	Current Growt	h Rate Compared to First	t Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
1		0 Alabama	03/24/20	08/20/20	45.39%	4.07%	0.51%
2		0 Alaska	03/24/20	08/20/20	18.72%	3.27%	0.43%
4		0 Arkansas	03/24/20	08/20/20	20.71%	4.27%	0.59%
5		0 Arizona	03/24/20	08/20/20	23.28%	3.72%	0.56%
6		0 California	03/24/20	08/20/20	16.66%	3.71%	0.50%
8		0 Colorado	03/24/20	08/20/20	33.43%	2.88%	0.30%
9		0 Connecticut	03/24/20	08/20/20	34.77%	2.95%	0.21%
10		0 Delaware	03/24/20	08/20/20	13.47%	3.38%	0.34%
11		0 District of Columbia	03/24/20	08/20/20	28.23%	3.04%	0.29%
12		0 Florida	03/24/20	08/20/20	17.50%	4.03%	0.50%
13		0 Georgia	03/24/20	08/20/20	15.19%	3.66%	0.45%
15		0 Hawaii	03/25/20	08/20/20	10.87%	2.97%	0.39%
16		0 Idaho	03/24/20	08/20/20	11.64%	3.93%	0.45%
17		0 Illinois	03/24/20	08/20/20	19.18%	3.30%	0.35%
18		0 Indiana	03/24/20	08/20/20	25.94%	3.62%	0.36%
19		0 Iowa	03/24/20	08/20/20	17.96%	4.08%	0.53%
20		0 Kansas	03/24/20	08/20/20	29.27%	3.94%	0.50%
21		0 Kentucky	03/24/20	08/20/20	20.93%	3.93%	0.47%
22		0 Louisiana	03/24/20	08/20/20	25.97%	3.09%	0.29%
23		0 Maine	03/24/20	08/20/20	17.10%	2.39%	0.28%
24		0 Maryland	03/24/20	08/20/20	19.70%	3.79%	0.37%
25		0 Massachusetts	03/24/20	08/20/20	44.69%	3.12%	0.22%
26		0 Michigan	03/24/20	08/20/20	24.76%	2.68%	0.21%
27		0 Minnesota	03/24/20	08/20/20	9.15%	3.71%	0.56%
28		0 Mississippi	03/24/20	08/20/20	16.39%	3.65%	0.49%
29		0 Missouri	03/24/20	08/20/20	30.17%	3.77%	0.42%
30		0 Montana	03/24/20	08/20/20	36.77%	3.29%	0.42%
31		0 Nebraska	03/24/20	08/20/20	7.30%	4.11%	0.55%
32		0 Nevada	03/24/20	08/20/20	15.79%	3.67%	0.47%
33		0 New Hampshire	03/24/20	08/20/20	6.70%	2.83%	0.29%
34		0 New Jersey	03/24/20	08/20/20	13.62%	2.75%	0.16%
35		0 New Mexico	03/24/20	08/20/20	12.22%	3.62%	0.43%

	Current Growth	n Rate Compared to Fi	rst Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
36		0 New York	03/24/20	08/20/20	18.31%	1.88%	0.12%
37		0 North Carolina	03/24/20	08/20/20	17.76%	3.82%	0.52%
38		0 North Dakota	03/24/20	08/20/20	22.31%	3.72%	0.52%
39		0 Ohio	03/24/20	08/20/20	21.64%	3.53%	0.42%
40		0 Oklahoma	03/24/20	08/20/20	43.64%	4.13%	0.49%
41		0 Oregon	03/24/20	08/20/20	23.64%	3.17%	0.42%
42		0 Pennsylvania	03/24/20	08/20/20	28.98%	3.29%	0.25%
44		0 Rhode Island	03/24/20	08/20/20	1.67%	3.48%	0.35%
45		0 South Carolina	03/24/20	08/20/20	21.49%	3.85%	0.52%
46		0 South Dakota	03/24/20	08/20/20	31.24%	3.93%	0.40%
47		0 Tennessee	03/24/20	08/20/20	14.00%	3.57%	0.48%
48		0 Texas	03/24/20	08/20/20	25.22%	4.28%	0.56%
49		0 Utah	03/24/20	08/20/20	13.44%	3.27%	0.43%
50		0 Vermont	03/24/20	08/20/20	25.83%	1.85%	0.11%
51		0 Virginia	03/24/20	08/20/20	30.12%	3.96%	0.45%
53		0 Washington	03/24/20	08/20/20	13.65%	2.30%	0.29%
54		0 West Virginia	03/24/20	08/20/20	57.25%	4.01%	0.40%
55		0 Wisconsin	03/24/20	08/20/20	25.55%	3.31%	0.45%
56		0 Wyoming	03/24/20	08/20/20	41.69%	3.20%	0.38%
			Counties				#N/A
1001	Autauga	Alabama	03/24/20		138.63%		0.63%
1003	Baldwin	Alabama	03/25/20	08/20/20	11.16%	4.60%	0.60%
1005	Barbour	Alabama	03/24/20				0.61%
1007	Bibb	Alabama	03/24/20				0.51%
1009	Blount	Alabama	03/24/20				0.63%
1011	Bullock	Alabama	03/24/20				0.71%
1013	Butler	Alabama	03/24/20				0.69%
1015	Calhoun	Alabama	03/26/20	08/20/20	13.52%	4.64%	0.53%
1017	Chambers	Alabama	03/24/20	08/20/20	69.31%	3.44%	0.22%
1019	Cherokee	Alabama	03/24/20				0.54%
1021	Chilton	Alabama	03/24/20				0.51%
1023	Choctaw	Alabama	03/24/20				0.50%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
1025	Clarke	Alabama	03/24/20				0.56%
1027	Clay	Alabama	03/24/20				0.46%
1029	Cleburne	Alabama	03/24/20				0.40%
1031	Coffee	Alabama	03/24/20				0.50%
1033	Colbert	Alabama	03/24/20				0.75%
1035	Conecuh	Alabama	03/24/20				0.65%
1037	Coosa	Alabama	03/24/20				0.26%
1039	Covington	Alabama	03/24/20				0.60%
1041	Crenshaw	Alabama	03/24/20				0.70%
1043	Cullman	Alabama	03/24/20	08/20/20	28.77%	4.07%	0.53%
1045	Dale	Alabama	03/24/20				0.70%
1047	Dallas	Alabama	03/24/20				0.68%
1049	DeKalb	Alabama	03/24/20				0.64%
1051	Elmore	Alabama	03/24/20	08/20/20	11.78%	3.65%	0.60%
1053	Escambia	Alabama	03/24/20				0.73%
1055	Etowah	Alabama	03/24/20				0.53%
1057	Fayette	Alabama	03/24/20				0.62%
1059	Franklin	Alabama	03/24/20	08/20/20	69.31%	4.84%	0.73%
1061	Geneva	Alabama	03/24/20				0.86%
1063	Greene	Alabama	03/24/20				0.40%
1065	Hale	Alabama	03/24/20				0.51%
1067	Henry	Alabama	03/24/20				0.49%
1069	Houston	Alabama	03/24/20	08/20/20	69.31%	4.92%	0.54%
1071	Jackson	Alabama	03/25/20	08/20/20	34.66%	4.26%	0.59%
1073	Jefferson	Alabama	03/24/20	08/20/20	34.90%	3.38%	0.47%
1075	Lamar	Alabama	04/03/20	08/20/20	6.30%	3.70%	0.51%
1077	Lauderdale	Alabama	03/24/20	08/20/20	69.31%	4.05%	0.64%
1079	Lawrence	Alabama	03/24/20				0.58%
1081	Lee	Alabama	03/24/20	08/20/20	43.08%	3.14%	0.37%
1083	Limestone	Alabama	03/24/20	08/20/20	40.55%	3.96%	0.55%
1085	Lowndes	Alabama	03/24/20				0.54%
1087	Macon	Alabama	03/24/20				0.49%

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	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
1089	Madison	Alabama	03/24/20	08/20/20	51.08%	3.75%	0.51%
1091	Marengo	Alabama	03/24/20				0.50%
1093	Marion	Alabama	03/24/20		109.86%)	0.39%
1095	Marshall	Alabama	03/24/20				0.53%
1097	Mobile	Alabama	03/24/20	08/20/20	51.08%	5.04%	0.48%
1099	Monroe	Alabama	03/24/20				0.66%
1101	Montgomery	Alabama	03/24/20	08/20/20	36.77%	4.47%	0.61%
1103	Morgan	Alabama	03/24/20	08/20/20	91.63%	4.78%	0.62%
1105	Perry	Alabama	03/24/20				0.64%
1107	Pickens	Alabama	03/24/20				0.46%
1109	Pike	Alabama	03/24/20				0.54%
1111	Randolph	Alabama	03/24/20				0.38%
1113	Russell	Alabama	03/24/20				0.61%
1115	St. Clair	Alabama	03/24/20	08/20/20	40.55%	3.96%	0.53%
1117	Shelby	Alabama	03/24/20	08/20/20	44.18%	3.27%	0.42%
1119	Sumter	Alabama	03/24/20				0.43%
1121	Talladega	Alabama	03/24/20	08/20/20	40.55%	4.27%	0.53%
1123	Tallapoosa	Alabama	03/24/20	08/20/20	69.31%	4.08%	0.32%
1125	Tuscaloosa	Alabama	03/24/20	08/20/20	40.55%	4.10%	0.54%
1127	Walker	Alabama	03/24/20	08/20/20	58.78%	3.88%	0.45%
1129	Washington	Alabama	03/25/20	08/20/20	34.66%	4.12%	0.55%
1131	Wilcox	Alabama	03/24/20				0.40%
1133	Winston	Alabama	03/24/20				0.71%
2013	Aleutians Eas	stAlaska	03/24/20				0.39%
2016	Aleutians We	sAlaska	03/24/20				0.66%
2020	Anchorage	Alaska	03/25/20	08/20/20	24.95%	3.36%	0.46%
2050	Bethel	Alaska	03/24/20				0.59%
2060	Bristol Bay	Alaska	03/24/20				0.55%
2068	Denali	Alaska	03/24/20				0.00%
2070	Dillingham	Alaska	03/24/20				0.79%
2090	Fairbanks No	rAlaska	03/24/20	08/20/20	35.67%	2.89%	0.29%
2100	Haines	Alaska	03/24/20)			0.41%

	Current Growth	Rate Compa	red to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
2105	Hoonah-Ang	o:Alaska	03/24/20				0.00%
2110	Juneau	Alaska	03/24/20	08/20/20	69.31%	3.36%	0.34%
2122	Kenai Penins	suAlaska	03/24/20	08/20/20	28.77%	3.24%	0.48%
2130	Ketchikan Ga	atAlaska	03/24/20	08/20/20	28.77%	1.26%	0.15%
2150	Kodiak Island	d Alaska	03/24/20				0.40%
2158	Kusilvak	Alaska	03/24/20				0.77%
2164	Lake and Pe	niAlaska	03/24/20				0.00%
2170	Matanuska-S	SuAlaska	03/24/20				0.51%
2180	Nome	Alaska	03/24/20				0.52%
2185	North Slope	Alaska	03/24/20				0.78%
2188	Northwest Ar	c:Alaska	03/24/20				0.85%
2195	Petersburg	Alaska	03/24/20				0.16%
2198	Prince of Wa	leAlaska	03/24/20				0.44%
2220	Sitka	Alaska	03/24/20				0.58%
2230	Skagway	Alaska	03/24/20				0.00%
2240	Southeast Fa	ai Alaska	03/24/20				0.43%
2261	Valdez-Cordo	o\Alaska	03/24/20				1.38%
2275	Wrangell	Alaska	03/24/20				0.56%
2282	Yakutat	Alaska	03/24/20				1.33%
2290	Yukon-Koyuk	kuAlaska 💮	03/24/20				0.61%
4001	Apache	Arizona	03/24/20	08/20/20	55.96%	4.47%	0.56%
4003	Cochise	Arizona	03/25/20	08/20/20	34.66%	4.99%	0.70%
4005	Coconino	Arizona	03/24/20	08/20/20	24.51%	3.46%	0.39%
4007	Gila	Arizona	03/24/20				0.86%
4009	Graham	Arizona	03/26/20	08/20/20	23.10%	3.86%	0.86%
4011	Greenlee	Arizona	03/24/20				0.49%
4012	La Paz	Arizona	03/24/20				0.70%
4013	Maricopa	Arizona	03/24/20	08/20/20	23.21%	4.33%	0.62%
4015	Mohave	Arizona	03/24/20				0.69%
4017	Navajo	Arizona	03/24/20	08/20/20	14.52%	3.43%	0.41%
4019	Pima	Arizona	03/24/20	08/20/20	15.42%	4.12%	0.52%
4021	Pinal	Arizona	03/24/20	08/20/20	4.45%	4.02%	0.59%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
4023	Santa Cruz	Arizona	03/25/20	08/20/20	34.66%	5.27%	0.85%
4025	Yavapai	Arizona	03/24/20	08/20/20	28.77%	4.40%	0.52%
4027	Yuma	Arizona	03/24/20	08/20/20	40.55%	5.80%	0.94%
5001	Arkansas	Arkansas	03/24/20				0.72%
5003	Ashley	Arkansas	03/24/20				0.53%
5005	Baxter	Arkansas	03/24/20				0.50%
5007	Benton	Arkansas	03/25/20	03/24/20	144.52%	0.00%	0.69%
5009	Boone	Arkansas	04/08/20	08/20/20	6.87%	3.68%	0.66%
5011	Bradley	Arkansas	04/06/20	08/20/20	1.59%	2.74%	0.53%
5013	Calhoun	Arkansas	03/24/20				1.14%
5015	Carroll	Arkansas	03/24/20				0.79%
5017	Chicot	Arkansas	03/24/20				0.77%
5019	Clark	Arkansas	03/24/20	08/20/20	69.31%	2.34%	0.30%
5021	Clay	Arkansas	03/24/20				0.75%
5023	Cleburne	Arkansas	03/24/20	08/20/20	22.31%		0.19%
5025	Cleveland	Arkansas	03/27/20	08/20/20	12.77%		0.41%
5027	Columbia	Arkansas	04/08/20	08/20/20	6.87%		0.66%
5029	Conway	Arkansas	04/08/20	08/20/20	8.66%	3.48%	0.61%
5031	Craighead	Arkansas	03/28/20	08/20/20	8.11%		0.59%
5033	Crawford	Arkansas	04/08/20	08/20/20	6.87%		0.83%
5035	Crittenden	Arkansas	03/24/20		179.18%		0.42%
5037	Cross	Arkansas	04/03/20	08/20/20	14.63%	3.64%	0.54%
5039	Dallas	Arkansas	03/24/20				0.68%
5041	Desha	Arkansas	04/04/20	08/20/20	7.64%	3.13%	0.53%
5043	Drew	Arkansas	03/24/20				0.60%
5045	Faulkner	Arkansas	03/24/20	08/20/20	49.64%	3.10%	0.49%
5047	Franklin	Arkansas	03/24/20				0.74%
5049	Fulton	Arkansas	03/24/20				0.66%
5051	Garland	Arkansas	03/24/20	08/20/20	47.00%	3.23%	0.41%
5053	Grant	Arkansas	04/07/20	08/20/20	3.41%	2.67%	0.42%
5055	Greene	Arkansas	04/07/20	08/20/20	11.95%	4.23%	0.67%
5057	Hempstead	Arkansas	03/27/20	08/20/20	34.66%	3.79%	0.64%

	Current Growth I	Rate Compared	I to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
5059	Hot Spring	Arkansas	03/24/20				0.79%
5061	Howard	Arkansas	03/24/20				0.57%
5063	Independence	eArkansas	04/04/20	08/20/20	4.26%	3.60%	0.73%
5065	Izard	Arkansas	03/24/20				0.64%
5067	Jackson	Arkansas	03/24/20				0.77%
5069	Jefferson	Arkansas	03/24/20	08/20/20	4.65%	2.99%	0.44%
5071	Johnson	Arkansas	03/24/20				0.59%
5073	Lafayette	Arkansas	03/24/20				0.51%
5075	Lawrence	Arkansas	03/24/20	08/20/20		3.65%	0.46%
5077	Lee	Arkansas	03/24/20				0.91%
5079	Lincoln	Arkansas	03/25/20	08/20/20	45.81%	4.35%	0.71%
5081	Little River	Arkansas	03/24/20				1.08%
5083	Logan	Arkansas	03/24/20				0.76%
5085	Lonoke	Arkansas	03/24/20				0.45%
5087	Madison	Arkansas	03/24/20				0.83%
5089	Marion	Arkansas	03/24/20				0.55%
5091	Miller	Arkansas	03/24/20				0.48%
5093	Mississippi	Arkansas	03/24/20				0.76%
5095	Monroe	Arkansas	03/24/20				0.56%
5097	Montgomery	Arkansas	03/24/20				0.68%
5099	Nevada	Arkansas	03/24/20				0.73%
5101	Newton	Arkansas	03/24/20				0.67%
5103	Ouachita	Arkansas	03/24/20				0.48%
5105	Perry	Arkansas	03/24/20				0.50%
5107	Phillips	Arkansas	03/24/20				0.77%
5109	Pike	Arkansas	04/08/20	08/20/20	4.33%	3.36%	0.64%
5111	Poinsett	Arkansas	03/30/20	08/20/20	7.30%	3.24%	0.60%
5113	Polk	Arkansas	04/01/20	08/20/20	17.88%	3.53%	0.52%
5115	Pope	Arkansas	03/30/20	08/20/20	22.99%	4.90%	0.58%
5117	Prairie	Arkansas	03/24/20				0.59%
5119	Pulaski	Arkansas	03/24/20	08/20/20	19.78%	3.07%	0.48%
5121	Randolph	Arkansas	03/24/20				0.52%

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	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
5123	St. Francis	Arkansas	03/24/20				0.54%
5125	Saline	Arkansas	03/28/20	08/20/20	8.11%	3.88%	0.56%
5127	Scott	Arkansas	03/24/20				0.65%
5129	Searcy	Arkansas	04/04/20	08/20/20	7.64%	2.08%	0.35%
5131	Sebastian	Arkansas	03/24/20	08/20/20	69.31%	5.25%	0.82%
5133	Sevier	Arkansas	04/04/20	08/20/20	14.93%	4.67%	0.73%
5135	Sharp	Arkansas	03/24/20				0.62%
5137	Stone	Arkansas	03/30/20	08/20/20	22.99%	3.31%	0.46%
5139	Union	Arkansas	03/27/20	08/20/20	40.24%	4.28%	0.52%
5141	Van Buren	Arkansas	03/24/20	08/20/20	47.00%	1.80%	0.21%
5143	Washington	Arkansas	03/24/20	08/20/20	18.23%	4.79%	0.76%
5145	White	Arkansas	03/26/20	08/20/20	59.73%	4.06%	0.41%
5147	Woodruff	Arkansas	05/27/20	08/20/20	1.07%	2.17%	0.48%
5149	Yell	Arkansas	03/24/20				1.03%
6001	Alameda	California	03/25/20		13.83%	3.20%	0.45%
6003	Alpine	California	03/24/20				0.00%
6005	Amador	California	04/01/20	08/20/20	4.51%	3.26%	0.53%
6007	Butte	California	03/24/20	08/20/20	69.31%	4.43%	0.70%
6009	Calaveras	California	03/25/20	08/20/20	20.27%	3.00%	0.47%
6011	Colusa	California	03/24/20				0.73%
6013	Contra Costa	California	03/24/20	08/20/20	22.78%	3.30%	0.47%
6015	Del Norte	California	03/24/20				0.60%
6017	El Dorado	California	03/24/20	08/20/20	40.55%	4.06%	0.49%
6019	Fresno	California	03/24/20	08/20/20	32.54%	4.97%	0.70%
6021	Glenn	California	03/24/20				0.73%
6023	Humboldt	California	03/24/20	08/20/20	22.31%	2.97%	0.29%
6025	Imperial	California	03/24/20	08/20/20	40.55%	4.97%	0.71%
6027	Inyo	California	03/24/20				0.38%
6029	Kern	California	03/24/20	08/20/20	14.31%	5.10%	0.63%
6031	Kings	California	03/24/20				0.95%
6033	Lake	California	03/24/20				0.63%
6035	Lassen	California	03/24/20				1.23%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth F	Rate Compared	I to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
6037	Los Angeles	California	03/24/20	08/20/20	20.42%	3.90%	0.48%
6039	Madera	California	03/25/20	08/20/20	7.71%	4.21%	0.70%
6041	Marin	California	03/24/20	08/20/20	12.01%	3.22%	0.55%
6043	Mariposa	California	03/24/20				0.70%
6045	Mendocino	California	03/28/20	08/20/20	8.11%	3.78%	0.74%
6047	Merced	California	03/24/20	08/20/20	69.31%	5.93%	0.71%
6049	Modoc	California	03/24/20				0.65%
6051	Mono	California	03/24/20		138.63%)	0.31%
6053	Monterey	California	03/24/20	08/20/20	18.23%	3.89%	0.66%
6055	Napa	California	03/25/20	08/20/20	54.93%	4.32%	0.55%
6057	Nevada	California	03/24/20	08/20/20	28.77%	3.26%	0.37%
6059	Orange	California	03/24/20	08/20/20	20.72%	3.80%	0.53%
6061	Placer	California	03/24/20	08/20/20	40.55%	3.27%	0.46%
6063	Plumas	California	03/24/20				0.34%
6065	Riverside	California	03/24/20	08/20/20	17.65%	4.51%	0.51%
6067	Sacramento	California	03/24/20	08/20/20	25.01%	3.44%	0.47%
6069	San Benito	California	03/24/20	08/20/20	15.42%	3.35%	0.50%
6071	San Bernardii	nCalifornia	03/24/20	08/20/20	20.36%	4.84%	0.60%
6073	San Diego	California	03/24/20	08/20/20	5.17%	3.38%	0.45%
6075	San Francisco	California	03/24/20	08/20/20	15.79%	2.70%	0.34%
6077	San Joaquin	California	03/24/20	08/20/20	28.77%	3.82%	0.61%
6079	San Luis Obis	California	03/24/20	08/20/20	9.10%	2.75%	0.47%
6081	San Mateo	California	03/24/20	08/20/20	2.45%	2.56%	0.37%
6083	Santa Barbara	aCalifornia	03/24/20	08/20/20	28.77%	4.03%	0.50%
6085	Santa Clara	California	03/24/20	08/20/20	20.21%	2.48%	0.35%
6087	Santa Cruz	California	03/24/20	08/20/20	8.70%	2.86%	0.44%
6089	Shasta	California	03/24/20	08/20/20	40.55%	3.72%	0.48%
6091	Sierra	California	03/24/20				0.37%
6093	Siskiyou	California	03/24/20	08/20/20	40.55%	2.70%	0.47%
6095	Solano	California	03/24/20	08/20/20	13.35%	3.65%	0.56%
6097	Sonoma	California	03/24/20	08/20/20	15.91%	3.43%	0.53%
6099	Stanislaus	California	03/24/20	08/20/20	8.70%	4.72%	0.69%

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	Current Growth	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
6101	Sutter	California	03/24/20				0.53%
6103	Tehama	California	03/24/20				0.88%
6105	Trinity	California	03/24/20				0.42%
6107	Tulare	California	03/25/20	08/20/20	2.86%	4.43%	0.60%
6109	Tuolumne	California	03/24/20				0.76%
6111	Ventura	California	03/24/20	08/20/20	10.82%	3.75%	0.52%
6113	Yolo	California	03/24/20	08/20/20	22.31%	3.73%	0.48%
6115	Yuba	California	03/24/20	08/20/20		3.75%	0.61%
8001	Adams	Colorado	03/24/20	08/20/20	7.70%	3.76%	0.36%
8003	Alamosa	Colorado	03/24/20				0.56%
8005	Arapahoe	Colorado	03/24/20	08/20/20	17.37%	3.26%	0.29%
8007	Archuleta	Colorado	03/24/20				0.30%
8009	Baca	Colorado	03/24/20				0.06%
8011	Bent	Colorado	03/24/20				0.44%
8013	Boulder	Colorado	03/24/20	08/20/20	22.83%	2.68%	0.32%
8014	Broomfield	Colorado	03/24/20	08/20/20	91.63%	3.69%	0.27%
8015	Chaffee	Colorado	03/25/20	08/20/20	25.54%	3.08%	0.36%
8017	Cheyenne	Colorado	03/24/20				0.27%
8019	Clear Creek	Colorado	03/30/20	08/20/20	4.11%	1.56%	0.16%
8021	Conejos	Colorado	03/24/20				0.62%
8023	Costilla	Colorado	03/24/20				0.33%
8025	Crowley	Colorado	04/11/20	08/20/20	3.65%	2.86%	0.63%
8027	Custer	Colorado	03/24/20				0.28%
8029	Delta	Colorado	03/24/20				0.50%
8031	Denver	Colorado	03/24/20	08/20/20	36.88%	2.86%	0.32%
8033	Dolores	Colorado	03/24/20				0.35%
8035	Douglas	Colorado	03/24/20	08/20/20	9.91%	2.44%	0.27%
8037	Eagle	Colorado	03/24/20	08/20/20	26.57%	1.69%	0.14%
8039	Elbert	Colorado	03/30/20	08/20/20	7.30%	2.44%	0.30%
8041	El Paso	Colorado	03/24/20	08/20/20	56.99%	2.93%	0.34%
8043	Fremont	Colorado	03/24/20				0.45%
8045	Garfield	Colorado	03/24/20	08/20/20	22.31%	3.08%	0.40%

	Current Growth	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
8047	Gilpin	Colorado	03/24/20				0.42%
8049	Grand	Colorado	03/30/20	08/20/20	9.90%	2.22%	0.39%
8051	Gunnison	Colorado	03/24/20	08/20/20	35.67%	1.54%	0.15%
8053	Hinsdale	Colorado	04/11/20	08/20/20	3.65%	0.73%	0.06%
8055	Huerfano	Colorado	03/24/20				0.29%
8057	Jackson	Colorado	03/24/20				0.71%
8059	Jefferson	Colorado	03/24/20	08/20/20	52.53%	2.94%	0.26%
8061	Kiowa	Colorado	03/24/20				0.00%
8063	Kit Carson	Colorado	03/24/20				0.32%
8065	Lake	Colorado	03/24/20				0.44%
8067	La Plata	Colorado	03/24/20				0.24%
8069	Larimer	Colorado	03/24/20	08/20/20	23.48%	2.63%	0.34%
8071	Las Animas	Colorado	03/24/20				0.33%
8073	Lincoln	Colorado	03/24/20				0.31%
8075	Logan	Colorado	03/27/20	08/20/20	10.14%	3.87%	0.58%
8077	Mesa	Colorado	03/25/20	08/20/20	9.12%	2.87%	0.35%
8079	Mineral	Colorado	03/24/20				0.33%
8081	Moffat	Colorado	03/24/20				0.35%
8083	Montezuma	Colorado	03/24/20				0.36%
8085	Montrose	Colorado	03/24/20		109.86%		0.27%
8087	Morgan	Colorado	03/27/20	08/20/20	7.19%	3.64%	0.36%
8089	Otero	Colorado	03/24/20				0.40%
8091	Ouray	Colorado	03/24/20				0.28%
8093	Park	Colorado	03/28/20	08/20/20	21.97%	2.49%	0.29%
8095	Phillips	Colorado	03/24/20				0.23%
8097	Pitkin	Colorado	03/25/20	08/20/20	12.26%	1.57%	0.21%
8099	Prowers	Colorado	03/24/20				0.64%
8101	Pueblo	Colorado	03/27/20	08/20/20	17.33%	3.71%	0.39%
8103	Rio Blanco	Colorado	03/24/20				0.45%
8105	Rio Grande	Colorado	03/24/20				0.43%
8107	Routt	Colorado	03/24/20	08/20/20	28.77%	2.52%	0.18%
8109	Saguache	Colorado	03/24/20				0.52%

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	Current Growth F	Rate Compared to Firs	t Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
8111	San Juan	Colorado	03/24/20				0.11%
8113	San Miguel	Colorado	03/30/20	08/20/20	19.80%	3.02%	0.30%
8115	Sedgwick	Colorado	03/24/20				0.79%
8117	Summit	Colorado	03/24/20	08/20/20	22.31%	2.51%	0.24%
8119	Teller	Colorado	03/25/20	08/20/20	42.36%	2.60%	0.35%
8121	Washington	Colorado	03/24/20				0.48%
8123	Weld	Colorado	03/24/20	08/20/20	55.39%	2.90%	0.25%
8125	Yuma	Colorado	03/25/20	08/20/20	34.66%	2.76%	0.51%
9001	Fairfield	Connecticut	03/24/20	08/20/20	35.20%	2.58%	0.17%
9003	Hartford	Connecticut	03/24/20	08/20/20	27.63%	3.33%	0.28%
9005	Litchfield	Connecticut	03/24/20	08/20/20	40.55%	2.88%	0.20%
9007	Middlesex	Connecticut	03/24/20	08/20/20	62.86%	3.46%	0.22%
9009	New Haven	Connecticut	03/24/20	08/20/20	35.56%	3.35%	0.22%
9011	New London	Connecticut	03/24/20	08/20/20	40.55%	3.68%	0.30%
9013	Tolland	Connecticut	03/24/20	08/20/20	35.14%	2.70%	0.27%
9015	Windham	Connecticut	03/25/20	08/20/20	20.27%	3.97%	0.36%
10001	Kent	Delaware	03/24/20	08/20/20	33.65%	3.69%	0.32%
10003	New Castle	Delaware	03/24/20	08/20/20	10.68%	3.13%	0.32%
10005	Sussex	Delaware	03/24/20	08/20/20	12.26%	3.73%	0.38%
11001	District of Col	District of Columbia	03/24/20	08/20/20	28.23%	3.04%	0.29%
12001	Alachua	Florida	03/24/20	08/20/20	19.57%	3.25%	0.46%
12003	Baker	Florida	03/24/20	08/20/20	22.31%	3.75%	0.63%
12005	Bay	Florida	03/25/20	08/20/20	54.93%	5.69%	0.73%
12007	Bradford	Florida	03/29/20	08/20/20	11.55%	4.28%	0.46%
12009	Brevard	Florida	03/24/20	08/20/20	20.07%	4.42%	0.58%
12011	Broward	Florida	03/24/20	08/20/20	13.23%	3.60%	0.47%
12013	Calhoun	Florida	03/24/20				0.69%
12015	Charlotte	Florida	03/26/20	08/20/20	17.03%	4.47%	0.46%
12017	Citrus	Florida	03/25/20	08/20/20	10.03%	3.57%	0.50%
12019	Clay	Florida	03/24/20	08/20/20	26.24%	3.93%	0.47%
12021	Collier	Florida	03/24/20	08/20/20	13.66%	3.74%	0.51%
12023	Columbia	Florida	04/01/20	08/20/20	3.20%	4.64%	0.71%

