	Current Growt	h 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
1		0 Alabama	03/24/20	08/19/20	45.39%	4.09%	0.52%
2		0 Alaska	03/24/20	08/19/20	18.72%	3.28%	0.43%
4		0 Arkansas	03/24/20	08/19/20	20.71%	4.30%	0.62%
5		0 Arizona	03/24/20	08/19/20	23.28%	3.74%	0.58%
6		0 California	03/24/20	08/19/20	16.66%	3.72%	0.52%
8		0 Colorado	03/24/20	08/19/20	33.43%	2.90%	0.31%
9		0 Connecticut	03/24/20	08/19/20	34.77%	2.96%	0.22%
10		0 Delaware	03/24/20	08/19/20	13.47%	3.40%	0.35%
11		0 District of Columbia	03/24/20	08/19/20	28.23%	3.06%	0.30%
12		0 Florida	03/24/20	08/19/20	17.50%	4.05%	0.52%
13		0 Georgia	03/24/20	08/19/20	15.19%	3.68%	0.46%
15		0 Hawaii	03/25/20	08/19/20	10.87%	2.97%	0.37%
16		0 Idaho	03/24/20	08/19/20	11.64%	3.95%	0.47%
17		0 Illinois	03/24/20	08/19/20	19.18%	3.31%	0.36%
18		0 Indiana	03/24/20	08/19/20	25.94%	3.64%	0.36%
19		0 Iowa	03/24/20	08/19/20	17.96%	4.10%	0.54%
20		0 Kansas	03/24/20	08/19/20	29.27%	3.95%	0.51%
21		0 Kentucky	03/24/20	08/19/20	20.93%	3.95%	0.48%
22		0 Louisiana	03/24/20	08/19/20	25.97%	3.11%	0.30%
23		0 Maine	03/24/20	08/19/20	17.10%	2.41%	0.29%
24		0 Maryland	03/24/20	08/19/20	19.70%	3.81%	0.39%
25		0 Massachusetts	03/24/20	08/19/20	44.69%	3.14%	0.24%
26		0 Michigan	03/24/20	08/19/20	24.76%	2.70%	0.22%
27		0 Minnesota	03/24/20	08/19/20	9.15%	3.73%	0.58%
28		0 Mississippi	03/24/20	08/19/20	16.39%	3.67%	0.51%
29		0 Missouri	03/24/20	08/19/20	30.17%	3.78%	0.43%
30		0 Montana	03/24/20	08/19/20	36.77%	3.29%	0.42%
31		0 Nebraska	03/24/20	08/19/20	7.30%	4.13%	0.57%
32		0 Nevada	03/24/20	08/19/20	15.79%	3.68%	0.48%
33		0 New Hampshire	03/24/20	08/19/20	6.70%	2.85%	0.30%
34		0 New Jersey	03/24/20	08/19/20	13.62%	2.77%	0.17%
35		0 New Mexico	03/24/20	08/19/20	12.22%	3.64%	0.44%

	Current Growtl	h 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
36		0 New York	03/24/20	08/19/20	18.31%	1.89%	0.12%
37		0 North Carolina	03/24/20	08/19/20	17.76%	3.84%	0.54%
38		0 North Dakota	03/24/20	08/19/20	22.31%	3.72%	0.52%
39		0 Ohio	03/24/20	08/19/20	21.64%	3.55%	0.43%
40		0 Oklahoma	03/24/20	08/19/20	43.64%	4.14%	0.50%
41		0 Oregon	03/24/20	08/19/20	23.64%	3.18%	0.43%
42		0 Pennsylvania	03/24/20	08/19/20	28.98%	3.31%	0.26%
44		0 Rhode Island	03/24/20	08/19/20	1.67%	3.51%	0.37%
45		0 South Carolina	03/24/20	08/19/20	21.49%	3.87%	0.54%
46		0 South Dakota	03/24/20	08/19/20	31.24%	3.94%	0.41%
47		0 Tennessee	03/24/20	08/19/20	14.00%	3.58%	0.50%
48		0 Texas	03/24/20	08/19/20	25.22%	4.30%	0.58%
49		0 Utah	03/24/20	08/19/20	13.44%	3.29%	0.44%
50		0 Vermont	03/24/20	08/19/20	25.83%	1.86%	0.12%
51		0 Virginia	03/24/20	08/19/20	30.12%	3.98%	0.47%
53		0 Washington	03/24/20	08/19/20	13.65%	2.31%	0.30%
54		0 West Virginia	03/24/20	08/19/20	57.25%	4.04%	0.41%
55		0 Wisconsin	03/24/20	08/19/20	25.55%	3.33%	0.47%
56		0 Wyoming	03/24/20	08/19/20	41.69%	3.21%	0.39%
			Counties				#N/A
1001	Autauga	Alabama	03/24/20		138.63%		0.65%
1003	Baldwin	Alabama	03/25/20	08/19/20	11.16%	4.63%	0.62%
1005	Barbour	Alabama	03/24/20				0.63%
1007	Bibb	Alabama	03/24/20				0.52%
1009	Blount	Alabama	03/24/20				0.65%
1011	Bullock	Alabama	03/24/20				0.75%
1013	Butler	Alabama	03/24/20				0.72%
1015	Calhoun	Alabama	03/26/20		13.52%	4.66%	0.54%
1017	Chambers	Alabama	03/24/20	08/19/20	69.31%	3.46%	0.23%
1019	Cherokee	Alabama	03/24/20				0.56%
1021	Chilton	Alabama	03/24/20				0.52%
1023	Choctaw	Alabama	03/24/20				0.52%

	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
1025	Clarke	Alabama	03/24/20				0.58%
1027	Clay	Alabama	03/24/20				0.48%
1029	Cleburne	Alabama	03/24/20				0.40%
1031	Coffee	Alabama	03/24/20				0.51%
1033	Colbert	Alabama	03/24/20				0.78%
1035	Conecuh	Alabama	03/24/20				0.67%
1037	Coosa	Alabama	03/24/20				0.27%
1039	Covington	Alabama	03/24/20				0.63%
1041	Crenshaw	Alabama	03/24/20				0.73%
1043	Cullman	Alabama	03/24/20	08/19/20	28.77%	4.09%	0.54%
1045	Dale	Alabama	03/24/20				0.72%
1047	Dallas	Alabama	03/24/20				0.70%
1049	DeKalb	Alabama	03/24/20				0.66%
1051	Elmore	Alabama	03/24/20	08/19/20	11.78%	3.66%	0.62%
1053	Escambia	Alabama	03/24/20				0.76%
1055	Etowah	Alabama	03/24/20				0.54%
1057	Fayette	Alabama	03/24/20				0.63%
1059	Franklin	Alabama	03/24/20	08/19/20	69.31%	4.86%	0.76%
1061	Geneva	Alabama	03/24/20				0.88%
1063	Greene	Alabama	03/24/20				0.41%
1065	Hale	Alabama	03/24/20				0.53%
1067	Henry	Alabama	03/24/20				0.50%
1069	Houston	Alabama	03/24/20	08/19/20	69.31%	4.94%	0.55%
1071	Jackson	Alabama	03/25/20	08/19/20	34.66%	4.28%	0.61%
1073	Jefferson	Alabama	03/24/20	08/19/20	34.90%	3.40%	0.49%
1075	Lamar	Alabama	04/03/20	08/19/20	6.30%	3.72%	0.53%
1077	Lauderdale	Alabama	03/24/20	08/19/20	69.31%	4.07%	0.66%
1079	Lawrence	Alabama	03/24/20				0.59%
1081	Lee	Alabama	03/24/20	08/19/20	43.08%	3.16%	0.39%
1083	Limestone	Alabama	03/24/20	08/19/20	40.55%	3.98%	0.57%
1085	Lowndes	Alabama	03/24/20				0.57%
1087	Macon	Alabama	03/24/20				0.50%

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	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
1089	Madison	Alabama	03/24/20	08/19/20	51.08%	3.77%	0.53%
1091	Marengo	Alabama	03/24/20				0.52%
1093	Marion	Alabama	03/24/20		109.86%)	0.40%
1095	Marshall	Alabama	03/24/20				0.55%
1097	Mobile	Alabama	03/24/20	08/19/20	51.08%	5.06%	0.50%
1099	Monroe	Alabama	03/24/20				0.69%
1101	Montgomery	Alabama	03/24/20	08/19/20	36.77%	4.49%	0.63%
1103	Morgan	Alabama	03/24/20	08/19/20	91.63%	4.81%	0.65%
1105	Perry	Alabama	03/24/20				0.67%
1107	Pickens	Alabama	03/24/20				0.46%
1109	Pike	Alabama	03/24/20				0.55%
1111	Randolph	Alabama	03/24/20				0.39%
1113	Russell	Alabama	03/24/20				0.63%
1115	St. Clair	Alabama	03/24/20	08/19/20	40.55%	3.97%	0.54%
1117	Shelby	Alabama	03/24/20	08/19/20	44.18%	3.28%	0.44%
1119	Sumter	Alabama	03/24/20				0.44%
1121	Talladega	Alabama	03/24/20	08/19/20	40.55%	4.30%	0.55%
1123	Tallapoosa	Alabama	03/24/20	08/19/20	69.31%	4.10%	0.33%
1125	Tuscaloosa	Alabama	03/24/20	08/19/20	40.55%	4.12%	0.56%
1127	Walker	Alabama	03/24/20	08/19/20	58.78%	3.91%	0.46%
1129	Washington	Alabama	03/25/20	08/19/20	34.66%	4.14%	0.58%
1131	Wilcox	Alabama	03/24/20				0.42%
1133	Winston	Alabama	03/24/20				0.74%
2013	Aleutians Eas	tAlaska	03/24/20				0.46%
2016	Aleutians We	sAlaska	03/24/20				0.75%
2020	Anchorage	Alaska	03/25/20	08/19/20	24.95%	3.37%	0.47%
2050	Bethel	Alaska	03/24/20				0.55%
2060	Bristol Bay	Alaska	03/24/20				0.63%
2068	Denali	Alaska	03/24/20				0.00%
2070	Dillingham	Alaska	03/24/20				0.92%
2090	Fairbanks No	rAlaska	03/24/20	08/19/20	35.67%	2.90%	0.29%
2100	Haines	Alaska	03/24/20				0.45%

	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
2105	Hoonah-Ang	oıAlaska	03/24/20				0.00%
2110	Juneau	Alaska	03/24/20	08/19/20	69.31%	3.38%	0.34%
2122	Kenai Penins		03/24/20	08/19/20	28.77%	3.25%	0.50%
2130	Ketchikan Ga	atAlaska	03/24/20	08/19/20	28.77%	1.29%	0.15%
2150	Kodiak Island	d Alaska	03/24/20				0.39%
2158	Kusilvak	Alaska	03/24/20				0.87%
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				0.51%
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				0.17%
2198	Prince of Wa		03/24/20				0.43%
2220	Sitka	Alaska	03/24/20				0.61%
2230	Skagway	Alaska	03/24/20				0.00%
2240	Southeast Fa	ai Alaska	03/24/20				0.44%
2261	Valdez-Cord	o\Alaska	03/24/20				1.49%
2275	Wrangell	Alaska	03/24/20				0.57%
2282	Yakutat	Alaska	03/24/20				1.63%
2290	Yukon-Koyul	kuAlaska	03/24/20				0.63%
4001	Apache	Arizona	03/24/20	08/19/20	55.96%	4.50%	0.58%
4003	Cochise	Arizona	03/25/20	08/19/20	34.66%	5.02%	0.73%
4005	Coconino	Arizona	03/24/20	08/19/20	24.51%	3.48%	0.40%
4007	Gila	Arizona	03/24/20				0.89%
4009	Graham	Arizona	03/26/20	08/19/20	23.10%	3.85%	0.88%
4011	Greenlee	Arizona	03/24/20				0.51%
4012	La Paz	Arizona	03/24/20				0.74%
4013	Maricopa	Arizona	03/24/20	08/19/20	23.21%	4.35%	0.65%
4015	Mohave	Arizona	03/24/20				0.72%
4017	Navajo	Arizona	03/24/20	08/19/20	14.52%	3.45%	0.42%
4019	Pima	Arizona	03/24/20	08/19/20	15.42%	4.14%	0.54%
4021	Pinal	Arizona	03/24/20	08/19/20	4.45%	4.04%	0.61%

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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
4023	Santa Cruz	Arizona	03/25/20	08/19/20	34.66%	5.31%	0.89%
4025	Yavapai	Arizona	03/24/20	08/19/20	28.77%	4.43%	0.54%
4027	Yuma	Arizona	03/24/20	08/19/20	40.55%	5.84%	0.98%
5001	Arkansas	Arkansas	03/24/20				0.74%
5003	Ashley	Arkansas	03/24/20				0.55%
5005	Baxter	Arkansas	03/24/20				0.48%
5007	Benton	Arkansas	03/25/20	03/24/20	144.52%	0.00%	0.71%
5009	Boone	Arkansas	04/08/20	08/19/20	6.87%	3.68%	0.67%
5011	Bradley	Arkansas	04/06/20	08/19/20	1.59%	2.73%	0.54%
5013	Calhoun	Arkansas	03/24/20				1.26%
5015	Carroll	Arkansas	03/24/20				0.82%
5017	Chicot	Arkansas	03/24/20				0.80%
5019	Clark	Arkansas	03/24/20	08/19/20	69.31%	2.34%	0.30%
5021	Clay	Arkansas	03/24/20				0.77%
5023	Cleburne	Arkansas	03/24/20	08/19/20	22.31%	1.34%	0.19%
5025	Cleveland	Arkansas	03/27/20	08/19/20	12.77%	2.50%	0.42%
5027	Columbia	Arkansas	04/08/20	08/19/20	6.87%	3.72%	0.67%
5029	Conway	Arkansas	04/08/20	08/19/20	8.66%	3.48%	0.62%
5031	Craighead	Arkansas	03/28/20	08/19/20	8.11%	4.02%	0.60%
5033	Crawford	Arkansas	04/08/20	08/19/20	6.87%	4.48%	0.85%
5035	Crittenden	Arkansas	03/24/20		179.18%)	0.43%
5037	Cross	Arkansas	04/03/20	08/19/20	14.63%	3.67%	0.56%
5039	Dallas	Arkansas	03/24/20				0.65%
5041	Desha	Arkansas	04/04/20	08/19/20	7.64%	3.13%	0.55%
5043	Drew	Arkansas	03/24/20				0.62%
5045	Faulkner	Arkansas	03/24/20	08/19/20	49.64%	3.11%	0.49%
5047	Franklin	Arkansas	03/24/20				0.77%
5049	Fulton	Arkansas	03/24/20				0.66%
5051	Garland	Arkansas	03/24/20	08/19/20	47.00%	3.24%	0.42%
5053	Grant	Arkansas	04/07/20	08/19/20	3.41%	2.66%	0.42%
5055	Greene	Arkansas	04/07/20	08/19/20	11.95%	4.25%	0.70%
5057	Hempstead	Arkansas	03/27/20	08/19/20	34.66%	3.79%	0.65%

