Country and mathematica	Courses	Mathematica																		
COMD Deaths Million through Man	Source	Methodology																		
COVID Deathsmillion, through may	www.wondonne	uel s																		
Excess All-Gause Deathstaillion, birough April	www.coc.gov																			
		Using the full bu The appreciated	rbio data set, we value was calcula	evaluated by weel ated as follows: (%	k for over 3000 co of School Year V	(intrust) = ((Week 1)	of children who: % of children off	se only learning o fered virtual only	option was virtual. learning) + (Week											
% 100% Virtual Schooling	www.burbio.com	2: % of children	offered virtual-onl	y learning)+ throu	gh end of April)/(#	t of weeks of school	()	inter interaction	rearring) · (meex											
		Using the full bu	rbio data set, we	evaluated by weel	k for over 3000 co	unties, the percent	of children who	were offered 5-d	ay 100% in-											
to 100k in annual E day Traditional Calculus		person schooling	g. The aggregate	d value was calcul	ated as follows: (9	% of School Year 1	00% Traditional)	= ((Week 1: % of	f children offered											
100% in-person, 5-day traditional Schooling	www.burbio.com	The seal of this) + (week 2: % of	children offered 1	UU% in-person lea	arning)+ through er	to #)v(index to bi	weeks of school)												
		interventions. Ba	metric was to esta seline unemploy	ment for each stat	e was set by febru	Jarv 2020 unemplo	a state's popula vment rates. Ear	con by non-pharr ch state's workfor	naceutical rce was obtained											
		from bls.gov. Exi	cess unemploym	ent was calculated	for each month u	sing the following	equation: Excess	s monthly unempl	loyed =											
		(Workforce #) * (Monthly % unem	ployed) - (Workfor	ce #) * (February	2020 unemployme	nt rate). Cumula	tive unemployme	nt was calculated											
Unemployed: Cumulative months excess unemployment/million	www.bls.cov	by adding the mi workforce/1 000	oniniy excess uni 000)	employed for each	month, then divid	sing the number by	millions in work	torce (e.g. # of pe	topie in											
BI M support (not included in scorecard calculation)	https://gkdos.co	m/meute/black_liv	er matter?appot	ationsational upper	taisturts a £ toor	alorto a														
bein support (not included in scorecard calculation)	Composition of the particular	Marking values	ware taken by av	eracino state valu	er of marking het	waan November a	od May 2020, CI	Milleuman 225k r	secole per day for											
		this. They ask tw	o questions. "Do	you always where	a mask when vo	u leave your house	?" and "What po	artion of people w	ould you estimate											
		wear masks in y	our area?". I chos	e to use the latter	The 1st question	, is I believe influer	nced by social pr	ressure to mask.	Even the least											
Average Marking (not included in scomcard calculation)	https://dalphi.co	"masky states, ty	pically report 80-	55 masking. The indicate and	number for "others	s masking" drops ti lung of masking	o 40%, which I b	elieve is likely the	e less blased											
Obsetty (ast look ded in second astrolation)	hitsen //www.	anner. In any ca	ac, and a machine	- maya, an mocar	DDCCC Contend	Duca of maaking.														
Obesity (not included in scorecard calculation)	https://www.bill	- gow bru- a ar reve	rencentur age asp	Andreport-DPR	pre-aa.e.Quorei	by ropical buccallo	HTYPE-StatesAt	Name and Address	4/ 22// 22/2014/00/100	(70)	20190108010	-/01/2								
% of Population over 65 by state (not included in scorecard can	International Content of Content	The COVID sale	CALOFOSITIOUTO	oy-age rounenin	mename-oasoni	would - sor B st2200	Vistual Installant	(Deels N 1000)	in Deserve	110										
		Learning) + (Rar	k: COVID deaths	Million) + (Rank:	Excess Months U	Inemployed/Million	Workforce). This	s approach was c	hosen so as to											
		make the compa	rison more about	how each state o	ompared to all oth	ner states. This app	roach avoids un	necessarily pena	lizing states											
		where more peo	ple may have die	d due to panicky p raphice. Both 100/	iolicies, as well as	s not overly favoring	g states whose C	COVID death rate	s may be due											
		states where ma	iny students were	hybrid, but also n	ot to overly rewar	d that, given the in	efficacy of hybrid	d education. The	wide variety of											
Overall COVID Policy Score Calculation	N/A	policies for hybri	d education, also	argued for not inc	luding this metric.															