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	Current Growth F	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
12027	DeSoto	Florida	03/25/20	08/20/20	80.47%	4.85%	0.65%
12029	Dixie	Florida	03/24/20				0.86%
12031	Duval	Florida	03/24/20	08/20/20	11.33%	4.15%	0.54%
12033	Escambia	Florida	03/24/20	08/20/20	33.65%	4.65%	0.57%
12035	Flagler	Florida	03/24/20	08/20/20	22.31%	3.81%	0.50%
12037	Franklin	Florida	03/24/20				0.82%
12039	Gadsden	Florida	04/01/20	08/20/20	7.70%	5.10%	0.71%
12041	Gilchrist	Florida	03/24/20				0.69%
12043	Glades	Florida	03/24/20				0.74%
12045	Gulf	Florida	03/24/20				0.98%
12047	Hamilton	Florida	03/24/20				0.86%
12049	Hardee	Florida	03/24/20				0.86%
12051	Hendry	Florida	03/24/20				0.67%
12053	Hernando	Florida	03/24/20	08/20/20	47.00%	4.11%	0.52%
12055	Highlands	Florida	03/25/20	08/20/20	11.16%	4.03%	0.51%
12057	Hillsborough	Florida	03/24/20	08/20/20	15.26%	3.97%	0.57%
12059	Holmes	Florida	03/24/20				0.84%
12061	Indian River	Florida	03/24/20	08/20/20	8.70%	3.67%	0.53%
12063	Jackson	Florida	03/29/20	08/20/20	11.55%	5.13%	0.87%
12065	Jefferson	Florida	03/24/20				0.56%
12067	Lafayette	Florida	03/24/20				1.04%
12069	Lake	Florida	03/24/20	08/20/20	25.13%	4.03%	0.55%
12071	Lee	Florida	03/24/20	08/20/20	27.19%	4.21%	0.50%
12073	Leon	Florida	03/25/20	08/20/20	5.89%	4.38%	0.57%
12075	Levy	Florida	03/24/20				0.69%
12077	Liberty	Florida	03/24/20				0.89%
12079	Madison	Florida	03/24/20				0.60%
12081	Manatee	Florida	03/24/20	08/20/20	31.85%	4.30%	0.56%
12083	Marion	Florida	03/24/20				0.66%
12085	Martin	Florida	03/25/20	08/20/20	34.66%	4.61%	0.52%
12086	Miami-Dade	Florida	03/24/20	08/20/20	16.84%	4.06%	0.45%
12087	Monroe	Florida	03/24/20	08/20/20	98.08%	4.22%	0.50%

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	Current Growth F	Rate Compared to Firs	t Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
12089	Nassau	Florida	03/25/20	08/20/20	80.47%	4.85%	0.56%
12091	Okaloosa	Florida	03/24/20	08/20/20	13.35%	3.75%	0.54%
12093	Okeechobee	Florida	03/24/20)			0.81%
12095	Orange	Florida	03/24/20	08/20/20	43.18%	4.35%	0.53%
12097	Osceola	Florida	03/24/20	08/20/20	29.73%	4.01%	0.52%
12099	Palm Beach	Florida	03/24/20	08/20/20	15.56%	3.99%	0.48%
12101	Pasco	Florida	03/24/20	08/20/20	12.52%	4.16%	0.57%
12103	Pinellas	Florida	03/24/20	08/20/20	10.54%	4.04%	0.55%
12105	Polk	Florida	03/24/20	08/20/20	7.41%	4.74%	0.61%
12107	Putnam	Florida	03/24/20	08/20/20	69.31%	4.49%	0.54%
12109	St. Johns	Florida	03/24/20	08/20/20	16.71%	3.49%	0.47%
12111	St. Lucie	Florida	03/24/20	08/20/20	28.77%	4.66%	0.56%
12113	Santa Rosa	Florida	03/24/20	08/20/20	55.96%	4.67%	0.55%
12115	Sarasota	Florida	03/24/20	08/20/20	3.77%	3.72%	0.51%
12117	Seminole	Florida	03/24/20	08/20/20	23.18%	3.87%	0.50%
12119	Sumter	Florida	03/24/20	08/20/20	26.24%	3.42%	0.41%
12121	Suwannee	Florida	03/24/20)			0.52%
12123	Taylor	Florida	03/24/20	1			1.04%
12125	Union	Florida	03/24/20	1			0.82%
12127	Volusia	Florida	03/24/20	08/20/20	10.54%	4.13%	0.56%
12129	Wakulla	Florida	03/24/20	1			0.71%
12131	Walton	Florida	03/24/20	08/20/20	18.23%	3.36%	0.59%
12133	Washington	Florida	03/24/20	1			0.81%
13001	Appling	Georgia	03/24/20	1			0.67%
13003	Atkinson	Georgia	03/24/20	1			0.77%
13005	Bacon	Georgia	03/24/20)			0.52%
13007	Baker	Georgia	03/24/20	08/20/20	40.55%	2.40%	0.26%
13009	Baldwin	Georgia	03/29/20	08/20/20	6.76%	4.29%	0.49%
13011	Banks	Georgia	03/24/20				0.57%
13013	Barrow	Georgia	03/24/20	08/20/20	69.31%	4.90%	0.50%
13015	Bartow	Georgia	03/24/20	08/20/20	5.26%	2.26%	0.36%
13017	Ben Hill	Georgia	03/26/20	08/20/20	23.10%	4.24%	0.63%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
13019	Berrien	Georgia	03/24/20				0.60%
13021	Bibb	Georgia	03/24/20	08/20/20	40.55%	4.67%	0.64%
13023	Bleckley	Georgia	03/24/20				0.85%
13025	Brantley	Georgia	03/24/20				0.55%
13027	Brooks	Georgia	03/24/20				0.48%
13029	Bryan	Georgia	03/25/20	08/20/20	20.27%	3.97%	0.49%
13031	Bulloch	Georgia	03/24/20				0.68%
13033	Burke	Georgia	03/26/20	08/20/20	36.62%	4.28%	0.46%
13035	Butts	Georgia	03/25/20	08/20/20	20.27%	3.71%	0.42%
13037	Calhoun	Georgia	03/24/20				0.25%
13039	Camden	Georgia	03/25/20	08/20/20	34.66%	4.55%	0.57%
13043	Candler	Georgia	03/24/20				0.64%
13045	Carroll	Georgia	03/24/20	08/20/20	3.77%	2.95%	0.35%
13047	Catoosa	Georgia	03/28/20	08/20/20	21.97%	4.42%	0.62%
13049	Charlton	Georgia	04/04/20	08/20/20	5.78%	4.16%	0.76%
13051	Chatham	Georgia	03/25/20	08/20/20	12.57%	4.56%	0.57%
13053	Chattahooch	ne Georgia	03/24/20				0.85%
13055	Chattooga	Georgia	03/30/20	08/20/20	15.69%	4.00%	0.66%
13057	Cherokee	Georgia	03/24/20	08/20/20	10.18%	3.35%	0.47%
13059	Clarke	Georgia	03/24/20	08/20/20	17.19%	3.34%	0.52%
13061	Clay	Georgia	03/24/20				0.30%
13063	Clayton	Georgia	03/24/20	08/20/20	4.65%	3.76%	0.42%
13065	Clinch	Georgia	04/01/20	08/20/20	7.70%	3.61%	0.66%
13067	Cobb	Georgia	03/24/20	08/20/20	16.08%	3.47%	0.46%
13069	Coffee	Georgia	03/26/20	08/20/20	13.52%	4.49%	0.51%
13071	Colquitt	Georgia	03/25/20	08/20/20	34.66%	4.48%	0.44%
13073	Columbia	Georgia	03/24/20	08/20/20	40.55%	4.39%	0.55%
13075	Cook	Georgia	03/24/20				0.62%
13077	Coweta	Georgia	03/25/20	08/20/20	9.12%	3.51%	0.44%
13079	Crawford	Georgia	03/24/20				0.57%
13081	Crisp	Georgia	03/25/20	08/20/20	14.38%	3.30%	0.27%
13083	Dade	Georgia	03/24/20				0.76%

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
13085	Dawson	Georgia	03/25/20	08/20/20	54.93%	4.22%	0.47%
13087	Decatur	Georgia	03/24/20				0.51%
13089	DeKalb	Georgia	03/24/20	08/20/20	21.03%	3.41%	0.43%
13091	Dodge	Georgia	03/24/20				0.46%
13093	Dooly	Georgia	03/24/20				0.28%
13095	Dougherty	Georgia	03/24/20	08/20/20	19.15%	2.31%	0.14%
13097	Douglas	Georgia	03/24/20	08/20/20	43.53%	3.74%	0.44%
13099	Early	Georgia	03/24/20	08/20/20	91.63%	3.52%	0.17%
13101	Echols	Georgia	03/24/20				0.70%
13103	Effingham	Georgia	03/24/20	08/20/20	40.55%	4.08%	0.56%
13105	Elbert	Georgia	03/24/20				0.73%
13107	Emanuel	Georgia	03/24/20				0.65%
13109	Evans	Georgia	03/24/20				0.86%
13111	Fannin	Georgia	03/24/20				0.56%
13113	Fayette	Georgia	03/25/20	08/20/20	7.71%	3.17%	0.40%
13115	Floyd	Georgia	03/24/20	08/20/20	24.12%	3.45%	0.44%
13117	Forsyth	Georgia	03/24/20	08/20/20	11.78%	3.89%	0.46%
13119	Franklin	Georgia	03/24/20				0.71%
13121	Fulton	Georgia	03/24/20	08/20/20	7.33%	3.23%	0.41%
13123	Gilmer	Georgia	03/24/20				0.68%
13125	Glascock	Georgia	03/24/20				0.65%
13127	Glynn	Georgia	03/26/20	08/20/20	6.08%	4.22%	0.66%
13129	Gordon	Georgia	03/24/20	08/20/20	13.35%	3.54%	0.56%
13131	Grady	Georgia	03/24/20				0.55%
13133	Greene	Georgia	03/24/20	08/20/20	69.31%	3.98%	0.41%
13135	Gwinnett	Georgia	03/24/20	08/20/20	6.45%	4.15%	0.52%
13137	Habersham	Georgia	03/24/20				0.67%
13139	Hall	Georgia	03/24/20	08/20/20	30.54%	4.14%	0.47%
13141	Hancock	Georgia	03/24/20				0.68%
13143	Haralson	Georgia	03/24/20				0.43%
13145	Harris	Georgia	03/28/20	08/20/20	13.86%	4.37%	0.54%
13147	Hart	Georgia	03/24/20				0.71%

	Current Growth I	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
13149	Heard	Georgia	03/31/20	08/20/20	13.73%	3.37%	0.58%
13151	Henry	Georgia	03/25/20	08/20/20	32.70%	3.82%	0.41%
13153	Houston	Georgia	03/24/20	08/20/20	51.08%	4.45%	0.46%
13155	Irwin	Georgia	03/24/20	08/20/20	69.31%	3.51%	0.43%
13157	Jackson	Georgia	03/24/20				0.58%
13159	Jasper	Georgia	03/24/20	08/20/20	69.31%	3.49%	0.51%
13161	Jeff Davis	Georgia	03/24/20				0.94%
13163	Jefferson	Georgia	03/24/20				0.71%
13165	Jenkins	Georgia	03/24/20				0.51%
13167	Johnson	Georgia	03/24/20				0.40%
13169	Jones	Georgia	03/24/20				0.54%
13171	Lamar	Georgia	03/27/20	08/20/20	-10.14%	3.09%	0.43%
13173	Lanier	Georgia	03/24/20				0.57%
13175	Laurens	Georgia	03/24/20	08/20/20	18.23%	3.65%	0.54%
13177	Lee	Georgia	03/24/20	08/20/20	22.31%	2.30%	0.15%
13179	Liberty	Georgia	03/27/20	08/20/20	17.33%	4.50%	0.58%
13181	Lincoln	Georgia	03/26/20	08/20/20	36.62%	3.47%	0.46%
13183	Long	Georgia	03/24/20				0.76%
13185	Lowndes	Georgia	03/24/20	08/20/20	9.53%	3.87%	0.60%
13187	Lumpkin	Georgia	03/25/20	08/20/20	14.38%	3.44%	0.61%
13189	McDuffie	Georgia	03/24/20				0.42%
13191	McIntosh	Georgia	03/24/20				0.61%
13193	Macon	Georgia	03/30/20	08/20/20	9.90%	3.51%	0.32%
13195	Madison	Georgia	03/25/20	08/20/20	34.66%	4.12%	0.59%
13197	Marion	Georgia	03/24/20				0.41%
13199	Meriwether	Georgia	03/26/20	08/20/20	36.62%	4.07%	0.44%
13201	Miller	Georgia	03/24/20	08/20/20	69.31%	3.49%	0.44%
13205	Mitchell	Georgia	03/24/20	08/20/20	28.77%	3.61%	0.25%
13207	Monroe	Georgia	03/30/20	08/20/20	4.11%	3.44%	0.57%
13209	Montgomery	Georgia	03/24/20				0.68%
13211	Morgan	Georgia	03/30/20	08/20/20	9.90%	3.95%	0.49%
13213	Murray	Georgia	03/24/20				0.57%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
13215	Muscogee	Georgia	03/24/20	08/20/20	28.77%	4.98%	0.53%
13217	Newton	Georgia	03/24/20	08/20/20	33.65%	4.04%	0.49%
13219	Oconee	Georgia	03/25/20	08/20/20	16.82%	3.06%	0.38%
13221	Oglethorpe	Georgia	03/24/20				0.47%
13223	Paulding	Georgia	03/25/20	08/20/20	7.71%	3.88%	0.48%
13225	Peach	Georgia	03/24/20	08/20/20	28.77%	3.40%	0.48%
13227	Pickens	Georgia	03/27/20	08/20/20	5.58%	3.17%	0.57%
13229	Pierce	Georgia	03/28/20	08/20/20	13.86%	4.12%	0.36%
13231	Pike	Georgia	03/24/20				0.41%
13233	Polk	Georgia	03/25/20	08/20/20	11.16%	3.24%	0.58%
13235	Pulaski	Georgia	03/27/20	08/20/20	17.33%	3.37%	0.43%
13237	Putnam	Georgia	03/24/20				0.67%
13239	Quitman	Georgia	03/24/20				0.34%
13241	Rabun	Georgia	03/24/20				0.55%
13243	Randolph	Georgia	03/26/20	08/20/20	36.62%	3.80%	0.15%
13245	Richmond	Georgia	03/25/20	08/20/20	-4.77%	4.15%	0.55%
13247	Rockdale	Georgia	03/24/20	08/20/20	25.13%	3.61%	0.42%
13249	Schley	Georgia	03/24/20				0.31%
13251	Screven	Georgia	03/24/20				0.53%
13253	Seminole	Georgia	03/24/20				0.42%
13255	Spalding	Georgia	03/24/20	08/20/20	18.23%	3.58%	0.41%
13257	Stephens	Georgia	03/24/20	08/20/20	69.31%	4.41%	0.56%
13259	Stewart	Georgia	03/24/20				0.58%
13261	Sumter	Georgia	03/24/20	08/20/20	91.63%	4.00%	0.19%
13263	Talbot	Georgia	03/24/20				0.43%
13265	Taliaferro	Georgia	03/24/20				0.50%
13267	Tattnall	Georgia	03/25/20	08/20/20	34.66%	4.30%	0.71%
13269	Taylor	Georgia	03/24/20				0.46%
13271	Telfair	Georgia	03/24/20				0.52%
13273	Terrell	Georgia	03/25/20	08/20/20	25.54%	3.09%	0.16%
13275	Thomas	Georgia	03/24/20				0.42%
13277	Tift	Georgia	03/24/20	08/20/20	91.63%	4.38%	0.47%

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
13279	Toombs	Georgia	03/24/20				0.68%
13281	Towns	Georgia	03/24/20				0.60%
13283	Treutlen	Georgia	03/24/20				0.77%
13285	Troup	Georgia	03/25/20	08/20/20	25.54%	4.02%	0.56%
13287	Turner	Georgia	03/25/20	08/20/20	34.66%	3.74%	0.28%
13289	Twiggs	Georgia	03/24/20	08/20/20	69.31%	3.35%	0.65%
13291	Union	Georgia	03/24/20				0.62%
13293	Upson	Georgia	03/24/20				0.35%
13295	Walker	Georgia	03/24/20				0.74%
13297	Walton	Georgia	03/25/20	08/20/20		4.80%	0.53%
13299	Ware	Georgia	03/24/20				0.48%
13301	Warren	Georgia	03/24/20				0.43%
13303	Washington	Georgia	03/24/20	08/20/20	69.31%	4.24%	0.48%
13305	Wayne	Georgia	03/24/20				0.80%
13307	Webster	Georgia	03/24/20				0.37%
13309	Wheeler	Georgia	03/24/20				0.62%
13311	White	Georgia	03/24/20				0.54%
13313	Whitfield	Georgia	03/24/20	08/20/20	69.31%	5.03%	0.76%
13315	Wilcox	Georgia	03/24/20				0.32%
13317	Wilkes	Georgia	03/24/20				0.52%
13319	Wilkinson	Georgia	03/24/20				0.48%
13321	Worth	Georgia	03/25/20	08/20/20	11.16%	3.19%	0.26%
15001	Hawaii	Hawaii	03/25/20	08/20/20	34.66%	2.99%	0.25%
15003	Honolulu	Hawaii	03/25/20	08/20/20	7.95%	3.04%	0.43%
15005	Kalawao	Hawaii	03/24/20				0.00%
15007	Kauai	Hawaii	03/25/20	08/20/20	34.66%	2.68%	0.14%
15009	Maui	Hawaii	03/25/20	08/20/20	18.39%	2.26%	0.19%
16001	Ada	Idaho	03/24/20	08/20/20	23.36%	4.21%	0.45%
16003	Adams	Idaho	03/24/20				0.47%
16005	Bannock	Idaho	03/25/20	08/20/20	20.27%	3.75%	0.70%
16007	Bear Lake	Idaho	03/24/20				1.19%
16009	Benewah	Idaho	03/24/20				0.78%

	Current Growth	Rate Com	pared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State		Last Day	First Rate	Current Rate	Rate
16011	Bingham	Idaho	03/26/20	08/20/20	-23.10%	3.52%	0.78%
16013	Blaine	Idaho	03/24/20	08/20/20	10.54%	1.87%	0.04%
16015	Boise	Idaho	03/24/20				1.30%
16017	Bonner	Idaho	03/24/20				0.58%
16019	Bonneville	Idaho	03/24/20				0.72%
16021	Boundary	Idaho	03/24/20				0.55%
16023	Butte	Idaho	03/24/20				2.13%
16025	Camas	Idaho	03/24/20				0.10%
16027	Canyon	Idaho	03/25/20	08/20/20	47.78%	4.80%	0.57%
16029	Caribou	Idaho	03/24/20				0.52%
16031	Cassia	Idaho	04/02/20	08/20/20	10.99%	4.23%	0.67%
16033	Clark	Idaho	03/24/20				1.52%
16035	Clearwater	Idaho	03/24/20				1.01%
16037	Custer	Idaho	03/24/20				0.32%
16039	Elmore	Idaho	03/24/20				0.41%
16041	Franklin	Idaho	03/24/20				0.91%
16043	Fremont	Idaho	03/24/20				0.58%
16045	Gem	Idaho	03/24/20				0.46%
16047	Gooding	Idaho	03/24/20				0.55%
16049	Idaho	Idaho	03/24/20				0.38%
16051	Jefferson	Idaho	03/31/20	08/20/20	5.07%	3.33%	0.65%
16053	Jerome	Idaho	03/24/20				0.45%
16055	Kootenai	Idaho	03/25/20	08/20/20	5.89%	3.70%	0.57%
16057	Latah	Idaho	03/24/20				0.63%
16059	Lemhi	Idaho	03/24/20				0.69%
16061	Lewis	Idaho	03/24/20				0.00%
16063	Lincoln	Idaho	03/24/20				0.22%
16065	Madison	Idaho	03/30/20	08/20/20	13.09%	3.10%	0.56%
16067	Minidoka	Idaho	03/24/20				0.72%
16069	Nez Perce	Idaho	03/24/20				0.42%
16071	Oneida	Idaho	03/24/20				0.77%
16073	Owyhee	Idaho	03/24/20				0.63%

	Current Growth I	Rate Compared to I	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
16075	Payette	Idaho	03/24/20				0.65%
16077	Power	Idaho	03/24/20				0.57%
16079	Shoshone	Idaho	03/24/20				1.93%
16081	Teton	Idaho	04/01/20	08/20/20	4.51%	2.71%	0.44%
16083	Twin Falls	Idaho	03/26/20	08/20/20	36.62%	4.91%	0.45%
16085	Valley	Idaho	03/30/20	08/20/20	9.90%	2.90%	0.54%
16087	Washington	Idaho	03/24/20				0.81%
17001	Adams	Illinois	03/28/20	08/20/20	13.86%	4.37%	0.49%
17003	Alexander	Illinois	03/24/20				0.57%
17005	Bond	Illinois	03/24/20				0.49%
17007	Boone	Illinois	03/24/20				0.72%
17009	Brown	Illinois	03/24/20				0.47%
17011	Bureau	Illinois	03/24/20				0.61%
17013	Calhoun	Illinois	03/24/20				0.47%
17015	Carroll	Illinois	03/24/20				0.49%
17017	Cass	Illinois	03/24/20				0.60%
17019	Champaign	Illinois	03/25/20	08/20/20	45.81%	4.10%	0.47%
17021	Christian	Illinois	03/28/20	08/20/20	35.84%	3.43%	0.32%
17023	Clark	Illinois	03/24/20				0.53%
17025	Clay	Illinois	03/24/20				0.61%
17027	Clinton	Illinois	03/24/20	08/20/20	28.77%	3.48%	0.41%
17029	Coles	Illinois	03/24/20				0.72%
17031	Cook	Illinois	03/24/20	08/20/20	17.19%	3.07%	0.31%
17033	Crawford	Illinois	03/24/20				0.40%
17035	Cumberland	Illinois	04/09/20	08/20/20	4.08%	3.04%	0.59%
17037	DeKalb	Illinois	03/26/20	08/20/20	46.21%	4.62%	0.51%
17039	De Witt	Illinois	03/24/20				0.53%
17041	Douglas	Illinois	03/24/20				0.42%
17043	DuPage	Illinois	03/24/20	08/20/20	24.05%	3.25%	0.37%
17045	Edgar	Illinois	03/24/20				0.80%
17047	Edwards	Illinois	03/24/20				0.52%
17049	Effingham	Illinois	03/24/20				0.78%

	Current Growth	Rate Compar	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
17051	Fayette	Illinois	03/24/20)			0.36%
17053	Ford	Illinois	03/24/20	1			0.45%
17055	Franklin	Illinois	03/24/20	1			0.63%
17057	Fulton	Illinois	03/24/20	1			0.63%
17059	Gallatin	Illinois	03/24/20)			0.60%
17061	Greene	Illinois	03/24/20)			0.67%
17063	Grundy	Illinois	03/26/20	08/20/20	23.10%	4.01%	0.45%
17065	Hamilton	Illinois	03/24/20)			0.58%
17067	Hancock	Illinois	03/24/20)			0.70%
17069	Hardin	Illinois	03/24/20)			0.46%
17071	Henderson	Illinois	03/24/20				0.55%
17073	Henry	Illinois	03/24/20				0.43%
17075	Iroquois	Illinois	03/24/20				0.50%
17077	Jackson	Illinois	03/27/20	08/20/20	17.33%	4.48%	0.50%
17079	Jasper	Illinois	03/24/20)			0.49%
17081	Jefferson	Illinois	03/24/20)			0.59%
17083	Jersey	Illinois	03/24/20)			0.54%
17085	Jo Daviess	Illinois	03/31/20	08/20/20	13.73%	3.36%	0.40%
17087	Johnson	Illinois	03/24/20)			0.68%
17089	Kane	Illinois	03/24/20	08/20/20	45.95%	4.06%	0.49%
17091	Kankakee	Illinois	03/24/20	08/20/20	40.55%	4.14%	0.34%
17093	Kendall	Illinois	03/24/20	08/20/20	40.55%	3.98%	0.40%
17095	Knox	Illinois	03/24/20)			0.79%
17097	Lake	Illinois	03/24/20	08/20/20	22.49%	3.21%	0.33%
17099	LaSalle	Illinois	03/26/20	08/20/20	1	3.91%	0.58%
17101	Lawrence	Illinois	03/24/20)			0.56%
17103	Lee	Illinois	03/24/20)			0.41%
17105	Livingston	Illinois	03/26/20	08/20/20	23.10%	3.37%	0.35%
17107	Logan	Illinois	03/24/20)			0.64%
17109	McDonough	Illinois	03/24/20)			0.74%
17111	McHenry	Illinois	03/24/20	08/20/20	30.54%	3.69%	0.40%
17113	McLean	Illinois	03/25/20	08/20/20	6.68%	3.26%	0.40%

	Current Growth I	Rate Compa	ared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
17115	Macon	Illinois	03/24/20				0.47%
17117	Macoupin	Illinois	03/24/20				0.43%
17119	Madison	Illinois	03/24/20	08/20/20	40.55%	4.97%	0.51%
17121	Marion	Illinois	03/24/20				0.43%
17123	Marshall	Illinois	03/24/20				0.54%
17125	Mason	Illinois	03/24/20				0.47%
17127	Massac	Illinois	03/24/20				0.50%
17129	Menard	Illinois	03/24/20				0.52%
17131	Mercer	Illinois	03/24/20				0.55%
17133	Monroe	Illinois	03/24/20	08/20/20	69.31%	3.97%	0.32%
17135	Montgomery	Illinois	03/24/20				0.51%
17137	Morgan	Illinois	03/24/20				0.57%
17139	Moultrie	Illinois	03/24/20				0.62%
17141	Ogle	Illinois	03/24/20				0.47%
17143	Peoria	Illinois	03/24/20	08/20/20	28.77%	4.37%	0.65%
17145	Perry	Illinois	03/24/20				0.82%
17147	Piatt	Illinois	03/24/20				0.36%
17149	Pike	Illinois	03/24/20				0.61%
17151	Pope	Illinois	03/24/20				0.44%
17153	Pulaski	Illinois	03/24/20				0.45%
17155	Putnam	Illinois	03/24/20				0.37%
17157	Randolph	Illinois	03/24/20				0.41%
17159	Richland	Illinois	03/24/20				0.59%
17161	Rock Island	Illinois	03/24/20		109.86%		0.46%
17163	St. Clair	Illinois	03/26/20	08/20/20	25.40%	4.34%	0.48%
17165	Saline	Illinois	03/24/20				0.58%
17167	Sangamon	Illinois	03/26/20	08/20/20	11.22%	3.83%	0.54%
17169	Schuyler	Illinois	03/24/20				0.43%
17171	Scott	Illinois	03/24/20				1.38%
17173	Shelby	Illinois	03/24/20				0.54%
17175	Stark	Illinois	03/24/20				0.34%
17177	Stephenson	Illinois	03/26/20	08/20/20	23.10%	3.93%	0.56%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
17179	Tazewell	Illinois	03/24/20				0.59%
17181	Union	Illinois	03/24/20				0.73%
17183	Vermilion	Illinois	03/24/20				0.53%
17185	Wabash	Illinois	03/24/20				0.56%
17187	Warren	Illinois	03/24/20				0.70%
17189	Washington	Illinois	04/05/20	08/20/20	5.33%	2.94%	0.57%
17191	Wayne	Illinois	03/24/20				0.69%
17193	White	Illinois	03/24/20				0.74%
17195	Whiteside	Illinois	03/26/20	08/20/20	23.10%	4.04%	0.42%
17197	Will	Illinois	03/24/20	08/20/20	35.67%	3.95%	0.32%
17199	Williamson	Illinois	03/24/20				0.63%
17201	Winnebago	Illinois	03/24/20	08/20/20	33.65%	4.46%	0.56%
17203	Woodford	Illinois	03/28/20	08/20/20	5.75%	2.88%	0.52%
18001	Adams	Indiana	04/03/20	08/20/20	6.30%	3.35%	0.54%
18003	Allen	Indiana	03/25/20		6.68%	4.30%	0.51%
18005	Bartholomew	Indiana	03/25/20	08/20/20	9.12%	3.51%	0.33%
18007	Benton	Indiana	03/24/20				0.53%
18009	Blackford	Indiana	03/24/20				0.38%
18011	Boone	Indiana	03/24/20	08/20/20	28.77%	3.70%	0.28%
18013	Brown	Indiana	03/26/20	08/20/20	23.10%	2.94%	0.29%
18015	Carroll	Indiana	03/24/20				0.57%
18017	Cass	Indiana	03/24/20				0.66%
18019	Clark	Indiana	03/24/20	08/20/20	18.23%	3.82%	0.40%
18021	Clay	Indiana	03/24/20				0.43%
18023	Clinton	Indiana	03/24/20				0.58%
18025	Crawford	Indiana	03/24/20				0.23%
18027	Daviess	Indiana	03/24/20				0.56%
18029	Dearborn	Indiana	03/25/20	08/20/20	20.27%	3.74%	0.33%
18031	Decatur	Indiana	03/24/20	08/20/20	15.42%	2.74%	0.16%
18033	DeKalb	Indiana	03/24/20				0.60%
18035	Delaware	Indiana	03/24/20	08/20/20	55.96%	3.57%	0.38%
18037	Dubois	Indiana	03/28/20	08/20/20	13.86%	4.44%	0.60%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
18039	Elkhart	Indiana	03/24/20	08/20/20	22.31%	4.79%	0.62%
18041	Fayette	Indiana	03/24/20	08/20/20	40.55%	3.24%	0.42%
18043	Floyd	Indiana	03/25/20	08/20/20	7.71%	3.38%	0.33%
18045	Fountain	Indiana	03/24/20				0.54%
18047	Franklin	Indiana	03/25/20	08/20/20	30.95%	2.40%	0.20%
18049	Fulton	Indiana	03/24/20				0.61%
18051	Gibson	Indiana	03/25/20	08/20/20	20.27%	3.28%	0.63%
18053	Grant	Indiana	03/26/20	08/20/20	17.03%	3.49%	0.42%
18055	Greene	Indiana	03/24/20	08/20/20		3.84%	0.42%
18057	Hamilton	Indiana	03/24/20	08/20/20	18.23%	3.26%	0.30%
18059	Hancock	Indiana	03/24/20	08/20/20	69.31%	3.48%	0.28%
18061	Harrison	Indiana	03/24/20				0.31%
18063	Hendricks	Indiana	03/24/20	08/20/20	14.31%	3.39%	0.28%
18065	Henry	Indiana	03/24/20				0.46%
18067	Howard	Indiana	03/26/20	08/20/20	5.14%	3.42%	0.45%
18069	Huntington	Indiana	03/24/20				0.47%
18071	Jackson	Indiana	03/25/20	08/20/20	34.66%	4.31%	0.33%
18073	Jasper	Indiana	03/24/20				0.43%
18075	Jay	Indiana	03/24/20				0.49%
18077	Jefferson	Indiana	03/24/20				0.41%
18079	Jennings	Indiana	03/24/20	08/20/20	40.55%	3.20%	0.22%
18081	Johnson	Indiana	03/24/20	08/20/20	28.77%	3.11%	0.27%
18083	Knox	Indiana	03/24/20				0.43%
18085	Kosciusko	Indiana	03/24/20				0.60%
18087	LaGrange	Indiana	03/24/20				0.58%
18089	Lake	Indiana	03/24/20	08/20/20	11.12%	4.14%	0.36%
18091	LaPorte	Indiana	03/27/20	08/20/20	17.33%	4.19%	0.53%
18093	Lawrence	Indiana	03/25/20	08/20/20	34.66%	3.95%	0.28%
18095	Madison	Indiana	03/24/20	08/20/20	28.77%	3.97%	0.23%
18097	Marion	Indiana	03/24/20	08/20/20	33.91%	3.11%	0.27%
18099	Marshall	Indiana	03/24/20				0.56%
18101	Martin	Indiana	03/24/20				0.40%