	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
5059	Hot Spring	Arkansas	03/24/20				0.82%
5061	Howard	Arkansas	03/24/20				0.59%
5063	Independence	eArkansas	04/04/20	08/19/20	4.26%	3.61%	0.74%
5065	Izard	Arkansas	03/24/20				0.65%
5067	Jackson	Arkansas	03/24/20				0.78%
5069	Jefferson	Arkansas	03/24/20	08/19/20	4.65%	3.00%	0.45%
5071	Johnson	Arkansas	03/24/20				0.62%
5073	Lafayette	Arkansas	03/24/20				0.53%
5075	Lawrence	Arkansas	03/24/20	08/19/20		3.67%	0.48%
5077	Lee	Arkansas	03/24/20				0.95%
5079	Lincoln	Arkansas	03/25/20	08/19/20	45.81%	4.38%	0.74%
5081	Little River	Arkansas	03/24/20				1.13%
5083	Logan	Arkansas	03/24/20				0.79%
5085	Lonoke	Arkansas	03/24/20				0.46%
5087	Madison	Arkansas	03/24/20				0.87%
5089	Marion	Arkansas	03/24/20				0.56%
5091	Miller	Arkansas	03/24/20				0.49%
5093	Mississippi	Arkansas	03/24/20				0.79%
5095	Monroe	Arkansas	03/24/20				0.57%
5097	Montgomery	Arkansas	03/24/20				0.69%
5099	Nevada	Arkansas	03/24/20				0.76%
5101	Newton	Arkansas	03/24/20				0.70%
5103	Ouachita	Arkansas	03/24/20				0.49%
5105	Perry	Arkansas	03/24/20				0.51%
5107	Phillips	Arkansas	03/24/20				0.80%
5109	Pike	Arkansas	04/08/20	08/19/20	4.33%	3.37%	0.66%
5111	Poinsett	Arkansas	03/30/20	08/19/20	7.30%	3.23%	0.60%
5113	Polk	Arkansas	04/01/20	08/19/20	17.88%	3.53%	0.53%
5115	Pope	Arkansas	03/30/20	08/19/20	22.99%	4.92%	0.60%
5117	Prairie	Arkansas	03/24/20				0.62%
5119	Pulaski	Arkansas	03/24/20	08/19/20	19.78%	3.08%	0.50%
5121	Randolph	Arkansas	03/24/20				0.54%

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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
5123	St. Francis	Arkansas	03/24/20				0.56%
5125	Saline	Arkansas	03/28/20	08/19/20	8.11%	3.90%	0.58%
5127	Scott	Arkansas	03/24/20				0.67%
5129	Searcy	Arkansas	04/04/20	08/19/20	7.64%	1.99%	0.28%
5131	Sebastian	Arkansas	03/24/20	08/19/20	69.31%	5.27%	0.85%
5133	Sevier	Arkansas	04/04/20	08/19/20	14.93%	4.69%	0.75%
5135	Sharp	Arkansas	03/24/20				0.63%
5137	Stone	Arkansas	03/30/20	08/19/20	22.99%	3.17%	0.40%
5139	Union	Arkansas	03/27/20	08/19/20	40.24%	4.29%	0.53%
5141	Van Buren	Arkansas	03/24/20	08/19/20	47.00%	1.77%	0.15%
5143	Washington	Arkansas	03/24/20	08/19/20	18.23%	4.81%	0.79%
5145	White	Arkansas	03/26/20	08/19/20	59.73%	4.06%	0.41%
5147	Woodruff	Arkansas	05/27/20	08/19/20	1.07%	2.19%	0.50%
5149	Yell	Arkansas	03/24/20				1.07%
6001	Alameda	California	03/25/20	08/19/20	13.83%	3.21%	0.45%
6003	Alpine	California	03/24/20				0.00%
6005	Amador	California	04/01/20	08/19/20	4.51%	3.27%	0.55%
6007	Butte	California	03/24/20	08/19/20	69.31%	4.45%	0.72%
6009	Calaveras	California	03/25/20	08/19/20	20.27%	3.02%	0.48%
6011	Colusa	California	03/24/20				0.76%
6013	Contra Costa	California	03/24/20	08/19/20	22.78%	3.31%	0.48%
6015	Del Norte	California	03/24/20				0.62%
6017	El Dorado	California	03/24/20	08/19/20	40.55%	4.08%	0.51%
6019	Fresno	California	03/24/20	08/19/20	32.54%	4.99%	0.72%
6021	Glenn	California	03/24/20				0.76%
6023	Humboldt	California	03/24/20	08/19/20	22.31%	2.99%	0.29%
6025	Imperial	California	03/24/20	08/19/20	40.55%	5.00%	0.74%
6027	Inyo	California	03/24/20				0.38%
6029	Kern	California	03/24/20	08/19/20	14.31%	5.13%	0.65%
6031	Kings	California	03/24/20				0.99%
6033	Lake	California	03/24/20				0.65%
6035	Lassen	California	03/24/20				1.32%

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	08/19/20	20.42%	3.92%	0.50%
6039	Madera	California	03/25/20	08/19/20	7.71%	4.23%	0.72%
6041	Marin	California	03/24/20	08/19/20	12.01%	3.24%	0.57%
6043	Mariposa	California	03/24/20				0.74%
6045	Mendocino	California	03/28/20	08/19/20	8.11%	3.80%	0.76%
6047	Merced	California	03/24/20	08/19/20	69.31%	5.96%	0.73%
6049	Modoc	California	03/24/20				0.83%
6051	Mono	California	03/24/20		138.63%)	0.32%
6053	Monterey	California	03/24/20	08/19/20	18.23%	3.91%	0.68%
6055	Napa	California	03/25/20	08/19/20	54.93%	4.34%	0.57%
6057	Nevada	California	03/24/20	08/19/20	28.77%	3.28%	0.38%
6059	Orange	California	03/24/20	08/19/20	20.72%	3.82%	0.55%
6061	Placer	California	03/24/20	08/19/20	40.55%	3.29%	0.48%
6063	Plumas	California	03/24/20				0.35%
6065	Riverside	California	03/24/20	08/19/20	17.65%	4.53%	0.52%
6067	Sacramento	California	03/24/20	08/19/20	25.01%	3.44%	0.47%
6069	San Benito	California	03/24/20	08/19/20	15.42%	3.36%	0.50%
6071	San Bernardii	nCalifornia	03/24/20	08/19/20	20.36%	4.86%	0.61%
6073	San Diego	California	03/24/20	08/19/20	5.17%	3.40%	0.46%
6075	San Francisco	oCalifornia	03/24/20	08/19/20	15.79%	2.71%	0.35%
6077	San Joaquin	California	03/24/20	08/19/20	28.77%	3.84%	0.63%
6079	San Luis Obis	California	03/24/20	08/19/20	9.10%	2.76%	0.48%
6081	San Mateo	California	03/24/20	08/19/20	2.45%	2.57%	0.37%
6083	Santa Barbara	aCalifornia	03/24/20	08/19/20	28.77%	4.05%	0.51%
6085	Santa Clara	California	03/24/20	08/19/20	20.21%	2.49%	0.35%
6087	Santa Cruz	California	03/24/20	08/19/20	8.70%	2.86%	0.44%
6089	Shasta	California	03/24/20	08/19/20	40.55%	3.73%	0.49%
6091	Sierra	California	03/24/20				0.40%
6093	Siskiyou	California	03/24/20	08/19/20	40.55%	2.71%	0.48%
6095	Solano	California	03/24/20	08/19/20	13.35%	3.67%	0.57%
6097	Sonoma	California	03/24/20	08/19/20	15.91%	3.44%	0.54%
6099	Stanislaus	California	03/24/20	08/19/20	8.70%	4.75%	0.72%

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
6101	Sutter	California	03/24/20				0.55%
6103	Tehama	California	03/24/20				0.90%
6105	Trinity	California	03/24/20				0.40%
6107	Tulare	California	03/25/20	08/19/20	2.86%	4.45%	0.63%
6109	Tuolumne	California	03/24/20				0.78%
6111	Ventura	California	03/24/20	08/19/20	10.82%	3.77%	0.53%
6113	Yolo	California	03/24/20	08/19/20	22.31%	3.75%	0.49%
6115	Yuba	California	03/24/20	08/19/20		3.77%	0.63%
8001	Adams	Colorado	03/24/20	08/19/20	7.70%	3.78%	0.37%
8003	Alamosa	Colorado	03/24/20				0.59%
8005	Arapahoe	Colorado	03/24/20	08/19/20	17.37%	3.28%	0.30%
8007	Archuleta	Colorado	03/24/20				0.30%
8009	Baca	Colorado	03/24/20				0.06%
8011	Bent	Colorado	03/24/20				0.47%
8013	Boulder	Colorado	03/24/20	08/19/20	22.83%	2.70%	0.32%
8014	Broomfield	Colorado	03/24/20	08/19/20	91.63%	3.71%	0.27%
8015	Chaffee	Colorado	03/25/20	08/19/20	25.54%	3.10%	0.37%
8017	Cheyenne	Colorado	03/24/20				0.29%
8019	Clear Creek	Colorado	03/30/20	08/19/20	4.11%	1.57%	0.15%
8021	Conejos	Colorado	03/24/20				0.65%
8023	Costilla	Colorado	03/24/20				0.33%
8025	Crowley	Colorado	04/11/20	08/19/20	3.65%	2.88%	0.66%
8027	Custer	Colorado	03/24/20				0.29%
8029	Delta	Colorado	03/24/20				0.51%
8031	Denver	Colorado	03/24/20	08/19/20	36.88%	2.88%	0.33%
8033	Dolores	Colorado	03/24/20				0.41%
8035	Douglas	Colorado	03/24/20	08/19/20	9.91%	2.46%	0.28%
8037	Eagle	Colorado	03/24/20	08/19/20	26.57%	1.70%	0.15%
8039	Elbert	Colorado	03/30/20	08/19/20	7.30%	2.46%	0.31%
8041	El Paso	Colorado	03/24/20	08/19/20	56.99%	2.95%	0.34%
8043	Fremont	Colorado	03/24/20				0.46%
8045	Garfield	Colorado	03/24/20	08/19/20	22.31%	3.10%	0.42%

	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
8047	Gilpin	Colorado	03/24/20				0.44%
8049	Grand	Colorado	03/30/20	08/19/20	9.90%	2.24%	0.40%
8051	Gunnison	Colorado	03/24/20	08/19/20	35.67%	1.55%	0.16%
8053	Hinsdale	Colorado	04/11/20	08/19/20	3.65%	0.74%	0.06%
8055	Huerfano	Colorado	03/24/20				0.30%
8057	Jackson	Colorado	03/24/20				0.78%
8059	Jefferson	Colorado	03/24/20	08/19/20	52.53%	2.96%	0.27%
8061	Kiowa	Colorado	03/24/20				0.00%
8063	Kit Carson	Colorado	03/24/20				0.32%
8065	Lake	Colorado	03/24/20				0.46%
8067	La Plata	Colorado	03/24/20				0.25%
8069	Larimer	Colorado	03/24/20	08/19/20	23.48%	2.64%	0.35%
8071	Las Animas	Colorado	03/24/20				0.35%
8073	Lincoln	Colorado	03/24/20				0.32%
8075	Logan	Colorado	03/27/20	08/19/20			0.60%
8077	Mesa	Colorado	03/25/20	08/19/20	9.12%	2.89%	0.36%
8079	Mineral	Colorado	03/24/20				0.34%
8081	Moffat	Colorado	03/24/20				0.36%
8083	Montezuma	Colorado	03/24/20				0.37%
8085	Montrose	Colorado	03/24/20		109.86%		0.27%
8087	Morgan	Colorado	03/27/20	08/19/20	7.19%	3.66%	0.37%
8089	Otero	Colorado	03/24/20				0.41%
8091	Ouray	Colorado	03/24/20				0.21%
8093	Park	Colorado	03/28/20	08/19/20	21.97%	2.51%	0.30%
8095	Phillips	Colorado	03/24/20				0.24%
8097	Pitkin	Colorado	03/25/20	08/19/20	12.26%	1.59%	0.21%
8099	Prowers	Colorado	03/24/20				0.65%
8101	Pueblo	Colorado	03/27/20	08/19/20	17.33%	3.73%	0.40%
8103	Rio Blanco	Colorado	03/24/20				0.46%
8105	Rio Grande	Colorado	03/24/20				0.45%
8107	Routt	Colorado	03/24/20	08/19/20	28.77%	2.53%	0.19%
8109	Saguache	Colorado	03/24/20				0.55%

