6.2% 28 23 Florida -8.8% 29 22 Ohio -6.6% 22 22 Exas -6.2% 26 25 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Ohio -6.5% 26 25 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Ohio -6.5% 24 27 Colorado -9.6% 24 27 Georgia -7.0% 22<											36			-5.4%
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32 19 South Carolina	34	17	Missouri	-8.5%	3	84	17	Delaware	-6.1%		34	17	Kansas	-5.8%
32 19 South Carolina -8.5% 32 19 South Carolina -6.3% 31 20 North Carolina -8.5% 31 20 Kentucky -6.3% 31 20 Georgia -6.1% 30 21 Indiana -8.6% 30 21 Virginia -6.4% 30 21 Delaware -6.2% 28 23 Florida -8.8% 28 23 New Hampshire -6.6% 29 22 Texas -6.2% 27 24 Wisconsin -9.1% 27 24 West Virginia -6.6% 28 23 West Virginia -6.5% 26 25 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Ohio -5.5% 26 25 Kentucky -9.2% 26 25 Maine -6.6% 26 25 Ohio -5.5% 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 23 28 Delaware -9.7% 23 28 North Dakota -7.2% 23 28 Maryland -7.1% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota -7.5% 23 3 Mayland -11.4% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 21 30 Washington -10.1% </td <td>33</td> <td>18</td> <td>Georgia</td> <td>-8.5%</td> <td>3</td> <td>3</td> <td>18</td> <td>North Carolina</td> <td>-6.2%</td> <td></td> <td>33</td> <td>18</td> <td>Virginia</td> <td>-6.0%</td>	33	18	Georgia	-8.5%	3	3	18	North Carolina	-6.2%		33	18	Virginia	-6.0%
30 21 Indiana	32	19	South Carolina	-8.5%	3	32	19	South Carolina	-6.3%		32		· ·	-6.0%
30 21 Indiana	31	20	North Carolina	-8.5%	3	31	20	Kentuckv	-6.3%		31	20	Georgia	-6.1%
29 22 Ohio -8.8% 29 22 Ohio -6.5% 29 22 Texas -6.2% 28 23 Florida -8.8% 28 23 New Hampshire -6.6% 28 23 West Virginia -6.5% 27 24 Wisconsin -9.1% 27 24 West Virginia -6.6% 27 24 Arizona -6.5% 26 25 Kentucky -9.2% 25 26 Maine -6.6% 26 25 Ohio -6.5% 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 23 28 Delaware -9.7% 23 28 North Dakota -7.2% 23 28 Maryland -7.1% 21 30 Washington -10.1% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 23 31 New Mexico -10.5% 20 31 Connecticut -7.6% 20 31 Connecticut -7.6% 19 32 Minnesota -11.2% 19 32 Florida -7.9%								•					· ·	
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27 24 Wisconsin -9.1% 27 24 West Virginia -6.6% 27 24 Arizona -6.5% 26 25 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Ohio -6.5% 25 26 North Dakota -9.5% 25 26 Maine -6.6% 25 26 Kentucky -6.6% 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 23 28 Delaware -9.7% 23 28 North Dakota -7.2% 23 28 Maryland -7.1% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota -7.5% 21 30 Washington -10.1% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 20 31 New Mexico -10.5% 20 31 Connecticut -7.6% 20 31 Connecticut -7.6% 19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 15 36 Maine -11.5% 16 35 Washington -8.2% 15 36 Washington -8.3%	28	23	Florida	-8.8%		28	23	New Hampshire	-6.6%		28	23	West Virginia	-6.5%
26 25 Kentucky -9.2% 26 25 Arizona -6.6% 26 25 Ohito -6.5% 25 26 North Dakota -9.5% 25 26 Maine -6.8% 25 26 Kentucky -6.6% 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 23 28 Delaware -9.7% 23 28 North Dakota -7.2% 23 28 Maryland -7.1% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota -7.5% 21 30 Washington -10.1% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -12.4% 18	27	24	Wisconsin	-9.1%				•	-6.6%		27		_	-6.5%
25 26 North Dakota -9.5% 25 26 Maine -6.8% 25 26 Kentucky -6.6% 24 27 Colorado -9.6% 24 27 Georgia -7.0% 24 27 Maine -6.7% 23 28 Delaware -9.7% 23 28 North Dakota -7.2% 23 28 Maryland -7.1% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota -7.5% 21 30 Washington -10.1% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 15 36 Maine -11.6% 15 36 Maryland -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.2% 13 38 Maryland -11.9% <td>26</td> <td>25</td> <td>Kentucky</td> <td>-9.2%</td> <td></td> <td></td> <td></td> <td>· ·</td> <td>-6.6%</td> <td></td> <td>26</td> <td>25</td> <td>Ohio</td> <td>-6.5%</td>	26	25	Kentucky	-9.2%				· ·	-6.6%		26	25	Ohio	-6.5%
23 28 Delaware -9.7% 23 28 North Dakota -7.2% 23 28 Maryland -7.1% 22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota -7.5% 21 30 Washington -10.1% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 20 31 New Mexico -10.5% 20 31 Connecticut -7.6% 20 31 Connecticut -7.6% 19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 17 34 Oregon -11.4% 17 34 Minnesota -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.2% <td< td=""><td>25</td><td>26</td><td>North Dakota</td><td>-9.5%</td><td></td><td>25</td><td>26</td><td>Maine</td><td>-6.8%</td><td></td><td>25</td><td>26</td><td>Kentucky</td><td>-6.6%</td></td<>	25	26	North Dakota	-9.5%		25	26	Maine	-6.8%		25	26	Kentucky	-6.6%
22 29 Virginia -9.8% 22 29 Texas -7.4% 22 29 North Dakota -7.5% 21 30 Washington -10.1% 21 30 Colorado -7.5% 21 30 Alaska -7.5% 20 31 New Mexico -10.5% 20 31 Connecticut -7.6% 20 31 Connecticut -7.6% 19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 17 34 Oregon -11.4% 17 34 Minnesota -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 14 37 Illinois -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 13 41 Connecticut -12.2% 11 40 Oregon -8.7%	24	27	Colorado	-9.6%		24	27	Georgia	-7.0%		24	27	Maine	-6.7%
21 30 Washington -10.1% 21 30 Colorado -7.5% 20 31 Connecticut -7.6% 19 32 New Hampshire -7.8% 18 33 Illunois -8.2% 18 33 Florida -8.2% 18 33 Florida -8.1% 19 32 New Hampshire -7.5% 18 33 Illunois -11.4% 17 34 Minnesota -8.2% 16 35 Colorado -8.4% 15 36 Mashington -8.2% 15 36 Washington -8.2% 15 36 Washington -8.2% 15 36 Washington -8.2% 15 36	23	28	Delaware	-9.7%				· ·	-7.2%		23	28	Maryland	-7.1%
20 31 New Mexico -10.5% 20 31 Connecticut -7.6% 20 31 Connecticut -7.6% 19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 17 34 Oregon -11.4% 18 33 Illinois -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 14 37 Illinois -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.5% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 1	22	29	Virginia	-9.8%		2	29	Texas	-7.4%		22	29	North Dakota	-7.5%
19 32 Minnesota -11.2% 19 32 Florida -7.9% 19 32 New Hampshire -7.8% 18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 17 34 Oregon -11.4% 17 34 Minnesota -8.2% 17 34 Louisiana -8.3% 16 35 New Hampshire -11.5% 16 35 Washington -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -8.5% 12 39 Vermont -8.5% 12 39 Vermont -9.2% 11 40	21	30	Washington	-10.1%		21	30	Colorado	-7.5%		21	30	Alaska	-7.5%
18 33 Louisiana -11.4% 18 33 Illinois -8.2% 18 33 Florida -8.1% 17 34 Oregon -11.4% 17 34 Minnesota -8.2% 17 34 Louisiana -8.3% 16 35 New Hampshire -11.5% 16 35 Washington -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 13 38 Maryland -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Illinois -8.7% 12 39 Vermont -8.7% 12 39 Vermont -9.7%	20	31	New Mexico	-10.5%		20	31	Connecticut	-7.6%		20	31	Connecticut	-7.6%
17 34 Oregon -11.4% 17 34 Minnesota -8.2% 17 34 Louisiana -8.3% 16 35 New Hampshire -11.5% 16 35 Washington -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 14 37 Illinois -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 9 42 Minnesota -10.0% 8 43 Michig	19	32	Minnesota	-11.2%	1	9	32	Florida	-7.9%		19	32	New Hampshire	-7.8%
16 35 New Hampshire -11.5% 16 35 Washington -8.2% 16 35 Colorado -8.4% 15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 14 37 Illinois -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 8 43 Michigan -13.3% 9 42 New Jersey -9.2%<	18	33	Louisiana	-11.4%	1	.8	33	Illinois	-8.2%		18	33	Florida	-8.1%
15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 14 37 Illinois -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 New Mexico -10.4% </td <td>17</td> <td>34</td> <td>Oregon</td> <td>-11.4%</td> <td></td> <td>7</td> <td>34</td> <td>Minnesota</td> <td>-8.2%</td> <td></td> <td>17</td> <td>34</td> <td>Louisiana</td> <td>-8.3%</td>	17	34	Oregon	-11.4%		7	34	Minnesota	-8.2%		17	34	Louisiana	-8.3%
15 36 Maine -11.6% 15 36 Maryland -8.3% 15 36 Washington -8.5% 14 37 Illinois -11.7% 14 37 Pennsylvania -8.4% 14 37 Pennsylvania -8.6% 13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 New Mexico -10.4% </td <td>16</td> <td>35</td> <td>New Hampshire</td> <td>-11.5%</td> <td></td> <td>.6</td> <td>35</td> <td>Washington</td> <td>-8.2%</td> <td></td> <td>16</td> <td>35</td> <td>Colorado</td> <td>-8.4%</td>	16	35	New Hampshire	-11.5%		.6	35	Washington	-8.2%		16	35	Colorado	-8.4%
13 38 Maryland -11.9% 13 38 Vermont -8.5% 13 38 Illinois -8.7% 12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.2% 8 43 Oregon -10.1% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 <td>15</td> <td>36</td> <td>Maine</td> <td>-11.6%</td> <td></td> <td></td> <td></td> <td></td> <td>-8.3%</td> <td></td> <td>15</td> <td>36</td> <td>Washington</td> <td>-8.5%</td>	15	36	Maine	-11.6%					-8.3%		15	36	Washington	-8.5%
12 39 Pennsylvania -12.1% 12 39 Michigan -8.7% 12 39 Vermont -9.1% 11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -15.5% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48	14	37	Illinois	-11.7%		4	37	Pennsylvania	-8.4%		14	37	Pennsylvania	-8.6%
11 40 California -12.2% 11 40 Oregon -8.7% 11 40 New Jersey -9.3% 10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -15.5% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nev	13	38	Maryland	-11.9%	:	.3	38	Vermont	-8.5%		13	38	Illinois	-8.7%
10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -15.5% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7	12	39	Pennsylvania	-12.1%	:	.2	39	Michigan	-8.7%		12	39	Vermont	-9.1%
10 41 Connecticut -12.2% 10 41 Rhode Island -9.2% 10 41 Michigan -10.0% 9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -15.5% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7	11	40	California	-12.2%	:	.1	40	Oregon	-8.7%		11	40	New Jersey	-9.3%
9 42 Vermont -13.3% 9 42 New Jersey -9.2% 9 42 Minnesota -10.0% 8 43 Michigan -13.6% 8 43 New Mexico -9.2% 8 43 Oregon -10.1% 7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -15.5% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nevada -13.8% 2 49 Nevada -13.8% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	10	41	Connecticut	-12.2%	:			-	-9.2%		10	41	Michigan	-10.0%
7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nevada -17.8% 2 49 Nevada -13.8% 2 49 Nevada -13.4% 1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	9	42	Vermont	-13.3%		9	42	New Jersey	-9.2%		9		_	-10.0%
7 44 Alaska -13.7% 7 44 Louisiana -9.8% 7 44 Rhode Island -10.3% 6 45 Rhode Island -14.2% 6 45 Alaska -10.3% 6 45 New Mexico -10.4% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nevada -17.8% 2 49 Nevada -13.8% 2 49 Nevada -13.4% 1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	8	43	Michigan	-13.6%		8	43	New Mexico	-9.2%		8	43	Oregon	-10.1%
5 46 Massachusetts -15.5% 5 46 Massachusetts -11.2% 5 46 Massachusetts -11.1% 4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nevada -13.8% 2 49 Nevada -13.4% 1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	7	44	Alaska	-13.7%		7	44	Louisiana	-9.8%		7	44	Rhode Island	-10.3%
4 47 New Jersey -15.7% 4 47 California -11.2% 4 47 California -11.3% 3 48 New York -16.8% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nevada -13.8% 2 49 Nevada -13.4% 1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	6	45	Rhode Island	-14.2%		6	45	Alaska	-10.3%		6	45	New Mexico	-10.4%
3 48 New York -16.8% 3 48 New York -11.7% 3 48 New York -12.3% 2 49 Nevada -17.8% 2 49 Nevada -13.8% 2 49 Nevada -13.4% 1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	5	46	Massachusetts	-15.5%		5	46	Massachusetts	-11.2%		5	46	Massachusetts	-11.1%
2 49 Nevada -17.8% 2 49 Nevada -13.8% 2 49 Nevada -13.4% 1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	4	47	New Jersey	-15.7%		4	47	California	-11.2%		4	47	California	-11.3%
1 50 Hawaii -20.7% 1 50 Hawaii -23.4% 1 50 Hawaii -18.9%	3	48	New York	-16.8%		3	48	New York	-11.7%		3	48	New York	-12.3%
	2	49	Nevada	-17.8%		2	49	Nevada	-13.8%		2	49	Nevada	-13.4%
District of Columbia -10.7% District of Columbia -9.1% District of Columbia -9.6%	1	50	Hawaii	-20.7%		1	50	Hawaii	-23.4%		1	50	Hawaii	-18.9%
			District of Columbia	-10.7%				District of Columbia	-9.1%				District of Columbia	-9.6%