	Current Growth F	Rate Compared to Firs	st Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
18103	Miami	Indiana	03/29/20	08/20/20	18.31%	3.79%	0.43%
18105	Monroe	Indiana	03/24/20	08/20/20	28.77%	3.75%	0.36%
18107	Montgomery	Indiana	03/25/20	08/20/20	34.66%	3.96%	0.41%
18109	Morgan	Indiana	03/24/20	08/20/20	51.08%	3.45%	0.25%
18111	Newton	Indiana	03/24/20				0.23%
18113	Noble	Indiana	03/27/20	08/20/20	17.33%	4.42%	0.60%
18115	Ohio	Indiana	04/20/20	08/20/20	2.48%	2.84%	0.61%
18117	Orange	Indiana	03/24/20				0.39%
18119	Owen	Indiana	03/24/20	08/20/20	69.31%	2.77%	0.29%
18121	Parke	Indiana	03/24/20				0.34%
18123	Perry	Indiana	03/24/20				0.60%
18125	Pike	Indiana	03/24/20				0.65%
18127	Porter	Indiana	03/24/20		109.86%)	0.38%
18129	Posey	Indiana	03/24/20				0.54%
18131	Pulaski	Indiana	03/24/20				0.66%
18133	Putnam	Indiana	03/24/20	08/20/20	69.31%	3.99%	0.39%
18135	Randolph	Indiana	03/24/20				0.41%
18137	Ripley	Indiana	03/24/20	08/20/20	15.42%	2.43%	0.15%
18139	Rush	Indiana	03/24/20				0.32%
18141	St. Joseph	Indiana	03/24/20	08/20/20	5.41%	3.62%	0.47%
18143	Scott	Indiana	04/01/20	08/20/20	17.88%	3.79%	0.44%
18145	Shelby	Indiana	03/24/20	08/20/20	69.31%	4.27%	0.31%
18147	Spencer	Indiana	03/24/20				0.57%
18149	Starke	Indiana	03/24/20	08/20/20	-69.31%	3.02%	0.44%
18151	Steuben	Indiana	03/24/20				0.46%
18153	Sullivan	Indiana	03/24/20				0.55%
18155	Switzerland	Indiana	03/24/20				0.23%
18157	Tippecanoe	Indiana	03/24/20	08/20/20	28.77%	4.10%	0.52%
18159	Tipton	Indiana	03/28/20	08/20/20	13.86%	2.95%	0.42%
18161	Union	Indiana	03/24/20				0.36%
18163	Vanderburgh	Indiana	03/25/20	08/20/20	69.31%	5.16%	0.55%
18165	Vermillion	Indiana	03/24/20				0.48%

	Current Growth I	Rate Compared t	o First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
18167	Vigo	Indiana	03/27/20	08/20/20	7.19%	3.85%	0.48%
18169	Wabash	Indiana	03/24/20				0.49%
18171	Warren	Indiana	03/24/20				0.42%
18173	Warrick	Indiana	03/24/20	08/20/20		4.34%	0.44%
18175	Washington	Indiana	03/25/20	08/20/20	20.27%	2.96%	0.30%
18177	Wayne	Indiana	03/24/20				0.50%
18179	Wells	Indiana	03/30/20	08/20/20	9.90%	3.49%	0.57%
18181	White	Indiana	03/24/20				0.72%
18183	Whitley	Indiana	03/24/20				0.42%
19001	Adair	Iowa	05/04/20	08/20/20	1.65%	2.49%	0.55%
19003	Adams	Iowa	03/24/20				0.59%
19005	Allamakee	Iowa	03/24/20	08/20/20	15.42%	2.21%	0.31%
19007	Appanoose	Iowa	03/24/20				0.63%
19009	Audubon	Iowa	03/24/20				0.52%
19011	Benton	Iowa	03/24/20				0.36%
19013	Black Hawk	Iowa	03/25/20	08/20/20	11.16%	4.51%	0.63%
19015	Boone	Iowa	03/24/20				0.64%
19017	Bremer	Iowa	03/24/20				0.66%
19019	Buchanan	Iowa	03/27/20	08/20/20	17.33%	3.40%	0.46%
19021	Buena Vista	Iowa	03/24/20				1.00%
19023	Butler	Iowa	03/24/20				0.75%
19025	Calhoun	Iowa	03/24/20				0.79%
19027	Carroll	Iowa	04/29/20	08/20/20	1.87%	3.77%	0.84%
19029	Cass	Iowa	03/24/20				0.69%
19031	Cedar	Iowa	03/25/20	08/20/20	69.31%	3.31%	0.29%
19033	Cerro Gordo	Iowa	03/26/20	08/20/20	13.52%	3.91%	0.59%
19035	Cherokee	Iowa	03/24/20				0.76%
19037	Chickasaw	Iowa	03/24/20				0.56%
19039	Clarke	Iowa	03/24/20				0.69%
19041	Clay	Iowa	03/24/20				0.70%
19043	Clayton	Iowa	03/24/20				0.46%
19045	Clinton	Iowa	03/24/20				0.47%

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	Current Growth	Rate Compared to Fir	st Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
19047	Crawford	Iowa	03/24/20)			0.72%
19049	Dallas	Iowa	03/26/20	08/20/20	8.38%	3.79%	0.59%
19051	Davis	Iowa	03/24/20)			0.73%
19053	Decatur	Iowa	03/24/20)			0.62%
19055	Delaware	Iowa	03/24/20)			0.66%
19057	Des Moines	Iowa	03/24/20)			0.69%
19059	Dickinson	Iowa	03/24/20)			0.88%
19061	Dubuque	Iowa	03/26/20	08/20/20	9.59%	3.83%	0.59%
19063	Emmet	Iowa	03/24/20)			0.87%
19065	Fayette	Iowa	03/27/20	08/20/20	17.33%	3.19%	0.51%
19067	Floyd	Iowa	03/24/20)			0.89%
19069	Franklin	Iowa	03/24/20)			0.82%
19071	Fremont	Iowa	03/24/20)			0.73%
19073	Greene	Iowa	03/24/20)			0.57%
19075	Grundy	Iowa	03/24/20)			0.70%
19077	Guthrie	Iowa	03/24/20)			0.74%
19079	Hamilton	Iowa	03/24/20				0.71%
19081	Hancock	Iowa	03/24/20	08/20/20	40.55%	2.78%	0.56%
19083	Hardin	Iowa	03/24/20)			0.79%
19085	Harrison	Iowa	03/26/20	08/20/20	28.24%	2.52%	0.36%
19087	Henry	Iowa	03/26/20	08/20/20	23.10%	3.52%	0.35%
19089	Howard	Iowa	03/24/20)			0.69%
19091	Humboldt	Iowa	03/24/20)			0.72%
19093	Ida	Iowa	03/24/20)			0.68%
19095	Iowa	Iowa	03/24/20)			0.40%
19097	Jackson	Iowa	03/24/20)			0.56%
19099	Jasper	Iowa	03/25/20	08/20/20	34.66%	4.16%	0.56%
19101	Jefferson	Iowa	03/24/20)			0.48%
19103	Johnson	Iowa	03/24/20	08/20/20	15.03%	2.77%	0.38%
19105	Jones	Iowa	03/24/20				0.44%
19107	Keokuk	Iowa	03/24/20				0.46%
19109	Kossuth	Iowa	04/29/20	08/20/20	1.87%	3.13%	0.70%

	Current Growth I	Rate Compa	ared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
19111	Lee	Iowa	03/24/20				0.83%
19113	Linn	Iowa	03/24/20	08/20/20	15.42%	4.07%	0.36%
19115	Louisa	Iowa	03/24/20				0.23%
19117	Lucas	Iowa	03/24/20				0.86%
19119	Lyon	Iowa	03/24/20				0.56%
19121	Madison	Iowa	03/24/20				0.63%
19123	Mahaska	Iowa	03/24/20				0.56%
19125	Marion	Iowa	03/24/20				0.70%
19127	Marshall	Iowa	03/24/20				0.58%
19129	Mills	Iowa	03/24/20				0.70%
19131	Mitchell	Iowa	03/24/20				0.56%
19133	Monona	Iowa	03/24/20				0.42%
19135	Monroe	Iowa	03/24/20				0.77%
19137	Montgomery	Iowa	03/24/20				0.61%
19139	Muscatine	Iowa	03/24/20	08/20/20	18.23%	3.48%	0.33%
19141	O'Brien	Iowa	03/24/20				0.59%
19143	Osceola	Iowa	03/24/20				0.56%
19145	Page	Iowa	03/24/20				0.52%
19147	Palo Alto	Iowa	03/24/20				0.85%
19149	Plymouth	Iowa	03/24/20				0.74%
19151	Pocahontas	Iowa	03/24/20				0.79%
19153	Polk	Iowa	03/24/20	08/20/20	28.77%	4.43%	0.62%
19155	Pottawattami	elowa	03/25/20	08/20/20	20.27%	4.41%	0.71%
19157	Poweshiek	Iowa	03/24/20	08/20/20	69.31%	2.98%	0.52%
19159	Ringgold	Iowa	03/24/20				0.68%
19161	Sac	Iowa	03/24/20				0.79%
19163	Scott	Iowa	03/24/20		109.86%)	0.42%
19165	Shelby	Iowa	03/24/20				0.52%
19167	Sioux	Iowa	03/25/20	08/20/20	34.66%	4.42%	0.70%
19169	Story	Iowa	03/31/20	08/20/20	8.66%	4.43%	0.81%
19171	Tama	Iowa	03/26/20	08/20/20	7.44%	3.32%	0.28%
19173	Taylor	Iowa	03/24/20				0.69%

	Current Growth I	Rate Compared to Firs	t Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
19175	Union	Iowa	03/24/20	1			0.66%
19177	Van Buren	Iowa	03/24/20	1			0.30%
19179	Wapello	Iowa	04/05/20	08/20/20	5.33%	4.60%	0.81%
19181	Warren	Iowa	03/30/20	08/20/20	15.69%	4.30%	0.55%
19183	Washington	Iowa	03/24/20	08/20/20	40.55%	2.91%	0.20%
19185	Wayne	Iowa	03/24/20)			0.62%
19187	Webster	Iowa	03/24/20	1			0.86%
19189	Winnebago	Iowa	03/24/20	1			0.62%
19191	Winneshiek	Iowa	03/26/20	08/20/20	23.10%	3.39%	0.53%
19193	Woodbury	Iowa	03/26/20	08/20/20	13.52%	5.05%	0.79%
19195	Worth	Iowa	03/24/20	1			0.63%
19197	Wright	Iowa	03/24/20)			0.91%
20001	Allen	Kansas	03/24/20)			0.62%
20003	Anderson	Kansas	03/24/20)			0.51%
20005	Atchison	Kansas	03/24/20)			0.58%
20007	Barber	Kansas	03/24/20)			0.24%
20009	Barton	Kansas	03/24/20)			0.59%
20011	Bourbon	Kansas	03/26/20	08/20/20	36.62%	2.94%	0.38%
20013	Brown	Kansas	03/24/20)			0.72%
20015	Butler	Kansas	03/31/20	08/20/20	6.39%	3.22%	0.57%
20017	Chase	Kansas	03/24/20)			0.64%
20019	Chautauqua	Kansas	03/24/20)			0.14%
20021	Cherokee	Kansas	03/30/20	08/20/20	5.79%	3.08%	0.53%
20023	Cheyenne	Kansas	03/24/20)			0.30%
20025	Clark	Kansas	03/24/20)			0.61%
20027	Clay	Kansas	03/24/20)			0.48%
20029	Cloud	Kansas	03/24/20)			0.40%
20031	Coffey	Kansas	03/24/20				0.09%
20033	Comanche	Kansas	03/24/20				0.46%
20035	Cowley	Kansas	03/24/20				0.88%
20037	Crawford	Kansas	03/25/20	08/20/20	20.27%	3.55%	0.65%
20039	Decatur	Kansas	03/24/20				0.50%

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	Current Growth F	Rate Compared	I to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
20041	Dickinson	Kansas	03/24/20				0.62%
20043	Doniphan	Kansas	04/20/20	08/20/20	3.92%	2.71%	0.60%
20045	Douglas	Kansas	03/24/20	08/20/20	51.08%	3.33%	0.48%
20047	Edwards	Kansas	03/24/20				0.42%
20049	Elk	Kansas	03/24/20				0.00%
20051	Ellis	Kansas	03/24/20				0.81%
20053	Ellsworth	Kansas	03/24/20				0.56%
20055	Finney	Kansas	03/24/20				0.71%
20057	Ford	Kansas	03/24/20				0.76%
20059	Franklin	Kansas	03/26/20	08/20/20	23.10%	3.66%	0.44%
20061	Geary	Kansas	03/24/20				0.54%
20063	Gove	Kansas	03/24/20				0.29%
20065	Graham	Kansas	03/24/20				0.97%
20067	Grant	Kansas	03/24/20				0.80%
20069	Gray	Kansas	03/24/20				0.72%
20071	Greeley	Kansas	03/24/20				0.62%
20073	Greenwood	Kansas	03/24/20				0.46%
20075	Hamilton	Kansas	03/24/20				0.55%
20077	Harper	Kansas	03/24/20				0.76%
20079	Harvey	Kansas	03/24/20				0.62%
20081	Haskell	Kansas	03/24/20				0.59%
20083	Hodgeman	Kansas	03/24/20				0.53%
20085	Jackson	Kansas	04/25/20	08/20/20	2.10%	3.47%	0.76%
20087	Jefferson	Kansas	03/24/20				0.45%
20089	Jewell	Kansas	03/24/20				0.22%
20091	Johnson	Kansas	03/24/20	08/20/20	20.07%	3.51%	0.48%
20093	Kearny	Kansas	03/24/20				0.62%
20095	Kingman	Kansas	03/24/20				1.44%
20097	Kiowa	Kansas	03/24/20				0.33%
20099	Labette	Kansas	03/24/20				0.32%
20101	Lane	Kansas	03/24/20				0.40%
20103	Leavenworth	Kansas	03/24/20	08/20/20	45.20%	3.61%	0.43%

	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
20105	Lincoln	Kansas	03/24/20				0.62%
20107	Linn	Kansas	03/24/20	08/20/20	69.31%	2.15%	0.34%
20109	Logan	Kansas	03/24/20				0.22%
20111	Lyon	Kansas	03/24/20	08/20/20	69.31%	4.04%	0.51%
20113	McPherson	Kansas	03/24/20				0.40%
20115	Marion	Kansas	03/24/20				0.44%
20117	Marshall	Kansas	03/24/20				0.84%
20119	Meade	Kansas	03/24/20				0.65%
20121	Miami	Kansas	03/24/20				0.60%
20123	Mitchell	Kansas	03/24/20	08/20/20	69.31%	2.22%	0.39%
20125	Montgomery	Kansas	03/24/20				0.42%
20127	Morris	Kansas	04/21/20	08/20/20	1.40%	1.34%	0.31%
20129	Morton	Kansas	03/24/20				0.31%
20131	Nemaha	Kansas	03/24/20				0.66%
20133	Neosho	Kansas	03/24/20				0.53%
20135	Ness	Kansas	03/24/20				0.54%
20137	Norton	Kansas	03/24/20				0.54%
20139	Osage	Kansas	03/24/20				0.39%
20141	Osborne	Kansas	03/24/20				0.10%
20143	Ottawa	Kansas	03/24/20				0.38%
20145	Pawnee	Kansas	03/24/20				1.25%
20147	Phillips	Kansas	03/24/20				0.55%
20149	Pottawatomie	Kansas	03/30/20	08/20/20	9.90%	3.29%	0.50%
20151	Pratt	Kansas	03/24/20				0.54%
20153	Rawlins	Kansas	03/24/20				0.00%
20155	Reno	Kansas	03/25/20	08/20/20	34.66%	3.76%	0.61%
20157	Republic	Kansas	03/24/20				0.32%
20159	Rice	Kansas	03/24/20				0.60%
20161	Riley	Kansas	03/24/20				0.50%
20163	Rooks	Kansas	03/24/20				0.36%
20165	Rush	Kansas	03/24/20				0.88%
20167	Russell	Kansas	03/24/20				0.76%

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	Current Growth	Rate Compare	d to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
20169	Saline	Kansas	03/24/20				0.59%
20171	Scott	Kansas	03/24/20				0.66%
20173	Sedgwick	Kansas	03/24/20	08/20/20	45.20%	6 4.52%	0.51%
20175	Seward	Kansas	03/24/20				0.82%
20177	Shawnee	Kansas	03/24/20				0.49%
20179	Sheridan	Kansas	03/24/20				0.34%
20181	Sherman	Kansas	03/24/20				0.43%
20183	Smith	Kansas	03/24/20				0.16%
20185	Stafford	Kansas	03/24/20				0.41%
20187	Stanton	Kansas	03/24/20				0.44%
20189	Stevens	Kansas	03/24/20				0.50%
20191	Sumner	Kansas	03/24/20				0.69%
20193	Thomas	Kansas	03/24/20				0.51%
20195	Trego	Kansas	03/24/20				0.43%
20197	Wabaunsee	Kansas	03/24/20				0.58%
20199	Wallace	Kansas	03/24/20				0.00%
20201	Washington	Kansas	03/24/20				0.12%
20203	Wichita	Kansas	03/24/20				0.39%
20205	Wilson	Kansas	03/24/20				0.42%
20207	Woodson	Kansas	03/30/20	08/20/20	9.90%	6 1.66%	0.20%
20209	Wyandotte	Kansas	03/24/20	08/20/20	20.48%	6 3.69%	0.43%
21001	Adair	Kentucky	03/24/20				0.45%
21003	Allen	Kentucky	03/24/20				0.60%
21005	Anderson	Kentucky	04/03/20	08/20/20	3.69%	6 2.61%	0.58%
21007	Ballard	Kentucky	03/24/20				0.55%
21009	Barren	Kentucky	03/24/20				0.67%
21011	Bath	Kentucky	03/24/20				0.48%
21013	Bell	Kentucky	03/24/20				1.18%
21015	Boone	Kentucky	03/27/20	08/20/20	40.24%	6 4.73%	0.48%
21017	Bourbon	Kentucky	04/03/20	08/20/20	6.30%	6 2.62%	0.52%
21019	Boyd	Kentucky	03/24/20				0.32%
21021	Boyle	Kentucky	03/24/20				0.39%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth I	Rate Compared to	o First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
21023	Bracken	Kentucky	03/24/20)			0.27%
21025	Breathitt	Kentucky	03/24/20	08/20/20	69.31%	2.43%	0.47%
21027	Breckinridge	Kentucky	03/24/20				0.50%
21029	Bullitt	Kentucky	03/24/20)			0.45%
21031	Butler	Kentucky	03/24/20)			0.48%
21033	Caldwell	Kentucky	03/24/20)			0.28%
21035	Calloway	Kentucky	03/28/20	08/20/20	13.86%	3.86%	0.49%
21037	Campbell	Kentucky	03/27/20	08/20/20	27.47%	4.31%	0.39%
21039	Carlisle	Kentucky	03/24/20)			0.64%
21041	Carroll	Kentucky	03/24/20)			0.67%
21043	Carter	Kentucky	03/24/20)			0.69%
21045	Casey	Kentucky	03/24/20)			0.81%
21047	Christian	Kentucky	03/28/20	08/20/20	21.97%	3.87%	0.37%
21049	Clark	Kentucky	03/28/20	08/20/20	21.97%	3.13%	0.38%
21051	Clay	Kentucky	03/24/20)			0.81%
21053	Clinton	Kentucky	03/24/20)			0.44%
21055	Crittenden	Kentucky	03/24/20)			0.37%
21057	Cumberland	Kentucky	03/24/20	1			0.48%
21059	Daviess	Kentucky	03/24/20	08/20/20	24.12%	2.91%	0.36%
21061	Edmonson	Kentucky	03/24/20	1			0.42%
21063	Elliott	Kentucky	03/24/20	1			0.61%
21065	Estill	Kentucky	03/24/20	1			0.78%
21067	Fayette	Kentucky	03/24/20	08/20/20	62.42%	3.65%	0.46%
21069	Fleming	Kentucky	03/24/20	1			0.61%
21071	Floyd	Kentucky	03/24/20	1			0.72%
21073	Franklin	Kentucky	03/28/20	08/20/20	21.97%	3.56%	0.55%
21075	Fulton	Kentucky	03/24/20				0.73%
21077	Gallatin	Kentucky	03/24/20				0.65%
21079	Garrard	Kentucky	03/24/20				0.70%
21081	Grant	Kentucky	03/24/20				0.35%
21083	Graves	Kentucky	03/24/20				0.62%
21085	Grayson	Kentucky	03/24/20				0.60%

	Current Growth	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
21087	Green	Kentucky	03/24/20				0.58%
21089	Greenup	Kentucky	03/24/20				0.53%
21091	Hancock	Kentucky	03/24/20				0.49%
21093	Hardin	Kentucky	03/28/20	08/20/20	18.33%	4.00%	0.54%
21095	Harlan	Kentucky	03/24/20				1.01%
21097	Harrison	Kentucky	03/24/20	08/20/20	22.31%	1.90%	0.34%
21099	Hart	Kentucky	03/24/20				0.70%
21101	Henderson	Kentucky	03/27/20	08/20/20	10.14%	3.53%	0.39%
21103	Henry	Kentucky	03/24/20				0.54%
21105	Hickman	Kentucky	03/24/20				0.67%
21107	Hopkins	Kentucky	03/24/20				0.25%
21109	Jackson	Kentucky	03/24/20				0.52%
21111	Jefferson	Kentucky	03/24/20	08/20/20	5.88%	3.83%	0.46%
21113	Jessamine	Kentucky	03/28/20	08/20/20	46.05%	4.00%	0.41%
21115	Johnson	Kentucky	03/24/20				0.68%
21117	Kenton	Kentucky	03/24/20	08/20/20	47.00%	3.85%	0.44%
21119	Knott	Kentucky	03/24/20				0.66%
21121	Knox	Kentucky	03/24/20				0.84%
21123	Larue	Kentucky	03/24/20				0.48%
21125	Laurel	Kentucky	03/28/20	08/20/20	13.86%	4.15%	0.60%
21127	Lawrence	Kentucky	03/24/20				0.54%
21129	Lee	Kentucky	03/24/20				0.57%
21131	Leslie	Kentucky	03/24/20				0.53%
21133	Letcher	Kentucky	03/24/20				0.62%
21135	Lewis	Kentucky	03/24/20				0.59%
21137	Lincoln	Kentucky	03/24/20				0.72%
21139	Livingston	Kentucky	03/24/20				0.56%
21141	Logan	Kentucky	03/28/20	08/20/20	13.86%	3.94%	0.63%
21143	Lyon	Kentucky	04/03/20	08/20/20	12.60%	2.35%	0.13%
21145	McCracken	Kentucky	03/24/20	08/20/20	69.31%	4.07%	0.46%
21147	McCreary	Kentucky	03/24/20				0.32%
21149	McLean	Kentucky	03/24/20				0.31%

	Current Growth I	Rate Compared to	First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	<u> </u>	Last Day	First Rate	Current Rate	Rate
21151	Madison	Kentucky	03/28/20	08/20/20	25.06%	3.92%	0.57%
21153	Magoffin	Kentucky	03/24/20				0.80%
21155	Marion	Kentucky	03/24/20				0.40%
21157	Marshall	Kentucky	03/24/20				0.41%
21159	Martin	Kentucky	03/28/20	08/20/20	13.86%	2.55%	0.37%
21161	Mason	Kentucky	03/24/20				0.40%
21163	Meade	Kentucky	03/24/20				0.60%
21165	Menifee	Kentucky	03/28/20	08/20/20	13.86%	2.22%	0.34%
21167	Mercer	Kentucky	03/24/20				0.36%
21169	Metcalfe	Kentucky	03/24/20				0.73%
21171	Monroe	Kentucky	03/24/20				0.59%
21173	Montgomery	Kentucky	04/03/20	08/20/20	8.33%	2.96%	0.45%
21175	Morgan	Kentucky	03/24/20				0.55%
21177	Muhlenberg	Kentucky	03/28/20	08/20/20	13.86%	3.85%	0.46%
21179	Nelson	Kentucky	03/28/20	08/20/20	13.86%	3.81%	0.51%
21181	Nicholas	Kentucky	03/24/20				0.45%
21183	Ohio	Kentucky	03/24/20				0.56%
21185	Oldham	Kentucky	03/28/20	08/20/20	21.97%	4.40%	0.57%
21187	Owen	Kentucky	03/24/20				0.72%
21189	Owsley	Kentucky	03/24/20				0.38%
21191	Pendleton	Kentucky	03/24/20				0.45%
21193	Perry	Kentucky	03/24/20				0.66%
21195	Pike	Kentucky	03/24/20				0.63%
21197	Powell	Kentucky	03/24/20				0.52%
21199	Pulaski	Kentucky	03/28/20	08/20/20	16.95%	3.30%	0.39%
21201	Robertson	Kentucky	03/24/20				0.50%
21203	Rockcastle	Kentucky	03/24/20				0.39%
21205	Rowan	Kentucky	03/24/20				0.68%
21207	Russell	Kentucky	03/24/20				0.43%
21209	Scott	Kentucky	03/28/20	08/20/20	32.19%	4.13%	0.46%
21211	Shelby	Kentucky	03/24/20				0.57%
21213	Simpson	Kentucky	03/28/20	08/20/20	13.86%	3.48%	0.36%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
21215	Spencer	Kentucky	03/28/20		13.86%	3.34%	0.48%
21217	Taylor	Kentucky	03/24/20				0.60%
21219	Todd	Kentucky	03/24/20				0.32%
21221	Trigg	Kentucky	03/24/20				0.43%
21223	Trimble	Kentucky	03/24/20				0.44%
21225	Union	Kentucky	03/24/20				0.41%
21227	Warren	Kentucky	03/24/20	08/20/20	22.31%	4.39%	0.61%
21229	Washington	Kentucky	03/24/20				0.54%
21231	Wayne	Kentucky	03/24/20				0.45%
21233	Webster	Kentucky	03/28/20	08/20/20	13.86%	3.04%	0.36%
21235	Whitley	Kentucky	03/24/20				0.56%
21237	Wolfe	Kentucky	03/24/20				0.66%
21239	Woodford	Kentucky	03/24/20				0.37%
22001	Acadia	Louisiana	03/25/20	08/20/20	20.27%	4.81%	0.49%
22003	Allen	Louisiana	03/25/20	08/20/20	45.81%	4.37%	0.45%
22005	Ascension	Louisiana	03/24/20	08/20/20	59.09%	2.99%	0.30%
22007	Assumption	Louisiana	03/25/20	08/20/20	45.81%	3.83%	0.25%
22009	Avoyelles	Louisiana	03/24/20	08/20/20	51.08%	3.99%	0.44%
22011	Beauregard	Louisiana	03/24/20	08/20/20	40.55%	4.09%	0.52%
22013	Bienville	Louisiana	03/27/20	08/20/20	27.47%	4.00%	0.36%
22015	Bossier	Louisiana	03/24/20	08/20/20	73.40%	3.56%	0.39%
22017	Caddo	Louisiana	03/24/20	08/20/20	84.37%	3.45%	0.29%
22019	Calcasieu	Louisiana	03/24/20	08/20/20	78.85%	4.85%	0.49%
22021	Caldwell	Louisiana	03/24/20				0.40%
22023	Cameron	Louisiana	03/24/20				0.68%
22025	Catahoula	Louisiana	03/29/20	08/20/20	18.31%	3.88%	0.42%
22027	Claiborne	Louisiana	03/26/20	08/20/20	13.52%	3.38%	0.32%
22029	Concordia	Louisiana	03/24/20				0.47%
22031	De Soto	Louisiana	03/24/20	08/20/20	28.77%	3.26%	0.28%
22033	East Baton R	cLouisiana	03/24/20	08/20/20	25.70%	3.62%	0.35%
22035	East Carroll	Louisiana	03/24/20				0.92%
22037	East Felician	aLouisiana	03/24/20				0.36%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
22039	Evangeline	Louisiana	03/26/20	08/20/20	23.10%	4.14%	0.49%
22041	Franklin	Louisiana	03/24/20				0.45%
22043	Grant	Louisiana	03/28/20	08/20/20	13.86%	3.95%	0.51%
22045	Iberia	Louisiana	03/25/20	08/20/20	20.27%	4.79%	0.44%
22047	Iberville	Louisiana	03/25/20	08/20/20	9.71%	3.03%	0.26%
22049	Jackson	Louisiana	03/24/20				0.58%
22051	Jefferson	Louisiana	03/24/20	08/20/20	20.31%	2.67%	0.17%
22053	Jefferson Da	viLouisiana	03/24/20				0.49%
22055	Lafayette	Louisiana	03/24/20	08/20/20	51.08%	4.34%	0.46%
22057	Lafourche	Louisiana	03/24/20	08/20/20	11.78%	3.51%	0.28%
22059	LaSalle	Louisiana	03/24/20				0.51%
22061	Lincoln	Louisiana	03/25/20	08/20/20	20.27%	4.05%	0.45%
22063	Livingston	Louisiana	03/25/20	08/20/20	30.31%	4.19%	0.49%
22065	Madison	Louisiana	03/24/20				0.85%
22067	Morehouse	Louisiana	03/24/20				0.44%
22069	Natchitoches	Louisiana	04/01/20	08/20/20	7.70%	4.05%	0.45%
22071	Orleans	Louisiana	03/24/20	08/20/20	20.31%	1.87%	0.10%
22073	Ouachita	Louisiana	03/24/20	08/20/20	35.67%	4.42%	0.39%
22075	Plaquemines	Louisiana	03/24/20	08/20/20	11.78%	2.73%	0.19%
22077	Pointe Coupe	ecLouisiana	03/24/20				0.45%
22079	Rapides	Louisiana	03/24/20	08/20/20	33.65%	3.93%	0.46%
22081	Red River	Louisiana	03/24/20				0.51%
22083	Richland	Louisiana	03/26/20	08/20/20	23.10%	4.33%	0.52%
22085	Sabine	Louisiana	03/24/20				0.64%
22087	St. Bernard	Louisiana	03/24/20	08/20/20	19.11%	2.75%	0.18%
22089	St. Charles	Louisiana	03/24/20	08/20/20	12.52%	3.10%	0.21%
22091	St. Helena	Louisiana	03/24/20				0.49%
22093	St. James	Louisiana	03/24/20	08/20/20	44.18%	2.94%	0.19%
22095	St. John the	BLouisiana	03/24/20	08/20/20	25.13%	2.84%	0.15%
22097	St. Landry	Louisiana	03/24/20	08/20/20	28.77%	4.60%	0.50%
22099	St. Martin	Louisiana	03/25/20	08/20/20	34.66%	5.01%	0.37%
22101	St. Mary	Louisiana	03/24/20	08/20/20	91.63%	4.50%	0.40%