	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				0.12%
8113	San Miguel	Colorado	03/30/20	08/19/20	19.80%	3.04%	0.32%
8115	Sedgwick	Colorado	03/24/20				0.87%
8117	Summit	Colorado	03/24/20	08/19/20	22.31%	2.53%	0.24%
8119	Teller	Colorado	03/25/20	08/19/20	42.36%	2.62%	0.36%
8121	Washington	Colorado	03/24/20				0.50%
8123	Weld	Colorado	03/24/20	08/19/20	55.39%	2.92%	0.26%
8125	Yuma	Colorado	03/25/20	08/19/20	34.66%	2.78%	0.53%
9001	Fairfield	Connecticut	03/24/20	08/19/20	35.20%	2.60%	0.18%
9003	Hartford	Connecticut	03/24/20	08/19/20	27.63%	3.35%	0.29%
9005	Litchfield	Connecticut	03/24/20	08/19/20	40.55%	2.89%	0.21%
9007	Middlesex	Connecticut	03/24/20	08/19/20	62.86%	3.48%	0.23%
9009	New Haven	Connecticut	03/24/20	08/19/20	35.56%	3.37%	0.23%
9011	New London	Connecticut	03/24/20	08/19/20	40.55%	3.71%	0.31%
9013	Tolland	Connecticut	03/24/20	08/19/20	35.14%	2.71%	0.28%
9015	Windham	Connecticut	03/25/20	08/19/20	20.27%	3.99%	0.38%
10001	Kent	Delaware	03/24/20	08/19/20	33.65%	3.71%	0.33%
10003	New Castle	Delaware	03/24/20	08/19/20	10.68%	3.15%	0.33%
10005	Sussex	Delaware	03/24/20	08/19/20	12.26%	3.76%	0.40%
11001	District of Col	District of Columbia	03/24/20	08/19/20	28.23%	3.06%	0.30%
12001	Alachua	Florida	03/24/20	08/19/20	19.57%	3.27%	0.48%
12003	Baker	Florida	03/24/20	08/19/20	22.31%	3.77%	0.66%
12005	Bay	Florida	03/25/20	08/19/20	54.93%	5.72%	0.76%
12007	Bradford	Florida	03/29/20	08/19/20	11.55%	4.31%	0.47%
12009	Brevard	Florida	03/24/20	08/19/20	20.07%	4.44%	0.60%
12011	Broward	Florida	03/24/20	08/19/20	13.23%	3.62%	0.48%
12013	Calhoun	Florida	03/24/20				0.71%
12015	Charlotte	Florida	03/26/20	08/19/20	17.03%	4.50%	0.47%
12017	Citrus	Florida	03/25/20	08/19/20	10.03%	3.59%	0.51%
12019	Clay	Florida	03/24/20	08/19/20	26.24%	3.95%	0.48%
12021	Collier	Florida	03/24/20	08/19/20	13.66%	3.76%	0.53%
12023	Columbia	Florida	04/01/20	08/19/20	3.20%	4.66%	0.73%

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

	Current Growth I	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
12027	DeSoto	Florida	03/25/20	08/19/20	80.47%	4.88%	0.68%
12029	Dixie	Florida	03/24/20)			0.88%
12031	Duval	Florida	03/24/20	08/19/20	11.33%	4.17%	0.56%
12033	Escambia	Florida	03/24/20	08/19/20	33.65%	4.67%	0.59%
12035	Flagler	Florida	03/24/20	08/19/20	22.31%	3.82%	0.51%
12037	Franklin	Florida	03/24/20	1			0.84%
12039	Gadsden	Florida	04/01/20	08/19/20	7.70%	5.13%	0.74%
12041	Gilchrist	Florida	03/24/20)			0.71%
12043	Glades	Florida	03/24/20	1			0.76%
12045	Gulf	Florida	03/24/20	1			1.02%
12047	Hamilton	Florida	03/24/20	1			0.89%
12049	Hardee	Florida	03/24/20	1			0.90%
12051	Hendry	Florida	03/24/20	1			0.70%
12053	Hernando	Florida	03/24/20	08/19/20	47.00%	4.13%	0.54%
12055	Highlands	Florida	03/25/20	08/19/20	11.16%	4.05%	0.53%
12057	Hillsborough	Florida	03/24/20	08/19/20	15.26%	4.00%	0.59%
12059	Holmes	Florida	03/24/20)			0.86%
12061	Indian River	Florida	03/24/20	08/19/20	8.70%	3.69%	0.55%
12063	Jackson	Florida	03/29/20	08/19/20	11.55%	5.16%	0.90%
12065	Jefferson	Florida	03/24/20	1			0.58%
12067	Lafayette	Florida	03/24/20	1			1.08%
12069	Lake	Florida	03/24/20	08/19/20	25.13%	4.05%	0.56%
12071	Lee	Florida	03/24/20	08/19/20	27.19%	4.24%	0.52%
12073	Leon	Florida	03/25/20	08/19/20	5.89%	4.40%	0.59%
12075	Levy	Florida	03/24/20	1			0.71%
12077	Liberty	Florida	03/24/20	1			0.92%
12079	Madison	Florida	03/24/20)			0.62%
12081	Manatee	Florida	03/24/20	08/19/20	31.85%	4.32%	0.58%
12083	Marion	Florida	03/24/20	08/19/20	22.31%	5.07%	0.68%
12085	Martin	Florida	03/25/20	08/19/20	34.66%	4.64%	0.54%
12086	Miami-Dade	Florida	03/24/20	08/19/20	16.84%	4.09%	0.47%
12087	Monroe	Florida	03/24/20	08/19/20	98.08%	4.24%	0.52%

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	Current Growth F	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
12089	Nassau	Florida	03/25/20	08/19/20	80.47%	4.86%	0.57%
12091	Okaloosa	Florida	03/24/20	08/19/20	13.35%	3.77%	0.56%
12093	Okeechobee	Florida	03/24/20				0.84%
12095	Orange	Florida	03/24/20	08/19/20	43.18%	4.38%	0.55%
12097	Osceola	Florida	03/24/20	08/19/20	29.73%	4.03%	0.54%
12099	Palm Beach	Florida	03/24/20	08/19/20	15.56%	4.01%	0.49%
12101	Pasco	Florida	03/24/20	08/19/20	12.52%	4.18%	0.59%
12103	Pinellas	Florida	03/24/20	08/19/20	10.54%	4.06%	0.57%
12105	Polk	Florida	03/24/20	08/19/20	7.41%	4.77%	0.64%
12107	Putnam	Florida	03/24/20	08/19/20	69.31%	4.51%	0.56%
12109	St. Johns	Florida	03/24/20	08/19/20	16.71%	3.50%	0.48%
12111	St. Lucie	Florida	03/24/20	08/19/20	28.77%	4.69%	0.58%
12113	Santa Rosa	Florida	03/24/20	08/19/20	55.96%	4.69%	0.57%
12115	Sarasota	Florida	03/24/20	08/19/20	3.77%	3.74%	0.53%
12117	Seminole	Florida	03/24/20	08/19/20	23.18%	3.90%	0.52%
12119	Sumter	Florida	03/24/20	08/19/20	26.24%	3.42%	0.42%
12121	Suwannee	Florida	03/24/20				0.54%
12123	Taylor	Florida	03/24/20				1.08%
12125	Union	Florida	03/24/20				0.85%
12127	Volusia	Florida	03/24/20	08/19/20	10.54%	4.15%	0.58%
12129	Wakulla	Florida	03/24/20				0.73%
12131	Walton	Florida	03/24/20	08/19/20	18.23%	3.38%	0.61%
12133	Washington	Florida	03/24/20				0.84%
13001	Appling	Georgia	03/24/20				0.69%
13003	Atkinson	Georgia	03/24/20				0.80%
13005	Bacon	Georgia	03/24/20				0.54%
13007	Baker	Georgia	03/24/20	08/19/20	40.55%	2.41%	0.27%
13009	Baldwin	Georgia	03/29/20	08/19/20	6.76%	4.32%	0.48%
13011	Banks	Georgia	03/24/20				0.58%
13013	Barrow	Georgia	03/24/20	08/19/20	69.31%	4.92%	0.51%
13015	Bartow	Georgia	03/24/20	08/19/20	5.26%	2.26%	0.36%
13017	Ben Hill	Georgia	03/26/20	08/19/20	23.10%	4.26%	0.65%

	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
13019	Berrien	Georgia	03/24/20				0.62%
13021	Bibb	Georgia	03/24/20	08/19/20	40.55%	4.69%	0.64%
13023	Bleckley	Georgia	03/24/20				0.87%
13025	Brantley	Georgia	03/24/20				0.56%
13027	Brooks	Georgia	03/24/20				0.50%
13029	Bryan	Georgia	03/25/20	08/19/20	20.27%	4.00%	0.51%
13031	Bulloch	Georgia	03/24/20				0.70%
13033	Burke	Georgia	03/26/20	08/19/20	36.62%	4.30%	0.47%
13035	Butts	Georgia	03/25/20	08/19/20	20.27%	3.74%	0.44%
13037	Calhoun	Georgia	03/24/20				0.25%
13039	Camden	Georgia	03/25/20	08/19/20	34.66%	4.57%	0.58%
13043	Candler	Georgia	03/24/20				0.65%
13045	Carroll	Georgia	03/24/20	08/19/20	3.77%	2.96%	0.36%
13047	Catoosa	Georgia	03/28/20	08/19/20	21.97%	4.44%	0.63%
13049	Charlton	Georgia	04/04/20	08/19/20	5.78%	4.18%	0.79%
13051	Chatham	Georgia	03/25/20	08/19/20	12.57%	4.59%	0.58%
13053	Chattahooch	ie Georgia	03/24/20				0.87%
13055	Chattooga	Georgia	03/30/20	08/19/20	15.69%	4.01%	0.67%
13057	Cherokee	Georgia	03/24/20	08/19/20	10.18%	3.36%	0.48%
13059	Clarke	Georgia	03/24/20	08/19/20	17.19%	3.35%	0.53%
13061	Clay	Georgia	03/24/20				0.31%
13063	Clayton	Georgia	03/24/20	08/19/20	4.65%	3.78%	0.43%
13065	Clinch	Georgia	04/01/20	08/19/20	7.70%	3.63%	0.66%
13067	Cobb	Georgia	03/24/20	08/19/20	16.08%	3.48%	0.47%
13069	Coffee	Georgia	03/26/20	08/19/20	13.52%	4.51%	0.52%
13071	Colquitt	Georgia	03/25/20	08/19/20	34.66%	4.51%	0.46%
13073	Columbia	Georgia	03/24/20	08/19/20	40.55%	4.41%	0.57%
13075	Cook	Georgia	03/24/20				0.65%
13077	Coweta	Georgia	03/25/20	08/19/20	9.12%	3.53%	0.45%
13079	Crawford	Georgia	03/24/20				0.58%
13081	Crisp	Georgia	03/25/20	08/19/20	14.38%	3.32%	0.27%
13083	Dade	Georgia	03/24/20				0.78%

	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
13085	Dawson	Georgia	03/25/20	08/19/20	54.93%	4.23%	0.47%
13087	Decatur	Georgia	03/24/20				0.52%
13089	DeKalb	Georgia	03/24/20	08/19/20	21.03%	3.43%	0.44%
13091	Dodge	Georgia	03/24/20				0.46%
13093	Dooly	Georgia	03/24/20				0.29%
13095	Dougherty	Georgia	03/24/20	08/19/20	19.15%	2.32%	0.14%
13097	Douglas	Georgia	03/24/20	08/19/20	43.53%	3.76%	0.46%
13099	Early	Georgia	03/24/20	08/19/20	91.63%	3.54%	0.17%
13101	Echols	Georgia	03/24/20				0.73%
13103	Effingham	Georgia	03/24/20	08/19/20	40.55%	4.09%	0.57%
13105	Elbert	Georgia	03/24/20				0.76%
13107	Emanuel	Georgia	03/24/20				0.67%
13109	Evans	Georgia	03/24/20				0.89%
13111	Fannin	Georgia	03/24/20				0.58%
13113	Fayette	Georgia	03/25/20	08/19/20	7.71%	3.19%	0.41%
13115	Floyd	Georgia	03/24/20	08/19/20	24.12%	3.46%	0.44%
13117	Forsyth	Georgia	03/24/20	08/19/20	11.78%	3.91%	0.47%
13119	Franklin	Georgia	03/24/20				0.73%
13121	Fulton	Georgia	03/24/20	08/19/20	7.33%	3.24%	0.42%
13123	Gilmer	Georgia	03/24/20				0.71%
13125	Glascock	Georgia	03/24/20				0.66%
13127	Glynn	Georgia	03/26/20	08/19/20	6.08%	4.25%	0.68%
13129	Gordon	Georgia	03/24/20	08/19/20	13.35%	3.56%	0.58%
13131	Grady	Georgia	03/24/20				0.56%
13133	Greene	Georgia	03/24/20	08/19/20	69.31%	4.00%	0.42%
13135	Gwinnett	Georgia	03/24/20	08/19/20	6.45%	4.17%	0.54%
13137	Habersham	Georgia	03/24/20				0.69%
13139	Hall	Georgia	03/24/20	08/19/20	30.54%	4.16%	0.49%
13141	Hancock	Georgia	03/24/20				0.71%
13143	Haralson	Georgia	03/24/20				0.42%
13145	Harris	Georgia	03/28/20	08/19/20	13.86%	4.40%	0.56%
13147	Hart	Georgia	03/24/20				0.73%