COVID Pandemic Policy Rankings, and Inputs																				
	State Rank: O	w Overall COVID	1% 100% Virtua	I # Virtual Rank	(% 100% In-Per	s Rank (100% tra	Unemployed:	C Cum unemplo	v Excess Deaths/	Rank, least dea	Average Maskin	Masking Rank (Deaths/Million O	OVD Deaths raO	besity: % Of PB	LM Support 3/	Population Age	Rank, % Pop Ov	Voted For Trun	
Méramina		1	0.0	-	1000		226 000		1,000	4.7			1222	12	20 700	104/	10.5	24	4	í –
wyoning		21	0%	2	100%	1	320,000		1,555	1/	41	1	1232	13	29.70%	19%	10.5	24	1	1
Nebraska		2 22	2%	5	78%	6	164,000) :	1 1,396	13	72	19	1160	10	34.10%	34%	15.7	36	1	
Utab		3 26	4%	9	78%	7	302,000) 4	4 905	7	81	27	710	6	29.20%	37%	11.1	50	1	
		4	474				204 000		1 505		01		1501	10	20.2000	2011	10.7	50		
Montana		4 35	0%	1	66%	12	294,000	, 3	1,591	20	61	7	1501	19	28.30%	38%	18.7	6	1	
Vermont		5 47	7%	12	69%	10	466,000	2	3 962	8	93	45	409	2	26.60%	61%	19.4	4	-	
Idaho		6 52	6%	10	05%	24	339.000		7 1.063	10	53	3	1161	11	29.50%	30%	15.0	31	1	
i dano					4070		555,000		,,,,,,,	10					25.5070	5070	13.5	51	-	
Arkansas		7 55	0%	3	94%	3	399,000	15	5 2,253	44	67	13	1924	34	37.40%	29%	17	19	1	
South Dakota	:	8 57	3%	8	79%	4	219,000) 1	2 2,035	40	44	2	2262	43	33.00%	31%	16.6	23	1	
Alasha		9 66	26%	28	41%	27	342.000	1 5	683	4	72	18	495	3	30 50%	40%	11.8	49	1	
Alaska		5 00	207		41/0		542,000	· ·	5 005	-	/2	10	455	2	30.3070	4070	11.0		-	
North Dakota	1	0 70	0%	4	67%	11	420,000	1	7 1,837	28	60	6	1978	38	34.80%	26%	15.3	44	1	
Missouri	1	1 72	20%	23	55%	22	328,000) 6	5 1,939	33	63	10	1550	21	34.80%	35%	16.9	21	1	
Florida	1	2 74	200	6	0.9%	2	652.000		1 1 671	22	70	14	1602	25	27.00%	4.49/	20 5	2	1	
Fiorida	1.	2 74	2.7		3070	2	055,000	, 4.	1,071	22	70	14	1095	25	27.00%	44/0	20.5	2	1	
Maine	1	3 77	7%	13	13%	44	409,000	16	5 595	2	90	39	607	4	31.70%	51%	20.6	1	-	
lowa	1 1	4 77	15%	18	64%	17	349.000) 9	9 1.585	19	71	16	1907	33	33.90%	41%	17.1	17	1	
Tauras	1	e 02	69	11	70%	c .	604.000	1 20	1 002	27	76	22	1771	20	24.00%	419/	12.6	40	1	
Texas	1	5 65	07	11	/676		604,000	30	5 1,995	57	/6	23	1//1	29	54.00%	4176	12.0	40	1	
New Hampshire	1	6 84	13%	15	33%	31	528,000	30	0 809	6	90	40	986	8	31.80%	51%	18.1	9	-	
Kansas	1	7 88	26%	29	59%	20	370.000) 12	2 1.751	26	71	17	1734	27	35.20%	39%	15.9	31	1	
		0 00	226	20	C04/		437.000	20	1.007	20	61	0	1020	25	22.100/	4.40/	12.0	47		
Georgia	1	8 90	237	20	09%	9	437,000	20	1,997	39	01	0	1959	35	33.10%	4476	13.9	47	-	
Alabama	1	9 90	15%	19	74%	8	453,000	2:	1 2,631	47	64	12	2253	42	36.10%	32%	16.9	21	1	
Oklahoma	2	0 90	19%	22	56%	21	433.000	10	9 1.996	38	56	4	1748	28	36.80%	31%	15.7	36	1	
	-				6601		252,000								10.000/	0.644				
WISSISS	2	1 91	15%	20	00%	14	355,000	, 10	5,024	51	03	11	2445	47	40.80%	30%	15.9	51	1	
South Carolina	2	2 93	8%	14	65%	15	534,000	32	2 2,331	45	70	15	1878	32	35.40%	39%	17.7	10	1	
Louisiana	2	3 96	3%	7	65%	16	504.000) 20	2 388	46	63	9	2262	44	35.90%	36%	15.4	40	1	
Contraine	-							-												
West Virginia	20	4 96	22%	25	38%	29	465,000	2	2 1,562	18	//	24	1544	20	39.70%	25%	19.9	3	1	