	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
22103	St. Tammany	Louisiana	03/24/20	08/20/20	25.34%	3.14%	0.28%
22105	Tangipahoa	Louisiana	03/24/20	08/20/20	22.31%	4.59%	0.36%
22107	Tensas	Louisiana	03/24/20				0.72%
22109	Terrebonne	Louisiana	03/24/20	08/20/20	6.90%	3.64%	0.38%
22111	Union	Louisiana	03/24/20				0.42%
22113	Vermilion	Louisiana	03/24/20				0.63%
22115	Vernon	Louisiana	03/29/20	08/20/20	6.76%	4.05%	0.61%
22117	Washington	Louisiana	03/24/20	08/20/20	28.77%	4.09%	0.34%
22119	Webster	Louisiana	03/24/20	08/20/20	51.08%	3.86%	0.41%
22121	West Baton R	Louisiana	03/24/20	08/20/20	33.65%	3.36%	0.38%
22123	West Carroll	Louisiana	03/24/20				0.64%
22125	West Felician	Louisiana	03/24/20				0.35%
22127	Winn	Louisiana	03/24/20				0.58%
23001	Androscoggin	Maine	03/24/20	08/20/20	28.77%	3.52%	0.45%
23003	Aroostook	Maine	03/24/20				0.43%
23005	Cumberland	Maine	03/24/20	08/20/20	16.18%	2.25%	0.30%
23007	Franklin	Maine	03/24/20				0.26%
23009	Hancock	Maine	03/24/20				0.32%
23011	Kennebec	Maine	03/25/20	08/20/20	9.12%	2.37%	0.25%
23013	Knox	Maine	03/26/20	08/20/20	23.10%	2.22%	0.15%
23015	Lincoln	Maine	03/29/20	08/20/20	7.83%	1.30%	0.20%
23017	Oxford	Maine	03/25/20	08/20/20	14.38%	1.52%	0.22%
23019	Penobscot	Maine	03/25/20	08/20/20	11.16%	2.63%	0.27%
23021	Piscataquis	Maine	03/24/20				0.30%
23023	Sagadahoc	Maine	03/24/20	08/20/20	28.77%	1.97%	0.21%
23025	Somerset	Maine	03/24/20				0.25%
23027	Waldo	Maine	03/25/20	08/20/20	34.66%	2.79%	0.10%
23029	Washington	Maine	03/24/20				0.40%
23031	York	Maine	03/24/20	08/20/20	36.29%	2.54%	0.24%
24001	Allegany	Maryland	03/24/20				0.49%
24003	Anne Arundel	Maryland	03/24/20	08/20/20	25.59%	3.86%	0.37%
24005	Baltimore	Maryland	03/24/20	08/20/20	19.42%	3.89%	0.36%

	Current Growth I	Rate Compared to	First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
24009	Calvert	Maryland	03/25/20	08/20/20	42.36%	3.69%	0.31%
24011	Caroline	Maryland	03/28/20	08/20/20	21.97%	4.10%	0.49%
24013	Carroll	Maryland	03/25/20	08/20/20	16.82%	3.86%	0.29%
24015	Cecil	Maryland	03/24/20	08/20/20	28.77%	3.68%	0.34%
24017	Charles	Maryland	03/24/20	08/20/20	47.00%	4.07%	0.32%
24019	Dorchester	Maryland	03/24/20				0.57%
24021	Frederick	Maryland	03/24/20	08/20/20	55.96%	4.48%	0.33%
24023	Garrett	Maryland	04/07/20	08/20/20	3.41%	2.01%	0.41%
24025	Harford	Maryland	03/25/20	08/20/20	29.39%	4.07%	0.42%
24027	Howard	Maryland	03/24/20	08/20/20	15.42%	3.29%	0.36%
24029	Kent	Maryland	03/24/20				0.45%
24031	Montgomery	Maryland	03/24/20	08/20/20	17.14%	3.46%	0.36%
24033	Prince Georg	eMaryland	03/24/20	08/20/20	18.76%	3.99%	0.37%
24035	Queen Anne's	s Maryland	03/25/20	08/20/20	34.66%	4.15%	0.48%
24037	St. Mary's	Maryland	03/25/20	08/20/20	34.66%	4.19%	0.38%
24039	Somerset	Maryland	03/31/20	08/20/20	17.33%	3.42%	0.56%
24041	Talbot	Maryland	03/27/20	08/20/20	17.33%	4.05%	0.52%
24043	Washington	Maryland	03/24/20	08/20/20	69.31%	4.26%	0.41%
24045	Wicomico	Maryland	03/25/20	08/20/20	11.16%	3.92%	0.52%
24047	Worcester	Maryland	03/29/20	08/20/20	6.76%	3.94%	0.53%
24510	Baltimore City	y Maryland	03/24/20	08/20/20	25.67%	3.88%	0.42%
25001	Barnstable	Massachusetts	03/24/20	08/20/20	24.29%	2.45%	0.16%
25003	Berkshire	Massachusetts	03/24/20	08/20/20	65.18%	1.89%	0.09%
25005	Bristol	Massachusetts	03/24/20	08/20/20	77.07%	3.77%	0.27%
25007	Dukes	Massachusetts	03/24/20				0.00%
25009	Essex	Massachusetts	03/24/20	08/20/20	40.55%	3.33%	0.25%
25011	Franklin	Massachusetts	03/24/20	08/20/20	33.65%	2.43%	0.15%
25013	Hampden	Massachusetts	03/24/20	08/20/20	62.86%	3.83%	0.22%
25015	Hampshire	Massachusetts	03/24/20	08/20/20	31.85%	3.29%	0.23%
25017	Middlesex	Massachusetts	03/24/20	08/20/20	38.33%	2.93%	0.21%
25019	Nantucket	Massachusetts	03/24/20				0.00%
25021	Norfolk	Massachusetts	03/24/20	08/20/20	54.29%	2.85%	0.17%

	Current Growth	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
25023	Plymouth	Massachusetts	03/24/20	08/20/20	45.62%	3.29%	0.21%
25025	Suffolk	Massachusetts	03/24/20	08/20/20	37.95%	3.02%	0.20%
25027	Worcester	Massachusetts	03/24/20	08/20/20	56.94%	3.46%	0.27%
26001	Alcona	Michigan	03/24/20				0.51%
26003	Alger	Michigan	03/24/20				0.74%
26005	Allegan	Michigan	03/27/20	08/20/20	17.33%	4.23%	0.49%
26007	Alpena	Michigan	03/24/20				0.70%
26009	Antrim	Michigan	03/24/20				0.28%
26011	Arenac	Michigan	03/24/20				0.33%
26013	Baraga	Michigan	03/24/20				0.36%
26015	Barry	Michigan	03/30/20	08/20/20	9.90%	3.53%	0.48%
26017	Bay	Michigan	03/24/20	08/20/20	40.55%	3.95%	0.39%
26019	Benzie	Michigan	03/24/20				0.46%
26021	Berrien	Michigan	03/24/20	08/20/20	22.31%	3.49%	0.40%
26023	Branch	Michigan	03/24/20				0.41%
26025	Calhoun	Michigan	03/24/20	08/20/20	40.55%	3.58%	0.36%
26027	Cass	Michigan	03/24/20				0.53%
26029	Charlevoix	Michigan	03/24/20	08/20/20	28.77%	1.97%	0.26%
26031	Cheboygan	Michigan	03/24/20				0.29%
26033	Chippewa	Michigan	03/27/20	08/20/20		2.57%	0.60%
26035	Clare	Michigan	04/02/20	08/20/20	6.93%	3.00%	0.51%
26037	Clinton	Michigan	03/24/20	08/20/20	18.23%	2.99%	0.24%
26039	Crawford	Michigan	03/24/20				0.34%
26041	Delta	Michigan	03/24/20				0.41%
26043	Dickinson	Michigan	03/24/20				0.60%
26045	Eaton	Michigan	03/25/20	08/20/20	14.38%	3.38%	0.29%
26047	Emmet	Michigan	03/26/20	08/20/20	13.52%	2.55%	0.25%
26049	Genesee	Michigan	03/24/20	08/20/20	30.23%	3.15%	0.21%
26051	Gladwin	Michigan	03/28/20	08/20/20	8.11%	2.39%	0.43%
26053	Gogebic	Michigan	03/24/20				0.57%
26055	Grand Trave	rsMichigan	03/27/20	08/20/20	12.77%	2.96%	0.44%
26057	Gratiot	Michigan	03/24/20				0.47%

	Current Growth F	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
26059	Hillsdale	Michigan	03/24/20	08/20/20	69.31%	3.77%	0.20%
26061	Houghton	Michigan	03/24/20				0.60%
26063	Huron	Michigan	03/24/20				0.51%
26065	Ingham	Michigan	03/24/20	08/20/20	18.23%	3.14%	0.28%
26067	Ionia	Michigan	03/24/20				0.46%
26069	losco	Michigan	03/24/20				0.55%
26071	Iron	Michigan	03/24/20				0.76%
26073	Isabella	Michigan	03/25/20	08/20/20	20.27%	3.21%	0.33%
26075	Jackson	Michigan	03/24/20	08/20/20	69.31%	3.22%	0.22%
26077	Kalamazoo	Michigan	03/24/20	08/20/20	51.08%	4.26%	0.46%
26079	Kalkaska	Michigan	03/24/20	08/20/20	69.31%	2.71%	0.24%
26081	Kent	Michigan	03/24/20	08/20/20	14.95%	3.69%	0.50%
26083	Keweenaw	Michigan	03/24/20				0.18%
26085	Lake	Michigan	03/24/20				0.50%
26087	Lapeer	Michigan	03/25/20	08/20/20	54.93%	4.15%	0.24%
26089	Leelanau	Michigan	04/05/20	08/20/20	5.33%	2.92%	0.45%
26091	Lenawee	Michigan	03/24/20				0.35%
26093	Livingston	Michigan	03/24/20	08/20/20	20.76%	2.87%	0.23%
26095	Luce	Michigan	03/24/20				0.20%
26097	Mackinac	Michigan	03/24/20				0.31%
26099	Macomb	Michigan	03/24/20	08/20/20	22.23%	2.63%	0.19%
26101	Manistee	Michigan	04/03/20	08/20/20	12.60%	2.52%	0.22%
26103	Marquette	Michigan	03/28/20	08/20/20	13.86%	3.60%	0.37%
26105	Mason	Michigan	03/24/20				0.59%
26107	Mecosta	Michigan	03/24/20				0.31%
26109	Menominee	Michigan	03/24/20				0.80%
26111	Midland	Michigan	03/24/20	08/20/20	18.23%	2.87%	0.37%
26113	Missaukee	Michigan	03/24/20				0.56%
26115	Monroe	Michigan	03/24/20	08/20/20	40.55%	3.03%	0.28%
26117	Montcalm	Michigan	03/24/20	08/20/20	69.31%	3.56%	0.34%
26119	Montmorency	Michigan	03/24/20				0.37%
26121	Muskegon	Michigan	03/26/20	08/20/20	23.10%	4.03%	0.46%

	Current Growth I	Rate Compared t	o First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
26123	Newaygo	Michigan	03/26/20	08/20/20	-23.10%	3.27%	0.57%
26125	Oakland	Michigan	03/24/20	08/20/20	23.80%	2.45%	0.19%
26127	Oceana	Michigan	03/24/20				0.81%
26129	Ogemaw	Michigan	03/24/20				0.38%
26131	Ontonagon	Michigan	03/24/20				1.32%
26133	Osceola	Michigan	03/24/20				0.43%
26135	Oscoda	Michigan	03/24/20				0.29%
26137	Otsego	Michigan	03/24/20	08/20/20	18.23%	2.20%	0.21%
26139	Ottawa	Michigan	03/24/20	08/20/20	6.45%	3.25%	0.50%
26141	Presque Isle	Michigan	03/24/20				0.34%
26143	Roscommon	Michigan	04/02/20	08/20/20	6.93%	2.73%	0.30%
26145	Saginaw	Michigan	03/24/20	08/20/20	11.78%	3.76%	0.32%
26147	St. Clair	Michigan	03/24/20	08/20/20	22.31%	3.12%	0.21%
26149	St. Joseph	Michigan	03/24/20				0.51%
26151	Sanilac	Michigan	03/24/20				0.24%
26153	Schoolcraft	Michigan	03/24/20				0.30%
26155	Shiawassee	Michigan	03/24/20				0.29%
26157	Tuscola	Michigan	03/24/20	08/20/20	69.31%	3.98%	0.35%
26159	Van Buren	Michigan	03/24/20				0.49%
26161	Washtenaw	Michigan	03/24/20	08/20/20	36.46%	2.66%	0.20%
26163	Wayne	Michigan	03/24/20	08/20/20	24.75%	2.35%	0.14%
26165	Wexford	Michigan	03/29/20	08/20/20	11.55%	2.89%	0.39%
27001	Aitkin	Minnesota	03/24/20				0.58%
27003	Anoka	Minnesota	03/25/20	08/20/20	6.68%	4.27%	0.61%
27005	Becker	Minnesota	03/24/20				0.66%
27007	Beltrami	Minnesota	03/24/20				0.60%
27009	Benton	Minnesota	04/16/20	08/20/20	5.78%	3.90%	0.86%
27011	Big Stone	Minnesota	04/24/20	08/20/20	2.17%	2.27%	0.50%
27013	Blue Earth	Minnesota	03/25/20	08/20/20	9.12%	3.55%	0.57%
27015	Brown	Minnesota	03/24/20				0.43%
27017	Carlton	Minnesota	03/24/20				0.29%
27019	Carver	Minnesota	03/27/20	08/20/20	2.94%	3.22%	0.64%

	Current Growth F	Rate Compare	d to First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
27021	Cass	Minnesota	04/06/20	08/20/20	7.85%	2.98%	0.46%
27023	Chippewa	Minnesota	03/24/20				0.76%
27025	Chisago	Minnesota	03/27/20	08/20/20	-17.33%	3.21%	0.56%
27027	Clay	Minnesota	03/25/20	08/20/20	14.38%	3.73%	0.44%
27029	Clearwater	Minnesota	03/24/20				0.32%
27031	Cook	Minnesota	03/24/20				0.48%
27033	Cottonwood	Minnesota	03/24/20				0.51%
27035	Crow Wing	Minnesota	03/24/20				0.42%
27037	Dakota	Minnesota	03/25/20	08/20/20	8.72%	3.66%	0.60%
27039	Dodge	Minnesota	03/25/20	08/20/20	25.54%	2.58%	0.33%
27041	Douglas	Minnesota	03/24/20				0.73%
27043	Faribault	Minnesota	03/24/20				0.48%
27045	Fillmore	Minnesota	03/27/20	08/20/20	12.77%	2.17%	0.31%
27047	Freeborn	Minnesota	03/24/20				0.41%
27049	Goodhue	Minnesota	03/24/20				0.39%
27051	Grant	Minnesota	03/24/20				0.68%
27053	Hennepin	Minnesota	03/24/20	08/20/20	7.48%	3.55%	0.54%
27055	Houston	Minnesota	03/24/20				0.62%
27057	Hubbard	Minnesota	03/24/20				0.78%
27059	Isanti	Minnesota	03/24/20				0.55%
27061	Itasca	Minnesota	03/24/20				0.64%
27063	Jackson	Minnesota	04/17/20	08/20/20	2.77%	2.98%	0.66%
27065	Kanabec	Minnesota	03/24/20				0.69%
27067	Kandiyohi	Minnesota	03/24/20				0.88%
27069	Kittson	Minnesota	03/24/20				0.17%
27071	Koochiching	Minnesota	03/24/20				0.65%
27073	Lac qui Parle	Minnesota	03/24/20				0.38%
27075	Lake	Minnesota	03/24/20				0.59%
27077	Lake of the W	/ Minnesota	03/24/20				1.22%
27079	Le Sueur	Minnesota	03/24/20	08/20/20	18.23%	2.73%	0.40%
27081	Lincoln	Minnesota	03/24/20				0.51%
27083	Lyon	Minnesota	03/24/20				0.66%

	Current Growth	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
27085	McLeod	Minnesota	03/24/20				0.75%
27087	Mahnomen	Minnesota	03/24/20				0.51%
27089	Marshall	Minnesota	03/24/20				0.53%
27091	Martin	Minnesota	03/24/20	08/20/20	22.31%	2.20%	0.27%
27093	Meeker	Minnesota	03/24/20				0.57%
27095	Mille Lacs	Minnesota	03/24/20				0.68%
27097	Morrison	Minnesota	03/24/20				0.72%
27099	Mower	Minnesota	03/25/20	08/20/20	25.54%	3.50%	0.56%
27101	Murray	Minnesota	03/24/20				0.72%
27103	Nicollet	Minnesota	04/03/20	08/20/20	2.62%	3.27%	0.64%
27105	Nobles	Minnesota	03/24/20				1.10%
27107	Norman	Minnesota	03/24/20				0.58%
27109	Olmsted	Minnesota	03/24/20	08/20/20	15.42%	3.10%	0.38%
27111	Otter Tail	Minnesota	03/24/20				0.61%
27113	Pennington	Minnesota	03/24/20				0.68%
27115	Pine	Minnesota	03/24/20				0.49%
27117	Pipestone	Minnesota	03/24/20				0.75%
27119	Polk	Minnesota	03/24/20				0.76%
27121	Pope	Minnesota	03/24/20				0.72%
27123	Ramsey	Minnesota	03/24/20	08/20/20	3.77%	3.85%	0.60%
27125	Red Lake	Minnesota	03/24/20				0.49%
27127	Redwood	Minnesota	03/24/20				0.57%
27129	Renville	Minnesota	04/01/20	08/20/20	7.70%	2.83%	0.45%
27131	Rice	Minnesota	03/27/20	08/20/20	10.14%	4.21%	0.83%
27133	Rock	Minnesota	03/24/20				0.57%
27135	Roseau	Minnesota	03/24/20				0.61%
27137	St. Louis	Minnesota	03/24/20	08/20/20	40.55%	3.93%	
27139	Scott	Minnesota	03/24/20	08/20/20	18.23%	3.93%	0.67%
27141	Sherburne	Minnesota	03/26/20	08/20/20	36.62%	4.46%	0.66%
27143	Sibley	Minnesota	03/24/20				0.70%
27145	Stearns	Minnesota	04/03/20	08/20/20	1.66%	4.28%	0.90%
27147	Steele	Minnesota	03/29/20	08/20/20	3.04%	2.89%	0.56%

	Current Growth	Rate Compare	d to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
27149	Stevens	Minnesota	03/24/20				0.67%
27151	Swift	Minnesota	03/24/20				0.60%
27153	Todd	Minnesota	03/24/20				0.79%
27155	Traverse	Minnesota	03/24/20				0.35%
27157	Wabasha	Minnesota	03/24/20		109.86%)	0.43%
27159	Wadena	Minnesota	03/24/20				0.63%
27161	Waseca	Minnesota	03/25/20	08/20/20	34.66%	3.54%	0.63%
27163	Washington	Minnesota	03/24/20	08/20/20	26.24%	3.69%	0.52%
27165	Watonwan	Minnesota	03/24/20				0.68%
27167	Wilkin	Minnesota	03/24/20				0.29%
27169	Winona	Minnesota	03/24/20				0.37%
27171	Wright	Minnesota	03/25/20	08/20/20	25.54%	3.90%	0.62%
27173	Yellow Medic	irMinnesota	03/24/20				0.46%
28001	Adams	Mississippi	03/25/20	08/20/20	20.27%	3.90%	0.39%
28003	Alcorn	Mississippi	03/24/20				0.64%
28005	Amite	Mississippi	03/24/20				0.46%
28007	Attala	Mississippi	03/24/20	08/20/20	28.77%	3.50%	0.49%
28009	Benton	Mississippi	03/24/20				0.53%
28011	Bolivar	Mississippi	03/25/20	08/20/20	20.27%	3.86%	0.44%
28013	Calhoun	Mississippi	03/24/20				0.47%
28015	Carroll	Mississippi	03/24/20				0.54%
28017	Chickasaw	Mississippi	03/25/20	08/20/20	7.71%	3.00%	0.47%
28019	Choctaw	Mississippi	03/24/20		109.86%)	0.41%
28021	Claiborne	Mississippi	03/24/20				0.62%
28023	Clarke	Mississippi	03/24/20				0.51%
28025	Clay	Mississippi	03/26/20	08/20/20	23.10%	4.06%	0.47%
28027	Coahoma	Mississippi	03/25/20	08/20/20	21.77%	2.93%	0.47%
28029	Copiah	Mississippi	03/24/20	08/20/20	18.23%	3.54%	0.51%
28031	Covington	Mississippi	03/24/20				0.57%
28033	DeSoto	Mississippi	03/24/20	08/20/20	21.62%	3.31%	0.48%
28035	Forrest	Mississippi	03/24/20	08/20/20	6.90%	3.30%	0.45%
28037	Franklin	Mississippi	03/25/20	08/20/20	-20.27%	2.67%	0.41%

	Current Growth I	Rate Compared	I to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
28039	George	Mississippi	03/28/20	08/20/20	21.97%	4.33%	0.67%
28041	Greene	Mississippi	03/24/20				0.72%
28043	Grenada	Mississippi	03/28/20	08/20/20	8.11%	4.07%	0.66%
28045	Hancock	Mississippi	03/25/20	08/20/20	9.12%	3.00%	0.37%
28047	Harrison	Mississippi	03/24/20	08/20/20	4.08%	3.22%	0.50%
28049	Hinds	Mississippi	03/24/20	08/20/20	20.36%	3.53%	0.47%
28051	Holmes	Mississippi	03/24/20	08/20/20	15.42%	3.41%	0.46%
28053	Humphreys	Mississippi	03/27/20	08/20/20	17.33%	3.85%	0.54%
28055	Issaquena	Mississippi	03/24/20				1.24%
28057	Itawamba	Mississippi	03/31/20	08/20/20	3.60%	3.37%	0.59%
28059	Jackson	Mississippi	03/24/20	08/20/20	18.23%	3.73%	0.44%
28061	Jasper	Mississippi	03/24/20				0.51%
28063	Jefferson	Mississippi	03/24/20				0.58%
28065	Jefferson Day	viMississippi	03/24/20				0.59%
28067	Jones	Mississippi	03/27/20	08/20/20	27.47%	5.08%	0.60%
28069	Kemper	Mississippi	03/24/20				0.42%
28071	Lafayette	Mississippi	03/25/20	08/20/20	11.16%	3.30%	0.55%
28073	Lamar	Mississippi	03/25/20	08/20/20	34.66%	4.33%	0.56%
28075	Lauderdale	Mississippi	03/24/20				0.37%
28077	Lawrence	Mississippi	03/24/20	08/20/20	40.55%	3.48%	0.61%
28079	Leake	Mississippi	03/24/20	08/20/20	40.55%	4.02%	0.50%
28081	Lee	Mississippi	03/24/20	08/20/20	15.42%	3.38%	0.58%
28083	Leflore	Mississippi	03/24/20	08/20/20	26.24%	3.18%	0.49%
28085	Lincoln	Mississippi	03/25/20	08/20/20	20.27%	3.62%	0.45%
28087	Lowndes	Mississippi	03/25/20	08/20/20	14.38%	3.53%	0.57%
28089	Madison	Mississippi	03/24/20	08/20/20	19.42%	3.51%	0.48%
28091	Marion	Mississippi	03/27/20	08/20/20	27.47%	4.40%	0.52%
28093	Marshall	Mississippi	03/24/20	08/20/20	28.77%	3.78%	0.49%
28095	Monroe	Mississippi	03/28/20	08/20/20	10.22%	3.84%	0.49%
28097	Montgomery	Mississippi	03/24/20	08/20/20	69.31%	3.50%	0.50%
28099	Neshoba	Mississippi	03/24/20				0.55%
28101	Newton	Mississippi	03/30/20	08/20/20	9.90%	4.28%	0.61%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth	Rate Compared	I to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
28103	Noxubee	Mississippi	03/27/20	08/20/20	17.33%	4.15%	0.65%
28105	Oktibbeha	Mississippi	03/24/20	08/20/20	33.65%	3.68%	0.52%
28107	Panola	Mississippi	03/25/20	08/20/20	34.66%	4.26%	0.61%
28109	Pearl River	Mississippi	03/25/20	08/20/20	10.38%	2.62%	0.32%
28111	Perry	Mississippi	03/26/20	08/20/20	23.10%	3.75%	0.41%
28113	Pike	Mississippi	03/24/20	08/20/20	35.67%	3.35%	0.44%
28115	Pontotoc	Mississippi	03/25/20	08/20/20	20.27%	4.11%	0.63%
28117	Prentiss	Mississippi	03/24/20				0.56%
28119	Quitman	Mississippi	03/24/20				0.47%
28121	Rankin	Mississippi	03/24/20	08/20/20	43.08%	3.52%	0.49%
28123	Scott	Mississippi	03/24/20	08/20/20	40.55%	4.19%	0.44%
28125	Sharkey	Mississippi	03/24/20				0.64%
28127	Simpson	Mississippi	03/27/20	08/20/20	17.33%	4.52%	0.71%
28129	Smith	Mississippi	04/01/20	08/20/20	19.91%	4.06%	0.43%
28131	Stone	Mississippi	03/24/20				0.49%
28133	Sunflower	Mississippi	03/25/20	08/20/20	14.38%	3.98%	0.52%
28135	Tallahatchie	Mississippi	04/04/20	08/20/20	3.38%	3.80%	0.78%
28137	Tate	Mississippi	03/24/20	08/20/20	69.31%	4.47%	0.52%
28139	Tippah	Mississippi	03/25/20	08/20/20	12.06%	2.51%	0.38%
28141	Tishomingo	Mississippi	03/24/20				0.81%
28143	Tunica	Mississippi	03/25/20	08/20/20	25.54%	3.29%	0.45%
28145	Union	Mississippi	03/24/20	08/20/20	69.31%	4.47%	0.72%
28147	Walthall	Mississippi	03/24/20	08/20/20	40.55%	3.73%	0.50%
28149	Warren	Mississippi	03/24/20				0.66%
28151	Washington	Mississippi	03/25/20	08/20/20	29.39%	3.95%	0.53%
28153	Wayne	Mississippi	03/24/20				0.68%
28155	Webster	Mississippi	03/26/20	08/20/20	13.52%	3.29%	0.45%
28157	Wilkinson	Mississippi	03/24/20	08/20/20	22.31%	2.75%	0.27%
28159	Winston	Mississippi	03/24/20	08/20/20	40.55%	3.88%	0.52%
28161	Yalobusha	Mississippi	03/24/20				0.47%
28163	Yazoo	Mississippi	03/26/20	08/20/20	9.59%	3.81%	0.40%
29001	Adair	Missouri	03/30/20	08/20/20	9.90%	3.53%	0.43%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
29003	Andrew	Missouri	03/24/20				0.69%
29005	Atchison	Missouri	03/24/20				0.44%
29007	Audrain	Missouri	03/24/20				0.86%
29009	Barry	Missouri	03/24/20				0.75%
29011	Barton	Missouri	03/24/20				1.18%
29013	Bates	Missouri	03/28/20	08/20/20	13.86%	2.70%	0.34%
29015	Benton	Missouri	03/24/20				0.57%
29017	Bollinger	Missouri	03/24/20				0.51%
29019	Boone	Missouri	03/24/20	08/20/20	9.53%	3.01%	0.47%
29021	Buchanan	Missouri	03/24/20				0.61%
29023	Butler	Missouri	03/24/20				0.49%
29025	Caldwell	Missouri	03/24/20				0.54%
29027	Callaway	Missouri	03/26/20	08/20/20	13.52%	3.18%	0.38%
29029	Camden	Missouri	03/27/20	08/20/20	34.66%	4.06%	0.43%
29031	Cape Girard	eaMissouri	03/24/20				0.51%
29033	Carroll	Missouri	03/24/20				0.74%
29035	Carter	Missouri	03/24/20				0.38%
29037	Cass	Missouri	03/24/20	08/20/20	28.77%	3.36%	0.49%
29039	Cedar	Missouri	03/24/20				0.33%
29041	Chariton	Missouri	03/24/20				0.26%
29043	Christian	Missouri	03/24/20	08/20/20	-69.31%	3.68%	0.51%
29045	Clark	Missouri	03/24/20				0.51%
29047	Clay	Missouri	03/24/20	08/20/20	-40.55%	4.00%	0.49%
29049	Clinton	Missouri	03/29/20	08/20/20	23.10%	3.15%	0.35%
29051	Cole	Missouri	03/24/20	08/20/20	18.23%	3.28%	0.45%
29053	Cooper	Missouri	03/24/20				0.57%
29055	Crawford	Missouri	03/24/20				0.53%
29057	Dade	Missouri	03/24/20				0.83%
29059	Dallas	Missouri	03/24/20				0.56%
29061	Daviess	Missouri	03/24/20				0.34%
29063	DeKalb	Missouri	03/24/20				0.42%
29065	Dent	Missouri	03/24/20				0.92%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
29067	Douglas	Missouri	03/24/20				0.92%
29069	Dunklin	Missouri	03/25/20	08/20/20	34.66%	4.06%	0.51%
29071	Franklin	Missouri	03/24/20				0.35%
29073	Gasconade	Missouri	03/24/20				0.47%
29075	Gentry	Missouri	03/24/20				0.64%
29077	Greene	Missouri	03/24/20	08/20/20	19.11%	3.18%	0.52%
29079	Grundy	Missouri	03/24/20				0.38%
29081	Harrison	Missouri	03/24/20				0.34%
29083	Henry	Missouri	04/05/20	08/20/20	5.33%	3.08%	0.52%
29085	Hickory	Missouri	03/24/20				1.62%
29087	Holt	Missouri	03/24/20				0.61%
29089	Howard	Missouri	03/24/20				0.66%
29091	Howell	Missouri	03/24/20				0.58%
29093	Iron	Missouri	03/24/20				0.55%
29095	Jackson	Missouri	03/24/20	08/20/20			0.46%
29097	Jasper	Missouri	03/24/20	08/20/20	69.31%	5.09%	0.70%
29099	Jefferson	Missouri	03/24/20	08/20/20	22.31%	4.20%	0.43%
29101	Johnson	Missouri	03/24/20	03/24/20	69.31%	69.31%	0.40%
29103	Knox	Missouri	03/24/20				0.79%
29105	Laclede	Missouri	03/24/20				1.02%
29107	Lafayette	Missouri	03/24/20	08/20/20	69.31%	3.55%	0.31%
29109	Lawrence	Missouri	03/24/20				1.02%
29111	Lewis	Missouri	03/24/20				0.63%
29113	Lincoln	Missouri	03/24/20				0.44%
29115	Linn	Missouri	03/24/20				0.39%
29117	Livingston	Missouri	03/24/20				0.62%
29119	McDonald	Missouri	03/24/20				0.85%
29121	Macon	Missouri	03/24/20				0.53%
29123	Madison	Missouri	03/24/20				0.64%
29125	Maries	Missouri	03/24/20				0.42%
29127	Marion	Missouri	03/24/20				0.75%
29129	Mercer	Missouri	03/24/20				0.29%