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

	Current Growth I	Rate Compared	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day		First Rate	Current Rate	Rate
13149	Heard	Georgia	03/31/20		13.73%		0.60%
13151	Henry	Georgia	03/25/20	08/19/20	32.70%	3.84%	0.42%
13153	Houston	Georgia	03/24/20		51.08%	4.47%	0.47%
13155	Irwin	Georgia	03/24/20	08/19/20	69.31%	3.52%	0.43%
13157	Jackson	Georgia	03/24/20				0.59%
13159	Jasper	Georgia	03/24/20	08/19/20	69.31%	3.51%	0.53%
13161	Jeff Davis	Georgia	03/24/20				0.97%
13163	Jefferson	Georgia	03/24/20				0.73%
13165	Jenkins	Georgia	03/24/20				0.53%
13167	Johnson	Georgia	03/24/20				0.41%
13169	Jones	Georgia	03/24/20				0.54%
13171	Lamar	Georgia	03/27/20	08/19/20	-10.14%	3.10%	0.44%
13173	Lanier	Georgia	03/24/20				0.59%
13175	Laurens	Georgia	03/24/20		18.23%		0.56%
13177	Lee	Georgia	03/24/20		22.31%		0.15%
13179	Liberty	Georgia	03/27/20		17.33%		0.59%
13181	Lincoln	Georgia	03/26/20	08/19/20	36.62%	3.49%	0.47%
13183	Long	Georgia	03/24/20				0.77%
13185	Lowndes	Georgia	03/24/20	08/19/20	9.53%	3.89%	0.62%
13187	Lumpkin	Georgia	03/25/20	08/19/20	14.38%	3.42%	0.60%
13189	McDuffie	Georgia	03/24/20				0.43%
13191	McIntosh	Georgia	03/24/20				0.63%
13193	Macon	Georgia	03/30/20	08/19/20	9.90%	3.53%	0.33%
13195	Madison	Georgia	03/25/20	08/19/20	34.66%	4.14%	0.61%
13197	Marion	Georgia	03/24/20				0.42%
13199	Meriwether	Georgia	03/26/20	08/19/20	36.62%		0.45%
13201	Miller	Georgia	03/24/20	08/19/20	69.31%	3.49%	0.44%
13205	Mitchell	Georgia	03/24/20	08/19/20	28.77%	3.64%	0.25%
13207	Monroe	Georgia	03/30/20	08/19/20	4.11%	3.46%	0.58%
13209	Montgomery	Georgia	03/24/20				0.70%
13211	Morgan	Georgia	03/30/20	08/19/20	9.90%	3.95%	0.49%
13213	Murray	Georgia	03/24/20				0.59%

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	08/19/20	28.77%	5.00%	0.55%
13217	Newton	Georgia	03/24/20	08/19/20	33.65%	4.05%	0.51%
13219	Oconee	Georgia	03/25/20	08/19/20	16.82%	3.07%	0.39%
13221	Oglethorpe	Georgia	03/24/20				0.48%
13223	Paulding	Georgia	03/25/20	08/19/20	7.71%	3.89%	0.49%
13225	Peach	Georgia	03/24/20	08/19/20	28.77%	3.42%	0.48%
13227	Pickens	Georgia	03/27/20	08/19/20	5.58%	3.19%	0.58%
13229	Pierce	Georgia	03/28/20	08/19/20	13.86%	4.14%	0.36%
13231	Pike	Georgia	03/24/20				0.42%
13233	Polk	Georgia	03/25/20	08/19/20	11.16%	3.25%	0.58%
13235	Pulaski	Georgia	03/27/20	08/19/20	17.33%	3.39%	0.43%
13237	Putnam	Georgia	03/24/20				0.68%
13239	Quitman	Georgia	03/24/20				0.36%
13241	Rabun	Georgia	03/24/20				0.56%
13243	Randolph	Georgia	03/26/20	08/19/20	36.62%	3.82%	0.15%
13245	Richmond	Georgia	03/25/20	08/19/20	-4.77%	4.17%	0.56%
13247	Rockdale	Georgia	03/24/20	08/19/20	25.13%	3.62%	0.43%
13249	Schley	Georgia	03/24/20				0.31%
13251	Screven	Georgia	03/24/20				0.54%
13253	Seminole	Georgia	03/24/20				0.43%
13255	Spalding	Georgia	03/24/20	08/19/20	18.23%	3.60%	0.42%
13257	Stephens	Georgia	03/24/20	08/19/20	69.31%	4.42%	0.57%
13259	Stewart	Georgia	03/24/20				0.58%
13261	Sumter	Georgia	03/24/20	08/19/20	91.63%	4.02%	0.19%
13263	Talbot	Georgia	03/24/20				0.44%
13265	Taliaferro	Georgia	03/24/20				0.52%
13267	Tattnall	Georgia	03/25/20	08/19/20	34.66%	4.32%	0.74%
13269	Taylor	Georgia	03/24/20				0.47%
13271	Telfair	Georgia	03/24/20				0.54%
13273	Terrell	Georgia	03/25/20	08/19/20	25.54%	3.11%	0.16%
13275	Thomas	Georgia	03/24/20				0.43%
13277	Tift	Georgia	03/24/20	08/19/20	91.63%	4.41%	0.49%

	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				0.69%
13281	Towns	Georgia	03/24/20				0.62%
13283	Treutlen	Georgia	03/24/20				0.78%
13285	Troup	Georgia	03/25/20	08/19/20	25.54%	4.04%	0.58%
13287	Turner	Georgia	03/25/20	08/19/20	34.66%	3.75%	0.29%
13289	Twiggs	Georgia	03/24/20	08/19/20	69.31%	3.35%	0.65%
13291	Union	Georgia	03/24/20				0.63%
13293	Upson	Georgia	03/24/20				0.37%
13295	Walker	Georgia	03/24/20				0.76%
13297	Walton	Georgia	03/25/20	08/19/20		4.83%	0.54%
13299	Ware	Georgia	03/24/20				0.49%
13301	Warren	Georgia	03/24/20				0.43%
13303	Washington	Georgia	03/24/20	08/19/20	69.31%	4.26%	0.50%
13305	Wayne	Georgia	03/24/20				0.83%
13307	Webster	Georgia	03/24/20				0.39%
13309	Wheeler	Georgia	03/24/20				0.63%
13311	White	Georgia	03/24/20				0.55%
13313	Whitfield	Georgia	03/24/20	08/19/20	69.31%	5.07%	0.80%
13315	Wilcox	Georgia	03/24/20				0.33%
13317	Wilkes	Georgia	03/24/20				0.54%
13319	Wilkinson	Georgia	03/24/20				0.48%
13321	Worth	Georgia	03/25/20	08/19/20	11.16%	3.21%	0.27%
15001	Hawaii	Hawaii	03/25/20	08/19/20	34.66%	2.96%	0.22%
15003	Honolulu	Hawaii	03/25/20	08/19/20	7.95%	3.04%	0.41%
15005	Kalawao	Hawaii	03/24/20				0.00%
15007	Kauai	Hawaii	03/25/20	08/19/20	34.66%	2.68%	0.15%
15009	Maui	Hawaii	03/25/20	08/19/20	18.39%	2.27%	0.18%
16001	Ada	Idaho	03/24/20	08/19/20	23.36%	4.23%	0.46%
16003	Adams	Idaho	03/24/20				0.48%
16005	Bannock	Idaho	03/25/20	08/19/20	20.27%	3.77%	0.72%
16007	Bear Lake	Idaho	03/24/20				1.26%
16009	Benewah	Idaho	03/24/20				0.80%

	Current Growth	Rate Com	pared to First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
16011	Bingham	Idaho	03/26/20	08/19/20	-23.10%	3.53%	0.80%
16013	Blaine	Idaho	03/24/20	08/19/20	10.54%	1.88%	0.04%
16015	Boise	Idaho	03/24/20				1.43%
16017	Bonner	Idaho	03/24/20				0.60%
16019	Bonneville	Idaho	03/24/20				0.73%
16021	Boundary	Idaho	03/24/20				0.58%
16023	Butte	Idaho	03/24/20				3.96%
16025	Camas	Idaho	03/24/20				0.11%
16027	Canyon	Idaho	03/25/20	08/19/20	47.78%	4.83%	0.59%
16029	Caribou	Idaho	03/24/20				0.54%
16031	Cassia	Idaho	04/02/20	08/19/20	10.99%	4.26%	0.70%
16033	Clark	Idaho	03/24/20				1.69%
16035	Clearwater	Idaho	03/24/20				1.07%
16037	Custer	Idaho	03/24/20				0.32%
16039	Elmore	Idaho	03/24/20				0.42%
16041	Franklin	Idaho	03/24/20				0.97%
16043	Fremont	Idaho	03/24/20				0.60%
16045	Gem	Idaho	03/24/20				0.47%
16047	Gooding	Idaho	03/24/20				0.56%
16049	Idaho	Idaho	03/24/20				0.39%
16051	Jefferson	Idaho	03/31/20	08/19/20	5.07%	3.34%	0.65%
16053	Jerome	Idaho	03/24/20				0.46%
16055	Kootenai	Idaho	03/25/20	08/19/20	5.89%	3.72%	0.59%
16057	Latah	Idaho	03/24/20				0.61%
16059	Lemhi	Idaho	03/24/20				0.70%
16061	Lewis	Idaho	03/24/20				0.00%
16063	Lincoln	Idaho	03/24/20				0.23%
16065	Madison	Idaho	03/30/20	08/19/20	13.09%	3.11%	0.57%
16067	Minidoka	Idaho	03/24/20				0.75%
16069	Nez Perce	Idaho	03/24/20				0.39%
16071	Oneida	Idaho	03/24/20				0.86%
16073	Owyhee	Idaho	03/24/20				0.65%

	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
16075	Payette	Idaho	03/24/20				0.65%
16077	Power	Idaho	03/24/20				0.56%
16079	Shoshone	Idaho	03/24/20				2.14%
16081	Teton	Idaho	04/01/20	08/19/20	4.51%	2.68%	0.44%
16083	Twin Falls	Idaho	03/26/20	08/19/20	36.62%	4.94%	0.47%
16085	Valley	Idaho	03/30/20	08/19/20	9.90%	2.92%	0.56%
16087	Washington	Idaho	03/24/20				0.84%
17001	Adams	Illinois	03/28/20	08/19/20	13.86%	4.39%	0.51%
17003	Alexander	Illinois	03/24/20				0.59%
17005	Bond	Illinois	03/24/20				0.48%
17007	Boone	Illinois	03/24/20				0.75%
17009	Brown	Illinois	03/24/20				0.49%
17011	Bureau	Illinois	03/24/20				0.62%
17013	Calhoun	Illinois	03/24/20				0.44%
17015	Carroll	Illinois	03/24/20				0.48%
17017	Cass	Illinois	03/24/20				0.62%
17019	Champaign	Illinois	03/25/20	08/19/20	45.81%	4.11%	0.47%
17021	Christian	Illinois	03/28/20	08/19/20	35.84%	3.43%	0.31%
17023	Clark	Illinois	03/24/20				0.53%
17025	Clay	Illinois	03/24/20				0.60%
17027	Clinton	Illinois	03/24/20	08/19/20	28.77%	3.50%	0.40%
17029	Coles	Illinois	03/24/20				0.72%
17031	Cook	Illinois	03/24/20	08/19/20	17.19%	3.09%	0.32%
17033	Crawford	Illinois	03/24/20				0.35%
17035	Cumberland	Illinois	04/09/20	08/19/20	4.08%	2.99%	0.57%
17037	DeKalb	Illinois	03/26/20	08/19/20	46.21%	4.65%	0.52%
17039	De Witt	Illinois	03/24/20				0.56%
17041	Douglas	Illinois	03/24/20				0.41%
17043	DuPage	Illinois	03/24/20	08/19/20	24.05%	3.27%	0.38%
17045	Edgar	Illinois	03/24/20				0.81%
17047	Edwards	Illinois	03/24/20				0.54%
17049	Effingham	Illinois	03/24/20				0.76%

	Current Growth	Rate Compa	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				0.31%
17053	Ford	Illinois	03/24/20				0.46%
17055	Franklin	Illinois	03/24/20				0.65%
17057	Fulton	Illinois	03/24/20				0.61%
17059	Gallatin	Illinois	03/24/20				0.61%
17061	Greene	Illinois	03/24/20				0.68%
17063	Grundy	Illinois	03/26/20	08/19/20	23.10%	4.04%	0.45%
17065	Hamilton	Illinois	03/24/20				0.59%
17067	Hancock	Illinois	03/24/20				0.71%
17069	Hardin	Illinois	03/24/20				0.48%
17071	Henderson	Illinois	03/24/20				0.51%
17073	Henry	Illinois	03/24/20				0.42%
17075	Iroquois	Illinois	03/24/20				0.52%
17077	Jackson	Illinois	03/27/20	08/19/20	17.33%	4.50%	0.51%
17079	Jasper	Illinois	03/24/20				0.48%
17081	Jefferson	Illinois	03/24/20				0.59%
17083	Jersey	Illinois	03/24/20				0.52%
17085	Jo Daviess	Illinois	03/31/20	08/19/20	13.73%	3.37%	0.40%
17087	Johnson	Illinois	03/24/20				0.69%
17089	Kane	Illinois	03/24/20	08/19/20	45.95%	4.08%	0.51%
17091	Kankakee	Illinois	03/24/20	08/19/20	40.55%	4.16%	0.35%
17093	Kendall	Illinois	03/24/20	08/19/20	40.55%	3.99%	0.41%
17095	Knox	Illinois	03/24/20				0.81%
17097	Lake	Illinois	03/24/20	08/19/20	22.49%	3.23%	0.34%
17099	LaSalle	Illinois	03/26/20	08/19/20		3.92%	0.59%
17101	Lawrence	Illinois	03/24/20				0.54%
17103	Lee	Illinois	03/24/20				0.42%
17105	Livingston	Illinois	03/26/20	08/19/20	23.10%	3.39%	0.34%
17107	Logan	Illinois	03/24/20				0.65%
17109	McDonough	Illinois	03/24/20				0.76%
17111	McHenry	Illinois	03/24/20	08/19/20	30.54%	3.70%	0.41%
17113	McLean	Illinois	03/25/20	08/19/20	6.68%	3.26%	0.38%