Percent Below ARIMA Model Forecast of Pre-Pandemic Job Growth

		cent Below ARIMA Mo		Percent Below ARIMA Model Percent Below ARIMA Model									
		recast as of March 20					orecast as of June 202					cast as of September	
	10	United States	-7.2%			•	United States	-6.3%			Oic	United States	-5.4%
50	1	Idaho	-1.4%		50	1	Idaho	-1.6%		50	1	Utah	-0.9%
49		Utah	-1.8%		49	2	Utah	-1.6%		49	2	Idaho	-2.3%
48	3	South Dakota	-2.7%		48	3	South Dakota	-2.8%		48	3	South Dakota	-2.8%
47	4	Montana	-3.0%		47	4	Montana	-3.3%		47	4	Nebraska	-2.9%
46	5	Nebraska	-3.5%		46	5	Nebraska	-3.5%		46	5	Mississippi	-3.1%
45	6	Arkansas	-3.6%		45	6	Arkansas	-3.6%		45	6	Montana	-3.6%
44	7	Wyoming	-3.8%		44	7	Mississippi	-3.6%		44	7	Arkansas	-3.6%
43	8	Mississippi	-4.1%		43	8	Tennessee	-4.1%		43	8	Alabama	-3.7%
42	9	Alabama	-4.2%		42	9	West Virginia	-4.3%		42	9	Oklahoma	-3.8%
41	10	Kansas	-4.6%		41	10	Alabama	-4.4%		41	10	West Virginia	-3.9%
40	11	Oklahoma	-4.8%		40	11	Wyoming	-4.4%		40		Wyoming	-3.9%
39	12	Missouri	-4.9%		39	12	Kansas	-4.6%		39	12	Kansas	-4.0%
38	13	Iowa	-4.9%		38	13	Oklahoma	-4.7%		38	13	Texas	-4.0%
37	14	Tennessee	-5.0%		37	14	Arizona	-4.7%		37	14	Missouri	-4.2%
36	15	West Virginia	-5.0%		36	15	Maine	-4.8%		36	15	Iowa	-4.3%
35	16	Maine	-5.2%		35	16	North Carolina	-4.8%		35	16	Arizona	-4.4%
34	17	North Carolina	-5.3%		34	17	Missouri	-4.9%		34	17	Georgia	-4.5%
33	18	Indiana	-5.3%		33	18	Indiana	-4.9%		33	18	Tennessee	-4.6%
32	19	South Carolina	-5.3%		32	19	Iowa	-5.0%		32	19	Indiana	-4.7%
31	20	New Hampshire	-5.4%		31	20	Wisconsin	-5.1%		31	20	South Carolina	-4.7%
30	21	Wisconsin	-5.6%		30	21	Texas	-5.2%		30	21	North Carolina	-4.9%
29	22	Texas	-5.6%		29	22	Georgia	-5.3%		29	22	Wisconsin	-5.0%
28	23	Georgia	-5.8%		28	23	Delaware	-5.6%		28	23	Washington	-5.3%
27	24	Kentucky	-5.9%		27	24	South Carolina	-5.7%		27	24	Maryland	-5.3%
26	25	North Dakota	-6.0%		26	25	North Dakota	-5.9%		26	25	New Hampshire	-5.3%
25	26	Delaware	-6.1%		25	26	Kentucky	-6.0%		25	26	Kentucky	-5.3%
24	27	Virginia	-6.1%		24	27	Virginia	-6.0%		24	27	Delaware	-5.3%
23	28	Arizona	-6.1%		23	28	Ohio	-6.2%		23	28	Virginia	-5.4%
22	29	Ohio	-6.1%		22	29	Colorado	-6.2%		22	29	Connecticut	-5.5%
21	30	Maryland	-6.4%		21	30	New Hampshire	-6.2%		21	30	Maine	-5.5%
20	31	Alaska	-7.0%		20	31	Maryland	-6.3%		20	31	Florida	-5.7%
19	32	Connecticut	-7.2%		19	32	Washington	-6.4%		19	32	Ohio	-5.7%
18	33	Washington	-7.3%		18	33	Vermont	-6.4%		18	33	Colorado	-5.8%
17	34	Colorado	-7.3%		17	34	Connecticut	-6.6%		17		North Dakota	-6.0%
16	35	Illinois	-7.4%		16	35	Minnesota	-6.9%		16	35	Minnesota	-6.0%
15	36	Minnesota	-7.5%		15	36	Florida	-7.0%		15	36	Rhode Island	-6.3%
14		Pennsylvania	-7.7%		14		Illinois	-7.0%		14		Illinois	-6.3%
13		Michigan	-7.9%		13		Pennsylvania	-7.3%		13		Vermont	-6.6%
12		Florida	-8.0%		12		Rhode Island	-8.0%		12		New Jersey	-6.8%
11		Vermont	-8.2%		11		Michigan	-8.0%		11		Pennsylvania	-6.9%
10		Oregon	-8.4%		10		New Jersey	-8.1%		10		Alaska	-6.9%
9		Louisiana	-8.4%		9		Oregon	-8.1%		9		Michigan	-7.1%
8		Rhode Island	-8.6%		8		New Mexico	-8.3%		8		New Mexico	-7.1%
7		New Jersey	-8.8%		7		Louisiana	-8.5%		7		Oregon	-7.1%
6		New Mexico	-9.0%		6		Alaska	-8.5%		6		Massachusetts	-7.8%
5		Massachusetts	-9.5%		5		Massachusetts	-9.0%		5		California	-8.7%
4		California	-10.6%		4		California	-9.6%		4		Louisiana	-9.4%
3		New York	-11.3%		3		Nevada New York	-11.0%		3		Nevada New York	-10.1%
2		Nevada	-12.5%		2		New York	-11.2%		2		New York	-10.6%
1	50	Hawaii	-17.6%		1	50	Hawaii	-14.8%		1	DU	Hawaii	-14.7%
		District of Columbia	-10.1%	Į			District of Columbia	-8.7%	Į			District of Columbia	-8.1%