	Current Growth I	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
29131	Miller	Missouri	03/24/20				0.82%
29133	Mississippi	Missouri	03/24/20				0.85%
29135	Moniteau	Missouri	03/24/20	08/20/20	69.31%	3.44%	0.55%
29137	Monroe	Missouri	03/24/20				0.78%
29139	Montgomery	Missouri	03/24/20				0.31%
29141	Morgan	Missouri	03/24/20				0.69%
29143	New Madrid	Missouri	03/24/20				0.55%
29145	Newton	Missouri	03/24/20				0.71%
29147	Nodaway	Missouri	03/24/20				0.73%
29149	Oregon	Missouri	03/24/20				0.51%
29151	Osage	Missouri	03/24/20				0.42%
29153	Ozark	Missouri	03/24/20				0.85%
29155	Pemiscot	Missouri	03/29/20	08/20/20	11.55%	3.76%	0.63%
29157	Perry	Missouri	03/25/20	08/20/20	34.66%	3.29%	0.32%
29159	Pettis	Missouri	03/24/20				0.81%
29161	Phelps	Missouri	03/24/20				0.75%
29163	Pike	Missouri	03/24/20				0.45%
29165	Platte	Missouri	03/25/20	08/20/20	45.81%	3.59%	0.42%
29167	Polk	Missouri	03/24/20				0.82%
29169	Pulaski	Missouri	03/27/20	08/20/20	5.58%	2.93%	0.52%
29171	Putnam	Missouri	03/24/20				0.77%
29173	Ralls	Missouri	03/24/20				0.66%
29175	Randolph	Missouri	03/30/20	08/20/20	9.90%	3.05%	0.38%
29177	Ray	Missouri	03/24/20				0.42%
29179	Reynolds	Missouri	03/24/20				0.33%
29181	Ripley	Missouri	03/24/20				0.49%
29183	St. Charles	Missouri	03/24/20	08/20/20	40.55%	4.30%	0.40%
29185	St. Clair	Missouri	03/24/20				0.38%
29186	Ste. Genevie	vMissouri	03/24/20				0.41%
29187	St. Francois	Missouri	03/26/20	08/20/20	23.10%	3.93%	0.53%
29189	St. Louis	Missouri	03/24/20	08/20/20	25.46%	3.44%	0.35%
29195	Saline	Missouri	03/24/20				0.46%

	Current Growth F	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
29197	Schuyler	Missouri	03/24/20				0.68%
29199	Scotland	Missouri	03/24/20				0.26%
29201	Scott	Missouri	03/27/20	08/20/20	27.47%	4.19%	0.53%
29203	Shannon	Missouri	03/24/20				0.54%
29205	Shelby	Missouri	03/24/20				0.56%
29207	Stoddard	Missouri	03/24/20				0.50%
29209	Stone	Missouri	03/24/20				0.65%
29211	Sullivan	Missouri	03/24/20				0.90%
29213	Taney	Missouri	03/27/20	08/20/20	17.33%	4.48%	0.73%
29215	Texas	Missouri	03/24/20				0.98%
29217	Vernon	Missouri	03/24/20				0.47%
29219	Warren	Missouri	03/24/20				0.46%
29221	Washington	Missouri	03/24/20				0.78%
29223	Wayne	Missouri	03/24/20				1.28%
29225	Webster	Missouri	03/24/20				0.56%
29227	Worth	Missouri	03/24/20				0.34%
29229	Wright	Missouri	03/24/20				0.36%
29510	St. Louis City	Missouri	03/24/20	08/20/20	64.87%	3.69%	0.33%
30001	Beaverhead	Montana	03/24/20				0.62%
30003	Big Horn	Montana	03/24/20				0.94%
30005	Blaine	Montana	03/24/20				1.32%
30007	Broadwater	Montana	03/24/20	08/20/20	69.31%	1.76%	0.20%
30009	Carbon	Montana	03/24/20				0.39%
30011	Carter	Montana	03/24/20				0.00%
30013	Cascade	Montana	03/25/20	08/20/20	25.54%	2.78%	0.44%
30015	Chouteau	Montana	03/24/20				0.67%
30017	Custer	Montana	03/24/20				1.10%
30019	Daniels	Montana	03/24/20				0.69%
30021	Dawson	Montana	03/24/20				1.03%
30023	Deer Lodge	Montana	03/24/20				0.35%
30025	Fallon	Montana	03/24/20				0.31%
30027	Fergus	Montana	03/24/20				0.54%

	Current Growth I	Rate Compar	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day		First Rate	Current Rate	Rate
30029	Flathead	Montana	03/24/20		22.31%	3.15%	0.40%
30031	Gallatin	Montana	03/24/20	08/20/20	40.55%	2.76%	0.29%
30033	Garfield	Montana	03/24/20				1.13%
30035	Glacier	Montana	03/24/20				0.54%
30037	Golden Valley	/ Montana	03/24/20				0.16%
30039	Granite	Montana	03/24/20				0.93%
30041	Hill	Montana	03/24/20				0.61%
30043	Jefferson	Montana	03/24/20				0.42%
30045	Judith Basin	Montana	03/24/20				0.79%
30047	Lake	Montana	03/24/20				0.54%
30049	Lewis and Cla	a Montana	03/25/20	08/20/20	25.54%	2.76%	0.36%
30051	Liberty	Montana	03/24/20				0.00%
30053	Lincoln	Montana	03/24/20				0.38%
30055	McCone	Montana	03/24/20				1.39%
30057	Madison	Montana	03/24/20	08/20/20	69.31%	3.00%	0.38%
30059	Meagher	Montana	03/24/20				0.20%
30061	Mineral	Montana	03/24/20				0.00%
30063	Missoula	Montana	03/25/20	08/20/20	7.71%	2.80%	0.39%
30065	Musselshell	Montana	03/24/20				0.29%
30067	Park	Montana	03/24/20				0.32%
30069	Petroleum	Montana	03/24/20				0.00%
30071	Phillips	Montana	03/24/20				2.94%
30073	Pondera	Montana	03/24/20				0.41%
30075	Powder River	Montana 💮	03/24/20				0.41%
30077	Powell	Montana	03/24/20				1.64%
30079	Prairie	Montana	03/24/20				0.00%
30081	Ravalli	Montana	04/03/20	08/20/20	6.30%	3.00%	0.51%
30083	Richland	Montana	03/24/20				0.42%
30085	Roosevelt	Montana	04/07/20	08/20/20	4.62%	2.29%	0.36%
30087	Rosebud	Montana	03/24/20				1.15%
30089	Sanders	Montana	03/24/20				1.09%
30091	Sheridan	Montana	03/24/20				0.60%

	Current Growth F	Rate Compared	to First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	•	Last Day	First Rate	Current Rate	Rate
30093	Silver Bow	Montana	03/24/20	08/20/20	69.31%	2.65%	
30095	Stillwater	Montana	03/24/20				0.50%
30097	Sweet Grass	Montana	03/24/20				0.99%
30099	Teton	Montana	03/24/20				0.45%
30101	Toole	Montana	03/24/20				0.09%
30103	Treasure	Montana	03/24/20				0.13%
30105	Valley	Montana	03/24/20				1.05%
30107	Wheatland	Montana	03/24/20				0.18%
30109	Wibaux	Montana	03/24/20				0.75%
30111	Yellowstone	Montana	03/24/20	08/20/20	53.90%	3.66%	0.50%
31001	Adams	Nebraska	03/27/20	08/20/20	17.33%	3.96%	0.29%
31003	Antelope	Nebraska	03/24/20				0.45%
31005	Arthur	Nebraska	03/24/20				0.00%
31007	Banner	Nebraska	03/24/20				0.29%
31009	Blaine	Nebraska	03/24/20				0.00%
31011	Boone	Nebraska	03/24/20				0.39%
31013	Box Butte	Nebraska	03/24/20				0.43%
31015	Boyd	Nebraska	03/24/20				0.54%
31017	Brown	Nebraska	03/24/20				1.69%
31019	Buffalo	Nebraska	03/26/20	08/20/20	23.10%	3.75%	0.42%
31021	Burt	Nebraska	03/24/20				0.60%
31023	Butler	Nebraska	03/24/20				0.66%
31025	Cass	Nebraska	04/07/20	08/20/20	2.70%	3.16%	0.64%
31027	Cedar	Nebraska	03/24/20				0.51%
31029	Chase	Nebraska	03/24/20				0.51%
31031	Cherry	Nebraska	03/24/20				0.24%
31033	Cheyenne	Nebraska	03/24/20				0.33%
31035	Clay	Nebraska	03/24/20				0.48%
31037	Colfax	Nebraska	03/24/20				0.76%
31039	Cuming	Nebraska	03/24/20				0.54%
31041	Custer	Nebraska	03/24/20				0.23%
31043	Dakota	Nebraska	03/24/20				1.02%

	Current Growth	Rate Compare	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
31045	Dawes	Nebraska	03/24/20				0.57%
31047	Dawson	Nebraska	03/24/20				0.65%
31049	Deuel	Nebraska	03/24/20				0.32%
31051	Dixon	Nebraska	03/24/20				0.63%
31053	Dodge	Nebraska	03/24/20				0.67%
31055	Douglas	Nebraska	03/24/20	08/20/20	9.76%	3.85%	0.59%
31057	Dundy	Nebraska	03/24/20				0.80%
31059	Fillmore	Nebraska	03/24/20				0.53%
31061	Franklin	Nebraska	03/24/20				0.31%
31063	Frontier	Nebraska	03/24/20				0.30%
31065	Furnas	Nebraska	03/24/20				0.35%
31067	Gage	Nebraska	03/29/20	08/20/20		3.13%	0.24%
31069	Garden	Nebraska	03/24/20				0.26%
31071	Garfield	Nebraska	03/24/20				0.40%
31073	Gosper	Nebraska	03/24/20				0.46%
31075	Grant	Nebraska	03/24/20				0.00%
31077	Greeley	Nebraska	03/24/20				0.37%
31079	Hall	Nebraska	03/24/20				0.36%
31081	Hamilton	Nebraska	03/24/20				0.31%
31083	Harlan	Nebraska	03/24/20				0.29%
31085	Hayes	Nebraska	03/24/20				0.00%
31087	Hitchcock	Nebraska	03/24/20				0.12%
31089	Holt	Nebraska	03/24/20				0.49%
31091	Hooker	Nebraska	03/24/20				0.24%
31093	Howard	Nebraska	03/24/20				0.51%
31095	Jefferson	Nebraska	03/24/20				0.48%
31097	Johnson	Nebraska	03/24/20				0.45%
31099	Kearney	Nebraska	03/24/20				0.51%
31101	Keith	Nebraska	03/24/20				0.66%
31103	Keya Paha	Nebraska	03/24/20				0.00%
31105	Kimball	Nebraska	03/24/20				0.08%
31107	Knox	Nebraska	05/04/20	08/20/20	1.65%	2.12%	0.49%

	Current Growth	Rate Compare	d to First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State			First Rate	Current Rate	Rate
31109	Lancaster	Nebraska	03/24/20	08/20/20	40.55%		0.63%
31111	Lincoln	Nebraska	03/29/20	08/20/20	8.51%	2.94%	0.41%
31113	Logan	Nebraska	03/24/20				3.14%
31115	Loup	Nebraska	03/24/20				0.00%
31117	McPherson	Nebraska	03/24/20				-0.09%
31119	Madison	Nebraska	03/29/20	08/20/20	11.55%	4.19%	0.72%
31121	Merrick	Nebraska	03/24/20				0.51%
31123	Morrill	Nebraska	03/24/20				0.63%
31125	Nance	Nebraska	03/24/20				0.37%
31127	Nemaha	Nebraska	05/12/20	08/20/20	1.39%	2.72%	0.62%
31129	Nuckolls	Nebraska	03/24/20				0.43%
31131	Otoe	Nebraska	03/24/20				0.67%
31133	Pawnee	Nebraska	03/24/20				1.00%
31135	Perkins	Nebraska	03/24/20				1.15%
31137	Phelps	Nebraska	03/24/20				0.59%
31139	Pierce	Nebraska	03/24/20				0.59%
31141	Platte	Nebraska	03/24/20				0.72%
31143	Polk	Nebraska	03/24/20				0.51%
31145	Red Willow	Nebraska	03/24/20				0.44%
31147	Richardson	Nebraska	03/24/20				0.64%
31149	Rock	Nebraska	03/24/20				0.51%
31151	Saline	Nebraska	03/24/20				0.97%
31153	Sarpy	Nebraska	03/26/20	08/20/20	7.44%	3.86%	0.61%
31155	Saunders	Nebraska	03/25/20	08/20/20	34.66%	3.50%	0.54%
31157	Scotts Bluff	Nebraska	03/24/20				0.47%
31159	Seward	Nebraska	03/24/20				0.73%
31161	Sheridan	Nebraska	03/24/20				0.64%
31163	Sherman	Nebraska	03/24/20				0.43%
31165	Sioux	Nebraska	03/24/20				0.42%
31167	Stanton	Nebraska	03/24/20				0.51%
31169	Thayer	Nebraska	03/24/20				0.64%
31171	Thomas	Nebraska	03/24/20				0.25%

	Current Growth I	Rate Compared to F	irst Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
31173	Thurston	Nebraska	03/24/20)			0.83%
31175	Valley	Nebraska	03/24/20)			0.48%
31177	Washington	Nebraska	03/25/20	08/20/20	14.38%	2.64%	0.31%
31179	Wayne	Nebraska	03/24/20)			0.56%
31181	Webster	Nebraska	03/24/20)			0.38%
31183	Wheeler	Nebraska	03/24/20)			0.00%
31185	York	Nebraska	03/24/20)			0.52%
32001	Churchill	Nevada	03/24/20)			0.67%
32003	Clark	Nevada	03/24/20	08/20/20	16.09%	3.71%	0.47%
32005	Douglas	Nevada	03/24/20	08/20/20	40.55%	3.15%	0.46%
32007	Elko County	Nevada	03/28/20	08/20/20	8.11%	3.91%	0.63%
32009	Esmeralda	Nevada	03/24/20)			0.00%
32011	Eureka	Nevada	03/24/20)			0.53%
32013	Humboldt	Nevada	03/24/20)			0.26%
32015	Lander	Nevada	03/24/20)			0.64%
32017	Lincoln	Nevada	03/24/20)			0.26%
32019	Lyon	Nevada	03/24/20)			0.55%
32021	Mineral	Nevada	03/24/20)			0.28%
32023	Nye	Nevada	03/31/20	08/20/20	17.33%	4.08%	0.56%
32027	Pershing	Nevada	03/24/20)			0.53%
32029	Storey	Nevada	03/24/20)			0.34%
32031	Washoe	Nevada	03/24/20	08/20/20	12.78%	3.33%	0.41%
32033	White Pine	Nevada	03/24/20)			0.46%
32510	Carson City	Nevada	03/27/20	08/20/20	22.91%	3.53%	0.47%
33001	Belknap	New Hampshire	03/25/20	08/20/20	6.68%	1.90%	0.25%
33003	Carroll	New Hampshire	03/27/20	08/20/20	3.34%	1.77%	0.19%
33005	Cheshire	New Hampshire	03/26/20	08/20/20	23.10%	3.13%	0.28%
33007	Coos	New Hampshire	03/24/20)			0.31%
33009	Grafton	New Hampshire	03/24/20	08/20/20	4.88%	1.12%	0.14%
33011	Hillsborough	New Hampshire	03/24/20	08/20/20	5.13%	3.56%	0.34%
33013	Merrimack	New Hampshire	03/25/20	08/20/20	11.16%	3.20%	0.28%
33015	Rockingham	New Hampshire	03/24/20	08/20/20	10.01%	2.55%	0.25%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth I	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
33017	Strafford	New Hampshire	03/24/20	08/20/20	22.31%	3.02%	0.27%
33019	Sullivan	New Hampshire	03/26/20	08/20/20	23.10%	2.52%	0.30%
34001	Atlantic	New Jersey	03/24/20	08/20/20	69.31%	4.27%	0.39%
34003	Bergen	New Jersey	03/24/20	08/20/20	15.56%	2.28%	0.11%
34005	Burlington	New Jersey	03/24/20	08/20/20	13.35%	3.33%	0.25%
34007	Camden	New Jersey	03/24/20	08/20/20	17.90%	3.44%	0.28%
34009	Cape May	New Jersey	03/24/20	08/20/20	28.77%	3.78%	0.26%
34011	Cumberland	New Jersey	03/24/20	08/20/20	40.55%	4.97%	0.45%
34013	Essex	New Jersey	03/24/20	08/20/20	10.80%	2.71%	0.14%
34015	Gloucester	New Jersey	03/24/20	08/20/20	19.11%	3.48%	0.27%
34017	Hudson	New Jersey	03/24/20	08/20/20	10.54%	2.97%	0.14%
34019	Hunterdon	New Jersey	03/25/20	08/20/20	22.23%	2.57%	0.19%
34021	Mercer	New Jersey	03/24/20	08/20/20	34.63%	3.30%	0.24%
34023	Middlesex	New Jersey	03/24/20	08/20/20	13.17%	2.79%	0.17%
34025	Monmouth	New Jersey	03/24/20	08/20/20	8.32%	2.40%	0.14%
34027	Morris	New Jersey	03/24/20	08/20/20	8.91%	2.39%	0.12%
34029	Ocean	New Jersey	03/24/20	08/20/20	20.97%	2.73%	0.16%
34031	Passaic	New Jersey	03/24/20	08/20/20	16.60%	2.95%	0.17%
34033	Salem	New Jersey	03/25/20	08/20/20	34.66%	4.57%	0.40%
34035	Somerset	New Jersey	03/24/20	08/20/20	13.72%	2.64%	0.16%
34037	Sussex	New Jersey	03/24/20	08/20/20	40.55%	2.88%	0.14%
34039	Union	New Jersey	03/24/20	08/20/20	6.30%	2.82%	0.14%
34041	Warren	New Jersey	03/24/20	08/20/20	18.23%	3.01%	0.17%
35001	Bernalillo	New Mexico	03/24/20	08/20/20	11.00%	3.23%	0.38%
35003	Catron	New Mexico	03/24/20				0.20%
35005	Chaves	New Mexico	03/27/20	08/20/20	13.99%	3.33%	0.51%
35006	Cibola	New Mexico	03/27/20	08/20/20	17.33%	3.98%	0.40%
35007	Colfax	New Mexico	03/24/20				0.43%
35009	Curry	New Mexico	03/28/20	08/20/20	21.97%	4.29%	0.61%
35011	De Baca	New Mexico	03/24/20				0.00%
35013	Dona Ana	New Mexico	03/26/20	08/20/20	6.92%	3.56%	0.59%
35015	Eddy	New Mexico	03/24/20				0.63%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
35017	Grant	New Mexico	03/24/20				0.31%
35019	Guadalupe	New Mexico	03/24/20				0.53%
35021	Harding	New Mexico	03/24/20				0.11%
35023	Hidalgo	New Mexico	03/24/20				0.90%
35025	Lea	New Mexico	03/27/20	08/20/20	17.33%	4.61%	0.92%
35027	Lincoln	New Mexico	03/24/20				0.75%
35028	Los Alamos	New Mexico	03/24/20				0.23%
35029	Luna	New Mexico	03/24/20				0.72%
35031	McKinley	New Mexico	03/27/20	08/20/20	12.77%	4.82%	0.49%
35033	Mora	New Mexico	03/24/20				0.76%
35035	Otero	New Mexico	03/24/20				0.58%
35037	Quay	New Mexico	03/24/20				0.60%
35039	Rio Arriba	New Mexico	03/24/20				0.57%
35041	Roosevelt	New Mexico	03/24/20				0.77%
35043	Sandoval	New Mexico	03/24/20	08/20/20	13.35%	3.42%	0.24%
35045	San Juan	New Mexico	03/24/20	08/20/20	13.35%	4.07%	0.44%
35047	San Miguel	New Mexico	04/14/20	08/20/20	3.15%	2.74%	0.62%
35049	Santa Fe	New Mexico	03/24/20	08/20/20	19.42%	2.65%	0.34%
35051	Sierra	New Mexico	03/24/20				0.60%
35053	Socorro	New Mexico	03/30/20	08/20/20	5.79%	2.43%	0.26%
35055	Taos	New Mexico	03/27/20	08/20/20	24.52%	2.43%	0.30%
35057	Torrance	New Mexico	03/24/20				0.27%
35059	Union	New Mexico	03/24/20				0.55%
35061	Valencia	New Mexico	03/24/20				0.49%
36001	Albany	New York	03/24/20	08/20/20	4.03%	1.94%	0.25%
36003	Allegany	New York	03/28/20	08/20/20	21.97%	2.49%	0.18%
36005	Bronx	New York	03/24/20				0.00%
36007	Broome	New York	03/24/20	08/20/20	20.07%	3.27%	0.34%
36009	Cattaraugus	New York	03/24/20				0.27%
36011	Cayuga	New York	03/29/20	08/20/20	6.76%	2.94%	0.26%
36013	Chautauqua	New York	03/27/20	08/20/20	22.91%	3.29%	0.40%
36015	Chemung	New York	03/25/20	08/20/20	42.36%	2.78%	0.17%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
36017	Chenango	New York	03/26/20	08/20/20	9.59%	2.87%	0.18%
36019	Clinton	New York	03/24/20	08/20/20	51.08%	2.08%	0.18%
36021	Columbia	New York	03/24/20	08/20/20	5.41%	2.29%	0.28%
36023	Cortland	New York	03/24/20	08/20/20	40.55%	2.59%	0.23%
36025	Delaware	New York	03/24/20	08/20/20	51.08%	2.40%	0.16%
36027	Dutchess	New York	03/24/20	08/20/20	21.02%	2.43%	0.14%
36029	Erie	New York	03/24/20	08/20/20	6.78%	2.94%	0.26%
36031	Essex	New York	03/24/20	08/20/20	28.77%	2.23%	0.31%
36033	Franklin	New York	03/24/20				0.23%
36035	Fulton	New York	03/31/20	08/20/20	8.66%	3.82%	0.38%
36037	Genesee	New York	03/24/20	08/20/20	69.31%	3.78%	0.21%
36039	Greene	New York	03/25/20	08/20/20	11.16%	2.89%	0.28%
36041	Hamilton	New York	04/08/20	08/20/20	2.53%	1.19%	0.22%
36043	Herkimer	New York	03/24/20	08/20/20	22.31%	2.85%	0.31%
36045	Jefferson	New York	03/25/20	08/20/20	34.66%	2.85%	0.17%
36047	Kings	New York	03/24/20				0.00%
36049	Lewis	New York	03/24/20				0.30%
36051	Livingston	New York	03/27/20	08/20/20	30.10%	2.72%	0.25%
36053	Madison	New York	03/24/20	08/20/20	55.96%	3.12%	0.21%
36055	Monroe	New York	03/24/20	08/20/20	10.72%	2.60%	0.28%
36057	Montgomery	New York	03/24/20	08/20/20	28.77%	2.78%	0.28%
36059	Nassau	New York	03/24/20	08/20/20	13.54%	1.82%	0.09%
36061	New York City	New York	03/24/20	08/20/20	18.07%	1.83%	0.11%
36063	Niagara	New York	03/24/20	08/20/20	18.23%	3.36%	0.30%
36065	Oneida	New York	03/25/20	08/20/20	13.12%	3.61%	0.35%
36067	Onondaga	New York	03/24/20	08/20/20	30.01%	2.76%	0.29%
36069	Ontario	New York	03/24/20	08/20/20	40.55%	2.75%	0.27%
36071	Orange	New York	03/24/20	08/20/20	24.77%	2.08%	0.12%
36073	Orleans	New York	03/24/20				0.34%
36075	Oswego	New York	03/25/20	08/20/20	34.66%	3.29%	0.29%
36077	Otsego	New York	03/24/20	08/20/20	69.31%	3.21%	0.15%
36079	Putnam	New York	03/24/20	08/20/20	2.41%	1.92%	0.15%

	Current Growth F	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
36081	Queens	New York	03/24/20				0.00%
36083	Rensselaer	New York	03/25/20	08/20/20	14.38%	2.13%	0.31%
36085	Richmond	New York	03/24/20				0.00%
36087	Rockland	New York	03/24/20	08/20/20	36.65%	2.03%	0.09%
36089	St. Lawrence	New York	03/25/20	08/20/20	69.31%	3.72%	0.16%
36091	Saratoga	New York	03/24/20	08/20/20	18.86%	1.82%	0.21%
36093	Schenectady	New York	03/24/20	08/20/20	22.31%	2.18%	0.26%
36095	Schoharie	New York	03/24/20	08/20/20	69.31%	2.82%	0.26%
36097	Schuyler	New York	03/24/20				0.23%
36099	Seneca	New York	03/24/20				0.26%
36101	Steuben	New York	03/25/20	08/20/20	15.92%	2.43%	0.10%
36103	Suffolk	New York	03/24/20	08/20/20	18.41%	2.11%	0.11%
36105	Sullivan	New York	03/24/20	08/20/20	52.81%	2.78%	0.21%
36107	Tioga	New York	03/25/20	08/20/20	34.66%	3.54%	0.30%
36109	Tompkins	New York	03/24/20	08/20/20	11.78%	1.82%	0.11%
36111	Ulster	New York	03/24/20	08/20/20	61.90%	2.73%	0.17%
36113	Warren	New York	03/26/20	08/20/20	46.21%	3.37%	0.27%
36115	Washington	New York	03/24/20	08/20/20	28.77%	2.98%	0.30%
36117	Wayne	New York	03/24/20	08/20/20	15.42%	2.54%	0.27%
36119	Westchester	New York	03/24/20	08/20/20	18.70%	1.49%	0.09%
36121	Wyoming	New York	03/25/20	08/20/20	27.98%	2.27%	0.20%
36123	Yates	New York	03/24/20				0.48%
37001	Alamance	North Carolina	03/25/20	08/20/20	14.38%	4.56%	0.64%
37003	Alexander	North Carolina	03/24/20				0.77%
37005	Alleghany	North Carolina	03/24/20				0.67%
37007	Anson	North Carolina	03/24/20				0.55%
37009	Ashe	North Carolina	03/24/20				0.56%
37011	Avery	North Carolina	03/24/20				0.97%
37013	Beaufort	North Carolina	03/24/20	08/20/20	40.55%	3.65%	0.54%
37015	Bertie	North Carolina	03/24/20		109.86%		0.51%
37017	Bladen	North Carolina	03/24/20				0.96%
37019	Brunswick	North Carolina	03/25/20	08/20/20	4.77%	3.27%	0.54%

	Current Growth	Rate Compared to	First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State			First Rate	Current Rate	Rate
37021	Buncombe	North Carolina	03/25/20	08/20/20	11.16%	3.48%	0.61%
37023	Burke	North Carolina	03/24/20				0.50%
37025	Cabarrus	North Carolina	03/24/20	08/20/20	18.23%		0.48%
37027	Caldwell	North Carolina	03/24/20		109.86%		0.64%
37029	Camden	North Carolina	03/24/20				0.74%
37031	Carteret	North Carolina	03/27/20	08/20/20	8.41%	2.94%	0.45%
37033	Caswell	North Carolina	03/24/20				0.63%
37035	Catawba	North Carolina	03/25/20	08/20/20	40.55%	4.26%	0.64%
37037	Chatham	North Carolina	03/24/20	08/20/20	69.31%	4.10%	0.45%
37039	Cherokee	North Carolina	03/28/20	08/20/20	8.11%	2.98%	0.53%
37041	Chowan	North Carolina	03/24/20				0.61%
37043	Clay	North Carolina	03/24/20				0.44%
37045	Cleveland	North Carolina	03/24/20				0.54%
37047	Columbus	North Carolina	03/24/20				0.52%
37049	Craven	North Carolina	03/26/20	08/20/20	9.59%	3.77%	0.53%
37051	Cumberland	North Carolina	03/24/20	08/20/20	47.00%	4.39%	0.56%
37053	Currituck	North Carolina	03/24/20				0.50%
37055	Dare	North Carolina	03/24/20				0.43%
37057	Davidson	North Carolina	03/25/20	08/20/20	14.38%	4.33%	0.47%
37059	Davie	North Carolina	03/26/20	08/20/20	23.10%	4.08%	0.46%
37061	Duplin	North Carolina	03/31/20	08/20/20	8.66%	5.08%	0.72%
37063	Durham	North Carolina	03/24/20	08/20/20	4.14%	3.01%	0.47%
37065	Edgecombe	North Carolina	03/24/20				0.54%
37067	Forsyth	North Carolina	03/24/20	08/20/20	6.90%	4.01%	0.58%
37069	Franklin	North Carolina	03/24/20	08/20/20	22.31%	3.66%	0.40%
37071	Gaston	North Carolina	03/24/20	08/20/20	40.55%	4.56%	0.57%
37073	Gates	North Carolina	03/24/20				0.43%
37075	Graham	North Carolina	03/24/20				0.65%
37077	Granville	North Carolina	03/26/20	08/20/20	36.62%	4.83%	0.41%
37079	Greene	North Carolina	03/24/20				0.53%
37081	Guilford	North Carolina	03/24/20	08/20/20	31.85%	3.98%	0.58%
37083	Halifax	North Carolina	03/24/20				0.54%