Wisconsin	2	5 100	50%	42	31%	32	381,000	14	4 1,408	14	76	21	1198	12	34.20%	43%	17	19	-	
Minneso	2	6 103	48%	39	29%	35	373.000	1:	3 1.082	11	86	33	1314	16	30.10%	45%	15.9	31		
					6444		501.000						2000		05.000/	0.001	45.0			
Indiana	2	/ 103	14%	16	61%	19	504,000	20	5 1,708	25	/5	20	2009	40	35.30%	38%	15.8	35	1	
Colorado	2	8 104	27%	30	49%	23	670,000) 43	2 1,302	12	85	30	1145	9	23.80%	51%	14.2	46	-	
Kentucky	2	9 106	40%	41	28%	36	359.000) 1	1 1.679	23	76	22	1495	18	36.50%	31%	16.4	26	1	
	-				6.644		460,000						0.004		04.404/	4544				
Anzona	3	10/	21%	24	06%	13	408,000	20	 2,693 	49	80	26	2404	46	51.40%	45%	17.5	12		
North Carolina	3	1 107	34%	34	30%	34	485,000	25	5 1,045	9	79	25	1234	14	34.00%	46%	16.3	29	1	
Ohio	3	2 114	27%	31	40%	28	530,000	31	1 1,916	32	84	29	1679	24	34.80%	39%	17.1	17	1	
T		2 145	224		6204	10	E 26 000		2 2 070	43	50		1900	21	26 50%	2.004	16.4	20		
Tennessee	3.	5 115	33%	33	03%	18	530,000	3:	2,079	42	59	5	1809	51	30.50%	54%	10.4	26	1	
Virginia	3	4 124	54%	43	16%	40	488,000	26	5 1,429	15	86	34	1294	15	31.90%	50%	15.4	40		
Connecticut	3	5 126	14%	17	37%	30	553.000) 34	4 2.244	43	94	50	2301	45	29.10%	55%	17.2	14		
a.1		6 100	200	22	1504	41	601 000		7 1 (42	21	03	40	1607	20	24 400		10.7			
Dereware	3	- 136	28%	32	15%	41	001,000	3.	1,043	21	93	46	1097	20	34.40% -		10./	5		
Washington	3	7 138	66%	46	4%	49	598,000	36	6 657	3	91	41	753	7	28.30%	56%	15.4	40	-	
pc	3	8 140	92%	51	6%	48	424,000) 15	8 1.984	36	94	48	1593	23	23.80%	48%			-	
at a training		0 40	520			40	0.01.000		1,004	30		40	2553	40	20.000	E 74	17.0			
Knode Island	3	9 140	17%	21	46%	25	861,000	, 46	1,888	30	94	49	2552	48	30.00%	5/%	17.2	14		1
Oregon	4	0 142	77%	50	6%	47	651,000) 40	0 782	5	90	38	617	5	29.00%	56%	17.6	11	-	
Maryland	4	1 143	74%	49	3%	50	502,000) 2	7 1.687	24	93	47	1482	17	32.30%	63%	15.4	40		
	-	143	147	43	3/0	30	705,000		1,087	24	55	47	1000		20.000	40%	17.0	40		
Michigan	4	2 145	42%	37	43%	26	795,000	43	\$ 1,953	34	85	32	1996	39	36.00%	49%	17.2	14		1
Hawaii	4	3 148	56%	45	0%	51	1,308,000	5	1 42	1	92	42	347	1	25.00%	56%	18.4	7		
Desperaturais		4 140	254	25	2004	22	620.000	24	1.070	25		20	2115	41	22 2004	45.44	10.2			
Pennsyivania	4	4 148	35%	35	30%	33	020,000	39	1,976	35	84	28	2115	41	33.20%	45%	16.2	8		
New Mexico	4	5 158	73%	47	18%	39	558,000	35	5 2,051	41	89	37	1966	37	31.70%	51%	17.5	12	-	
Illinois	4	6 162	48%	40	15%	42	830,000) 44	4 1,894	31	85	31	1962	36	31.60%	53%	15.6	39		
Neurada		7 100	E/~		104/	20	1 262 000		1 1 9 9 2	20	00	25	1900	20	30 60%	470/	15.7	20		
Nevada	4	/ 162	56%	44	19%		1,205,000	, 50	1,883	29	88	35	1800	50	30.00%	47%	15.7	36		-
New York	4	8 162	23%	27	24%	37	919,000	48	8 2,858	50	92	44	2742	50	27.10%	55%	16.4	26	-	
California	4	9 163	73%	48	6%	46	905,000	4	7 1,767	27	89	36	1588	22	26.20%	58%	14.3	45		
New Jerrey		0 177	120	26	1294	46	836.000	1 45	5 2 6 4 6	40	02	42	2032	51		5.2%	16.1	20		
new Jelsey	5	1//	42%	36	12%	45	630,000	4	2,646	48	92	43	2953	51 -		52%	10.1	30		
Massachusetts	5	1 179	43%	38	14%	43	971,000	49	9 1,480	16	94	51	2579	49	25.20%	62%	16.5	24	-	