Percent Off ARIMA Forecast of Pre-Pandemic Job Growth

		EIIL OII AINIM									
Pei	rcen	t Below ARIMA Model	Forecast	Per	cent	: Below ARIMA Model		Per	ent	Below ARIMA Model F	
		as of October 2021	F 20/			of November 2021 (F				of December 2021 (P	
-0	4	United States	-5.2%		4	United States	-5.1%	-0	4	United States	-5.1%
50		Utah	-0.6%	50	1	Utah	-0.6%	50		Utah	-0.8%
49		Mississippi	-2.5%	49	2	Idaho	-2.5%	49		Mississippi	-2.4%
48	3	Idaho	-2.5%	48	3	Nebraska	-2.6%	48		Idaho	-2.5%
47	4	Nebraska	-2.7%	47	4	Mississippi	-2.7%	47		West Virginia	-2.5%
46	5	South Dakota	-2.7%	46	5	Arkansas	-2.9%	46	5	Montana	-2.6%
45	6	Alabama	-3.1%	45	6	South Dakota	-3.1%	45	6	Nebraska	-2.8%
44	7	Arkansas	-3.2%	44	7	Montana	-3.2%	44		Arkansas	-2.9%
43	8	Montana	-3.5%	43	8	Texas	-3.2%	43	8	Texas	-3.0%
42	9	West Virginia	-3.6%	42	9	Alabama	-3.3%	42	9	Wyoming	-3.1%
41	10	Texas	-3.7%	41	10	West Virginia	-3.3%	41	10	Indiana	-3.3%
40	11	Oklahoma	-3.7%	40	11	Wyoming	-3.4%	40	11	Alabama	-3.3%
39	12	Wyoming	-3.8%	39	12	Indiana	-3.6%	39	12	Missouri	-3.4%
38	13	Kansas	-4.0%	38	13	Oklahoma	-3.8%	38	13	South Dakota	-3.5%
37	14	Missouri	-4.0%	37	14	Kansas	-3.8%	37	14	Iowa	-3.5%
36	15	Indiana	-4.2%	36	15	Missouri	-3.9%	36	15	Georgia	-3.7%
35	16	Arizona	-4.2%	35	16	Georgia	-4.0%	35	16	Oklahoma	-3.7%
34	17	Georgia	-4.3%	34	17	Iowa	-4.2%	34	17	Kansas	-3.8%
33	18	lowa	-4.3%	33	18	Arizona	-4.2%	33	18	Tennessee	-3.9%
32	19	Tennessee	-4.3%	32	19	Tennessee	-4.2%	32	19	Arizona	-4.0%
31	20	North Carolina	-4.4%	31	20	North Carolina	-4.4%	31	20	North Carolina	-4.1%
30	21	South Carolina	-4.7%	30	21	Maryland	-4.5%	30	21	Maryland	-4.4%
29		Maryland	-4.9%	29		South Carolina	-4.6%	29		Virginia	-4.4%
28		Wisconsin	-4.9%	28		Virginia	-4.7%	28		Kentucky	-4.5%
27		New Hampshire	-5.0%	27		Wisconsin	-4.7%	27		Wisconsin	-4.5%
26		Virginia	-5.0%	26		Kentucky	-4.8%	26		South Carolina	-4.6%
25		Kentucky	-5.1%	25		New Hampshire	-4.9%	25		New Hampshire	-4.8%
24		Delaware	-5.1%	24		Connecticut	-5.0%	24		Delaware	-4.8%
23		Connecticut	-5.1%	23		Florida	-5.0%	23		Washington	-4.9%
22		Florida	-5.3%	22		Delaware	-5.0%	22		Connecticut	-4.9%
21		Maine	-5.3%	21		Washington	-5.1%	21		Florida	-5.0%
		Washington		20		Ohio				Illinois	-5.1%
20		Ohio	-5.4%		_		-5.2%	20		Ohio	
19		Alaska	-5.5%	19	-	Colorado	-5.3%	19	-	Maine	-5.1%
18			-5.5%	18		Maine	-5.4%	18			-5.2%
		Colorado	-5.6%	17		North Dakota	-5.4%	17		Colorado	-5.2%
16		Illinois	-5.7%	16		Illinois	-5.4%	16		Alaska	-5.4%
15		Minnesota	-5.8%	15		Minnesota	-5.5%	15		New Jersey	-5.4%
14		North Dakota	-5.9%	14		New Jersey	-5.6%	14		New Mexico	-5.5%
13		New Jersey	-6.1%	13		Alaska	-5.7%	13	38	Minnesota	-5.6%
12		Michigan	-6.3%	12		New Mexico	-5.9%	12	39	Rhode Island	-5.6%
11		New Mexico	-6.4%	11		Michigan	-6.1%	11	40	North Dakota	-5.7%
10	41	Vermont	-6.4%	10		Rhode Island	-6.1%	10		Michigan	-5.9%
9	42	Pennsylvania	-6.5%	9	42	Pennsylvania	-6.2%	9	42	Pennsylvania	-6.0%
8	43	Rhode Island	-6.7%	8	43	Vermont	-6.3%	8	43	Vermont	-6.3%
7	44	Oregon	-6.9%	7	44	Oregon	-6.6%	7	44	Oregon	-6.4%
6	45	Massachusetts	-7.2%	6	45	Massachusetts	-6.9%	6	45	Massachusetts	-6.5%
5	46	Louisiana	-7.6%	5	46	Louisiana	-7.2%	5	46	Louisiana	-6.8%
4	47	California	-8.2%	4	47	California	-8.1%	4	47	California	-8.0%
3	48	Nevada	-9.5%	3	48	Nevada	-9.5%	3	48	Nevada	-9.4%
2	49	New York	-10.3%	2	49	New York	-10.1%	2	49	New York	-9.7%
1	50	Hawaii	-14.5%	1	50	Hawaii	-14.3%	1	50	Hawaii	-14.1%
		District of Columbia	-7.5%			District of Columbia	-7.6%			District of Columbia	-7.5%