	Current Growth F	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
37085	Harnett	North Carolina	03/24/20	08/20/20	10.54%	3.40%	0.53%
37087	Haywood	North Carolina	03/24/20				0.74%
37089	Henderson	North Carolina	03/25/20	08/20/20	54.93%	4.47%	0.46%
37091	Hertford	North Carolina	03/24/20	08/20/20	69.31%	4.05%	0.70%
37093	Hoke	North Carolina	03/24/20	08/20/20	69.31%	4.45%	0.56%
37095	Hyde	North Carolina	03/29/20	08/20/20		2.82%	0.71%
37097	Iredell	North Carolina	03/24/20	08/20/20	20.07%	3.64%	0.51%
37099	Jackson	North Carolina	04/02/20	08/20/20	6.93%	4.09%	0.80%
37101	Johnston	North Carolina	03/24/20	08/20/20	69.31%	4.52%	0.54%
37103	Jones	North Carolina	03/24/20				0.44%
37105	Lee	North Carolina	03/25/20	08/20/20	34.66%	4.81%	0.66%
37107	Lenoir	North Carolina	03/24/20	08/20/20	69.31%	4.36%	0.58%
37109	Lincoln	North Carolina	03/28/20	08/20/20	21.97%	4.59%	0.62%
37111	McDowell	North Carolina	03/27/20	08/20/20	22.91%	3.95%	0.56%
37113	Macon	North Carolina	03/24/20				0.92%
37115	Madison	North Carolina	03/24/20				0.66%
37117	Martin	North Carolina	03/24/20				0.58%
37119	Mecklenburg	North Carolina	03/24/20	08/20/20	18.00%	3.41%	0.48%
37121	Mitchell	North Carolina	03/24/20				0.45%
37123	Montgomery	North Carolina	03/25/20	08/20/20	54.93%	4.42%	0.62%
37125	Moore	North Carolina	03/25/20	08/20/20	20.27%	4.24%	0.40%
37127	Nash	North Carolina	03/30/20	08/20/20	11.58%	3.91%	0.56%
37129	New Hanover	North Carolina	03/25/20	08/20/20	16.82%	3.76%	0.57%
37131	Northampton	North Carolina	03/25/20	08/20/20	54.93%	3.86%	0.24%
37133	Onslow	North Carolina	03/24/20	08/20/20	28.77%	4.05%	0.55%
37135	Orange	North Carolina	03/24/20	08/20/20	77.32%	3.78%	0.38%
37137	Pamlico	North Carolina	03/24/20				0.40%
37139	Pasquotank	North Carolina	03/28/20	08/20/20	13.86%	4.12%	0.51%
37141	Pender	North Carolina	03/24/20				0.73%
37143	Perquimans	North Carolina	03/24/20				0.49%
37145	Person	North Carolina	03/24/20				0.52%
37147	Pitt	North Carolina	03/25/20	08/20/20	14.38%	4.02%	0.56%

	Current Growth F	Rate Compared to	First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
37149	Polk	North Carolina	03/24/20				0.46%
37151	Randolph	North Carolina	03/26/20	08/20/20	32.69%	4.43%	0.57%
37153	Richmond	North Carolina	03/24/20				0.62%
37155	Robeson	North Carolina	03/30/20	08/20/20	5.79%	4.91%	0.88%
37157	Rockingham	North Carolina	03/24/20				0.60%
37159	Rowan	North Carolina	03/24/20	08/20/20	18.23%	4.13%	0.46%
37161	Rutherford	North Carolina	03/24/20				0.47%
37163	Sampson	North Carolina	04/02/20	08/20/20	6.93%	4.89%	0.73%
37165	Scotland	North Carolina	03/28/20	08/20/20	13.86%	4.19%	0.61%
37167	Stanly	North Carolina	03/24/20				0.66%
37169	Stokes	North Carolina	03/24/20				0.51%
37171	Surry	North Carolina	03/24/20				0.69%
37173	Swain	North Carolina	03/24/20				0.62%
37175	Transylvania	North Carolina	03/24/20	08/20/20	69.31%	3.55%	0.52%
37177	Tyrrell	North Carolina	03/24/20				0.59%
37179	Union	North Carolina	03/24/20	08/20/20	24.51%	3.53%	0.53%
37181	Vance	North Carolina	03/24/20	08/20/20	69.31%	4.49%	0.55%
37183	Wake	North Carolina	03/24/20	08/20/20	10.08%	3.54%	0.50%
37185	Warren	North Carolina	03/24/20				0.66%
37187	Washington	North Carolina	03/24/20				0.36%
37189	Watauga	North Carolina	03/26/20	08/20/20	17.03%	3.20%	0.57%
37191	Wayne	North Carolina	03/24/20	08/20/20	40.55%	4.79%	0.54%
37193	Wilkes	North Carolina	03/24/20				0.85%
37195	Wilson	North Carolina	03/24/20	08/20/20	40.55%	4.00%	0.48%
37197	Yadkin	North Carolina	03/24/20				0.55%
37199	Yancey	North Carolina	03/24/20				0.77%
38001	Adams	North Dakota	03/24/20				0.63%
38003	Barnes	North Dakota	03/24/20				0.50%
38005	Benson	North Dakota	03/24/20				0.83%
38007	Billings	North Dakota	03/24/20				0.41%
38009	Bottineau	North Dakota	03/24/20				0.64%
38011	Bowman	North Dakota	03/24/20				0.40%

	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day		First Rate	Current Rate	Rate
38013	Burke	North Dakota	03/24/20				0.36%
38015	Burleigh	North Dakota	03/25/20	08/20/20	10.03%	3.00%	0.52%
38017	Cass	North Dakota	03/24/20	08/20/20	69.31%	4.65%	0.50%
38019	Cavalier	North Dakota	03/24/20				1.03%
38021	Dickey	North Dakota	03/24/20				0.70%
38023	Divide	North Dakota	03/24/20				0.24%
38025	Dunn	North Dakota	04/09/20	08/20/20	4.08%	2.41%	0.45%
38027	Eddy	North Dakota	03/24/20				0.47%
38029	Emmons	North Dakota	03/24/20				0.36%
38031	Foster	North Dakota	03/24/20				0.49%
38033	Golden Valley	North Dakota	03/24/20				1.48%
38035	Grand Forks	North Dakota	03/24/20				0.68%
38037	Grant	North Dakota	03/24/20				0.32%
38039	Griggs	North Dakota	03/24/20				0.75%
38041	Hettinger	North Dakota	03/24/20				0.81%
38043	Kidder	North Dakota	03/24/20				0.85%
38045	LaMoure	North Dakota	03/24/20				0.71%
38047	Logan	North Dakota	03/24/20				0.90%
38049	McHenry	North Dakota	03/24/20				0.60%
38051	McIntosh	North Dakota	03/24/20				0.55%
38053	McKenzie	North Dakota	03/24/20				0.42%
38055	McLean	North Dakota	03/24/20				0.61%
38057	Mercer	North Dakota	03/24/20				0.44%
38059	Morton	North Dakota	03/24/20	08/20/20	13.35%	2.87%	0.50%
38061	Mountrail	North Dakota	03/24/20				0.30%
38063	Nelson	North Dakota	03/24/20				0.52%
38065	Oliver	North Dakota	03/24/20				0.32%
38067	Pembina	North Dakota	03/24/20				0.54%
38069	Pierce	North Dakota	05/06/20	08/20/20	0.92%	1.57%	0.35%
38071	Ramsey	North Dakota	03/24/20		109.86%		0.52%
38073	Ransom	North Dakota	03/24/20				0.58%
38075	Renville	North Dakota	03/24/20				0.39%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth	Rate Compared	o First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
38077	Richland	North Dakota	03/24/20				0.61%
38079	Rolette	North Dakota	03/24/20				0.68%
38081	Sargent	North Dakota	03/24/20				0.37%
38083	Sheridan	North Dakota	03/24/20				0.54%
38085	Sioux	North Dakota	03/24/20				0.69%
38087	Slope	North Dakota	03/24/20				0.08%
38089	Stark	North Dakota	03/24/20				0.43%
38091	Steele	North Dakota	03/24/20				0.56%
38093	Stutsman	North Dakota	03/24/20				0.73%
38095	Towner	North Dakota	03/24/20				0.72%
38097	Traill	North Dakota	03/24/20				0.76%
38099	Walsh	North Dakota	04/05/20	08/20/20	8.45%	6 3.28%	0.56%
38101	Ward	North Dakota	03/26/20	08/20/20	9.59%	6 3.20%	0.45%
38103	Wells	North Dakota	03/24/20				0.52%
38105	Williams	North Dakota	03/24/20				0.55%
39001	Adams	Ohio	03/24/20				0.48%
39003	Allen	Ohio	03/24/20				0.51%
39005	Ashland	Ohio	03/26/20	08/20/20	36.62%	6 3.39%	
39007	Ashtabula	Ohio	03/26/20		17.03%	6 3.52%	
39009	Athens	Ohio	03/24/20				0.77%
39011	Auglaize	Ohio	03/24/20				0.49%
39013	Belmont	Ohio	03/24/20		40.55%	6 3.88%	
39015	Brown	Ohio	03/24/20				0.53%
39017	Butler	Ohio	03/25/20				
39019	Carroll	Ohio	03/28/20				
39021	Champaign	Ohio	03/25/20				
39023	Clark	Ohio	03/28/20				
39025	Clermont	Ohio	03/25/20				
39027	Clinton	Ohio	03/24/20				
39029	Columbiana	Ohio	03/24/20				
39031	Coshocton	Ohio	03/24/20		28.77%	6 2.83%	
39033	Crawford	Ohio	03/27/20	08/20/20	17.33%	6 3.49%	0.36%

Data starts from 03/25/20. First day of county level reporting.

	Current Growth	Rate Compar	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
39035	Cuyahoga	Ohio	03/24/20	08/20/20	20.99%	2.99%	0.38%
39037	Darke	Ohio	03/28/20	08/20/20	21.97%	4.16%	0.39%
39039	Defiance	Ohio	03/26/20	08/20/20	30.54%	3.01%	0.42%
39041	Delaware	Ohio	03/24/20	08/20/20	8.70%	3.27%	0.41%
39043	Erie	Ohio	03/24/20	08/20/20	69.31%	4.36%	0.64%
39045	Fairfield	Ohio	03/24/20	08/20/20	91.63%	4.44%	0.44%
39047	Fayette	Ohio	03/24/20				0.44%
39049	Franklin	Ohio	03/24/20	08/20/20	15.98%	3.73%	0.45%
39051	Fulton	Ohio	03/24/20				0.48%
39053	Gallia	Ohio	04/01/20	08/20/20	12.21%	3.08%	0.51%
39055	Geauga	Ohio	03/24/20	08/20/20	-22.31%	3.18%	0.33%
39057	Greene	Ohio	03/30/20	08/20/20	9.90%	3.77%	0.51%
39059	Guernsey	Ohio	03/24/20				0.44%
39061	Hamilton	Ohio	03/24/20	08/20/20	23.36%	3.74%	0.44%
39063	Hancock	Ohio	03/25/20	08/20/20	34.66%	4.09%	0.48%
39065	Hardin	Ohio	03/24/20				0.54%
39067	Harrison	Ohio	03/24/20				0.50%
39069	Henry	Ohio	03/24/20				0.76%
39071	Highland	Ohio	03/31/20	08/20/20	8.66%	3.47%	0.50%
39073	Hocking	Ohio	03/24/20				0.61%
39075	Holmes	Ohio	03/24/20				0.69%
39077	Huron	Ohio	03/25/20	08/20/20	20.27%	3.62%	0.52%
39079	Jackson	Ohio	03/24/20				0.63%
39081	Jefferson	Ohio	03/24/20				0.35%
39083	Knox	Ohio	03/24/20	08/20/20	69.31%	3.63%	0.47%
39085	Lake	Ohio	03/24/20	08/20/20	24.12%	3.14%	0.36%
39087	Lawrence	Ohio	03/24/20				0.47%
39089	Licking	Ohio	03/24/20	08/20/20	40.55%	4.41%	0.43%
39091	Logan	Ohio	03/27/20	08/20/20	10.14%	3.09%	0.51%
39093	Lorain	Ohio	03/24/20	08/20/20	20.97%	2.79%	0.36%
39095	Lucas	Ohio	03/24/20	08/20/20	57.05%	4.09%	0.37%
39097	Madison	Ohio	03/24/20	08/20/20	69.31%	4.30%	0.51%

	Current Growth I	Rate Compared to Firs	t Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
39099	Mahoning	Ohio	03/24/20	08/20/20	40.55%	3.06%	0.28%
39101	Marion	Ohio	03/26/20	08/20/20	7.44%	4.41%	0.59%
39103	Medina	Ohio	03/24/20	08/20/20	38.30%	2.83%	0.34%
39105	Meigs	Ohio	03/24/20				0.66%
39107	Mercer	Ohio	03/24/20				0.61%
39109	Miami	Ohio	03/25/20	08/20/20	2.56%	2.62%	0.33%
39111	Monroe	Ohio	03/24/20				0.55%
39113	Montgomery	Ohio	03/24/20	08/20/20	33.65%	4.13%	0.48%
39115	Morgan	Ohio	03/24/20				0.45%
39117	Morrow	Ohio	03/24/20				0.48%
39119	Muskingum	Ohio	03/24/20				0.53%
39121	Noble	Ohio	03/24/20				0.45%
39123	Ottawa	Ohio	03/24/20				0.55%
39125	Paulding	Ohio	03/24/20				0.40%
39127	Perry	Ohio	03/24/20				0.48%
39129	Pickaway	Ohio	03/24/20				0.55%
39131	Pike	Ohio	03/24/20				0.67%
39133	Portage	Ohio	03/25/20	08/20/20	34.66%	3.54%	0.27%
39135	Preble	Ohio	03/24/20				0.46%
39137	Putnam	Ohio	03/24/20				0.82%
39139	Richland	Ohio	03/27/20	08/20/20	5.58%	3.41%	0.43%
39141	Ross	Ohio	03/24/20				0.53%
39143	Sandusky	Ohio	03/27/20	08/20/20	17.33%	4.10%	0.58%
39145	Scioto	Ohio	03/24/20				0.64%
39147	Seneca	Ohio	03/29/20	08/20/20	18.31%	3.76%	0.53%
39149	Shelby	Ohio	03/24/20				0.36%
39151	Stark	Ohio	03/25/20	08/20/20	10.38%	3.39%	0.39%
39153	Summit	Ohio	03/24/20	08/20/20	15.42%	3.14%	0.41%
39155	Trumbull	Ohio	03/24/20	08/20/20	81.09%	4.03%	0.34%
39157	Tuscarawas	Ohio	03/27/20	08/20/20	12.77%	3.74%	0.50%
39159	Union	Ohio	03/24/20	08/20/20	40.55%	3.38%	0.52%
39161	Van Wert	Ohio	03/24/20				0.54%

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day		First Rate	Current Rate	Rate
39163	Vinton	Ohio	03/24/20				0.40%
39165	Warren	Ohio	03/24/20	08/20/20	13.35%	3.79%	0.49%
39167	Washington	Ohio	03/26/20	08/20/20	23.10%	3.60%	0.24%
39169	Wayne	Ohio	03/24/20				0.38%
39171	Williams	Ohio	03/24/20				0.57%
39173	Wood	Ohio	03/24/20	08/20/20	40.55%	4.27%	0.46%
39175	Wyandot	Ohio	03/24/20				0.43%
40001	Adair	Oklahoma	03/24/20				0.41%
40003	Alfalfa	Oklahoma	03/24/20				0.37%
40005	Atoka	Oklahoma	03/24/20				0.68%
40007	Beaver	Oklahoma	03/24/20				0.55%
40009	Beckham	Oklahoma	03/24/20				0.70%
40011	Blaine	Oklahoma	03/24/20				0.72%
40013	Bryan	Oklahoma	03/24/20				0.77%
40015	Caddo	Oklahoma	03/24/20				0.59%
40017	Canadian	Oklahoma	03/24/20	08/20/20	22.31%	3.90%	0.48%
40019	Carter	Oklahoma	03/24/20				0.88%
40021	Cherokee	Oklahoma	03/24/20				0.52%
40023	Choctaw	Oklahoma	03/24/20				0.70%
40025	Cimarron	Oklahoma	03/24/20				0.42%
40027	Cleveland	Oklahoma	03/24/20	08/20/20	20.48%	3.37%	0.39%
40029	Coal	Oklahoma	03/24/20				0.80%
40031	Comanche	Oklahoma	03/24/20				0.47%
40033	Cotton	Oklahoma	03/24/20				0.26%
40035	Craig	Oklahoma	03/24/20				0.40%
40037	Creek	Oklahoma	03/24/20				0.39%
40039	Custer	Oklahoma	03/24/20	08/20/20	40.55%	3.24%	0.60%
40041	Delaware	Oklahoma	03/24/20				0.34%
40043	Dewey	Oklahoma	03/24/20				0.43%
40045	Ellis	Oklahoma	03/24/20				0.55%
40047	Garfield	Oklahoma	03/24/20				0.74%
40049	Garvin	Oklahoma	03/28/20	08/20/20	13.86%	3.22%	0.47%

	Current Growth	Rate Compared	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
40051	Grady	Oklahoma	03/25/20	08/20/20	34.66%	4.13%	0.56%
40053	Grant	Oklahoma	03/24/20				0.35%
40055	Greer	Oklahoma	03/24/20				0.08%
40057	Harmon	Oklahoma	03/24/20				1.03%
40059	Harper	Oklahoma	03/24/20				0.44%
40061	Haskell	Oklahoma	03/24/20				0.67%
40063	Hughes	Oklahoma	03/24/20				1.19%
40065	Jackson	Oklahoma	03/31/20	08/20/20	8.66%	4.21%	0.65%
40067	Jefferson	Oklahoma	03/24/20				0.52%
40069	Johnston	Oklahoma	03/24/20				0.53%
40071	Kay	Oklahoma	03/25/20	08/20/20	39.42%	2.69%	0.29%
40073	Kingfisher	Oklahoma	03/24/20				0.57%
40075	Kiowa	Oklahoma	03/24/20				0.54%
40077	Latimer	Oklahoma	03/24/20				0.52%
40079	Le Flore	Oklahoma	03/24/20				0.77%
40081	Lincoln	Oklahoma	03/24/20				0.47%
40083	Logan	Oklahoma	03/24/20		109.86%)	0.54%
40085	Love	Oklahoma	03/24/20				0.56%
40087	McClain	Oklahoma	03/25/20	08/20/20	34.66%	4.17%	0.50%
40089	McCurtain	Oklahoma	03/24/20				0.85%
40091	McIntosh	Oklahoma	03/24/20				0.80%
40093	Major	Oklahoma	03/24/20				0.55%
40095	Marshall	Oklahoma	03/24/20				0.71%
40097	Mayes	Oklahoma	03/25/20	08/20/20	34.66%	3.97%	0.51%
40099	Murray	Oklahoma	03/24/20				0.69%
40101	Muskogee	Oklahoma	03/25/20	08/20/20	69.31%	4.31%	0.52%
40103	Noble	Oklahoma	03/26/20	08/20/20	13.52%	2.56%	0.41%
40105	Nowata	Oklahoma	03/24/20				0.31%
40107	Okfuskee	Oklahoma	03/24/20				0.66%
40109	Oklahoma	Oklahoma	03/24/20	08/20/20	29.38%	3.80%	0.50%
40111	Okmulgee	Oklahoma	03/24/20				0.56%
40113	Osage	Oklahoma	03/24/20				0.39%

	Current Growth F	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
40115	Ottawa	Oklahoma	03/24/20				0.48%
40117	Pawnee	Oklahoma	03/24/20	08/20/20	55.96%	2.56%	0.31%
40119	Payne	Oklahoma	03/25/20	08/20/20	25.54%	3.78%	0.52%
40121	Pittsburg	Oklahoma	03/24/20				0.62%
40123	Pontotoc	Oklahoma	03/26/20	08/20/20	23.10%	3.60%	0.47%
40125	Pottawatomie	Oklahoma	03/24/20				0.51%
40127	Pushmataha	Oklahoma	03/24/20				0.79%
40129	Roger Mills	Oklahoma	03/24/20				1.06%
40131	Rogers	Oklahoma	03/24/20				0.57%
40133	Seminole	Oklahoma	03/24/20				0.57%
40135	Sequoyah	Oklahoma	03/24/20				0.63%
40137	Stephens	Oklahoma	03/24/20				0.42%
40139	Texas	Oklahoma	03/24/20				0.87%
40141	Tillman	Oklahoma	03/24/20				0.61%
40143	Tulsa	Oklahoma	03/24/20	08/20/20	81.09%	4.61%	0.54%
40145	Wagoner	Oklahoma	03/24/20				0.41%
40147	Washington	Oklahoma	03/24/20	08/20/20	40.55%	3.93%	0.28%
40149	Washita	Oklahoma	03/24/20				0.60%
40151	Woods	Oklahoma	03/24/20				0.49%
40153	Woodward	Oklahoma	03/24/20				0.63%
41001	Baker	Oregon	03/24/20				0.75%
41003	Benton	Oregon	03/24/20	08/20/20	40.55%	2.59%	0.33%
41005	Clackamas	Oregon	03/24/20	08/20/20	21.13%	3.10%	0.40%
41007	Clatsop	Oregon	03/25/20	08/20/20	34.66%	3.01%	0.40%
41009	Columbia	Oregon	03/24/20				0.37%
41011	Coos	Oregon	03/24/20				0.68%
41013	Crook	Oregon	03/24/20				0.58%
41015	Curry	Oregon	03/24/20				0.28%
41017	Deschutes	Oregon	03/25/20	08/20/20	20.27%	2.79%	0.37%
41019	Douglas	Oregon	03/24/20		109.86%)	0.36%
41021	Gilliam	Oregon	03/24/20				0.52%
41023	Grant	Oregon	07/21/20	08/20/20	0.58%	0.92%	0.31%

	Current Growth	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
41025	Harney	Oregon	03/24/20				0.40%
41027	Hood River	Oregon	03/28/20	08/20/20	13.86%	3.60%	0.59%
41029	Jackson	Oregon	03/24/20	08/20/20	28.77%	3.59%	0.41%
41031	Jefferson	Oregon	03/24/20				0.91%
41033	Josephine	Oregon	03/24/20	08/20/20	69.31%	3.34%	0.32%
41035	Klamath	Oregon	03/26/20	08/20/20	23.10%	3.60%	0.32%
41037	Lake	Oregon	03/24/20				0.61%
41039	Lane	Oregon	03/24/20	08/20/20	22.31%	3.39%	0.43%
41041	Lincoln	Oregon	03/24/20				0.69%
41043	Linn	Oregon	03/24/20	08/20/20	17.44%	1.88%	0.29%
41045	Malheur	Oregon	03/24/20				0.82%
41047	Marion	Oregon	03/24/20	08/20/20	29.55%	3.12%	0.38%
41049	Morrow	Oregon	03/24/20				0.65%
41051	Multnomah	Oregon	03/24/20	08/20/20	27.76%	3.60%	0.41%
41053	Polk	Oregon	03/25/20	08/20/20	34.66%	3.24%	0.38%
41055	Sherman	Oregon	03/24/20				0.41%
41057	Tillamook	Oregon	03/24/20				0.33%
41059	Umatilla	Oregon	03/26/20	08/20/20	13.52%	4.76%	0.74%
41061	Union	Oregon	04/01/20	08/20/20	12.21%	4.01%	0.68%
41063	Wallowa	Oregon	03/24/20				0.45%
41065	Wasco	Oregon	03/24/20				0.44%
41067	Washington	Oregon	03/24/20	08/20/20	23.36%	2.55%	0.35%
41069	Wheeler	Oregon	03/24/20				0.00%
41071	Yamhill	Oregon	03/24/20	08/20/20	15.42%	3.03%	0.47%
42001	Adams	Pennsylvania	03/25/20	08/20/20	7.71%	3.03%	0.36%
42003	Allegheny	Pennsylvania	03/24/20	08/20/20			0.36%
42005	Armstrong	Pennsylvania	03/27/20	08/20/20	17.33%	3.73%	0.35%
42007	Beaver	Pennsylvania	03/24/20	08/20/20	84.73%	4.14%	0.35%
42009	Bedford	Pennsylvania	03/24/20				0.54%
42011	Berks	Pennsylvania	03/24/20	08/20/20	22.31%	3.92%	0.25%
42013	Blair	Pennsylvania	03/24/20				0.54%
42015	Bradford	Pennsylvania	03/25/20	08/20/20	34.66%	3.03%	0.24%

	Current Growth I	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
42017	Bucks	Pennsylvania	03/24/20	08/20/20	22.02%	3.13%	0.27%
42019	Butler	Pennsylvania	03/24/20	08/20/20	69.31%	3.21%	0.26%
42021	Cambria	Pennsylvania	03/29/20	08/20/20	11.55%	4.02%	0.53%
42023	Cameron	Pennsylvania	03/24/20				0.31%
42025	Carbon	Pennsylvania	03/25/20	08/20/20	34.66%	4.01%	0.20%
42027	Centre	Pennsylvania	03/24/20	08/20/20	13.35%	2.71%	0.26%
42029	Chester	Pennsylvania	03/24/20	08/20/20	30.01%	3.27%	0.33%
42031	Clarion	Pennsylvania	03/24/20				0.27%
42033	Clearfield	Pennsylvania	03/24/20	08/20/20	69.31%	3.55%	0.46%
42035	Clinton	Pennsylvania	03/24/20				0.40%
42037	Columbia	Pennsylvania	03/25/20	08/20/20	54.93%	4.15%	0.23%
42039	Crawford	Pennsylvania	03/24/20				0.37%
42041	Cumberland	Pennsylvania	03/25/20	08/20/20	7.16%	3.13%	0.38%
42043	Dauphin	Pennsylvania	03/24/20	08/20/20	91.63%	4.43%	0.38%
42045	Delaware	Pennsylvania	03/24/20	08/20/20	18.43%	3.18%	0.26%
42047	Elk	Pennsylvania	03/24/20				0.50%
42049	Erie	Pennsylvania	03/26/20	08/20/20	11.22%	3.69%	0.51%
42051	Fayette	Pennsylvania	03/24/20	08/20/20	69.31%	3.86%	0.38%
42053	Forest	Pennsylvania	03/24/20				0.14%
42055	Franklin	Pennsylvania	03/24/20	08/20/20	51.08%	4.12%	0.46%
42057	Fulton	Pennsylvania	03/24/20				0.51%
42059	Greene	Pennsylvania	03/24/20				0.26%
42061	Huntingdon	Pennsylvania	03/24/20				0.52%
42063	Indiana	Pennsylvania	03/24/20				0.34%
42065	Jefferson	Pennsylvania	03/24/20				0.56%
42067	Juniata	Pennsylvania	03/29/20	08/20/20	18.31%	3.30%	0.19%
42069	Lackawanna	Pennsylvania	03/24/20	08/20/20	18.23%	3.26%	0.22%
42071	Lancaster	Pennsylvania	03/24/20	08/20/20	18.23%	4.31%	0.31%
42073	Lawrence	Pennsylvania	03/24/20				0.33%
42075	Lebanon	Pennsylvania	03/25/20	08/20/20	14.38%	4.21%	0.26%
42077	Lehigh	Pennsylvania	03/24/20	08/20/20	34.17%	3.50%	0.16%
42079	Luzerne	Pennsylvania	03/24/20	08/20/20	25.13%	3.44%	0.14%

	Current Growth I	Rate Compared t	o First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
42081	Lycoming	Pennsylvania	03/24/20)			0.44%
42083	McKean	Pennsylvania	03/24/20)			0.42%
42085	Mercer	Pennsylvania	03/25/20	08/20/20	20.27%	3.70%	0.38%
42087	Mifflin	Pennsylvania	03/24/20)			0.36%
42089	Monroe	Pennsylvania	03/24/20	08/20/20	12.52%	2.42%	0.10%
42091	Montgomery	Pennsylvania	03/24/20	08/20/20	32.02%	2.80%	0.23%
42093	Montour	Pennsylvania	03/24/20	08/20/20	28.77%	2.47%	0.17%
42095	Northampton	Pennsylvania	03/24/20	08/20/20	28.77%	3.21%	0.19%
42097	Northumberla	ırPennsylvania	03/24/20)			0.41%
42099	Perry	Pennsylvania	03/24/20)			0.35%
42101	Philadelphia	Pennsylvania	03/24/20	08/20/20	30.54%	3.25%	0.24%
42103	Pike	Pennsylvania	03/24/20	08/20/20	69.31%	3.26%	0.13%
42105	Potter	Pennsylvania	03/27/20	08/20/20	17.33%	2.06%	0.26%
42107	Schuylkill	Pennsylvania	03/24/20	08/20/20	33.65%	3.51%	0.24%
42109	Snyder	Pennsylvania	03/24/20)			0.30%
42111	Somerset	Pennsylvania	03/24/20	08/20/20	69.31%	3.34%	0.38%
42113	Sullivan	Pennsylvania	03/24/20	1			0.34%
42115	Susquehanna	a Pennsylvania	03/24/20)			0.33%
42117	Tioga	Pennsylvania	03/24/20)			0.19%
42119	Union	Pennsylvania	03/24/20)			0.43%
42121	Venango	Pennsylvania	03/24/20)			0.36%
42123	Warren	Pennsylvania	03/24/20)			0.47%
42125	Washington	Pennsylvania	03/24/20	08/20/20	10.54%	3.11%	0.39%
42127	Wayne	Pennsylvania	03/25/20	08/20/20	20.27%	2.50%	0.14%
42129	Westmorelan	dPennsylvania	03/24/20	08/20/20	37.47%	3.36%	0.30%
42131	Wyoming	Pennsylvania	03/24/20)			0.27%
42133	York	Pennsylvania	03/24/20	08/20/20	10.54%	3.42%	0.34%
44001	Bristol	Rhode Island	03/25/20	08/20/20	-69.31%	1.75%	0.31%
44003	Kent	Rhode Island	03/25/20	08/20/20	12.57%	3.62%	0.33%
44005	Newport	Rhode Island	03/25/20	08/20/20	14.38%	2.55%	0.25%
44007	Providence	Rhode Island	03/25/20	08/20/20	27.98%	3.83%	0.37%
44009	Washington	Rhode Island	03/25/20	08/20/20	22.09%	2.86%	0.23%