	Current Growth I	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
17115	Macon	Illinois	03/24/20				0.48%
17117	Macoupin	Illinois	03/24/20				0.43%
17119	Madison	Illinois	03/24/20	08/19/20	40.55%	4.99%	0.52%
17121	Marion	Illinois	03/24/20				0.42%
17123	Marshall	Illinois	03/24/20				0.55%
17125	Mason	Illinois	03/24/20				0.47%
17127	Massac	Illinois	03/24/20				0.49%
17129	Menard	Illinois	03/24/20				0.53%
17131	Mercer	Illinois	03/24/20				0.57%
17133	Monroe	Illinois	03/24/20	08/19/20	69.31%	3.97%	0.32%
17135	Montgomery	Illinois	03/24/20				0.51%
17137	Morgan	Illinois	03/24/20				0.58%
17139	Moultrie	Illinois	03/24/20				0.63%
17141	Ogle	Illinois	03/24/20				0.49%
17143	Peoria	Illinois	03/24/20	08/19/20	28.77%	4.38%	0.67%
17145	Perry	Illinois	03/24/20				0.84%
17147	Piatt	Illinois	03/24/20				0.38%
17149	Pike	Illinois	03/24/20				0.56%
17151	Pope	Illinois	03/24/20				0.46%
17153	Pulaski	Illinois	03/24/20				0.46%
17155	Putnam	Illinois	03/24/20				0.39%
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%		0.47%
17163	St. Clair	Illinois	03/26/20	08/19/20	25.40%	4.36%	0.49%
17165	Saline	Illinois	03/24/20				0.60%
17167	Sangamon	Illinois	03/26/20	08/19/20	11.22%	3.85%	0.55%
17169	Schuyler	Illinois	03/24/20				0.45%
17171	Scott	Illinois	03/24/20				1.49%
17173	Shelby	Illinois	03/24/20				0.52%
17175	Stark	Illinois	03/24/20				0.30%
17177	Stephenson	Illinois	03/26/20	08/19/20	23.10%	3.94%	0.58%

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

	Current Growth F	Rate Compared	o 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				0.75%
17183	Vermilion	Illinois	03/24/20				0.54%
17185	Wabash	Illinois	03/24/20				0.57%
17187	Warren	Illinois	03/24/20				0.72%
17189	Washington	Illinois	04/05/20	08/19/20	5.33%	2.94%	0.56%
17191	Wayne	Illinois	03/24/20				0.70%
17193	White	Illinois	03/24/20				0.76%
17195	Whiteside	Illinois	03/26/20	08/19/20	23.10%	4.05%	0.43%
17197	Will	Illinois	03/24/20	08/19/20	35.67%	3.97%	0.33%
17199	Williamson	Illinois	03/24/20				0.63%
17201	Winnebago	Illinois	03/24/20	08/19/20	33.65%	4.48%	0.58%
17203	Woodford	Illinois	03/28/20	08/19/20	5.75%	2.86%	0.52%
18001	Adams	Indiana	04/03/20	08/19/20	6.30%	3.35%	0.55%
18003	Allen	Indiana	03/25/20		6.68%	4.33%	
18005	Bartholomew	Indiana	03/25/20	08/19/20	9.12%	3.52%	
18007	Benton	Indiana	03/24/20				0.55%
18009	Blackford	Indiana	03/24/20				0.39%
18011	Boone	Indiana	03/24/20	08/19/20	28.77%	3.71%	
18013	Brown	Indiana	03/26/20	08/19/20	23.10%	2.95%	
18015	Carroll	Indiana	03/24/20				0.59%
18017	Cass	Indiana	03/24/20				0.69%
18019	Clark	Indiana	03/24/20	08/19/20	18.23%	3.83%	
18021	Clay	Indiana	03/24/20				0.43%
18023	Clinton	Indiana	03/24/20				0.59%
18025	Crawford	Indiana	03/24/20				0.23%
18027	Daviess	Indiana	03/24/20				0.55%
18029	Dearborn	Indiana	03/25/20				
18031	Decatur	Indiana	03/24/20		15.42%	2.75%	
18033	DeKalb	Indiana	03/24/20				0.61%
18035	Delaware	Indiana	03/24/20				
18037	Dubois	Indiana	03/28/20	08/19/20	13.86%	4.46%	0.62%

	Current Growth	Rate Compared to	First Day Growth Rat	te	Confirme	ed Cases	Active Case
FIPS	County	State	First Day L	ast Day	First Rate	Current Rate	Rate
18039	Elkhart	Indiana	03/24/20	08/19/20	22.31%		0.64%
18041	Fayette	Indiana	03/24/20	08/19/20	40.55%	3.25%	0.40%
18043	Floyd	Indiana	03/25/20	08/19/20	7.71%	3.39%	0.33%
18045	Fountain	Indiana	03/24/20				0.56%
18047	Franklin	Indiana	03/25/20	08/19/20	30.95%	2.42%	0.20%
18049	Fulton	Indiana	03/24/20				0.63%
18051	Gibson	Indiana	03/25/20	08/19/20	20.27%	3.29%	0.64%
18053	Grant	Indiana	03/26/20	08/19/20	17.03%	3.50%	0.42%
18055	Greene	Indiana	03/24/20	08/19/20		3.83%	0.41%
18057	Hamilton	Indiana	03/24/20	08/19/20	18.23%	3.28%	0.30%
18059	Hancock	Indiana	03/24/20	08/19/20	69.31%	3.50%	0.28%
18061	Harrison	Indiana	03/24/20				0.30%
18063	Hendricks	Indiana	03/24/20	08/19/20	14.31%	3.40%	0.28%
18065	Henry	Indiana	03/24/20				0.47%
18067	Howard	Indiana	03/26/20	08/19/20	5.14%	3.43%	0.47%
18069	Huntington	Indiana	03/24/20				0.48%
18071	Jackson	Indiana	03/25/20	08/19/20	34.66%	4.34%	0.34%
18073	Jasper	Indiana	03/24/20				0.44%
18075	Jay	Indiana	03/24/20				0.50%
18077	Jefferson	Indiana	03/24/20				0.42%
18079	Jennings	Indiana	03/24/20	08/19/20	40.55%	3.21%	0.21%
18081	Johnson	Indiana	03/24/20	08/19/20	28.77%	3.12%	0.27%
18083	Knox	Indiana	03/24/20				0.40%
18085	Kosciusko	Indiana	03/24/20				0.61%
18087	LaGrange	Indiana	03/24/20				0.61%
18089	Lake	Indiana	03/24/20	08/19/20	11.12%	4.16%	0.37%
18091	LaPorte	Indiana	03/27/20	08/19/20	17.33%	4.20%	0.54%
18093	Lawrence	Indiana	03/25/20	08/19/20	34.66%	3.97%	0.27%
18095	Madison	Indiana	03/24/20	08/19/20	28.77%	3.99%	0.23%
18097	Marion	Indiana	03/24/20	08/19/20	33.91%	3.13%	0.27%
18099	Marshall	Indiana	03/24/20				0.58%
18101	Martin	Indiana	03/24/20				0.37%

	Current Growth F	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
18103	Miami	Indiana	03/29/20				0.44%
18105	Monroe	Indiana	03/24/20	08/19/20	28.77%	3.77%	0.35%
18107	Montgomery	Indiana	03/25/20	08/19/20	34.66%	3.98%	0.43%
18109	Morgan	Indiana	03/24/20	08/19/20	51.08%	3.47%	0.25%
18111	Newton	Indiana	03/24/20				0.23%
18113	Noble	Indiana	03/27/20	08/19/20	17.33%	4.44%	0.62%
18115	Ohio	Indiana	04/20/20	08/19/20	2.48%	2.83%	0.63%
18117	Orange	Indiana	03/24/20				0.39%
18119	Owen	Indiana	03/24/20	08/19/20	69.31%	2.76%	0.29%
18121	Parke	Indiana	03/24/20				0.34%
18123	Perry	Indiana	03/24/20				0.63%
18125	Pike	Indiana	03/24/20				0.67%
18127	Porter	Indiana	03/24/20		109.86%		0.39%
18129	Posey	Indiana	03/24/20				0.56%
18131	Pulaski	Indiana	03/24/20				0.69%
18133	Putnam	Indiana	03/24/20	08/19/20	69.31%	4.00%	0.39%
18135	Randolph	Indiana	03/24/20				0.41%
18137	Ripley	Indiana	03/24/20	08/19/20	15.42%	2.44%	0.15%
18139	Rush	Indiana	03/24/20				0.32%
18141	St. Joseph	Indiana	03/24/20	08/19/20	5.41%	3.63%	0.47%
18143	Scott	Indiana	04/01/20	08/19/20	17.88%	3.81%	0.45%
18145	Shelby	Indiana	03/24/20	08/19/20	69.31%	4.29%	0.32%
18147	Spencer	Indiana	03/24/20				0.59%
18149	Starke	Indiana	03/24/20	08/19/20	-69.31%	3.04%	0.46%
18151	Steuben	Indiana	03/24/20				0.46%
18153	Sullivan	Indiana	03/24/20				0.54%
18155	Switzerland	Indiana	03/24/20				0.24%
18157	Tippecanoe	Indiana	03/24/20	08/19/20	28.77%	4.12%	0.53%
18159	Tipton	Indiana	03/28/20	08/19/20	13.86%	2.97%	0.43%
18161	Union	Indiana	03/24/20				0.35%
18163	Vanderburgh	Indiana	03/25/20	08/19/20	69.31%	5.18%	0.57%
18165	Vermillion	Indiana	03/24/20				0.48%

	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
18167	Vigo	Indiana	03/27/20	08/19/20	7.19%	3.85%	0.48%
18169	Wabash	Indiana	03/24/20				0.50%
18171	Warren	Indiana	03/24/20				0.41%
18173	Warrick	Indiana	03/24/20	08/19/20		4.35%	0.45%
18175	Washington	Indiana	03/25/20	08/19/20	20.27%	2.97%	0.29%
18177	Wayne	Indiana	03/24/20				0.51%
18179	Wells	Indiana	03/30/20	08/19/20	9.90%	3.50%	0.59%
18181	White	Indiana	03/24/20				0.75%
18183	Whitley	Indiana	03/24/20				0.42%
19001	Adair	Iowa	05/04/20	08/19/20	1.65%	2.51%	0.57%
19003	Adams	Iowa	03/24/20				0.61%
19005	Allamakee	Iowa	03/24/20	08/19/20	15.42%	2.22%	0.32%
19007	Appanoose	Iowa	03/24/20				0.64%
19009	Audubon	Iowa	03/24/20				0.52%
19011	Benton	Iowa	03/24/20				0.37%
19013	Black Hawk	Iowa	03/25/20	08/19/20	11.16%	4.53%	0.66%
19015	Boone	Iowa	03/24/20				0.66%
19017	Bremer	Iowa	03/24/20				0.68%
19019	Buchanan	Iowa	03/27/20	08/19/20	17.33%	3.39%	0.47%
19021	Buena Vista	Iowa	03/24/20				1.05%
19023	Butler	Iowa	03/24/20				0.76%
19025	Calhoun	Iowa	03/24/20				0.81%
19027	Carroll	Iowa	04/29/20	08/19/20	1.87%	3.75%	0.85%
19029	Cass	Iowa	03/24/20				0.71%
19031	Cedar	Iowa	03/25/20	08/19/20	69.31%	3.33%	0.30%
19033	Cerro Gordo	Iowa	03/26/20	08/19/20	13.52%	3.92%	0.60%
19035	Cherokee	Iowa	03/24/20				0.79%
19037	Chickasaw	Iowa	03/24/20				0.56%
19039	Clarke	Iowa	03/24/20				0.72%
19041	Clay	Iowa	03/24/20				0.72%
19043	Clayton	Iowa	03/24/20				0.45%
19045	Clinton	Iowa	03/24/20				0.46%

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

	Current Growth	Rate Com	pared to First 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				0.75%
19049	Dallas	Iowa	03/26/20	08/19/20	8.38%	3.81%	0.61%
19051	Davis	Iowa	03/24/20				0.75%
19053	Decatur	Iowa	03/24/20				0.62%
19055	Delaware	Iowa	03/24/20				0.66%
19057	Des Moines	Iowa	03/24/20				0.68%
19059	Dickinson	Iowa	03/24/20				0.92%
19061	Dubuque	Iowa	03/26/20	08/19/20	9.59%	3.85%	0.61%
19063	Emmet	Iowa	03/24/20				0.91%
19065	Fayette	Iowa	03/27/20	08/19/20	17.33%	3.18%	0.52%
19067	Floyd	Iowa	03/24/20				0.92%
19069	Franklin	Iowa	03/24/20				0.85%
19071	Fremont	Iowa	03/24/20				0.74%
19073	Greene	Iowa	03/24/20				0.58%
19075	Grundy	Iowa	03/24/20				0.70%
19077	Guthrie	Iowa	03/24/20				0.77%
19079	Hamilton	Iowa	03/24/20				0.73%
19081	Hancock	Iowa	03/24/20	08/19/20	40.55%	2.80%	0.57%
19083	Hardin	Iowa	03/24/20				0.81%
19085	Harrison	Iowa	03/26/20	08/19/20	28.24%	2.52%	0.36%
19087	Henry	Iowa	03/26/20	08/19/20	23.10%	3.52%	0.35%
19089	Howard	Iowa	03/24/20				0.66%
19091	Humboldt	Iowa	03/24/20				0.75%
19093	Ida	Iowa	03/24/20				0.71%
19095	Iowa	Iowa	03/24/20				0.41%
19097	Jackson	Iowa	03/24/20				0.58%
19099	Jasper	Iowa	03/25/20	08/19/20	34.66%	4.18%	0.58%
19101	Jefferson	Iowa	03/24/20				0.49%
19103	Johnson	Iowa	03/24/20	08/19/20	15.03%	2.77%	0.37%
19105	Jones	Iowa	03/24/20				0.44%
19107	Keokuk	Iowa	03/24/20				0.48%
19109	Kossuth	Iowa	04/29/20	08/19/20	1.87%	3.15%	0.72%