Severity of Governmental Actions: March 1, 2020 through March 31, 2021

State Total Solly Score Dally Da		Gover	nment Severity	/ Index	Abridged	Oxford Stringe	ncy Index	Average
Washington 32,145 81.2 1 19,731 49.8 14 7.5 Hawaii 30,555 77.2 2 26,290 66.3 2 2 2 New York 29,350 74.1 3 25,508 66.3 2 2 2 New York 29,350 74.1 3 25,508 66.4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 6 4.2 7 26,509 66.8 7 7 6 6 18 4,700 4 4 7 6 6 18 17,040 43.0 24 16 16 18 47,000 43.0 24 16 16 16 18 17,040 43.0 24 16 16 16 16 16 18 17,040 43.0 24 16 16 18 17,040 43.0 24	State							_
Washington 32,145 81.2 1 19,731 49.8 14 7.5 Hawaii 30,555 77.2 2 26,250 66.3 2 2 New York 29,350 74.1 3 25,508 64.4 3 3 Colorado 28,870 72.9 4 16,897 42.7 25 14.5 California 27,771 70.1 5 22,080 55.8 7 6 Illinois 27,721 70.0 6 18,499 46.7 18 12 New Mexico 26,840 67.8 7 26,593 67.2 1 4 Texas 2,6762 67.6 8 17,040 43.0 24 16 Michigan 26,100 65.9 9 17,728 45.3 21 15 Connecticut 25,818 65.2 10 21,837 55.3 8 9 Maryland 25,916 63.2	State		_	Rank	Total Score	_	Rank	
Hawaii	Washington		•	1	10 721	•	14	
New York								
Colorado 28,870 72.9 4 16,897 42.7 25 14.5 California 27,772 70.1 5 22,080 55.8 7 6 Illinois 27,721 70.0 6 18,499 46.7 18 12 New Mexico 26,840 67.8 7 26,593 67.2 1 4 Texas 26,762 67.6 8 17,040 43.0 24 16 Michigan 26,100 65.9 9 17,928 45.3 21 15 Connecticut 25,818 65.2 10 21,887 55.3 8 9 Moryland 25,803 65.2 11 20,136 50.8 11 11 Vermont 25,003 65.2 12 12,2306 56.3 5 8.5 New Jersey 24,810 62.7 13 17,788 44.9 22 17.5 Minnesota 24,758 62.5			l		1			
California 27,772 70.1 5 22,080 55.8 7 6 Illinois 27,772 70.0 6 18,499 46.7 18 12 New Mexico 26,840 67.8 7 26,593 67.2 1 4 4 Texas 26,762 67.6 8 17,040 43.0 24 16 Michigan 26,100 65.9 9 17,928 45.3 21 15 Connecticut 25,818 65.2 10 21,887 55.3 8 9 Maryland 25,803 65.2 11 20,136 50.8 11 11 Vermont 25,016 63.2 12 22,306 56.3 5 8.5 New Jersey 24,810 62.7 13 17,788 44.9 22 17.5 Minnesota 24,758 62.5 14 19,141 48.3 17 15.5 Massachusetts 24,648 62.2 15 21,680 54.7 9 12 Kentucky 23,713 59.9 16 19,883 50.2 13 14.5 Arkansas 23,603 59.6 17 14,501 36.6 39 28 Maine 23,441 59.2 18 22,204 56.1 6 12 North Carolina 22,878 57.8 19 20,296 51.3 10 14.5 Nevada 22,844 57.7 20 14,942 37.7 36 28 Louislana 22,257 56.2 21 16,875 42.6 26 23.5 West Virginia 21,880 55.3 23 18,024 45.5 20 21.5 Arizona 21,448 54.2 24 13,498 34.1 44 34 Mysconsin 21,344 53.9 26 18,294 37.7 36 28 West Virginia 21,880 55.3 23 18,024 45.5 20 21.5 Arizona 21,448 54.2 24 13,498 34.1 44 34 Mysconsin 21,348 53.9 26 15,764 39.8 29 27.5 Mestaginia 20,698 52.3 29 16,498 41.7 27 28 Mestaginia 20,698 52.3 29 16,498 41.7 27 28 Mysconsin 21,344 54.5 39 25 14.750 37.2 37 31 Horida 21,349 53.9 26 15,764 39.8 29 27.5 Minsissispipi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,19 988 50.4 12 21.5 Arizona 11,486 45.9 25 14.750 37.2 37 31 Horida 18,528 46.8 36 10,282 26.0 47 41.5 Mysconsin 18,683 47.2 34 19,923 48.5 16 25 Myoming 14,580 36.8 41 19,096 37.7 46 44.5 Myoming 14,580 36.8 41 15,076 38.1 34 Myoming 14,580 36.8 41 15,076 38.1 37 Myoming 14,580 36.8 41 15,076 38.1 34 Myoming 14,580 36.8 44 15,099 39.5 30 37 Myoming 44,580 36.8 49 40,756 12.0 50 49.5								
Illinois					· ·			
New Mexico 26,840 67.8 7 26,593 67.2 1 4 Texas 26,762 67.6 8 17,040 43.0 24 16 Michigan 26,100 65.9 9 9 17,928 45.3 21 15 Connecticut 25,818 65.2 10 21,887 55.3 8 9 Maryland 25,803 65.2 11 20,136 50.8 11 11 Vermont 25,016 63.2 12 22,306 56.3 5 8.5 New Jersey 24,810 62.7 13 17,788 44.9 22 17.5 Minnesota 24,758 62.5 14 19,141 48.3 17 15.5 Massachusetts 24,648 62.2 15 21,680 54.7 9 12 Kentucky 23,713 59.9 16 19,883 50.2 13 14.5 Arkansas 2					· ·			
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Nevada 22,844 57.7 20 14,942 37.7 36 28 Louisiana 22,257 56.2 21 16,875 42.6 26 23.5 Pennsylvania 22,249 56.2 22 17,111 43.2 23 22.5 West Virginia 21,880 55.3 23 18,024 45.5 20 21.5 Arizona 21,448 54.2 24 13,498 34.1 44 34 Wisconsin 21,364 53.9 25 14,750 37.2 37 31 Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississispipi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Viriginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina <td< td=""><td>Maine</td><td></td><td></td><td>18</td><td>1</td><td>56.1</td><td>6</td><td></td></td<>	Maine			18	1	56.1	6	
Louisiana 22,257 56.2 21 16,875 42.6 26 23.5 Pennsylvania 22,249 56.2 22 17,111 43.2 23 22.5 West Virginia 21,880 55.3 23 18,024 45.5 20 21,5 Arizona 21,488 54.2 24 13,498 34.1 44 34 Wisconsin 21,364 53.9 25 14,750 37.2 37 31 Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississispipi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware	North Carolina	22,878	57.8	19	20,296	51.3	10	
Pennsylvania 22,249 56.2 22 17,111 43.2 23 22.5 West Virginia 21,880 55.3 23 18,024 45.5 20 21.5 Arizona 21,448 54.2 24 13,498 34.1 44 34 Wisconsin 21,364 53.9 25 14,750 37.2 37 31 Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississippi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia	Nevada	22,844	57.7	20	14,942	37.7	36	28
West Virginia 21,880 55.3 23 18,024 45.5 20 21.5 Arizona 21,448 54.2 24 13,498 34.1 44 34 Wisconsin 21,364 53.9 25 14,750 37.2 37 31 Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississippi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware <td< td=""><td>Louisiana</td><td>22,257</td><td>56.2</td><td>21</td><td>16,875</td><td>42.6</td><td>26</td><td>23.5</td></td<>	Louisiana	22,257	56.2	21	16,875	42.6	26	23.5
Arizona 21,448 54.2 24 13,498 34.1 44 34 Wisconsin 21,364 53.9 25 14,750 37.2 37 31 Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississippi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 Nebraska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 17,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Nissouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Pennsylvania	22,249	56.2	22	17,111	43.2	23	22.5
Wisconsin 21,364 53.9 25 14,750 37.2 37 31 Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississippi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528	West Virginia	21,880	55.3	23	18,024	45.5	20	21.5
Florida 21,349 53.9 26 15,764 39.8 29 27.5 Mississippi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Arizona	21,448	54.2	24	13,498	34.1	44	34
Mississippi 21,067 53.2 27 13,642 34.5 41 34 Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454	Wisconsin	21,364	53.9	25	14,750	37.2	37	31
Alabama 20,913 52.8 28 11,219 28.3 45 36.5 Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Morthama	Florida	21,349	53.9	26	15,764	39.8	29	27.5
Virginia 20,698 52.3 29 16,498 41.7 27 28 South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409	Mississippi	21,067	53.2	27	13,642	34.5	41	34
South Carolina 20,461 51.7 30 13,596 34.3 43 36.5 Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405	Alabama	20,913	52.8	28	11,219	28.3	45	36.5
Delaware 20,459 51.7 31 19,968 50.4 12 21.5 Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8	Virginia	20,698	52.3	29	16,498	41.7	27	28
Georgia 18,821 47.5 32 15,375 38.8 32 32 Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 </td <td>South Carolina</td> <td>20,461</td> <td>51.7</td> <td>30</td> <td>13,596</td> <td>34.3</td> <td>43</td> <td>36.5</td>	South Carolina	20,461	51.7	30	13,596	34.3	43	36.5
Idaho 18,725 47.3 33 15,033 38.0 35 34 Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.	Delaware	20,459	51.7	31	19,968	50.4	12	21.5
Oregon 18,683 47.2 34 19,223 48.5 16 25 Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 <t< td=""><td>Georgia</td><td>18,821</td><td>47.5</td><td>32</td><td>15,375</td><td>38.8</td><td>32</td><td>32</td></t<>	Georgia	18,821	47.5	32	15,375	38.8	32	32
Rhode Island 18,539 46.8 35 23,325 58.9 4 19.5 Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 <	Idaho	18,725	47.3	33	15,033	38.0	35	34
Utah 18,528 46.8 36 10,282 26.0 47 41.5 Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 2	Oregon	18,683	47.2	34	19,223	48.5	16	25
Kansas 18,454 46.6 37 15,406 38.9 31 34 Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7	Rhode Island	18,539	46.8	35	23,325	58.9	4	19.5
Indiana 18,114 45.7 38 14,691 37.1 38 38 Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 3,480	Utah	18,528	46.8	36	10,282	26.0	47	41.5
Montana 17,409 44.0 39 15,336 38.7 33 36 New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 <	Kansas	18,454	46.6	37	15,406	38.9	31	34
New Hampshire 15,405 38.9 40 16,024 40.5 28 34 Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Indiana	18,114	45.7	38	14,691	37.1	38	38
Wyoming 14,580 36.8 41 15,076 38.1 34 37.5 Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Montana	17,409	44.0	39	15,336	38.7	33	36
Alaska 13,219 33.4 42 18,389 46.4 19 30.5 Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	New Hampshire	15,405	38.9	40	16,024	40.5	28	34
Oklahoma 11,570 29.2 43 10,950 27.7 46 44.5 Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Wyoming	14,580	36.8	41	15,076	38.1	34	37.5
Tennessee 9,838 24.8 44 15,629 39.5 30 37 Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Alaska	13,219	33.4	42	18,389	46.4	19	30.5
Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Oklahoma	11,570	29.2	43	10,950	27.7	46	44.5
Missouri 9,155 23.1 45 14,416 36.4 40 42.5 Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Tennessee	9,838	24.8	44	15,629	39.5	30	37
Nebraska 8,574 21.7 46 13,605 34.4 42 44 Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Missouri		23.1	45		36.4	40	42.5
Iowa 6,208 15.7 47 8,585 21.7 49 48 North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Nebraska	-	21.7	46	13,605	34.4	42	44
North Dakota 4,580 11.6 48 8,694 22.0 48 48 South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	Iowa	-	15.7			21.7	49	
South Dakota 3,480 8.8 49 4,756 12.0 50 49.5	North Dakota	-	11.6	48		22.0	48	48
	South Dakota			49		12.0	50	
	Ohio		5.8		19,592	49.5	15	32.5