	Current Growth I	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
45001	Abbeville	South Carolina	03/24/20		109.86%)	0.55%
45003	Aiken	South Carolina	03/26/20	08/20/20	36.62%	4.67%	0.56%
45005	Allendale	South Carolina	03/24/20				0.59%
45007	Anderson	South Carolina	03/24/20	08/20/20	17.19%	3.44%	0.49%
45009	Bamberg	South Carolina	03/24/20				0.63%
45011	Barnwell	South Carolina	03/24/20				0.68%
45013	Beaufort	South Carolina	03/24/20	08/20/20	16.71%	3.54%	0.47%
45015	Berkeley	South Carolina	03/24/20	08/20/20	22.31%	4.69%	0.59%
45017	Calhoun	South Carolina	03/28/20	08/20/20	13.86%	3.99%	0.64%
45019	Charleston	South Carolina	03/24/20	08/20/20	36.77%	3.93%	0.54%
45021	Cherokee	South Carolina	03/24/20				0.66%
45023	Chester	South Carolina	03/27/20	08/20/20	17.33%	4.44%	0.55%
45025	Chesterfield	South Carolina	03/24/20		109.86%)	0.55%
45027	Clarendon	South Carolina	03/26/20	08/20/20	6.08%	3.49%	0.35%
45029	Colleton	South Carolina	03/26/20	08/20/20	23.10%	4.51%	0.58%
45031	Darlington	South Carolina	03/28/20	08/20/20	4.46%	3.50%	0.54%
45033	Dillon	South Carolina	04/08/20	08/20/20	6.87%	4.37%	0.73%
45035	Dorchester	South Carolina	03/24/20	08/20/20	28.77%	4.68%	0.57%
45037	Edgefield	South Carolina	03/28/20	08/20/20	13.86%	3.98%	0.56%
45039	Fairfield	South Carolina	03/24/20	08/20/20	40.55%	3.80%	0.49%
45041	Florence	South Carolina	03/26/20	08/20/20	26.28%	4.45%	0.60%
45043	Georgetown	South Carolina	03/26/20	08/20/20	13.52%	4.47%	0.59%
45045	Greenville	South Carolina	03/24/20	08/20/20	24.85%	3.79%	0.52%
45047	Greenwood	South Carolina	03/27/20	08/20/20	10.14%	4.47%	0.68%
45049	Hampton	South Carolina	03/24/20				0.63%
45051	Horry	South Carolina	03/24/20	08/20/20	5.13%	4.11%	0.63%
45053	Jasper	South Carolina	03/26/20	08/20/20	13.52%	3.86%	0.59%
45055	Kershaw	South Carolina	03/24/20	08/20/20	8.27%	2.16%	0.32%
45057	Lancaster	South Carolina	03/24/20	08/20/20	-15.42%	3.57%	0.46%
45059	Laurens	South Carolina	03/24/20				0.69%
45061	Lee	South Carolina	03/27/20	08/20/20	22.91%	3.81%	0.46%
45063	Lexington	South Carolina	03/24/20	08/20/20	-5.41%	3.77%	0.48%

	Current Growth F	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
45065	McCormick	South Carolina	03/24/20				0.63%
45067	Marion	South Carolina	03/24/20				0.69%
45069	Marlboro	South Carolina	03/28/20	08/20/20	13.86%	4.29%	0.56%
45071	Newberry	South Carolina	03/27/20	08/20/20	17.33%	4.54%	0.64%
45073	Oconee	South Carolina	03/26/20	08/20/20	13.52%	4.09%	0.62%
45075	Orangeburg	South Carolina	03/24/20	08/20/20	11.78%	3.88%	0.63%
45077	Pickens	South Carolina	03/24/20		179.18%		0.63%
45079	Richland	South Carolina	03/24/20	08/20/20	27.09%	3.59%	0.44%
45081	Saluda	South Carolina	04/01/20	08/20/20	7.70%	4.14%	0.65%
45083	Spartanburg	South Carolina	03/24/20	08/20/20	81.09%	4.71%	0.49%
45085	Sumter	South Carolina	03/24/20	08/20/20	22.31%	3.88%	0.43%
45087	Union	South Carolina	03/24/20				0.44%
45089	Williamsburg	South Carolina	03/24/20				0.63%
45091	York	South Carolina	03/24/20	08/20/20	49.25%	3.92%	0.50%
46003	Aurora	South Dakota	03/24/20				0.55%
46005	Beadle	South Dakota	03/25/20	08/20/20	3.71%	2.56%	0.51%
46007	Bennett	South Dakota	03/24/20				0.67%
46009	Bon Homme	South Dakota	04/05/20	08/20/20	5.33%	2.39%	0.33%
46011	Brookings	South Dakota	03/31/20	08/20/20	8.66%	3.42%	0.47%
46013	Brown	South Dakota	03/24/20	08/20/20	69.31%	4.17%	0.54%
46015	Brule	South Dakota	03/24/20				0.58%
46017	Buffalo	South Dakota	03/24/20				0.78%
46019	Butte	South Dakota	03/24/20				1.39%
46021	Campbell	South Dakota	03/24/20				0.51%
46023	Charles Mix	South Dakota	04/03/20	08/20/20	6.30%	3.17%	0.50%
46025	Clark	South Dakota	03/24/20				0.43%
46027	Clay	South Dakota	03/24/20				0.50%
46029	Codington	South Dakota	03/27/20	08/20/20	17.33%	3.52%	0.43%
46031	Corson	South Dakota	03/24/20				0.58%
46033	Custer	South Dakota	03/24/20				1.08%
46035	Davison	South Dakota	04/01/20	08/20/20	4.51%	2.63%	0.53%
46037	Day	South Dakota	03/24/20				0.53%

	Current Growth	Rate Compared t	o First Day Growth R	ate	Confirm	ned Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
46039	Deuel	South Dakota	03/24/20				0.52%
46041	Dewey	South Dakota	03/24/20				0.71%
46043	Douglas	South Dakota	03/24/20				0.52%
46045	Edmunds	South Dakota	03/24/20				0.72%
46047	Fall River	South Dakota	03/24/20				0.47%
46049	Faulk	South Dakota	03/24/20				0.49%
46051	Grant	South Dakota	03/24/20				0.53%
46053	Gregory	South Dakota	03/24/20				0.53%
46055	Haakon	South Dakota	03/24/20				0.43%
46057	Hamlin	South Dakota	03/24/20				0.55%
46059	Hand	South Dakota	03/24/20				0.42%
46061	Hanson	South Dakota	03/24/20				0.74%
46063	Harding	South Dakota	03/24/20				0.00%
46065	Hughes	South Dakota	03/31/20		8.669	% 3.09%	0.45%
46067	Hutchinson	South Dakota	03/24/20				0.42%
46069	Hyde	South Dakota	03/24/20				0.24%
46071	Jackson	South Dakota	03/24/20				0.51%
46073	Jerauld	South Dakota	03/24/20				0.38%
46075	Jones	South Dakota	03/24/20				0.45%
46077	Kingsbury	South Dakota	03/24/20				0.65%
46079	Lake	South Dakota	03/24/20				0.58%
46081	Lawrence	South Dakota	03/24/20				0.39%
46083	Lincoln	South Dakota	03/24/20				0.42%
46085	Lyman	South Dakota	04/06/20				
46087	McCook	South Dakota	04/14/20		1.849	% 1.95%	0.53%
46089	McPherson	South Dakota	03/24/20				0.37%
46091	Marshall	South Dakota	03/24/20				0.40%
46093	Meade	South Dakota	03/24/20				0.76%
46095	Mellette	South Dakota	03/24/20				0.86%
46097	Miner	South Dakota	03/24/20				0.40%
46099	Minnehaha	South Dakota	03/24/20		95.55%	% 4.58%	0.33%
46101	Moody	South Dakota	03/24/20				0.55%

	Current Growth	Rate Compared t	o First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
46102	Oglala Lakot	a South Dakota	03/24/20				0.75%
46103	Pennington	South Dakota	03/26/20	08/20/20	36.62%	6 4.60%	0.74%
46105	Perkins	South Dakota	03/24/20				0.96%
46107	Potter	South Dakota	03/24/20				0.82%
46109	Roberts	South Dakota	03/24/20				0.46%
46111	Sanborn	South Dakota	03/24/20				0.38%
46115	Spink	South Dakota	03/24/20				0.37%
46117	Stanley	South Dakota	03/24/20				0.48%
46119	Sully	South Dakota	03/24/20				0.31%
46121	Todd	South Dakota	03/24/20				0.63%
46123	Tripp	South Dakota	03/24/20				0.58%
46125	Turner	South Dakota	03/24/20				0.39%
46127	Union	South Dakota	03/24/20				0.60%
46129	Walworth	South Dakota	03/24/20				0.51%
46135	Yankton	South Dakota	03/24/20				0.32%
46137	Ziebach	South Dakota	03/24/20				0.68%
47001	Anderson	Tennessee	03/24/20		109.86%	6	0.64%
47003	Bedford	Tennessee	03/24/20				0.59%
47005	Benton	Tennessee	03/24/20				0.59%
47007	Bledsoe	Tennessee	03/24/20				0.81%
47009	Blount	Tennessee	03/25/20	08/20/20	14.38%	6 4.22%	0.54%
47011	Bradley	Tennessee	03/24/20	08/20/20	40.55%	6 4.69%	0.64%
47013	Campbell	Tennessee	03/26/20	08/20/20	23.10%	6 3.32%	0.50%
47015	Cannon	Tennessee	03/24/20				0.48%
47017	Carroll	Tennessee	03/26/20	08/20/20	9.59%	6 3.36%	0.57%
47019	Carter	Tennessee	03/24/20				0.81%
47021	Cheatham	Tennessee	03/24/20	08/20/20	33.65%	6 3.27%	0.53%
47023	Chester	Tennessee	03/25/20	08/20/20	34.66%	6 3.84%	0.59%
47025	Claiborne	Tennessee	03/25/20	08/20/20	34.66%	6 3.87%	0.62%
47027	Clay	Tennessee	03/24/20				0.58%
47029	Cocke	Tennessee	04/06/20	08/20/20	4.95%	6 4.25%	0.78%
47031	Coffee	Tennessee	03/24/20				0.61%

	Current Growth I	Rate Compared	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
47033	Crockett	Tennessee	03/24/20				0.66%
47035	Cumberland	Tennessee	03/25/20	08/20/20	34.66%	3.60%	0.41%
47037	Davidson	Tennessee	03/24/20	08/20/20	1.57%	3.00%	0.42%
47039	Decatur	Tennessee	03/24/20				0.72%
47041	DeKalb	Tennessee	03/24/20				0.57%
47043	Dickson	Tennessee	03/25/20	08/20/20	16.82%	3.41%	0.49%
47045	Dyer	Tennessee	03/25/20	08/20/20	20.27%	4.00%	0.56%
47047	Fayette	Tennessee	03/24/20	08/20/20	40.55%	4.00%	0.48%
47049	Fentress	Tennessee	03/24/20				0.65%
47051	Franklin	Tennessee	03/25/20	08/20/20	34.66%	4.01%	0.44%
47053	Gibson	Tennessee	03/28/20	08/20/20	8.11%	4.12%	0.57%
47055	Giles	Tennessee	03/24/20				0.73%
47057	Grainger	Tennessee	03/24/20				0.61%
47059	Greene	Tennessee	03/24/20	08/20/20	33.65%	3.28%	0.50%
47061	Grundy	Tennessee	03/27/20	08/20/20	17.33%	3.29%	0.27%
47063	Hamblen	Tennessee	03/31/20	08/20/20	5.07%	4.44%	0.88%
47065	Hamilton	Tennessee	03/24/20		117.87%)	0.64%
47067	Hancock	Tennessee	03/24/20				0.90%
47069	Hardeman	Tennessee	03/24/20				0.75%
47071	Hardin	Tennessee	03/31/20	08/20/20	8.66%	4.24%	0.84%
47073	Hawkins	Tennessee	03/24/20				0.50%
47075	Haywood	Tennessee	03/24/20				0.60%
47077	Henderson	Tennessee	03/24/20				0.88%
47079	Henry	Tennessee	03/24/20				0.62%
47081	Hickman	Tennessee	03/24/20				0.75%
47083	Houston	Tennessee	03/24/20		109.86%	•	0.47%
47085	Humphreys	Tennessee	03/24/20				0.53%
47087	Jackson	Tennessee	03/24/20				0.54%
47089	Jefferson	Tennessee	03/26/20	08/20/20	7.44%	3.43%	0.57%
47091	Johnson	Tennessee	03/24/20				0.78%
47093	Knox	Tennessee	03/24/20	08/20/20	28.77%	3.95%	0.52%
47095	Lake	Tennessee	03/24/20				0.79%

	Current Growth I	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
47097	Lauderdale	Tennessee	03/24/20				0.65%
47099	Lawrence	Tennessee	03/24/20				0.60%
47101	Lewis	Tennessee	03/24/20				0.60%
47103	Lincoln	Tennessee	03/31/20	08/20/20		3.95%	0.57%
47105	Loudon	Tennessee	03/24/20	08/20/20	40.55%	4.02%	0.59%
47107	McMinn	Tennessee	03/25/20	08/20/20	20.27%	3.89%	0.76%
47109	McNairy	Tennessee	03/24/20				0.59%
47111	Macon	Tennessee	03/24/20				0.54%
47113	Madison	Tennessee	03/24/20	08/20/20	69.31%	4.88%	0.48%
47115	Marion	Tennessee	03/25/20	08/20/20	34.66%	3.77%	0.37%
47117	Marshall	Tennessee	03/24/20				0.60%
47119	Maury	Tennessee	03/24/20	08/20/20	15.42%	3.69%	0.57%
47121	Meigs	Tennessee	03/24/20				0.56%
47123	Monroe	Tennessee	03/27/20	08/20/20	10.14%	3.78%	0.64%
47125	Montgomery	Tennessee	03/26/20	08/20/20	13.52%	3.96%	0.47%
47127	Moore	Tennessee	03/24/20				0.67%
47129	Morgan	Tennessee	03/24/20				0.53%
47131	Obion	Tennessee	03/24/20				0.71%
47133	Overton	Tennessee	03/27/20	08/20/20	17.33%	3.87%	0.63%
47135	Perry	Tennessee	03/26/20	08/20/20	23.10%	3.04%	0.51%
47137	Pickett	Tennessee	03/24/20				0.72%
47139	Polk	Tennessee	03/24/20				0.60%
47141	Putnam	Tennessee	03/24/20	08/20/20	11.78%	3.71%	0.47%
47143	Rhea	Tennessee	03/24/20				0.99%
47145	Roane	Tennessee	03/28/20	08/20/20	13.86%	4.23%	0.70%
47147	Robertson	Tennessee	03/24/20	08/20/20	22.31%	3.31%	0.45%
47149	Rutherford	Tennessee	03/24/20	08/20/20	37.95%	4.23%	0.51%
47151	Scott	Tennessee	03/26/20	08/20/20	23.10%	3.34%	0.43%
47153	Sequatchie	Tennessee	03/24/20				0.72%
47155	Sevier	Tennessee	03/25/20	08/20/20	20.27%	4.65%	0.68%
47157	Shelby	Tennessee	03/24/20	08/20/20	23.05%	3.49%	0.45%
47159	Smith	Tennessee	03/24/20				0.57%

	Current Growth	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
47161	Stewart	Tennessee	03/24/20				0.46%
47163	Sullivan	Tennessee	03/25/20	08/20/20	34.66%	4.30%	0.55%
47165	Sumner	Tennessee	03/24/20	08/20/20	5.72%	3.15%	0.32%
47167	Tipton	Tennessee	03/25/20	08/20/20	14.38%	3.59%	0.49%
47169	Trousdale	Tennessee	03/24/20				0.68%
47171	Unicoi	Tennessee	03/24/20				0.79%
47173	Union	Tennessee	03/24/20				0.62%
47175	Van Buren	Tennessee	03/24/20				0.60%
47177	Warren	Tennessee	03/24/20				0.77%
47179	Washington	Tennessee	03/25/20	08/20/20	12.57%	3.60%	0.53%
47181	Wayne	Tennessee	03/24/20				0.72%
47183	Weakley	Tennessee	03/24/20				0.73%
47185	White	Tennessee	03/24/20				0.73%
47187	Williamson	Tennessee	03/24/20	08/20/20	3.08%	2.77%	0.38%
47189	Wilson	Tennessee	03/24/20	08/20/20	35.67%	3.95%	0.44%
48001	Anderson	Texas	03/24/20				0.98%
48003	Andrews	Texas	03/24/20				0.50%
48005	Angelina	Texas	03/24/20				0.70%
48007	Aransas	Texas	03/24/20				0.66%
48009	Archer	Texas	03/24/20				0.72%
48011	Armstrong	Texas	03/24/20				0.36%
48013	Atascosa	Texas	04/05/20	08/20/20	3.12%	3.71%	0.60%
48015	Austin	Texas	03/24/20				0.54%
48017	Bailey	Texas	03/24/20				0.93%
48019	Bandera	Texas	03/24/20				0.58%
48021	Bastrop	Texas	03/25/20	08/20/20	34.66%	4.88%	0.60%
48023	Baylor	Texas	03/24/20				0.36%
48025	Bee	Texas	03/24/20				0.97%
48027	Bell	Texas	03/24/20	08/20/20	5.41%	3.68%	0.57%
48029	Bexar	Texas	03/25/20	08/20/20	9.84%	4.32%	0.61%
48031	Blanco	Texas	04/03/20	08/20/20	6.30%	3.23%	0.50%
48033	Borden	Texas	03/24/20				0.00%

	Current Growth F	Rate Compared to	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48035	Bosque	Texas	03/24/20				0.79%
48037	Bowie	Texas	03/26/20	08/20/20	23.10%	4.50%	0.48%
48039	Brazoria	Texas	03/25/20	08/20/20	16.57%	3.81%	0.54%
48041	Brazos	Texas	03/24/20	08/20/20	27.19%	3.73%	0.52%
48043	Brewster	Texas	03/24/20				0.89%
48045	Briscoe	Texas	03/24/20				0.41%
48047	Brooks	Texas	03/24/20				0.83%
48049	Brown	Texas	03/25/20	08/20/20	20.27%	3.58%	0.55%
48051	Burleson	Texas	03/24/20				0.56%
48053	Burnet	Texas	03/28/20	08/20/20	13.86%	4.26%	0.68%
48055	Caldwell	Texas	03/24/20				0.78%
48057	Calhoun	Texas	03/24/20				0.54%
48059	Callahan	Texas	03/24/20				0.59%
48061	Cameron	Texas	03/24/20	08/20/20	15.42%	5.37%	0.68%
48063	Camp	Texas	03/24/20				0.66%
48065	Carson	Texas	03/24/20				0.44%
48067	Cass	Texas	03/24/20				0.56%
48069	Castro	Texas	03/24/20	08/20/20	91.63%	3.12%	0.45%
48071	Chambers	Texas	03/25/20	08/20/20	34.66%	4.66%	0.54%
48073	Cherokee	Texas	03/24/20				0.80%
48075	Childress	Texas	03/24/20				0.61%
48077	Clay	Texas	03/24/20				0.50%
48079	Cochran	Texas	03/24/20				0.57%
48081	Coke	Texas	03/24/20				0.67%
48083	Coleman	Texas	03/24/20				0.61%
48085	Collin	Texas	03/24/20	08/20/20	16.36%	3.64%	0.46%
48087	Collingsworth	Texas	03/24/20				0.48%
48089	Colorado	Texas	03/24/20				0.60%
48091	Comal	Texas	03/24/20	08/20/20	33.65%	4.08%	0.62%
48093	Comanche	Texas	03/24/20				0.62%
48095	Concho	Texas	03/24/20				0.55%
48097	Cooke	Texas	03/24/20				0.84%

	Current Growth	Rate Comp	ared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48099	Coryell	Texas	03/24/20				0.46%
48101	Cottle	Texas	03/24/20				0.46%
48103	Crane	Texas	03/29/20	08/20/20	11.55%	2.83%	0.52%
48105	Crockett	Texas	03/24/20				1.23%
48107	Crosby	Texas	03/24/20				0.64%
48109	Culberson	Texas	03/24/20				0.91%
48111	Dallam	Texas	03/24/20				0.78%
48113	Dallas	Texas	03/24/20	08/20/20	37.95%	3.99%	0.54%
48115	Dawson	Texas	03/24/20				0.50%
48117	Deaf Smith	Texas	03/25/20	08/20/20	34.66%	4.42%	0.69%
48119	Delta	Texas	03/24/20				0.43%
48121	Denton	Texas	03/24/20	08/20/20	29.42%	3.64%	0.44%
48123	DeWitt	Texas	03/24/20	08/20/20	69.31%	4.44%	0.66%
48125	Dickens	Texas	03/24/20				0.26%
48127	Dimmit	Texas	03/24/20				0.75%
48129	Donley	Texas	03/24/20				0.12%
48131	Duval	Texas	03/24/20				0.81%
48133	Eastland	Texas	03/25/20	08/20/20	34.66%	3.08%	0.52%
48135	Ector	Texas	03/24/20				0.68%
48137	Edwards	Texas	03/24/20				0.91%
48139	Ellis	Texas	03/24/20	08/20/20	15.42%	4.24%	0.59%
48141	El Paso	Texas	03/24/20	08/20/20	47.00%	5.04%	0.63%
48143	Erath	Texas	03/28/20	08/20/20	13.86%	4.28%	0.58%
48145	Falls	Texas	04/25/20	08/20/20	2.10%	3.34%	0.74%
48147	Fannin	Texas	04/02/20	08/20/20	6.93%	3.97%	0.69%
48149	Fayette	Texas	03/30/20	08/20/20	9.90%	4.06%	0.55%
48151	Fisher	Texas	03/24/20				0.76%
48153	Floyd	Texas	03/24/20				0.66%
48155	Foard	Texas	03/24/20				0.47%
48157	Fort Bend	Texas	03/25/20	08/20/20	31.29%	3.80%	0.49%
48159	Franklin	Texas	03/24/20				0.67%
48161	Freestone	Texas	03/24/20				0.89%

	Current Growth	Rate Comp	ared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48163	Frio	Texas	03/24/20				0.94%
48165	Gaines	Texas	04/12/20	08/20/20	3.47%	3.61%	0.80%
48167	Galveston	Texas	03/24/20	08/20/20	20.07%	4.23%	0.50%
48169	Garza	Texas	03/24/20				0.78%
48171	Gillespie	Texas	03/24/20				0.77%
48173	Glasscock	Texas	03/24/20				0.30%
48175	Goliad	Texas	03/24/20				0.49%
48177	Gonzales	Texas	03/24/20				0.88%
48179	Gray	Texas	03/24/20				0.43%
48181	Grayson	Texas	03/28/20	08/20/20	8.11%	4.34%	0.65%
48183	Gregg	Texas	03/24/20		109.86%)	0.56%
48185	Grimes	Texas	03/30/20	08/20/20	5.79%	4.11%	0.72%
48187	Guadalupe	Texas	03/25/20	08/20/20	40.55%	4.09%	0.53%
48189	Hale	Texas	03/24/20				0.75%
48191	Hall	Texas	03/24/20				0.55%
48193	Hamilton	Texas	03/24/20				0.51%
48195	Hansford	Texas	03/24/20				0.67%
48197	Hardeman	Texas	03/24/20				0.66%
48199	Hardin	Texas	03/26/20	08/20/20	23.10%	4.27%	0.44%
48201	Harris	Texas	03/24/20	08/20/20	32.25%	4.39%	0.49%
48203	Harrison	Texas	03/24/20				0.57%
48205	Hartley	Texas	03/24/20				0.71%
48207	Haskell	Texas	03/24/20				0.76%
48209	Hays	Texas	03/24/20	08/20/20	35.67%	4.41%	0.61%
48211	Hemphill	Texas	03/24/20				0.58%
48213	Henderson	Texas	03/24/20				0.63%
48215	Hidalgo	Texas	03/24/20		125.28%)	0.72%
48217	Hill	Texas	03/24/20				0.55%
48219	Hockley	Texas	03/24/20	08/20/20	51.08%	2.91%	0.43%
48221	Hood	Texas	03/24/20				0.60%
48223	Hopkins	Texas	03/29/20	08/20/20	11.55%	3.63%	0.60%
48225	Houston	Texas	03/24/20				0.79%

	Current Growth	Rate Com _l	pared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48227	Howard	Texas	03/24/20				0.88%
48229	Hudspeth	Texas	03/24/20				0.77%
48231	Hunt	Texas	03/29/20	08/20/20	18.31%	4.80%	0.64%
48233	Hutchinson	Texas	03/24/20				0.62%
48235	Irion	Texas	03/24/20				0.52%
48237	Jack	Texas	03/24/20				0.70%
48239	Jackson	Texas	03/24/20				0.70%
48241	Jasper	Texas	03/24/20				0.61%
48243	Jeff Davis	Texas	03/24/20				0.68%
48245	Jefferson	Texas	03/25/20	08/20/20	7.71%	4.65%	0.62%
48247	Jim Hogg	Texas	03/24/20				0.68%
48249	Jim Wells	Texas	03/24/20				0.90%
48251	Johnson	Texas	03/24/20	08/20/20	40.55%	4.72%	0.66%
48253	Jones	Texas	03/24/20				0.84%
48255	Karnes	Texas	03/24/20				0.87%
48257	Kaufman	Texas	03/24/20				0.68%
48259	Kendall	Texas	03/25/20	08/20/20	54.93%	3.50%	0.42%
48261	Kenedy	Texas	03/24/20				0.66%
48263	Kent	Texas	03/24/20				0.91%
48265	Kerr	Texas	03/24/20				0.79%
48267	Kimble	Texas	03/24/20				0.49%
48269	King	Texas	03/24/20				0.00%
48271	Kinney	Texas	03/24/20				0.69%
48273	Kleberg	Texas	03/24/20				0.82%
48275	Knox	Texas	03/24/20				0.59%
48277	Lamar	Texas	03/28/20		21.97%	4.43%	0.67%
48279	Lamb	Texas	03/24/20				0.81%
48281	Lampasas	Texas	03/24/20				0.62%
48283	La Salle	Texas	03/24/20				0.89%
48285	Lavaca	Texas	03/27/20		27.47%	4.33%	0.75%
48287	Lee	Texas	03/24/20				0.66%
48289	Leon	Texas	03/24/20				0.59%

	Current Growth F	Rate Compared to F	irst Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48291	Liberty	Texas	03/26/20	08/20/20	23.10%	4.76%	0.65%
48293	Limestone	Texas	03/24/20				0.54%
48295	Lipscomb	Texas	03/24/20				0.41%
48297	Live Oak	Texas	03/24/20				0.67%
48299	Llano	Texas	03/25/20	08/20/20	34.66%	3.04%	0.51%
48301	Loving	Texas	03/24/20				0.00%
48303	Lubbock	Texas	03/24/20	08/20/20	8.00%	4.22%	0.48%
48305	Lynn	Texas	03/24/20				0.39%
48307	McCulloch	Texas	03/24/20				0.47%
48309	McLennan	Texas	03/25/20	08/20/20	7.71%	3.63%	0.65%
48311	McMullen	Texas	03/24/20				1.12%
48313	Madison	Texas	03/24/20				0.98%
48315	Marion	Texas	03/24/20				0.57%
48317	Martin	Texas	03/24/20				0.51%
48319	Mason	Texas	03/24/20				0.62%
48321	Matagorda	Texas	03/24/20	08/20/20	40.55%	3.57%	0.43%
48323	Maverick	Texas	04/01/20	08/20/20	12.21%	5.24%	0.86%
48325	Medina	Texas	03/26/20	08/20/20	36.62%	4.65%	0.66%
48327	Menard	Texas	03/24/20				0.92%
48329	Midland	Texas	03/24/20	08/20/20	28.77%	4.62%	0.68%
48331	Milam	Texas	04/04/20	08/20/20	3.38%	3.53%	0.59%
48333	Mills	Texas	03/24/20				0.65%
48335	Mitchell	Texas	03/24/20				0.63%
48337	Montague	Texas	03/24/20				0.59%
48339	Montgomery	Texas	03/24/20	08/20/20	29.85%	3.89%	0.51%
48341	Moore	Texas	03/24/20				0.57%
48343	Morris	Texas	03/24/20				0.56%
48345	Motley	Texas	03/24/20				0.27%
48347	Nacogdoches	Texas	03/24/20				0.49%
48349	Navarro	Texas	03/24/20				0.68%
48351	Newton	Texas	03/24/20				0.64%
48353	Nolan	Texas	03/24/20				0.80%

	Current Growth	Rate Con	pared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48355	Nueces	Texas	03/24/20	08/20/20	51.08%	5.33%	0.80%
48357	Ochiltree	Texas	03/24/20				0.74%
48359	Oldham	Texas	03/26/20	08/20/20	23.10%	1.76%	0.28%
48361	Orange	Texas	03/29/20	08/20/20	26.82%	4.96%	0.54%
48363	Palo Pinto	Texas	03/24/20				0.72%
48365	Panola	Texas	03/24/20				0.47%
48367	Parker	Texas	03/25/20	08/20/20	34.66%	4.90%	0.71%
48369	Parmer	Texas	03/24/20				0.92%
48371	Pecos	Texas	03/24/20				0.67%
48373	Polk	Texas	03/24/20				0.65%
48375	Potter	Texas	03/28/20	08/20/20	10.22%	4.78%	0.60%
48377	Presidio	Texas	03/24/20				0.82%
48379	Rains	Texas	03/24/20				0.59%
48381	Randall	Texas	03/26/20	08/20/20	13.52%	4.61%	0.51%
48383	Reagan	Texas	03/24/20				0.94%
48385	Real	Texas	03/24/20				1.11%
48387	Red River	Texas	03/24/20				0.74%
48389	Reeves	Texas	03/24/20				0.65%
48391	Refugio	Texas	03/24/20				0.96%
48393	Roberts	Texas	03/24/20				0.32%
48395	Robertson	Texas	03/27/20	08/20/20	17.33%	3.66%	0.71%
48397	Rockwall	Texas	03/24/20				0.61%
48399	Runnels	Texas	03/24/20				0.87%
48401	Rusk	Texas	03/24/20	08/20/20	69.31%	4.06%	0.52%
48403	Sabine	Texas	03/24/20				0.63%
48405	San Augustin	eTexas	03/24/20				0.45%
48407	San Jacinto	Texas	03/24/20				0.53%
48409	San Patricio	Texas	03/24/20				0.75%
48411	San Saba	Texas	03/24/20				0.71%
48413	Schleicher	Texas	03/24/20				0.98%
48415	Scurry	Texas	03/24/20				0.83%
48417	Shackelford	Texas	03/24/20				0.55%