	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
19111	Lee	Iowa	03/24/20				0.80%
19113	Linn	Iowa	03/24/20	08/19/20	15.42%	4.09%	0.37%
19115	Louisa	Iowa	03/24/20				0.24%
19117	Lucas	Iowa	03/24/20				0.91%
19119	Lyon	Iowa	03/24/20				0.58%
19121	Madison	Iowa	03/24/20				0.65%
19123	Mahaska	Iowa	03/24/20				0.54%
19125	Marion	Iowa	03/24/20				0.66%
19127	Marshall	Iowa	03/24/20				0.60%
19129	Mills	Iowa	03/24/20				0.71%
19131	Mitchell	Iowa	03/24/20				0.58%
19133	Monona	Iowa	03/24/20				0.42%
19135	Monroe	Iowa	03/24/20				0.79%
19137	Montgomery	Iowa	03/24/20				0.63%
19139	Muscatine	Iowa	03/24/20	08/19/20	18.23%	3.50%	0.34%
19141	O'Brien	Iowa	03/24/20				0.60%
19143	Osceola	Iowa	03/24/20				0.59%
19145	Page	Iowa	03/24/20				0.55%
19147	Palo Alto	Iowa	03/24/20				0.89%
19149	Plymouth	Iowa	03/24/20				0.75%
19151	Pocahontas	Iowa	03/24/20				0.83%
19153	Polk	Iowa	03/24/20	08/19/20	28.77%	4.45%	0.64%
19155	Pottawattami	elowa	03/25/20	08/19/20	20.27%	4.44%	0.74%
19157	Poweshiek	Iowa	03/24/20	08/19/20	69.31%	2.99%	0.53%
19159	Ringgold	Iowa	03/24/20				0.68%
19161	Sac	Iowa	03/24/20				0.82%
19163	Scott	Iowa	03/24/20		109.86%	, D	0.43%
19165	Shelby	Iowa	03/24/20				0.54%
19167	Sioux	Iowa	03/25/20	08/19/20	34.66%	4.43%	0.71%
19169	Story	Iowa	03/31/20	08/19/20	8.66%	4.43%	0.82%
19171	Tama	Iowa	03/26/20	08/19/20	7.44%	3.34%	0.29%
19173	Taylor	Iowa	03/24/20				0.71%

	Current Growth I	Rate Compared to F	First 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				0.69%
19177	Van Buren	Iowa	03/24/20				0.30%
19179	Wapello	Iowa	04/05/20	08/19/20	5.33%	4.62%	0.84%
19181	Warren	Iowa	03/30/20	08/19/20	15.69%	4.32%	0.56%
19183	Washington	Iowa	03/24/20	08/19/20	40.55%	2.93%	0.21%
19185	Wayne	Iowa	03/24/20				0.58%
19187	Webster	Iowa	03/24/20				0.90%
19189	Winnebago	Iowa	03/24/20				0.63%
19191	Winneshiek	Iowa	03/26/20	08/19/20	23.10%	3.34%	0.49%
19193	Woodbury	Iowa	03/26/20	08/19/20	13.52%	5.08%	0.82%
19195	Worth	Iowa	03/24/20				0.66%
19197	Wright	Iowa	03/24/20				0.95%
20001	Allen	Kansas	03/24/20				0.67%
20003	Anderson	Kansas	03/24/20				0.53%
20005	Atchison	Kansas	03/24/20				0.54%
20007	Barber	Kansas	03/24/20				0.28%
20009	Barton	Kansas	03/24/20				0.60%
20011	Bourbon	Kansas	03/26/20	08/19/20	36.62%	2.96%	0.40%
20013	Brown	Kansas	03/24/20				0.73%
20015	Butler	Kansas	03/31/20	08/19/20	6.39%	3.24%	0.59%
20017	Chase	Kansas	03/24/20				0.65%
20019	Chautauqua	Kansas	03/24/20				0.13%
20021	Cherokee	Kansas	03/30/20	08/19/20	5.79%	3.06%	0.53%
20023	Cheyenne	Kansas	03/24/20				0.28%
20025	Clark	Kansas	03/24/20				0.64%
20027	Clay	Kansas	03/24/20				0.46%
20029	Cloud	Kansas	03/24/20				0.41%
20031	Coffey	Kansas	03/24/20				0.08%
20033	Comanche	Kansas	03/24/20				0.49%
20035	Cowley	Kansas	03/24/20				0.90%
20037	Crawford	Kansas	03/25/20	08/19/20	20.27%	3.56%	0.68%
20039	Decatur	Kansas	03/24/20				0.58%

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

	Current Growth F	Rate Compared to Firs	st Day Growth R	ate	Confirm	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	08/19/20	3.92%	2.73%	0.62%
20045	Douglas	Kansas	03/24/20	08/19/20	51.08%	3.34%	0.48%
20047	Edwards	Kansas	03/24/20)			0.41%
20049	Elk	Kansas	03/24/20)			0.00%
20051	Ellis	Kansas	03/24/20)			0.79%
20053	Ellsworth	Kansas	03/24/20)			0.58%
20055	Finney	Kansas	03/24/20)			0.74%
20057	Ford	Kansas	03/24/20)			0.79%
20059	Franklin	Kansas	03/26/20	08/19/20	23.10%	3.68%	0.46%
20061	Geary	Kansas	03/24/20)			0.55%
20063	Gove	Kansas	03/24/20)			0.28%
20065	Graham	Kansas	03/24/20)			1.09%
20067	Grant	Kansas	03/24/20)			0.83%
20069	Gray	Kansas	03/24/20)			0.75%
20071	Greeley	Kansas	03/24/20)			0.71%
20073	Greenwood	Kansas	03/24/20	1			0.48%
20075	Hamilton	Kansas	03/24/20)			0.58%
20077	Harper	Kansas	03/24/20)			0.62%
20079	Harvey	Kansas	03/24/20)			0.64%
20081	Haskell	Kansas	03/24/20)			0.62%
20083	Hodgeman	Kansas	03/24/20)			0.55%
20085	Jackson	Kansas	04/25/20	08/19/20	2.10%	3.47%	0.79%
20087	Jefferson	Kansas	03/24/20)			0.46%
20089	Jewell	Kansas	03/24/20)			0.23%
20091	Johnson	Kansas	03/24/20	08/19/20	20.07%	3.52%	0.48%
20093	Kearny	Kansas	03/24/20)			0.65%
20095	Kingman	Kansas	03/24/20)			1.53%
20097	Kiowa	Kansas	03/24/20)			0.35%
20099	Labette	Kansas	03/24/20)			0.34%
20101	Lane	Kansas	03/24/20)			0.39%
20103	Leavenworth	Kansas	03/24/20	08/19/20	45.20%	3.63%	0.45%

	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				0.69%
20107	Linn	Kansas	03/24/20	08/19/20	69.31%	2.16%	0.35%
20109	Logan	Kansas	03/24/20				0.24%
20111	Lyon	Kansas	03/24/20	08/19/20	69.31%	4.06%	0.51%
20113	McPherson	Kansas	03/24/20				0.40%
20115	Marion	Kansas	03/24/20				0.46%
20117	Marshall	Kansas	03/24/20				0.90%
20119	Meade	Kansas	03/24/20				0.68%
20121	Miami	Kansas	03/24/20				0.62%
20123	Mitchell	Kansas	03/24/20	08/19/20	69.31%	2.24%	0.41%
20125	Montgomery	Kansas	03/24/20				0.42%
20127	Morris	Kansas	04/21/20	08/19/20	1.40%	1.20%	0.28%
20129	Morton	Kansas	03/24/20				0.32%
20131	Nemaha	Kansas	03/24/20				0.69%
20133	Neosho	Kansas	03/24/20				0.54%
20135	Ness	Kansas	03/24/20				0.47%
20137	Norton	Kansas	03/24/20				0.56%
20139	Osage	Kansas	03/24/20				0.39%
20141	Osborne	Kansas	03/24/20				0.11%
20143	Ottawa	Kansas	03/24/20				0.39%
20145	Pawnee	Kansas	03/24/20				1.07%
20147	Phillips	Kansas	03/24/20				0.58%
20149	Pottawatomie	Kansas	03/30/20	08/19/20	9.90%	3.31%	0.51%
20151	Pratt	Kansas	03/24/20				0.55%
20153	Rawlins	Kansas	03/24/20				0.00%
20155	Reno	Kansas	03/25/20	08/19/20	34.66%	3.77%	0.60%
20157	Republic	Kansas	03/24/20				0.33%
20159	Rice	Kansas	03/24/20				0.62%
20161	Riley	Kansas	03/24/20				0.51%
20163	Rooks	Kansas	03/24/20				0.35%
20165	Rush	Kansas	03/24/20				0.89%
20167	Russell	Kansas	03/24/20				0.86%

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	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
20169	Saline	Kansas	03/24/20				0.61%
20171	Scott	Kansas	03/24/20				0.68%
20173	Sedgwick	Kansas	03/24/20	08/19/20	45.20%	4.49%	0.51%
20175	Seward	Kansas	03/24/20				0.86%
20177	Shawnee	Kansas	03/24/20				0.50%
20179	Sheridan	Kansas	03/24/20				0.36%
20181	Sherman	Kansas	03/24/20				0.45%
20183	Smith	Kansas	03/24/20				0.17%
20185	Stafford	Kansas	03/24/20				0.38%
20187	Stanton	Kansas	03/24/20				0.45%
20189	Stevens	Kansas	03/24/20				0.48%
20191	Sumner	Kansas	03/24/20				0.72%
20193	Thomas	Kansas	03/24/20				0.55%
20195	Trego	Kansas	03/24/20				0.40%
20197	Wabaunsee	Kansas	03/24/20				0.59%
20199	Wallace	Kansas	03/24/20				0.00%
20201	Washington	Kansas	03/24/20				0.12%
20203	Wichita	Kansas	03/24/20				0.43%
20205	Wilson	Kansas	03/24/20				0.44%
20207	Woodson	Kansas	03/30/20	08/19/20	9.90%	1.67%	0.21%
20209	Wyandotte	Kansas	03/24/20	08/19/20	20.48%	3.71%	0.44%
21001	Adair	Kentucky	03/24/20				0.46%
21003	Allen	Kentucky	03/24/20				0.62%
21005	Anderson	Kentucky	04/03/20	08/19/20	3.69%	2.61%	0.59%
21007	Ballard	Kentucky	03/24/20				0.56%
21009	Barren	Kentucky	03/24/20				0.69%
21011	Bath	Kentucky	03/24/20				0.46%
21013	Bell	Kentucky	03/24/20				1.25%
21015	Boone	Kentucky	03/27/20	08/19/20	40.24%	4.75%	0.49%
21017	Bourbon	Kentucky	04/03/20	08/19/20	6.30%	2.64%	0.54%
21019	Boyd	Kentucky	03/24/20				0.33%
21021	Boyle	Kentucky	03/24/20				0.40%

	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
21023	Bracken	Kentucky	03/24/20				0.28%
21025	Breathitt	Kentucky	03/24/20	08/19/20	69.31%	2.41%	0.44%
21027	Breckinridge	Kentucky	03/24/20				0.52%
21029	Bullitt	Kentucky	03/24/20				0.46%
21031	Butler	Kentucky	03/24/20				0.50%
21033	Caldwell	Kentucky	03/24/20				0.28%
21035	Calloway	Kentucky	03/28/20	08/19/20	13.86%	3.85%	0.48%
21037	Campbell	Kentucky	03/27/20	08/19/20	27.47%	4.34%	0.41%
21039	Carlisle	Kentucky	03/24/20				0.66%
21041	Carroll	Kentucky	03/24/20				0.68%
21043	Carter	Kentucky	03/24/20				0.71%
21045	Casey	Kentucky	03/24/20				0.84%
21047	Christian	Kentucky	03/28/20	08/19/20	21.97%	3.86%	0.34%
21049	Clark	Kentucky	03/28/20	08/19/20	21.97%	3.12%	0.38%
21051	Clay	Kentucky	03/24/20				0.85%
21053	Clinton	Kentucky	03/24/20				0.43%
21055	Crittenden	Kentucky	03/24/20				0.37%
21057	Cumberland	Kentucky	03/24/20				0.48%
21059	Daviess	Kentucky	03/24/20	08/19/20	24.12%	2.92%	0.36%
21061	Edmonson	Kentucky	03/24/20				0.44%
21063	Elliott	Kentucky	03/24/20				0.60%
21065	Estill	Kentucky	03/24/20				0.83%
21067	Fayette	Kentucky	03/24/20	08/19/20	62.42%	3.68%	0.46%
21069	Fleming	Kentucky	03/24/20				0.64%
21071	Floyd	Kentucky	03/24/20				0.74%
21073	Franklin	Kentucky	03/28/20	08/19/20	21.97%	3.56%	0.56%
21075	Fulton	Kentucky	03/24/20				0.75%
21077	Gallatin	Kentucky	03/24/20				0.67%
21079	Garrard	Kentucky	03/24/20				0.72%
21081	Grant	Kentucky	03/24/20				0.36%
21083	Graves	Kentucky	03/24/20				0.64%
21085	Grayson	Kentucky	03/24/20				0.61%