Summary of Key Regression Statistics for Nonfarm Employment

The Georgia Center for Opportunity completed a multiple-regression analysis of employment versus the severity of governmental actions in shutting down the economies, such as business closures, stay-at-home orders, gatherings restrictions, and school closures. In addition, the study ran bivariate regressions of governmental restrictions with COVID confirmed cases, hospitalizations, and deaths.

The results showed statistically significant evidence that the severity of governmental actions was negatively associated with employment 12 months and 15 months after the initiation of the pandemic (i.e., March 2020). Likewise, the proportion of the tourism and related industries to the overall size of the states' economies and the population densities also were found to be significant factors associated with influencing employment. The prevalence of COVID-19 cases had a possible but questionable association.

For the bivariate analyses, only COVID cases showed a statistically significant association with the severity of governmental actions, and not hospitalizations or deaths.

The full report of the study is available at https://georgiaopportunity.org/state-pandemic-response-impact-on-work-opportunity.

	Govern		Abridged			
Description	Severity	y Index	Stringency Index			
	March 2021	June 2021	March 2021	June 2021		
Government response statistics per	regression and	alyses with al	pha = 0.2 and	HC3:		
t-statistic	-2.25	-1.58	-4.96	-4.55		
p-value	2.93E-02	1.22E-01	1.01E-05	3.87E-05		
marginal effects	-0.007	-0.005	-0.013	-0.012		
Linear equation statistics per the san	ne regression	analyses:				
multiple R	0.770	0.704	0.815	0.769		
R square	0.593	0.495	0.665	0.592		
Adjusted R square	0.557	0.450	0.643	0.565		
	Tourism P	roportion	Tourism D	roportion		
Other factors in linear equation	Populatio	n Density	Tourism P			
	Covid Pre	evalence	Population Density			

Statistical Package

The regression analyses used in the study were generated using the Real Statistics Resource Pack software (Release 7.6). Copyright (2013 – 2021) Charles Zaiontz: www.real-statistics.com."





Economic Impact per the Multiple Regression Analyses

Marginal effect is the metric used to determine the associated economic impact of governmental actions on employment. This is a relative metric comparing the linear equation relationship among the states per the results of the multiple regression analysis. The impact is measured per each standard deviation (σ) in the severity score based on the ARIMA Model forecast, not the pre-pandemic employment in February 2020. Note that a two standard deviation movement would result in double the effect.

Month of ARIMA =>	Marcl	h 2021	June	2021
Marginal Effect =>	0.7%	1.3%	0.5%	1.2%
Area	In	npact on job	os per each	σ
United States	1,086,069	2,016,985	778,753	1,869,007
Alabama	14,781	27,450	10,586	25,406
Alaska	2,302	4,274	1,644	3,944
Arizona	21,545	40,013	15,485	37,164
Arkansas	9,171	17,033	6,571	15,770
California	126,474	234,880	90,810	217,944
Colorado	20,185	37,486	14,494	34,784
Connecticut	11,913	22,123	8,518	20,442
Delaware	3,310	6,146	2,370	5,688
Florida	65,041	120,791	46,715	112,115
Georgia	33,308	61,858	23,901	57,362
Hawaii	4,689	8,709	3,360	8,063
ldaho	5,571	10,345	4,004	9,608
Illinois	43,282	80,382	30,977	74,345
Indiana	22,390	41,581	16,032	38,477
lowa	11,218	20,833	8,028	19,266
Kansas	10,081	18,723	7,215	17,315
Kentucky	13,843	25,709	9,913	23,791
Louisiana	14,025	26,047	10,033	24,079
Maine	4,521	8,397	3,236	7,766
Maryland	19,662	36,514	14,077	33,784
Massachusetts	26,508	49,230	19,002	45,605
Michigan	31,403	58,321	22,474	53,936
Minnesota	21,222	39,412	15,199	36,476
Mississippi	8,199	15,227	5,868	14,082
Missouri	20,707	38,455	14,825	35,579

Month of ARIMA => Model Forecast	March	h 2021	June	2021
Marginal Effect =>	0.7%	1.3%	0.5%	1.2%
Area	lm	pact on jol	os per each	ισ
Montana	3,472	6,448	2,488	5,970
Nebraska	7,305	13,566	5,233	12,558
Nevada	10,403	19,321	7,480	17,951
New Hampshire	4,868	9,040	3,486	8,366
New Jersey	29,914	55,554	21,423	51,414
New Mexico	6,094	11,317	4,362	10,469
New York	69,861	129,743	50,071	120,170
North Carolina	32,998	61,282	23,673	56,814
North Dakota	3,091	5,741	2,214	5,312
Ohio	39,610	73,561	28,360	68,063
Oklahoma	11,960	22,212	8,556	20,533
Oregon	14,057	26,105	10,085	24,204
Pennsylvania	42,990	79,838	30,768	73,842
Rhode Island	3,579	6,647	2,562	6,149
South Carolina	15,654	29,072	11,234	26,960
South Dakota	3,132	5,816	2,243	5,382
Tennessee	22,481	41,751	16,132	38,717
Texas	92,787	172,319	66,618	159,883
Utah	11,297	20,981	8,122	19,492
Vermont	2,206	4,096	1,578	3,786
Virginia	28,977	53,814	20,755	49,812
Washington	25,125	46,661	18,036	43,285
West Virginia	5,028	9,338	3,593	8,622
Wisconsin	21,118	39,220	15,118	36,282
Wyoming	1,996	3,706	1,425	3,420
District of Columbia	5,698	10,582	4,082	9,797





-393,9614 -392,0079 -384,4013

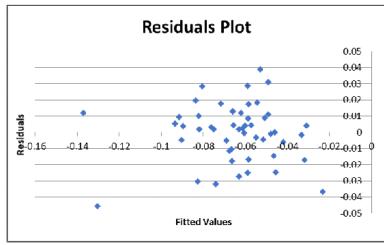
Nonfarm Employment Mar 2021 using Government Severity Index

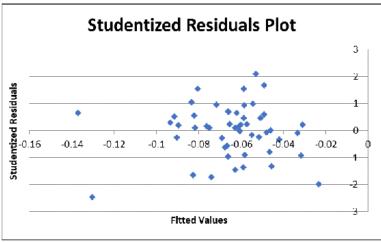
X = Government Severity Index

OVERALL FIT		
Multiple R	0.770128	AIC
R Square	0.593097	AlCc
Adjusted R Square	0.556928	SBC
Standard Error	0.018557	
Observations	50	

ANOVA				Alpha	0.2	
	df	SS	MS	F	p-value	sig
Regression	4	0.022586	0.005647	16.39789	2.35E-08	yes
Residual	45	0.015496	0.000344			
_Total	49	0.038082				

	coeff	std err	t stat	p-value	lower	upper	vif
Intercept	-0.02444	0.017005	-1.437232	0.157569	-0.046557	-0.002323	
X	-0.000893	0.000175	-2.251378	0.029291	-0.00062	-0.000166	1.393384
Line 75 Industry (Arts, rec, etc)	-0.687663	0.134735	-5.10382	6.51E-06	-0.862906	-0.51242	1.098096
Population Density	-3.21E-05	1.05E-05	-3,072895	0.008593	-4.57E-05	-1.85E-05	1.101288
Average Daily Confirmed Cases Per 100,000	4.85E-06	3.54E-06	1.369973	0.177492	2.46E-07	9.46E-06	1.324821









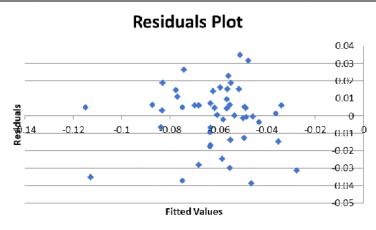
Nonfarm Employment Jun 2021 using Government Severity Index

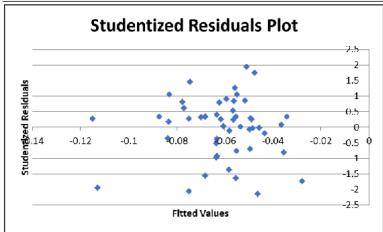
X = Government Severity Index

OVERALL FIT			
Multiple R	0.703798	AIC	-396.7823
R Square	0. 495331	AlCc	-394.8288
Adjusted R Square	0. 450472	SBC	-387.2222
Standard Error	0.01804		
Observations	50		