	Current Growth	Rate Comp	ared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48419	Shelby	Texas	03/24/20)			0.37%
48421	Sherman	Texas	03/24/20)			0.32%
48423	Smith	Texas	03/24/20	08/20/20	13.35%	3.57%	0.51%
48425	Somervell	Texas	03/24/20)			1.21%
48427	Starr	Texas	03/24/20)			0.86%
48429	Stephens	Texas	03/24/20)			0.69%
48431	Sterling	Texas	03/24/20)			0.00%
48433	Stonewall	Texas	03/24/20)			0.29%
48435	Sutton	Texas	03/24/20)			1.27%
48437	Swisher	Texas	03/24/20)			0.45%
48439	Tarrant	Texas	03/24/20	08/20/20	23.71%	4.17%	0.57%
48441	Taylor	Texas	03/24/20)			0.45%
48443	Terrell	Texas	03/24/20)			0.34%
48445	Terry	Texas	03/24/20)	109.86%)	0.48%
48447	Throckmorto	n Texas	03/24/20)			0.17%
48449	Titus	Texas	03/24/20)			0.80%
48451	Tom Green	Texas	03/24/20)	109.86%)	0.66%
48453	Travis	Texas	03/24/20	08/20/20	13.06%	3.80%	0.52%
48455	Trinity	Texas	03/24/20)			0.59%
48457	Tyler	Texas	03/24/20)			0.55%
48459	Upshur	Texas	03/24/20)			0.54%
48461	Upton	Texas	03/24/20)			0.79%
48463	Uvalde	Texas	03/24/20)			0.69%
48465	Val Verde	Texas	03/24/20)			0.75%
48467	Van Zandt	Texas	03/29/20	08/20/20	11.55%	4.12%	0.59%
48469	Victoria	Texas	03/29/20	08/20/20	11.55%	4.74%	0.57%
48471	Walker	Texas	03/25/20	08/20/20	54.93%	5.39%	0.77%
48473	Waller	Texas	03/25/20	08/20/20		4.24%	0.55%
48475	Ward	Texas	03/24/20)			0.98%
48477	Washington	Texas	03/24/20)			0.40%
48479	Webb	Texas	03/24/20	08/20/20	81.09%	5.22%	0.59%
48481	Wharton	Texas	03/24/20)	109.86%)	0.55%

	Current Growth	Rate Com	pared to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48483	Wheeler	Texas	03/24/20				0.59%
48485	Wichita	Texas	03/24/20	08/20/20	47.00%	3.65%	0.45%
48487	Wilbarger	Texas	03/24/20				0.68%
48489	Willacy	Texas	03/24/20				0.77%
48491	Williamson	Texas	03/24/20	08/20/20	45.20%	4.21%	0.63%
48493	Wilson	Texas	03/24/20				0.56%
48495	Winkler	Texas	03/24/20				0.66%
48497	Wise	Texas	03/24/20				0.71%
48499	Wood	Texas	03/24/20				0.63%
48501	Yoakum	Texas	03/24/20				0.76%
48503	Young	Texas	03/24/20				0.62%
48505	Zapata	Texas	03/24/20				0.65%
48507	Zavala	Texas	03/24/20				0.84%
49001	Beaver	Utah	03/24/20				0.00%
49003	Box Elder	Utah	03/24/20	04/17/20		15.80%	0.00%
49005	Cache	Utah	03/24/20	04/15/20		10.92%	0.00%
49007	Carbon	Utah	03/24/20				0.00%
49009	Daggett	Utah	03/24/20				0.00%
49011	Davis	Utah	03/24/20	08/20/20	12.14%	3.16%	0.43%
49013	Duchesne	Utah	03/24/20				0.00%
49015	Emery	Utah	03/24/20				0.00%
49017	Garfield	Utah	03/24/20				0.00%
49019	Grand	Utah	03/24/20				0.00%
49021	Iron	Utah	03/24/20				0.00%
49023	Juab	Utah	03/24/20				0.00%
49025	Kane	Utah	03/24/20				0.00%
49027	Millard	Utah	03/24/20				0.00%
49029	Morgan	Utah	03/24/20				0.00%
49031	Piute	Utah	03/24/20				0.00%
49033	Rich	Utah	03/24/20				0.00%
49035	Salt Lake	Utah	03/24/20	08/20/20	19.70%	3.47%	0.44%
49037	San Juan	Utah	03/24/20				0.64%

	Current Growth	Rate Compared to I	First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
49039	Sanpete	Utah	03/24/20				0.00%
49041	Sevier	Utah	03/24/20				0.00%
49043	Summit	Utah	03/24/20	08/20/20	8.19%	1.51%	0.15%
49045	Tooele	Utah	03/24/20	08/20/20	40.55%	3.84%	0.45%
49047	Uintah	Utah	03/24/20				0.00%
49049	Utah	Utah	03/24/20	08/20/20	32.54%	4.43%	0.51%
49051	Wasatch	Utah	03/25/20	08/20/20	14.38%	2.47%	0.26%
49053	Washington	Utah	03/25/20	04/17/20	23.50%	10.94%	0.00%
49055	Wayne	Utah	03/24/20				0.00%
49057	Weber	Utah	03/24/20	04/17/20	10.54%	10.09%	0.00%
50001	Addison	Vermont	03/24/20	08/20/20	11.78%	1.50%	0.05%
50003	Bennington	Vermont	03/24/20	08/20/20	20.07%	1.55%	0.17%
50005	Caledonia	Vermont	03/26/20	08/20/20	23.10%	2.27%	0.19%
50007	Chittenden	Vermont	03/24/20	08/20/20	31.85%	1.97%	0.11%
50009	Essex	Vermont	03/24/20				0.26%
50011	Franklin	Vermont	03/24/20	08/20/20	40.55%	2.74%	0.06%
50013	Grand Isle	Vermont	03/24/20				0.22%
50015	Lamoille	Vermont	03/24/20	08/20/20	69.31%	2.08%	0.12%
50017	Orange	Vermont	03/30/20	08/20/20	4.11%	1.26%	0.20%
50019	Orleans	Vermont	03/24/20	08/20/20	40.55%	1.34%	0.09%
50021	Rutland	Vermont	03/27/20	08/20/20	4.56%	2.02%	0.16%
50023	Washington	Vermont	03/24/20	08/20/20	51.08%	1.99%	0.11%
50025	Windham	Vermont	03/24/20	08/20/20	33.65%	2.07%	0.12%
50027	Windsor	Vermont	03/24/20	08/20/20	12.52%	1.07%	0.17%
51001	Accomack	Virginia	03/24/20	08/20/20	69.31%	4.69%	0.63%
51003	Albemarle	Virginia	03/24/20	08/20/20	69.31%	4.10%	0.45%
51005	Alleghany	Virginia	03/24/20				0.39%
51007	Amelia	Virginia	03/24/20				0.34%
51009	Amherst	Virginia	03/27/20	08/20/20	17.33%	3.67%	0.48%
51011	Appomattox	Virginia	03/24/20				0.44%
51013	Arlington	Virginia	03/24/20	08/20/20	24.51%	3.02%	0.32%
51015	Augusta	Virginia	03/24/20)			0.44%

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
51017	Bath	Virginia	03/24/20				0.57%
51019	Bedford	Virginia	03/24/20		109.86%	Ď	0.51%
51021	Bland	Virginia	03/24/20				1.10%
51023	Botetourt	Virginia	03/28/20	08/20/20	13.86%	3.61%	0.33%
51025	Brunswick	Virginia	03/24/20				0.66%
51027	Buchanan	Virginia	03/24/20				0.57%
51029	Buckingham	Virginia	03/24/20				0.56%
51031	Campbell	Virginia	03/24/20				0.51%
51033	Caroline	Virginia	03/24/20				0.55%
51035	Carroll	Virginia	03/24/20				0.71%
51036	Charles City	Virginia	03/31/20	08/20/20	8.66%	2.73%	0.28%
51037	Charlotte	Virginia	03/24/20				0.41%
51041	Chesterfield	Virginia	03/24/20	08/20/20	9.53%	4.11%	0.46%
51043	Clarke	Virginia	03/24/20				0.48%
51045	Craig	Virginia	03/24/20				0.35%
51047	Culpeper	Virginia	03/29/20	08/20/20	6.76%	4.18%	0.59%
51049	Cumberland	Virginia	03/24/20				0.36%
51051	Dickenson	Virginia	03/24/20				1.13%
51053	Dinwiddie	Virginia	03/24/20				0.55%
51057	Essex	Virginia	03/24/20				0.61%
51059	Fairfax	Virginia	03/24/20	08/20/20	50.21%	3.96%	0.42%
51061	Fauquier	Virginia	03/24/20				0.49%
51063	Floyd	Virginia	03/24/20				0.71%
51065	Fluvanna	Virginia	03/25/20	08/20/20	54.93%	3.56%	0.34%
51067	Franklin	Virginia	03/28/20	08/20/20	32.19%	3.51%	0.39%
51069	Frederick	Virginia	03/24/20				0.36%
51071	Giles	Virginia	03/24/20				0.37%
51073	Gloucester	Virginia	03/26/20	08/20/20	13.52%	3.01%	0.33%
51075	Goochland	Virginia	03/27/20	08/20/20	12.77%	2.72%	0.25%
51077	Grayson	Virginia	03/24/20				0.85%
51079	Greene	Virginia	03/24/20				0.57%
51081	Greensville	Virginia	03/24/20				0.65%

	Current Growth F	Rate Compa	red to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day		First Rate	Current Rate	Rate
51083	Halifax	Virginia	04/04/20	08/20/20	5.78%	3.45%	0.48%
51085	Hanover	Virginia	03/24/20	08/20/20	69.31%	4.40%	0.43%
51087	Henrico	Virginia	03/24/20	08/20/20	35.67%	3.81%	0.37%
51089	Henry	Virginia	03/24/20				0.67%
51091	Highland	Virginia	03/24/20				0.28%
51093	Isle of Wight	Virginia	03/27/20	08/20/20	10.14%	3.63%	0.40%
51095	James City	Virginia	03/24/20	08/20/20	10.27%	1.93%	0.25%
51097	King and Que	Virginia	03/24/20				0.46%
51099	King George	Virginia	03/24/20				0.38%
51101	King William	Virginia	03/24/20				0.59%
51103	Lancaster	Virginia	03/24/20				0.60%
51105	Lee	Virginia	04/07/20	08/20/20	2.70%	2.89%	0.49%
51107	Loudoun	Virginia	03/24/20	08/20/20	10.54%	3.83%	0.43%
51109	Louisa	Virginia	03/24/20	08/20/20	40.55%	3.15%	0.33%
51111	Lunenburg	Virginia	03/24/20				0.50%
51113	Madison	Virginia	03/26/20	08/20/20	23.10%	2.95%	0.39%
51115	Mathews	Virginia	03/24/20				0.36%
51117	Mecklenburg	Virginia	03/24/20	08/20/20	40.55%	3.65%	0.31%
51119	Middlesex	Virginia	03/24/20				0.42%
51121	Montgomery	Virginia	03/24/20				0.37%
51125	Nelson	Virginia	03/27/20	08/20/20	17.33%	2.91%	0.41%
51127	New Kent	Virginia	03/24/20				0.36%
51131	Northampton	•	03/24/20				0.62%
51133	Northumberla	rVirginia	03/24/20				0.44%
51135	Nottoway	Virginia	03/24/20				0.52%
51137	Orange	Virginia	03/30/20	08/20/20	9.90%	3.66%	0.43%
51139	Page	Virginia	03/24/20				0.59%
51141	Patrick	Virginia	03/24/20				0.83%
51143	Pittsylvania	Virginia	03/24/20				0.75%
51145	Powhatan	Virginia	03/24/20				0.52%
51147	Prince Edwar	Virginia	03/24/20	08/20/20	69.31%	4.07%	0.58%
51149	Prince George	Virginia	03/24/20				0.43%

	Current Growth I	Rate Compar	ed to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
51153	Prince Willian	nVirginia	03/24/20	08/20/20	33.02%	4.06%	0.48%
51155	Pulaski	Virginia	03/24/20				0.49%
51157	Rappahanno	c Virginia	03/24/20				0.57%
51159	Richmond	Virginia	03/24/20				0.61%
51161	Roanoke	Virginia	03/24/20				0.54%
51163	Rockbridge	Virginia	03/24/20	08/20/20	69.31%	2.90%	0.48%
51165	Rockingham	Virginia	03/26/20	08/20/20	9.59%	3.87%	0.46%
51167	Russell	Virginia	03/24/20				0.75%
51169	Scott	Virginia	03/24/20				0.57%
51171	Shenandoah	Virginia	03/24/20				0.55%
51173	Smyth	Virginia	03/24/20				0.47%
51175	Southampton	Virginia	03/24/20				0.61%
51177	Spotsylvania	Virginia	03/24/20	08/20/20	40.55%	4.49%	0.52%
51179	Stafford	Virginia	03/25/20	08/20/20	30.31%	3.71%	0.46%
51181	Surry	Virginia	03/24/20				0.44%
51183	Sussex	Virginia	03/24/20				0.54%
51185	Tazewell	Virginia	03/24/20				0.56%
51187	Warren	Virginia	03/24/20				0.48%
51191	Washington	Virginia	03/24/20				0.38%
51193	Westmorelan	dVirginia	03/24/20				0.49%
51195	Wise	Virginia	03/24/20				0.54%
51197	Wythe	Virginia	03/24/20				0.44%
51199	York	Virginia	03/24/20	08/20/20	28.77%	2.83%	0.40%
51510	Alexandria	Virginia	03/24/20	08/20/20	11.78%	3.99%	0.41%
51520	Bristol	Virginia	03/24/20				0.69%
51530	Buena Vista	Virginia	03/24/20				0.42%
51540	Charlottesville	e Virginia	03/24/20	08/20/20	18.23%	3.16%	0.43%
51550	Chesapeake	Virginia	03/24/20		109.86%		0.50%
51570	Colonial Heig	ı ^t Virginia	03/24/20				0.51%
51580	Covington	Virginia	03/24/20				0.43%
51590	Danville	Virginia	03/24/20	08/20/20	69.31%	4.17%	0.48%
51595	Emporia	Virginia	03/24/20				0.49%

	Current Growth F	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
51600	Fairfax City	Virginia	03/24/20				0.68%
51610	Falls Church	Virginia	03/24/20				0.50%
51620	Franklin City	Virginia	03/24/20				0.56%
51630	Fredericksbur	Virginia	03/24/20				0.53%
51640	Galax	Virginia	03/24/20				0.87%
51650	Hampton	Virginia	03/24/20				0.46%
51660	Harrisonburg	Virginia	03/24/20	08/20/20	69.31%	4.68%	0.39%
51670	Hopewell	Virginia	03/24/20				0.46%
51678	Lexington	Virginia	03/24/20				0.39%
51680	Lynchburg	Virginia	03/24/20				0.49%
51683	Manassas	Virginia	03/24/20				0.51%
51685	Manassas Pa	rVirginia	03/24/20				0.59%
51690	Martinsville	Virginia	03/24/20				0.83%
51700	Newport New	Virginia	03/24/20	08/20/20	28.77%	4.36%	0.49%
51710	Norfolk	Virginia	03/25/20	08/20/20	5.89%	4.16%	0.57%
51720	Norton	Virginia	03/24/20				0.49%
51730	Petersburg	Virginia	03/24/20				0.52%
51735	Poquoson	Virginia	03/24/20				0.33%
51740	Portsmouth	Virginia	03/24/20				0.55%
51750	Radford	Virginia	03/24/20				0.77%
51760	Richmond City	Virginia	03/24/20	08/20/20	16.71%	3.84%	0.46%
51770	Roanoke City	Virginia	03/24/20				0.59%
51775	Salem	Virginia	03/24/20				0.77%
51790	Staunton	Virginia	03/24/20				0.75%
51800	Suffolk	Virginia	03/29/20	08/20/20	18.31%	4.88%	0.51%
51810	Virginia Beacl	nVirginia	03/24/20	08/20/20	30.23%	3.87%	0.47%
51820	Waynesboro	Virginia	03/24/20				0.55%
51830	Williamsburg	Virginia	03/27/20	08/20/20	4.56%	2.23%	0.32%
51840	Winchester	Virginia	03/24/20				0.46%
53001	Adams	Washington	03/25/20	08/20/20	54.93%	4.17%	0.40%
53003	Asotin	Washington	03/24/20				0.33%
53005	Benton	Washington	03/24/20	08/20/20	28.77%	4.06%	0.42%

	Current Growth F	Rate Compared	to First Day Growth Ra	ate	Confirm	ed Cases	Active Case
FIPS	County	State		Last Day	First Rate	Current Rate	Rate
53007	Chelan	Washington	03/24/20	08/20/20	51.08%	3.72%	0.52%
53009	Clallam	Washington	03/25/20	08/20/20	11.16%	2.53%	0.41%
53011	Clark	Washington	03/24/20	08/20/20	20.76%	3.37%	0.34%
53013	Columbia	Washington	06/18/20	08/20/20	0.80%	1.71%	0.37%
53015	Cowlitz	Washington	03/25/20	08/20/20	42.36%	3.43%	0.46%
53017	Douglas	Washington	03/24/20	08/20/20	69.31%	4.66%	0.62%
53019	Ferry	Washington	03/24/20				0.47%
53021	Franklin	Washington	03/24/20	08/20/20	33.65%	4.42%	0.52%
53023	Garfield	Washington	03/24/20				0.62%
53025	Grant	Washington	03/24/20	08/20/20	16.03%	2.96%	0.43%
53027	Grays Harbor	Washington	03/30/20	08/20/20	9.90%	3.41%	0.43%
53029	Island	Washington	03/24/20	08/20/20	41.87%	1.56%	0.08%
53031	Jefferson	Washington	03/24/20	08/20/20	11.78%	1.40%	0.13%
53033	King	Washington	03/24/20	08/20/20	14.97%	1.83%	0.22%
53035	Kitsap	Washington	03/24/20	08/20/20	10.54%	2.60%	0.29%
53037	Kittitas	Washington	03/24/20		128.09%)	0.53%
53039	Klickitat	Washington	03/24/20	08/20/20	40.55%	2.46%	0.37%
53041	Lewis	Washington	03/25/20	08/20/20	45.81%	3.32%	0.45%
53043	Lincoln	Washington	04/10/20	08/20/20	3.85%	2.29%	0.40%
53045	Mason	Washington	03/24/20	08/20/20	69.31%	3.73%	0.40%
53047	Okanogan	Washington	03/24/20				0.61%
53049	Pacific	Washington	03/24/20				0.59%
53051	Pend Oreille	Washington	03/24/20				0.58%
53053	Pierce	Washington	03/24/20	08/20/20	11.62%	2.56%	0.29%
53055	San Juan	Washington	03/25/20	08/20/20	34.66%	2.24%	0.12%
53057	Skagit	Washington	03/24/20	08/20/20	6.45%	2.04%	0.25%
53059	Skamania	Washington	03/24/20				0.43%
53061	Snohomish	Washington	03/24/20	08/20/20	3.21%	1.51%	0.17%
53063	Spokane	Washington	03/24/20	08/20/20	12.92%	3.43%	0.43%
53065	Stevens	Washington	03/25/20	08/20/20	34.66%	3.19%	0.42%
53067	Thurston	Washington	03/24/20	08/20/20	24.12%	2.89%	0.35%
53069	Wahkiakum	Washington	03/24/20				0.16%

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
53071	Walla Walla	C Washington	03/24/20	08/20/20	69.31%	4.35%	0.52%
53073	Whatcom	Washington	03/24/20	08/20/20	28.77%	2.05%	0.21%
53075	Whitman	Washington	03/25/20	08/20/20	20.27%	2.77%	0.41%
53077	Yakima	Washington	03/24/20	08/20/20	63.13%	4.04%	0.45%
54001	Barbour	West Virginia	03/24/20				0.31%
54003	Berkeley	West Virginia	03/24/20				0.31%
54005	Boone	West Virginia	03/24/20				0.72%
54007	Braxton	West Virginia	03/24/20				0.32%
54009	Brooke	West Virginia	03/24/20				0.49%
54011	Cabell	West Virginia	03/24/20				0.46%
54013	Calhoun	West Virginia	03/24/20				0.41%
54015	Clay	West Virginia	03/24/20				0.40%
54017	Doddridge	West Virginia	03/24/20				0.71%
54019	Fayette	West Virginia	03/24/20				0.66%
54021	Gilmer	West Virginia	03/24/20				0.36%
54023	Grant	West Virginia	03/24/20				0.72%
54025	Greenbrier	West Virginia	03/24/20				0.51%
54027	Hampshire	West Virginia	03/24/20				0.46%
54029	Hancock	West Virginia	03/24/20				0.42%
54031	Hardy	West Virginia	03/24/20				0.51%
54033	Harrison	West Virginia	03/24/20	08/20/20	40.55%	3.22%	0.33%
54035	Jackson	West Virginia	03/24/20	08/20/20	69.31%	3.47%	0.30%
54037	Jefferson	West Virginia	03/26/20	08/20/20	9.59%	3.10%	0.28%
54039	Kanawha	West Virginia	03/25/20	08/20/20	11.16%	3.79%	0.40%
54041	Lewis	West Virginia	03/24/20				0.40%
54043	Lincoln	West Virginia	03/24/20				0.71%
54045	Logan	West Virginia	03/24/20				0.58%
54047	McDowell	West Virginia	03/24/20				0.38%
54049	Marion	West Virginia	03/24/20				0.28%
54051	Marshall	West Virginia	03/26/20	08/20/20	13.52%	2.80%	0.46%
54053	Mason	West Virginia	03/24/20				0.35%
54055	Mercer	West Virginia	04/01/20	08/20/20	4.51%	3.26%	0.51%

	Current Growth	Rate Compared	to First Day Growth R	ate	Confirm	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
54057	Mineral	West Virginia	03/24/20)			0.51%
54059	Mingo	West Virginia	03/24/20)			0.79%
54061	Monongalia	West Virginia	03/24/20)	116.32%	6	0.38%
54063	Monroe	West Virginia	03/24/20)			0.64%
54065	Morgan	West Virginia	03/24/20)			0.27%
54067	Nicholas	West Virginia	03/24/20)			0.45%
54069	Ohio	West Virginia	03/24/20)			0.38%
54071	Pendleton	West Virginia	03/24/20)			0.57%
54073	Pleasants	West Virginia	03/24/20)			0.37%
54075	Pocahontas	West Virginia	03/24/20)			0.62%
54077	Preston	West Virginia	03/24/20)			0.45%
54079	Putnam	West Virginia	03/25/20	08/20/20	34.66%	6 3.65%	0.46%
54081	Raleigh	West Virginia	03/24/20)			0.61%
54083	Randolph	West Virginia	03/24/20)			0.59%
54085	Ritchie	West Virginia	03/24/20)			0.19%
54087	Roane	West Virginia	03/24/20)			0.37%
54089	Summers	West Virginia	03/24/20)			0.43%
54091	Taylor	West Virginia	03/24/20)			0.51%
54093	Tucker	West Virginia	04/01/20	08/20/20	0 4.51%	6 1.14%	0.15%
54095	Tyler	West Virginia	03/24/20)			0.24%
54097	Upshur	West Virginia	03/24/20)			0.38%
54099	Wayne	West Virginia	03/24/20)			0.38%
54101	Webster	West Virginia	03/24/20)			0.63%
54103	Wetzel	West Virginia	03/24/20)			0.40%
54105	Wirt	West Virginia	03/24/20)			0.18%
54107	Wood	West Virginia	03/24/20)			0.41%
54109	Wyoming	West Virginia	03/24/20)			0.57%
55001	Adams	Wisconsin	03/24/20)			0.57%
55003	Ashland	Wisconsin	03/24/20)			0.41%
55005	Barron	Wisconsin	03/24/20)			0.60%
55007	Bayfield	Wisconsin	03/26/20	08/20/20	23.10%	6 2.46%	0.38%
55009	Brown	Wisconsin	03/25/20	08/20/20	14.38%	6 4.91%	0.63%

	Current Growth Rate Compared to First Day Growth Rate		Confirmed Cases		Active Case		
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
55011	Buffalo	Wisconsin	03/24/20				0.48%
55013	Burnett	Wisconsin	03/24/20				0.69%
55015	Calumet	Wisconsin	03/31/20	08/20/20	8.66%	4.04%	0.69%
55017	Chippewa	Wisconsin	03/26/20	08/20/20	36.62%	3.79%	0.40%
55019	Clark	Wisconsin	03/24/20				0.49%
55021	Columbia	Wisconsin	03/26/20	08/20/20	6.08%	2.75%	0.39%
55023	Crawford	Wisconsin	03/24/20				0.51%
55025	Dane	Wisconsin	03/24/20	08/20/20	20.07%	2.83%	0.41%
55027	Dodge	Wisconsin	03/24/20	08/20/20	40.55%	4.14%	0.59%
55029	Door	Wisconsin	03/24/20				0.39%
55031	Douglas	Wisconsin	03/26/20	08/20/20	7.44%	2.72%	0.52%
55033	Dunn	Wisconsin	03/26/20	08/20/20	23.10%	3.35%	0.42%
55035	Eau Claire	Wisconsin	03/24/20	08/20/20	22.31%	3.44%	0.52%
55037	Florence	Wisconsin	03/24/20				0.35%
55039	Fond du Lac	Wisconsin	03/25/20	08/20/20	-2.86%	2.58%	0.43%
55041	Forest	Wisconsin	03/24/20				0.74%
55043	Grant	Wisconsin	03/24/20				0.65%
55045	Green	Wisconsin	03/26/20	08/20/20	36.62%	3.64%	0.49%
55047	Green Lake	Wisconsin	03/24/20				0.66%
55049	Iowa	Wisconsin	03/24/20		109.86%		0.46%
55051	Iron	Wisconsin	03/24/20				0.69%
55053	Jackson	Wisconsin	03/24/20				0.29%
55055	Jefferson	Wisconsin	03/24/20	08/20/20	22.31%	3.53%	0.53%
55057	Juneau	Wisconsin	03/24/20				0.50%
55059	Kenosha	Wisconsin	03/24/20	08/20/20	7.41%	3.59%	0.41%
55061	Kewaunee	Wisconsin	03/24/20				0.58%
55063	La Crosse	Wisconsin	03/24/20	08/20/20	69.31%	3.54%	0.55%
55065	Lafayette	Wisconsin	03/24/20				0.61%
55067	Langlade	Wisconsin	03/24/20				0.89%
55069	Lincoln	Wisconsin	03/24/20				0.74%
55071	Manitowoc	Wisconsin	03/24/20				0.74%
55073	Marathon	Wisconsin	03/29/20	08/20/20	11.55%	4.39%	0.60%

	Current Growth F	Rate Compare	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
55075	Marinette	Wisconsin	03/24/20				0.77%
55077	Marquette	Wisconsin	03/24/20				0.55%
55078	Menominee	Wisconsin	03/24/20				0.49%
55079	Milwaukee	Wisconsin	03/24/20	08/20/20	29.08%	3.03%	0.39%
55081	Monroe	Wisconsin	03/24/20				0.51%
55083	Oconto	Wisconsin	03/24/20				0.71%
55085	Oneida	Wisconsin	03/24/20				0.51%
55087	Outagamie	Wisconsin	03/24/20	08/20/20	69.31%	4.42%	0.60%
55089	Ozaukee	Wisconsin	03/24/20	08/20/20	22.31%	2.63%	0.38%
55091	Pepin	Wisconsin	03/24/20				0.74%
55093	Pierce	Wisconsin	03/26/20	08/20/20	9.59%	2.98%	0.54%
55095	Polk	Wisconsin	03/24/20				0.58%
55097	Portage	Wisconsin	03/24/20				0.72%
55099	Price	Wisconsin	03/24/20				0.52%
55101	Racine	Wisconsin	03/24/20	08/20/20	33.65%	4.42%	0.51%
55103	Richland	Wisconsin	03/24/20				0.30%
55105	Rock	Wisconsin	03/24/20	08/20/20	28.77%	4.16%	0.50%
55107	Rusk	Wisconsin	03/24/20				0.30%
55109	St. Croix	Wisconsin	03/30/20	08/20/20	3.19%	3.30%	0.62%
55111	Sauk	Wisconsin	03/24/20	08/20/20	40.55%	3.29%	0.47%
55113	Sawyer	Wisconsin	03/24/20				0.73%
55115	Shawano	Wisconsin	03/24/20				0.57%
55117	Sheboygan	Wisconsin	03/24/20	08/20/20	15.42%	3.35%	0.50%
55119	Taylor	Wisconsin	03/24/20				0.91%
55121	Trempealeau	Wisconsin	03/24/20				0.88%
55123	Vernon	Wisconsin	03/24/20				0.72%
55125	Vilas	Wisconsin	03/24/20				0.47%
55127	Walworth	Wisconsin	03/24/20	08/20/20	22.31%	3.98%	0.55%
55129	Washburn	Wisconsin	03/24/20				0.61%
55131	Washington	Wisconsin	03/24/20	08/20/20	21.13%	2.94%	0.45%
55133	Waukesha	Wisconsin	03/24/20	08/20/20	30.37%	3.41%	0.48%
55135	Waupaca	Wisconsin	03/24/20				0.77%

	Current Growth	Rate Compared to Fire	st Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
55137	Waushara	Wisconsin	03/24/20)			0.62%
55139	Winnebago	Wisconsin	03/25/20	08/20/20	9.12%	3.72%	0.58%
55141	Wood	Wisconsin	03/26/20	08/20/20	23.10%	4.00%	0.79%
56001	Albany	Wyoming	03/24/20)			0.48%
56003	Big Horn	Wyoming	03/24/20)			0.54%
56005	Campbell	Wyoming	03/30/20	08/20/20	9.90%	3.37%	0.40%
56007	Carbon	Wyoming	03/24/20	08/20/20	40.55%	3.01%	0.56%
56009	Converse	Wyoming	03/24/20	1			0.23%
56011	Crook	Wyoming	03/24/20	1			0.23%
56013	Fremont	Wyoming	03/24/20	08/20/20	26.24%	2.69%	0.39%
56015	Goshen	Wyoming	03/24/20)			0.41%
56017	Hot Springs	Wyoming	03/24/20)			0.49%
56019	Johnson	Wyoming	03/24/20)			0.13%
56021	Laramie	Wyoming	03/24/20	08/20/20	45.20%	2.89%	0.33%
56023	Lincoln	Wyoming	03/24/20)			0.45%
56025	Natrona	Wyoming	03/24/20	08/20/20	69.31%	3.25%	0.31%
56027	Niobrara	Wyoming	03/24/20)			0.10%
56029	Park	Wyoming	05/19/20	08/20/20	1.22%	3.37%	0.74%
56031	Platte	Wyoming	03/24/20)			0.40%
56033	Sheridan	Wyoming	03/26/20	08/20/20	7.44%	2.22%	0.34%
56035	Sublette	Wyoming	03/24/20	1			0.57%
56037	Sweetwater	Wyoming	03/24/20	1			0.55%
56039	Teton	Wyoming	03/24/20	08/20/20	91.63%	3.53%	0.29%
56041	Uinta	Wyoming	03/24/20				0.63%
56043	Washakie	Wyoming	03/24/20				0.45%
56045	Weston	Wyoming	03/24/20				#N/A