	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				0.53%
21089	Greenup	Kentucky	03/24/20				0.53%
21091	Hancock	Kentucky	03/24/20				0.51%
21093	Hardin	Kentucky	03/28/20	08/19/20	18.33%	4.02%	0.56%
21095	Harlan	Kentucky	03/24/20				1.06%
21097	Harrison	Kentucky	03/24/20	08/19/20	22.31%	1.91%	0.35%
21099	Hart	Kentucky	03/24/20				0.73%
21101	Henderson	Kentucky	03/27/20	08/19/20	10.14%	3.55%	0.40%
21103	Henry	Kentucky	03/24/20				0.55%
21105	Hickman	Kentucky	03/24/20				0.69%
21107	Hopkins	Kentucky	03/24/20				0.25%
21109	Jackson	Kentucky	03/24/20				0.52%
21111	Jefferson	Kentucky	03/24/20	08/19/20	5.88%	3.84%	0.47%
21113	Jessamine	Kentucky	03/28/20	08/19/20	46.05%	4.02%	0.42%
21115	Johnson	Kentucky	03/24/20				0.71%
21117	Kenton	Kentucky	03/24/20	08/19/20	47.00%	3.87%	0.45%
21119	Knott	Kentucky	03/24/20				0.68%
21121	Knox	Kentucky	03/24/20				0.87%
21123	Larue	Kentucky	03/24/20				0.48%
21125	Laurel	Kentucky	03/28/20	08/19/20	13.86%	4.18%	0.62%
21127	Lawrence	Kentucky	03/24/20				0.56%
21129	Lee	Kentucky	03/24/20				0.43%
21131	Leslie	Kentucky	03/24/20				0.56%
21133	Letcher	Kentucky	03/24/20				0.64%
21135	Lewis	Kentucky	03/24/20				0.58%
21137	Lincoln	Kentucky	03/24/20				0.74%
21139	Livingston	Kentucky	03/24/20				0.57%
21141	Logan	Kentucky	03/28/20	08/19/20	13.86%	3.96%	0.65%
21143	Lyon	Kentucky	04/03/20	08/19/20	12.60%	2.33%	0.13%
21145	McCracken	Kentucky	03/24/20	08/19/20	69.31%	4.08%	0.47%
21147	McCreary	Kentucky	03/24/20				0.30%
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			First Rate	Current Rate	Rate
21151	Madison	Kentucky	03/28/20	08/19/20	25.06%	3.94%	0.57%
21153	Magoffin	Kentucky	03/24/20				0.83%
21155	Marion	Kentucky	03/24/20				0.41%
21157	Marshall	Kentucky	03/24/20				0.41%
21159	Martin	Kentucky	03/28/20	08/19/20	13.86%	2.55%	0.37%
21161	Mason	Kentucky	03/24/20				0.40%
21163	Meade	Kentucky	03/24/20				0.61%
21165	Menifee	Kentucky	03/28/20	08/19/20	13.86%	2.24%	0.34%
21167	Mercer	Kentucky	03/24/20				0.36%
21169	Metcalfe	Kentucky	03/24/20				0.76%
21171	Monroe	Kentucky	03/24/20				0.61%
21173	Montgomery	Kentucky	04/03/20	08/19/20	8.33%	2.94%	0.46%
21175	Morgan	Kentucky	03/24/20				0.56%
21177	Muhlenberg	Kentucky	03/28/20	08/19/20	13.86%	3.87%	0.48%
21179	Nelson	Kentucky	03/28/20	08/19/20	13.86%	3.81%	0.51%
21181	Nicholas	Kentucky	03/24/20				0.46%
21183	Ohio	Kentucky	03/24/20				0.58%
21185	Oldham	Kentucky	03/28/20	08/19/20	21.97%	4.40%	0.58%
21187	Owen	Kentucky	03/24/20				0.74%
21189	Owsley	Kentucky	03/24/20				0.34%
21191	Pendleton	Kentucky	03/24/20				0.44%
21193	Perry	Kentucky	03/24/20				0.69%
21195	Pike	Kentucky	03/24/20				0.65%
21197	Powell	Kentucky	03/24/20				0.55%
21199	Pulaski	Kentucky	03/28/20	08/19/20	16.95%	3.31%	0.39%
21201	Robertson	Kentucky	03/24/20				0.44%
21203	Rockcastle	Kentucky	03/24/20				0.39%
21205	Rowan	Kentucky	03/24/20				0.69%
21207	Russell	Kentucky	03/24/20				0.44%
21209	Scott	Kentucky	03/28/20	08/19/20	32.19%	4.15%	0.48%
21211	Shelby	Kentucky	03/24/20				0.59%
21213	Simpson	Kentucky	03/28/20	08/19/20	13.86%	3.50%	0.37%

	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
21215	Spencer	Kentucky	03/28/20		13.86%	3.34%	0.49%
21217	Taylor	Kentucky	03/24/20				0.61%
21219	Todd	Kentucky	03/24/20				0.28%
21221	Trigg	Kentucky	03/24/20				0.43%
21223	Trimble	Kentucky	03/24/20				0.45%
21225	Union	Kentucky	03/24/20				0.42%
21227	Warren	Kentucky	03/24/20	08/19/20	22.31%	4.42%	0.62%
21229	Washington	Kentucky	03/24/20				0.55%
21231	Wayne	Kentucky	03/24/20				0.46%
21233	Webster	Kentucky	03/28/20	08/19/20	13.86%	3.06%	0.38%
21235	Whitley	Kentucky	03/24/20				0.58%
21237	Wolfe	Kentucky	03/24/20				0.63%
21239	Woodford	Kentucky	03/24/20				0.38%
22001	Acadia	Louisiana	03/25/20	08/19/20	20.27%	4.85%	0.51%
22003	Allen	Louisiana	03/25/20	08/19/20	45.81%	4.39%	0.46%
22005	Ascension	Louisiana	03/24/20	08/19/20	59.09%	3.00%	0.31%
22007	Assumption	Louisiana	03/25/20	08/19/20	45.81%	3.86%	0.25%
22009	Avoyelles	Louisiana	03/24/20	08/19/20	51.08%	4.01%	0.45%
22011	Beauregard	Louisiana	03/24/20	08/19/20	40.55%	4.11%	0.54%
22013	Bienville	Louisiana	03/27/20	08/19/20	27.47%	4.02%	0.38%
22015	Bossier	Louisiana	03/24/20	08/19/20	73.40%	3.59%	0.40%
22017	Caddo	Louisiana	03/24/20	08/19/20	84.37%	3.47%	0.30%
22019	Calcasieu	Louisiana	03/24/20	08/19/20	78.85%	4.88%	0.51%
22021	Caldwell	Louisiana	03/24/20				0.40%
22023	Cameron	Louisiana	03/24/20				0.69%
22025	Catahoula	Louisiana	03/29/20	08/19/20	18.31%	3.89%	0.43%
22027	Claiborne	Louisiana	03/26/20	08/19/20	13.52%	3.39%	0.32%
22029	Concordia	Louisiana	03/24/20				0.48%
22031	De Soto	Louisiana	03/24/20	08/19/20	28.77%	3.28%	0.29%
22033	East Baton R	cLouisiana	03/24/20	08/19/20	25.70%	3.64%	0.37%
22035	East Carroll	Louisiana	03/24/20				0.96%
22037	East Felician	aLouisiana	03/24/20				0.34%

	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
22039	Evangeline	Louisiana	03/26/20	08/19/20	23.10%	4.17%	0.51%
22041	Franklin	Louisiana	03/24/20				0.47%
22043	Grant	Louisiana	03/28/20	08/19/20	13.86%	3.97%	0.53%
22045	Iberia	Louisiana	03/25/20	08/19/20	20.27%	4.82%	0.46%
22047	Iberville	Louisiana	03/25/20	08/19/20	9.71%	3.05%	0.27%
22049	Jackson	Louisiana	03/24/20				0.60%
22051	Jefferson	Louisiana	03/24/20	08/19/20	20.31%	2.68%	0.18%
22053	Jefferson Dav	riLouisiana	03/24/20				0.50%
22055	Lafayette	Louisiana	03/24/20	08/19/20	51.08%	4.37%	0.48%
22057	Lafourche	Louisiana	03/24/20	08/19/20	11.78%	3.53%	0.29%
22059	LaSalle	Louisiana	03/24/20				0.52%
22061	Lincoln	Louisiana	03/25/20	08/19/20	20.27%	4.08%	0.47%
22063	Livingston	Louisiana	03/25/20	08/19/20	30.31%	4.21%	0.50%
22065	Madison	Louisiana	03/24/20				0.89%
22067	Morehouse	Louisiana	03/24/20				0.45%
22069	Natchitoches	Louisiana	04/01/20	08/19/20	7.70%	4.07%	0.46%
22071	Orleans	Louisiana	03/24/20	08/19/20	20.31%	1.88%	0.10%
22073	Ouachita	Louisiana	03/24/20	08/19/20	35.67%	4.44%	0.41%
22075	Plaquemines	Louisiana	03/24/20	08/19/20	11.78%	2.75%	0.20%
22077	Pointe Coupe	(Louisiana	03/24/20				0.46%
22079	Rapides	Louisiana	03/24/20	08/19/20	33.65%	3.95%	0.47%
22081	Red River	Louisiana	03/24/20				0.53%
22083	Richland	Louisiana	03/26/20	08/19/20	23.10%	4.35%	0.54%
22085	Sabine	Louisiana	03/24/20				0.67%
22087	St. Bernard	Louisiana	03/24/20	08/19/20	19.11%	2.76%	0.18%
22089	St. Charles	Louisiana	03/24/20	08/19/20	12.52%	3.12%	0.21%
22091	St. Helena	Louisiana	03/24/20				0.48%
22093	St. James	Louisiana	03/24/20	08/19/20	44.18%	2.96%	0.20%
22095	St. John the E	Louisiana	03/24/20	08/19/20	25.13%	2.86%	0.15%
22097	St. Landry	Louisiana	03/24/20	08/19/20	28.77%	4.63%	0.52%
22099	St. Martin	Louisiana	03/25/20	08/19/20	34.66%	5.03%	0.38%
22101	St. Mary	Louisiana	03/24/20	08/19/20	91.63%	4.53%	0.41%

	Current Growth F	Rate Compared to Fi	st Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
22103	St. Tammany	Louisiana	03/24/20	08/19/20	25.34%	3.15%	0.29%
22105	Tangipahoa	Louisiana	03/24/20	08/19/20	22.31%	4.61%	0.37%
22107	Tensas	Louisiana	03/24/20	1			0.74%
22109	Terrebonne	Louisiana	03/24/20	08/19/20	6.90%	3.66%	0.40%
22111	Union	Louisiana	03/24/20	1			0.43%
22113	Vermilion	Louisiana	03/24/20)			0.65%
22115	Vernon	Louisiana	03/29/20	08/19/20	6.76%	4.06%	0.62%
22117	Washington	Louisiana	03/24/20	08/19/20	28.77%	4.11%	0.34%
22119	Webster	Louisiana	03/24/20	08/19/20	51.08%	3.88%	0.42%
22121	West Baton R	Louisiana	03/24/20	08/19/20	33.65%	3.38%	0.39%
22123	West Carroll	Louisiana	03/24/20)			0.67%
22125	West Felician	¿Louisiana	03/24/20)			0.35%
22127	Winn	Louisiana	03/24/20)			0.60%
23001	Androscoggin	Maine	03/24/20	08/19/20	28.77%	3.54%	0.46%
23003	Aroostook	Maine	03/24/20	1			0.43%
23005	Cumberland	Maine	03/24/20	08/19/20	16.18%	2.26%	0.31%
23007	Franklin	Maine	03/24/20	1			0.27%
23009	Hancock	Maine	03/24/20)			0.32%
23011	Kennebec	Maine	03/25/20	08/19/20	9.12%	2.39%	0.25%
23013	Knox	Maine	03/26/20	08/19/20	23.10%	2.24%	0.15%
23015	Lincoln	Maine	03/29/20	08/19/20	7.83%	1.31%	0.20%
23017	Oxford	Maine	03/25/20	08/19/20	14.38%	1.53%	0.24%
23019	Penobscot	Maine	03/25/20	08/19/20	11.16%	2.63%	0.27%
23021	Piscataquis	Maine	03/24/20	1			0.32%
23023	Sagadahoc	Maine	03/24/20	08/19/20	28.77%	1.99%	0.22%
23025	Somerset	Maine	03/24/20				0.25%
23027	Waldo	Maine	03/25/20	08/19/20	34.66%	2.79%	0.09%
23029	Washington	Maine	03/24/20				0.42%
23031	York	Maine	03/24/20	08/19/20	36.29%	2.55%	0.24%
24001	Allegany	Maryland	03/24/20				0.50%
24003	Anne Arundel	Maryland	03/24/20	08/19/20	25.59%	3.88%	0.38%
24005	Baltimore	Maryland	03/24/20	08/19/20	19.42%	3.91%	0.37%

	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
24009	Calvert	Maryland	03/25/20	08/19/20	42.36%	3.71%	0.32%
24011	Caroline	Maryland	03/28/20	08/19/20	21.97%	4.13%	0.51%
24013	Carroll	Maryland	03/25/20	08/19/20	16.82%	3.88%	0.30%
24015	Cecil	Maryland	03/24/20	08/19/20	28.77%	3.70%	0.35%
24017	Charles	Maryland	03/24/20	08/19/20	47.00%	4.09%	0.33%
24019	Dorchester	Maryland	03/24/20				0.58%
24021	Frederick	Maryland	03/24/20	08/19/20	55.96%	4.50%	0.34%
24023	Garrett	Maryland	04/07/20	08/19/20	3.41%	2.01%	0.41%
24025	Harford	Maryland	03/25/20	08/19/20	29.39%	4.09%	0.43%
24027	Howard	Maryland	03/24/20	08/19/20	15.42%	3.31%	0.37%
24029	Kent	Maryland	03/24/20				0.47%
24031	Montgomery	Maryland	03/24/20	08/19/20	17.14%	3.49%	0.38%
24033	Prince Georg	eMaryland	03/24/20	08/19/20	18.76%	4.02%	0.38%
24035	Queen Anne's	s Maryland	03/25/20	08/19/20	34.66%	4.17%	0.50%
24037	St. Mary's	Maryland	03/25/20	08/19/20	34.66%	4.22%	0.39%
24039	Somerset	Maryland	03/31/20	08/19/20	17.33%	3.42%	0.56%
24041	Talbot	Maryland	03/27/20	08/19/20	17.33%	4.07%	0.54%
24043	Washington	Maryland	03/24/20	08/19/20	69.31%	4.28%	0.42%
24045	Wicomico	Maryland	03/25/20	08/19/20	11.16%	3.94%	0.54%
24047	Worcester	Maryland	03/29/20	08/19/20	6.76%	3.97%	0.55%
24510	Baltimore City	y Maryland	03/24/20	08/19/20	25.67%	3.90%	0.43%
25001	Barnstable	Massachusetts	03/24/20	08/19/20	24.29%	2.47%	0.19%
25003	Berkshire	Massachusetts	03/24/20	08/19/20	65.18%	1.91%	0.10%
25005	Bristol	Massachusetts	03/24/20	08/19/20	77.07%	3.80%	0.30%
25007	Dukes	Massachusetts	03/24/20				0.00%
25009	Essex	Massachusetts	03/24/20	08/19/20	40.55%	3.35%	0.26%
25011	Franklin	Massachusetts	03/24/20	08/19/20	33.65%	2.44%	0.17%
25013	Hampden	Massachusetts	03/24/20	08/19/20	62.86%	3.86%	0.23%
25015	Hampshire	Massachusetts	03/24/20	08/19/20	31.85%	3.31%	0.25%
25017	Middlesex	Massachusetts	03/24/20	08/19/20	38.33%	2.95%	0.23%
25019	Nantucket	Massachusetts	03/24/20				0.00%
25021	Norfolk	Massachusetts	03/24/20	08/19/20	54.29%	2.87%	0.20%