ANOVA				Alpha	0.2	
	df	SS	MS	F	p-value	sig
Regression	4	0.014375	0.003594	11.04185	2.52E-06	yes
Residual	45	0.014645	0.000325			
Total	49	0.02902				

	coeff	std err	tstat	p-value	lower	upper	vif
Intercept	-0.084175	0.016532	-2.067233	0.044498	-0.055677	-0.012673	0
X	-0.000268	0.00017	-1.577747	0.121628	-0.000489	-4.7E-05	1.393384
Line 75 Industry (Arts, reg. etc)	-0, 525554	0.130987	-4.01225	0,000225	-0.695923	-0.355185	1.098096
Population Density	-2.95E-05	1.02E-05	-2.905984	0.005661	-4.27E-05	-1.63E-05	1.101288
Average Daily Confirmed Cases Per 100,000	4.8E-06	3.44E-06	1.394766	0.169934	3.24E-07	9.29E-06	1.324821









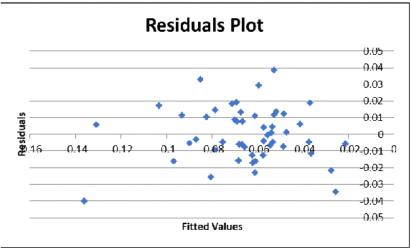
Nonfarm Employment Mar 2021 using Abridged Oxford Stringency Index

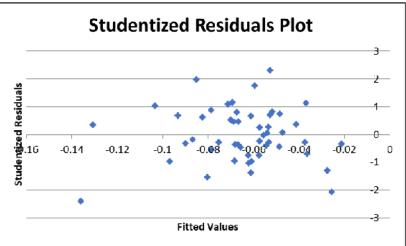
X = Abridged Oxford Stringency Index

OVERALL FIT			
Multiple R	0.81548	AIC	- 405, 6847
R Square	0.665007	AlCc	-404.321
Adjusted R Square	0.64316	SBC	-398,0366
Standard Error	0.016653		
Observations	50		

ANOVA				Alpha	0.2	
	df	SS	MS	F	p-value	sig
Regression	3	0.025325	0.008442	30,43881	5.4E-11	yes
Resi dual	46	0.012757	0.000277			
<u>Total</u>	49	0.038082				

	coeff	std err	t stat	p-value	lower	upper	vif
Intercept	0.016593	0.009876	1.680107	0.099717	0.003752	0.029434	
X	-2.97E-06	5.98E-07	-4.958308	1.01E-05	-3.74E-06	-2.19E-06	1.270427
Line 75 Industry (Arts, rec, etc)	-0.674864	0.119234	-5.66	9.33E-07	-0.829895	-0.519833	1.067775
Population Density	-1.79E-05	9.86E-06	-1.819056	0.075416	-3.07E-05	-5.11E-06	1.21569









-409,383 -408,0193 -401,7349

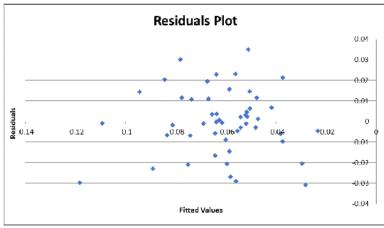
Nonfarm Employment Jun 2021 using Abridged Oxford Stringency Index

X = Abridged Oxford Stringency Index

OVERALL FIT		
Multiple R	0.769251	AIC
R Square	0.591746	AICc
Adjusted R Square	0.565121	SBC
Standard Error	0.016049	
Observations	50	

ANOVA				Alpha	0.2	
	df	SS	MS	F	p-value	sig
Regression	3	0.017172	0.005724	22.22502	4.83E-09	yes
Residual	46	0.011848	0.000258			
Total	49	0.02902				

	coeff	std err	t stat	p-value	lower	upper	vif
Intercept	0.006926	0.009517	0.727761	0.470448	-0.005448	0.019301	
X	-2,63E-06	5.77E-07	-4.553506	3.87E-05	-3,38E-06	-1.88E-06	1.270427
Line 75 Industry (Arts, rec, etc)	-0,503306	0.114905	-4.380198	6.79E-05	-0.652708	-0.353903	1.067775
Population Density	-1.56E-05	9.5E-06	-1.637393	0.108372	-2.79E-05	-3.2E-06	1.21569



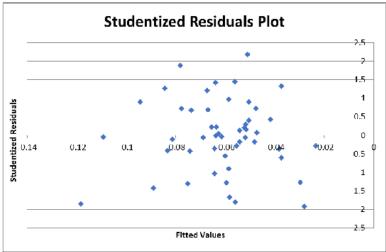






Chart Government Severity Index vs Nonfarm Employment March 2021

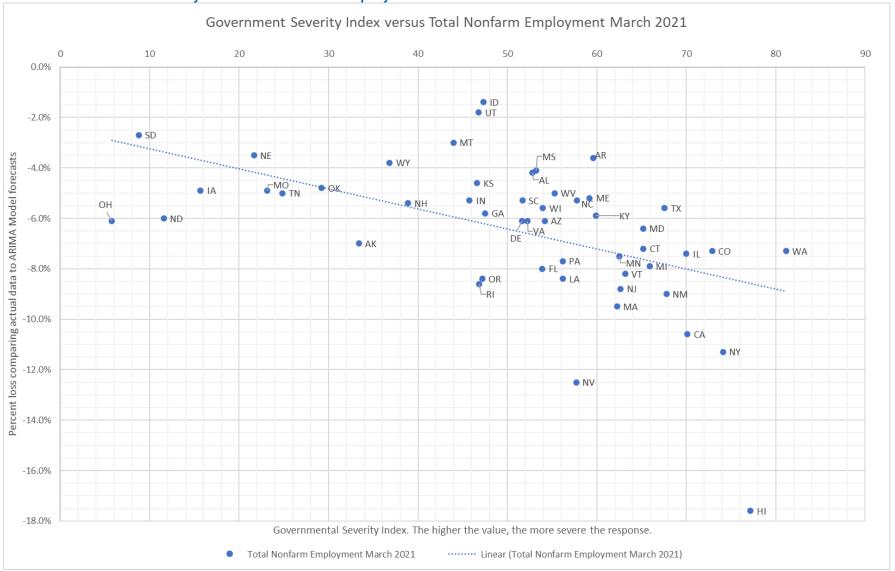






Chart Government Severity Index vs Nonfarm Employment June 2021

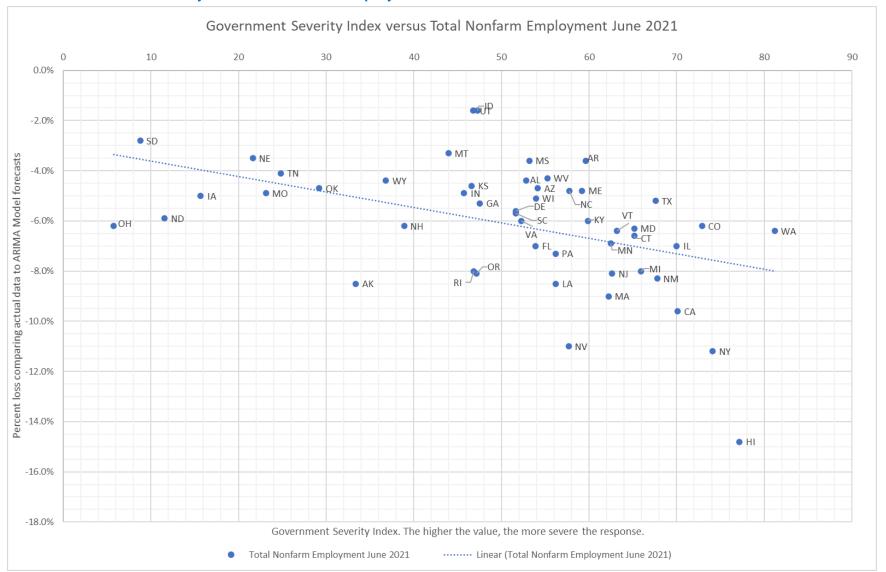






Chart Abridged Oxford Stringency Index vs Nonfarm Employment March 2021

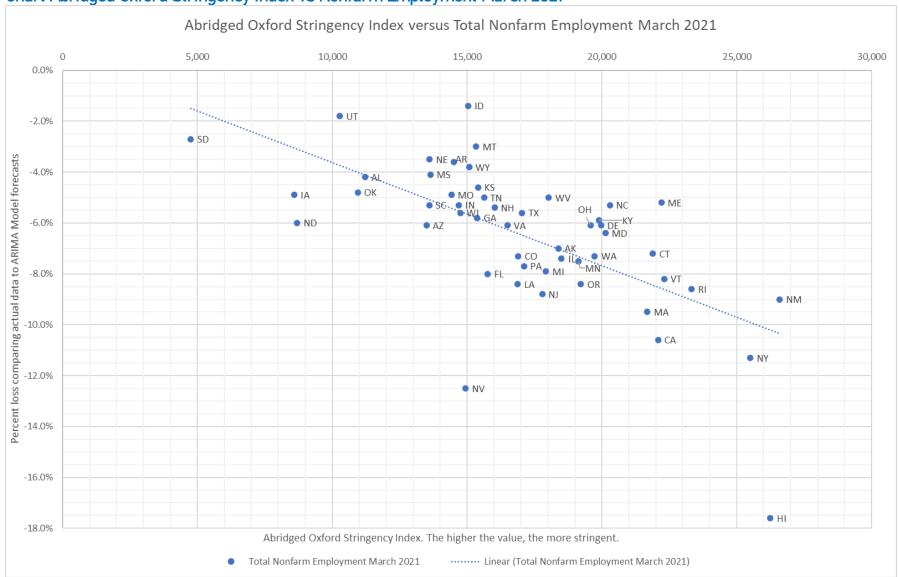
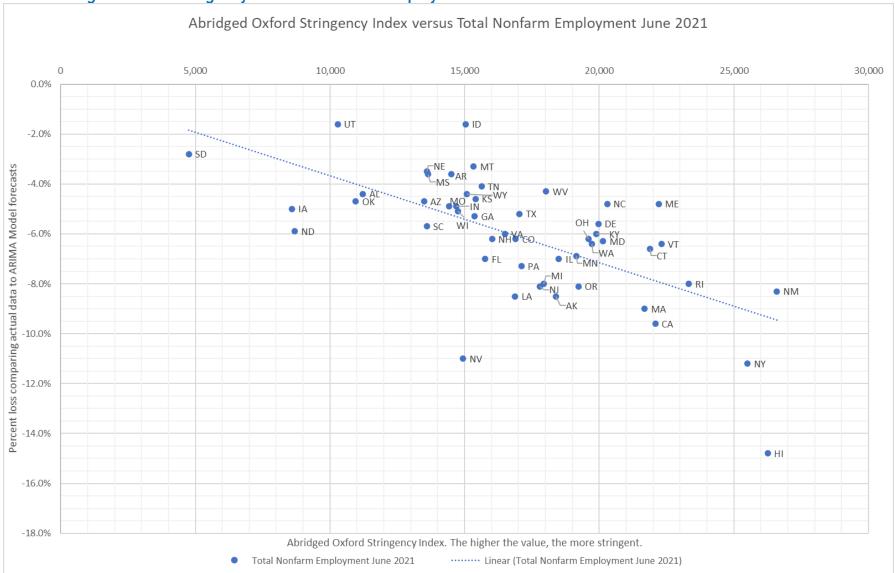






Chart Abridged Oxford Stringency Index vs Nonfarm Employment June 2021







Government Severity Index vs. Confirmed COVID Cases per 100,000

Regression with alpha = .05 and no HC Regression Analysis

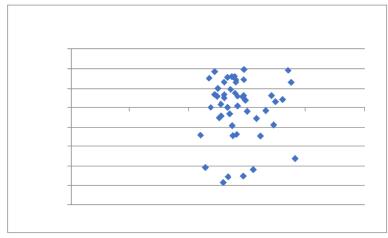
|--|

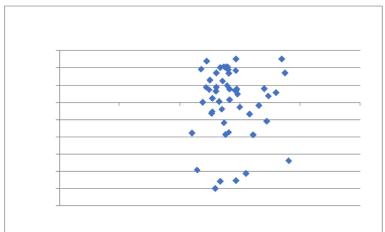
Multiple R	0.445881065
R Square	0.198809924
Adjusted R Square	0.182118464
Standard Error	778, 7769898
Observations	50

AIC	667.731373
AlCc	668, 253112
SBC	671 555419

ANOVA				Alpha	0.05	
	df	SS	MS	F	p-value	sig
Regression		1 7223871	7223870,589	11.9108769	0.001174	yes
Residual		48 29111693	606493,5998			
<u>Total</u>		49 36335563				

	coeff	std err	tstat	p-value	lower	upper
Intercept	3948, 057047	333, 4539	11.83988853	7.5847E-16	3277.608	4618.511
X	- 21. 427076	6.208562	-3.451213825	0.00117367	-33.9102	-8.94392









Abridged Oxford Stringency Index vs. Confirmed COVID Cases per 100,000

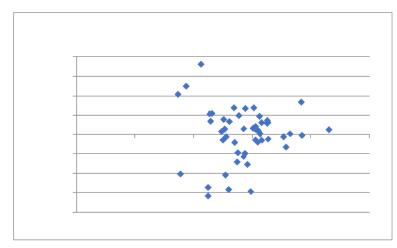
Regression with alpha = . 05 and no HC Regression Analysis

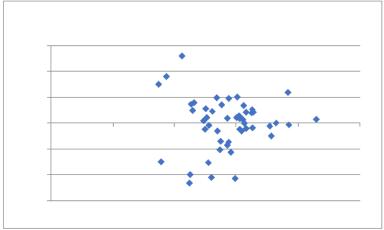
OVERALL FIT	
Multiple R	0.610052677
R Square	0.372164268
Adjusted R Square	0.359084357
Standard Error	689, 3953422
Observations	50

AIC	655,54039
AICc	656,062129
SBC	659, 364436

ANOVA				Alpha	0.05	
	df	SS	MS	F	p-value	sig
Regression		1 13522798	13522798.36	28.4531192	2 56E-06	yes
Residual	4	8 22812765	475265, 9879			
_Total	۷	9 36335563				

	coeff	std err	t stat	p-value	low er	upper
Intercept	4855,930871	386.3428	12,56896955	8.5528E-17	4079.137	5632.725
X	-0.117215	0.021974	-5,334146526	2.5608E-06	-0.1614	-0.07303









Government Severity Index vs. COVID Inpatient Bed Days per 100,000

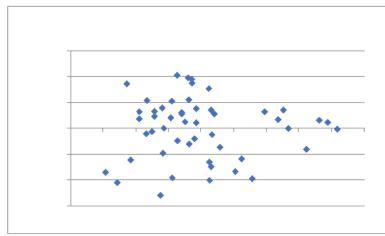
Regression alpha = .05 and no HC Regression Analysis

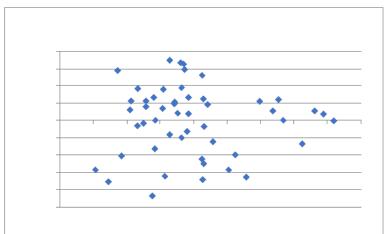
OVERALL FIT	
Multiple R	0,036213071
R Square	0.001311386
Adjusted R Square	-0,01949463
Standard Error	2357.57271
Observations	50_

AIC	778, 497686
AICc	779.019425
SBC	782.321732

df		SS	MS	F	p-value	sig
egression	1	350325.7	350325, 7315	0.06302921	0,802842	no
esidual	48	2.67E+08	5558149.081			
otal	49	2.67E+08				

	coeff	std err	t stat	p-value	lower	upper
Intercept	6685.947973	1009, 457	6,623311833	2.7818E-08	4656.299	8715.597
X	-4.71860855	18.79503	-0.251056184	0.80284232	-42,5085	33.07133









Abridged Oxford Stringency Index vs. COVID Inpatient Bed Days per 100,000

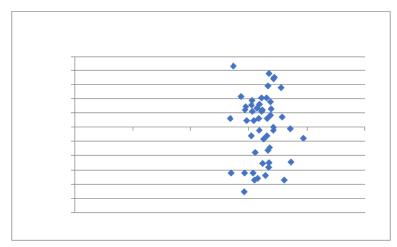
Regression alpha = .05 and no HC Regression Analysis

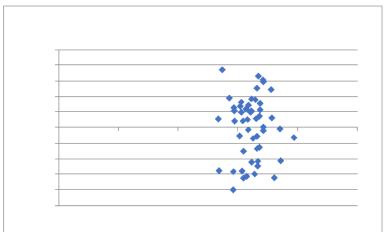
OVERALL FIT	
Multiple R	0.222516043
R Square	0.049513389
Adjusted R Square	0.029711585
Standard Error	2299.974644
Observations	50

AIC	776,024238
AICc	776, 545977
SBC	779, 848284

ANOVA				Alpha	0.05	
	df	SS	MS	F	p-value	sig
Regression		1 13227080	13227080.16	2 50044836	0.120382	no
Residual		48 2.54E+08	5289883,364			
Total		49 2.67E+08				

	coeff	std err	t stat	p-value	lower	upper
Intercept	8418.926618	1288 925	6.531744667	3.8445E-08	5827.37	11010.48
X	-0.11592628	0.073312	-1.581280607	0.12038167	-0.26333	0.031477









Government Severity Index vs. COVID Deaths per 100,000

Regression alpha = .05 and no HC Regression Analysis

Total

OVERALL FIT	
Multiple R	0.121042394
R Square	0.014651261
Adjusted R Square	-0,00587684
Standard Error	59.03191266
Observations	50

		-				
ANOVA				Alpha	0.05	
	df	SS	MS	F	p-value	sig
Regression	1	2487.139	2487.138622	0.7137174	0.402404	no
Residual	48	167268.8	3484.766712			

AIC

AICc

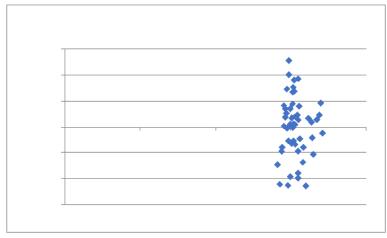
SBC

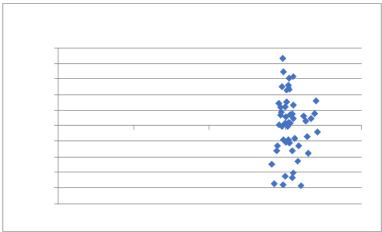
409.766719

410.288458 413.590765

	coeff	std err	t stat	p-value	lower	upper
Intercept	173.2273168	25.27607	6,853411816	1.2338E-08	122.4064	224.0483
X	-0.39758311	0.470614	-0.844817966	0.40240381	-1.34382	0.54865

49 169755.9









Abridged Oxford Stringency Index vs. COVID Deaths per 100,000

Regression alpha = .05 and no HC Regression Analysis

OVERALL FIT	
Multiple R	0.265914014
R Square	0.070710263
Adjusted R Square	0.05135006
Standard Error	57. 32808605
Observations	50

ANOVA				Alpha	0.05	
	df	SS	MS	F	p-value	sig
Regression	1	. 12008.49	12003 48718	3.65235134	0.061972	no
Residual	48	157752.5	3286, 50945			
Total	49	169755.9				

AIC

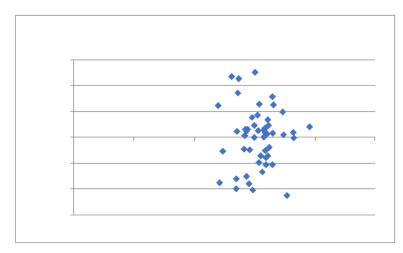
AICc

SBC

406.837966

407.359706 410.662012

	coeff	std err	tstat	p-value	lower	upper
Intercept	212. 4833925	32.12713	6.61383068	2.8766E-08	147.8875	277.0793
X	-0.00349224	0.001827	-1.911112591	0.06197169	-0.00717	0.000182



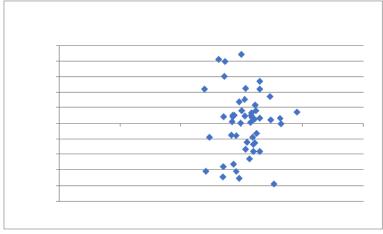






Chart Government Severity Index vs COVID-19 Cases per 100,000

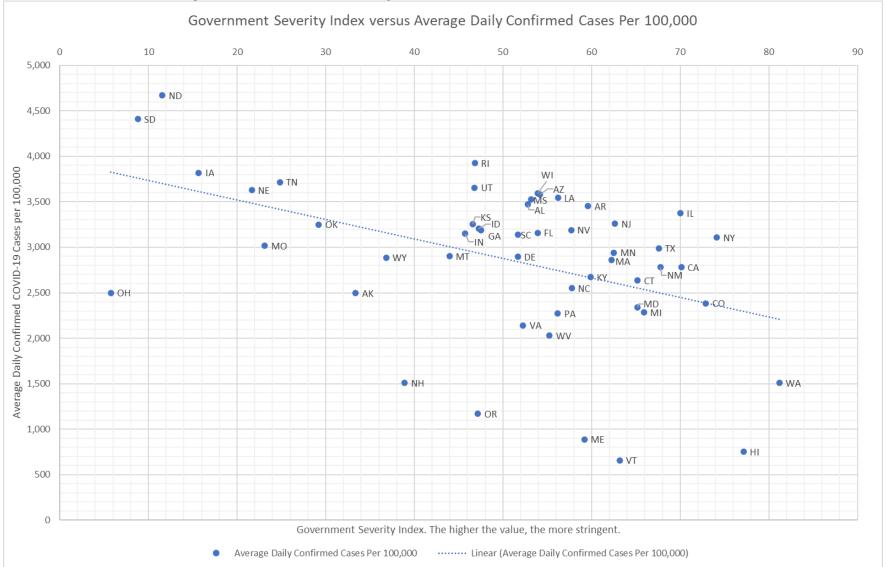






Chart Abridged Oxford Stringency Index vs COVID-19 Cases per 100,000

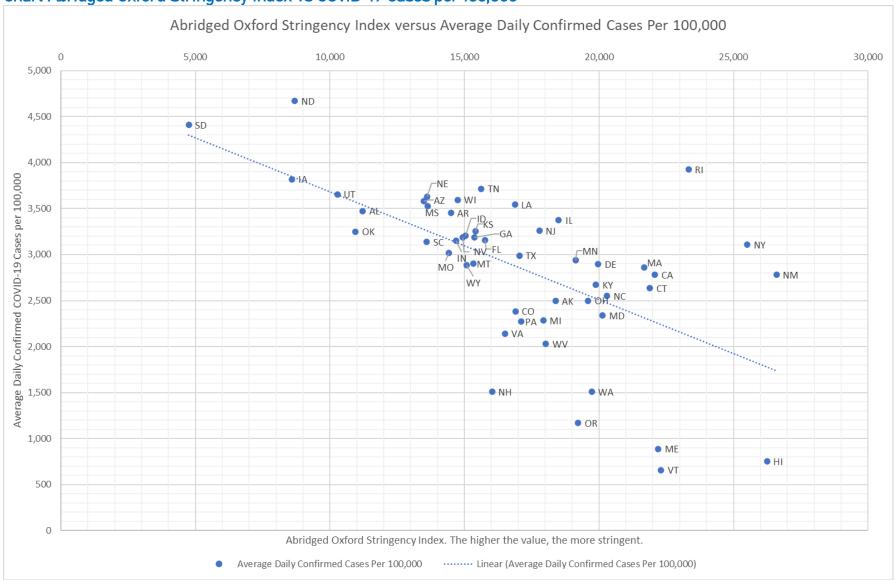






Chart Government Severity Index vs COVID-19 Hospitalizations per 100,000

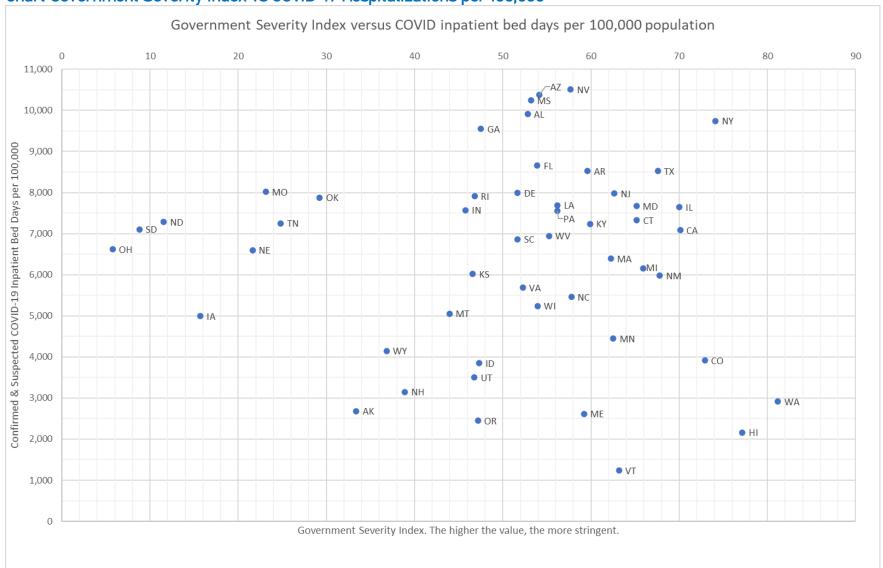






Chart Abridged Oxford Stringency Index vs COVID-19 Hospitalizations per 100,000

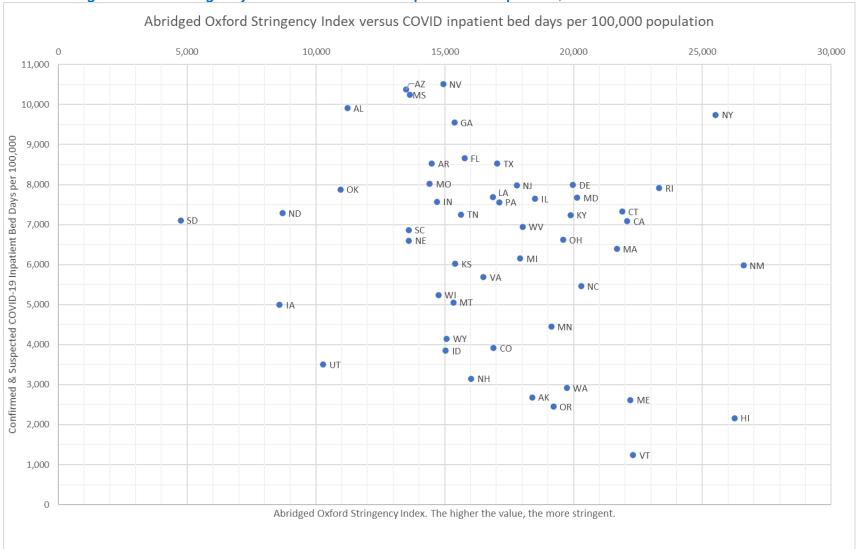






Chart Government Severity Index vs COVID-19 Deaths per 100,000







Chart Abridged Oxford Stringency Index vs COVID-19 Deaths per 100,000