	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	08/19/20	45.62%	3.31%	0.23%
25025	Suffolk	Massachusetts	03/24/20	08/19/20	37.95%	3.03%	0.21%
25027	Worcester	Massachusetts	03/24/20	08/19/20	56.94%	3.48%	0.29%
26001	Alcona	Michigan	03/24/20				0.52%
26003	Alger	Michigan	03/24/20				0.80%
26005	Allegan	Michigan	03/27/20	08/19/20	17.33%	4.26%	0.51%
26007	Alpena	Michigan	03/24/20				0.73%
26009	Antrim	Michigan	03/24/20				0.27%
26011	Arenac	Michigan	03/24/20				0.34%
26013	Baraga	Michigan	03/24/20				0.37%
26015	Barry	Michigan	03/30/20	08/19/20	9.90%	3.56%	0.49%
26017	Bay	Michigan	03/24/20	08/19/20	40.55%	3.98%	0.40%
26019	Benzie	Michigan	03/24/20				0.48%
26021	Berrien	Michigan	03/24/20	08/19/20	22.31%	3.51%	0.41%
26023	Branch	Michigan	03/24/20				0.42%
26025	Calhoun	Michigan	03/24/20	08/19/20	40.55%	3.61%	0.37%
26027	Cass	Michigan	03/24/20				0.55%
26029	Charlevoix	Michigan	03/24/20	08/19/20	28.77%	1.99%	0.25%
26031	Cheboygan	Michigan	03/24/20				0.28%
26033	Chippewa	Michigan	03/27/20	08/19/20		2.58%	0.62%
26035	Clare	Michigan	04/02/20	08/19/20	6.93%	3.02%	0.51%
26037	Clinton	Michigan	03/24/20	08/19/20	18.23%	3.01%	0.24%
26039	Crawford	Michigan	03/24/20				0.35%
26041	Delta	Michigan	03/24/20				0.42%
26043	Dickinson	Michigan	03/24/20				0.62%
26045	Eaton	Michigan	03/25/20	08/19/20	14.38%	3.40%	0.29%
26047	Emmet	Michigan	03/26/20	08/19/20	13.52%	2.56%	0.23%
26049	Genesee	Michigan	03/24/20	08/19/20	30.23%	3.17%	0.21%
26051	Gladwin	Michigan	03/28/20	08/19/20	8.11%	2.41%	0.44%
26053	Gogebic	Michigan	03/24/20				0.59%
26055	Grand Trave	rsMichigan	03/27/20	08/19/20	12.77%	2.98%	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	08/19/20	69.31%	3.79%	0.20%
26061	Houghton	Michigan	03/24/20				0.62%
26063	Huron	Michigan	03/24/20				0.52%
26065	Ingham	Michigan	03/24/20	08/19/20	18.23%	3.16%	0.29%
26067	Ionia	Michigan	03/24/20				0.48%
26069	losco	Michigan	03/24/20				0.58%
26071	Iron	Michigan	03/24/20				0.78%
26073	Isabella	Michigan	03/25/20	08/19/20	20.27%	3.23%	0.28%
26075	Jackson	Michigan	03/24/20	08/19/20	69.31%	3.24%	0.22%
26077	Kalamazoo	Michigan	03/24/20	08/19/20	51.08%	4.29%	0.48%
26079	Kalkaska	Michigan	03/24/20	08/19/20	69.31%	2.73%	0.24%
26081	Kent	Michigan	03/24/20	08/19/20	14.95%	3.72%	0.51%
26083	Keweenaw	Michigan	03/24/20				0.20%
26085	Lake	Michigan	03/24/20				0.52%
26087	Lapeer	Michigan	03/25/20	08/19/20	54.93%	4.18%	0.25%
26089	Leelanau	Michigan	04/05/20	08/19/20	5.33%	2.94%	0.46%
26091	Lenawee	Michigan	03/24/20				0.35%
26093	Livingston	Michigan	03/24/20	08/19/20	20.76%	2.89%	0.23%
26095	Luce	Michigan	03/24/20				0.21%
26097	Mackinac	Michigan	03/24/20				0.30%
26099	Macomb	Michigan	03/24/20	08/19/20	22.23%	2.65%	0.19%
26101	Manistee	Michigan	04/03/20	08/19/20	12.60%	2.54%	0.22%
26103	Marquette	Michigan	03/28/20	08/19/20	13.86%	3.63%	0.38%
26105	Mason	Michigan	03/24/20				0.61%
26107	Mecosta	Michigan	03/24/20				0.31%
26109	Menominee	Michigan	03/24/20				0.82%
26111	Midland	Michigan	03/24/20	08/19/20	18.23%	2.89%	0.38%
26113	Missaukee	Michigan	03/24/20				0.58%
26115	Monroe	Michigan	03/24/20	08/19/20	40.55%	3.05%	0.28%
26117	Montcalm	Michigan	03/24/20	08/19/20	69.31%	3.58%	0.35%
26119	Montmorency	Michigan	03/24/20				0.36%
26121	Muskegon	Michigan	03/26/20	08/19/20	23.10%	4.05%	0.47%

	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
26123	Newaygo	Michigan	03/26/20	08/19/20	-23.10%	3.29%	0.59%
26125	Oakland	Michigan	03/24/20	08/19/20	23.80%	2.47%	0.19%
26127	Oceana	Michigan	03/24/20				0.84%
26129	Ogemaw	Michigan	03/24/20				0.39%
26131	Ontonagon	Michigan	03/24/20				1.45%
26133	Osceola	Michigan	03/24/20				0.44%
26135	Oscoda	Michigan	03/24/20				0.30%
26137	Otsego	Michigan	03/24/20	08/19/20	18.23%	2.22%	0.21%
26139	Ottawa	Michigan	03/24/20	08/19/20	6.45%	3.27%	0.52%
26141	Presque Isle	Michigan	03/24/20				0.35%
26143	Roscommon	Michigan	04/02/20	08/19/20	6.93%	2.75%	0.28%
26145	Saginaw	Michigan	03/24/20	08/19/20	11.78%	3.79%	0.32%
26147	St. Clair	Michigan	03/24/20	08/19/20	22.31%	3.14%	0.22%
26149	St. Joseph	Michigan	03/24/20				0.52%
26151	Sanilac	Michigan	03/24/20				0.26%
26153	Schoolcraft	Michigan	03/24/20				0.30%
26155	Shiawassee	Michigan	03/24/20				0.28%
26157	Tuscola	Michigan	03/24/20	08/19/20	69.31%	4.01%	0.35%
26159	Van Buren	Michigan	03/24/20				0.50%
26161	Washtenaw	Michigan	03/24/20	08/19/20	36.46%	2.68%	0.20%
26163	Wayne	Michigan	03/24/20	08/19/20	24.75%	2.36%	0.14%
26165	Wexford	Michigan	03/29/20	08/19/20	11.55%	2.91%	0.38%
27001	Aitkin	Minnesota	03/24/20				0.60%
27003	Anoka	Minnesota	03/25/20	08/19/20	6.68%	4.29%	0.63%
27005	Becker	Minnesota	03/24/20				0.68%
27007	Beltrami	Minnesota	03/24/20				0.62%
27009	Benton	Minnesota	04/16/20	08/19/20	5.78%	3.92%	0.90%
27011	Big Stone	Minnesota	04/24/20	08/19/20	2.17%	2.26%	0.51%
27013	Blue Earth	Minnesota	03/25/20	08/19/20	9.12%	3.57%	0.59%
27015	Brown	Minnesota	03/24/20				0.43%
27017	Carlton	Minnesota	03/24/20				0.28%
27019	Carver	Minnesota	03/27/20	08/19/20	2.94%	3.23%	0.67%

	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
27021	Cass	Minnesota	04/06/20	08/19/20	7.85%	2.99%	0.46%
27023	Chippewa	Minnesota	03/24/20				0.79%
27025	Chisago	Minnesota	03/27/20	08/19/20	-17.33%	3.21%	0.56%
27027	Clay	Minnesota	03/25/20	08/19/20	14.38%	3.75%	0.45%
27029	Clearwater	Minnesota	03/24/20				0.31%
27031	Cook	Minnesota	03/24/20				0.53%
27033	Cottonwood	Minnesota	03/24/20				0.53%
27035	Crow Wing	Minnesota	03/24/20				0.43%
27037	Dakota	Minnesota	03/25/20	08/19/20	8.72%	3.68%	0.61%
27039	Dodge	Minnesota	03/25/20	08/19/20	25.54%	2.59%	0.34%
27041	Douglas	Minnesota	03/24/20				0.77%
27043	Faribault	Minnesota	03/24/20				0.49%
27045	Fillmore	Minnesota	03/27/20	08/19/20	12.77%	2.19%	0.32%
27047	Freeborn	Minnesota	03/24/20				0.42%
27049	Goodhue	Minnesota	03/24/20				0.39%
27051	Grant	Minnesota	03/24/20				0.71%
27053	Hennepin	Minnesota	03/24/20		7.48%	3.57%	0.56%
27055	Houston	Minnesota	03/24/20				0.64%
27057	Hubbard	Minnesota	03/24/20				0.81%
27059	Isanti	Minnesota	03/24/20				0.56%
27061	Itasca	Minnesota	03/24/20				0.65%
27063	Jackson	Minnesota	04/17/20	08/19/20	2.77%	3.00%	0.68%
27065	Kanabec	Minnesota	03/24/20				0.67%
27067	Kandiyohi	Minnesota	03/24/20				0.91%
27069	Kittson	Minnesota	03/24/20				0.18%
27071	Koochiching	Minnesota	03/24/20				0.68%
27073	Lac qui Parle	Minnesota	03/24/20				0.36%
27075	Lake	Minnesota	03/24/20				0.61%
27077	Lake of the W	' Minnesota	03/24/20				1.50%
27079	Le Sueur	Minnesota	03/24/20		18.23%	2.71%	0.39%
27081	Lincoln	Minnesota	03/24/20				0.53%
27083	Lyon	Minnesota	03/24/20				0.69%

	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				0.76%
27087	Mahnomen	Minnesota	03/24/20				0.52%
27089	Marshall	Minnesota	03/24/20				0.55%
27091	Martin	Minnesota	03/24/20	08/19/20	22.31%	2.21%	0.28%
27093	Meeker	Minnesota	03/24/20				0.58%
27095	Mille Lacs	Minnesota	03/24/20				0.70%
27097	Morrison	Minnesota	03/24/20				0.75%
27099	Mower	Minnesota	03/25/20	08/19/20	25.54%	3.52%	0.59%
27101	Murray	Minnesota	03/24/20				0.75%
27103	Nicollet	Minnesota	04/03/20	08/19/20	2.62%	3.28%	0.66%
27105	Nobles	Minnesota	03/24/20				1.15%
27107	Norman	Minnesota	03/24/20				0.59%
27109	Olmsted	Minnesota	03/24/20	08/19/20	15.42%	3.12%	0.40%
27111	Otter Tail	Minnesota	03/24/20				0.62%
27113	Pennington	Minnesota	03/24/20				0.71%
27115	Pine	Minnesota	03/24/20				0.50%
27117	Pipestone	Minnesota	03/24/20				0.78%
27119	Polk	Minnesota	03/24/20				0.78%
27121	Pope	Minnesota	03/24/20				0.74%
27123	Ramsey	Minnesota	03/24/20	08/19/20	3.77%	3.87%	0.62%
27125	Red Lake	Minnesota	03/24/20				0.50%
27127	Redwood	Minnesota	03/24/20				0.56%
27129	Renville	Minnesota	04/01/20	08/19/20	7.70%	2.84%	0.47%
27131	Rice	Minnesota	03/27/20	08/19/20	10.14%	4.23%	0.86%
27133	Rock	Minnesota	03/24/20				0.59%
27135	Roseau	Minnesota	03/24/20				0.62%
27137	St. Louis	Minnesota	03/24/20	08/19/20	40.55%	3.94%	0.46%
27139	Scott	Minnesota	03/24/20	08/19/20	18.23%	3.94%	0.69%
27141	Sherburne	Minnesota	03/26/20	08/19/20	36.62%	4.49%	0.69%
27143	Sibley	Minnesota	03/24/20				0.70%
27145	Stearns	Minnesota	04/03/20	08/19/20	1.66%	4.30%	0.93%
27147	Steele	Minnesota	03/29/20	08/19/20	3.04%	2.90%	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
27149	Stevens	Minnesota	03/24/20				0.66%
27151	Swift	Minnesota	03/24/20				0.62%
27153	Todd	Minnesota	03/24/20				0.83%
27155	Traverse	Minnesota	03/24/20				0.33%
27157	Wabasha	Minnesota	03/24/20		109.86%		0.44%
27159	Wadena	Minnesota	03/24/20				0.60%
27161	Waseca	Minnesota	03/25/20	08/19/20	34.66%	3.53%	0.63%
27163	Washington	Minnesota	03/24/20	08/19/20	26.24%	3.70%	0.53%
27165	Watonwan	Minnesota	03/24/20				0.70%
27167	Wilkin	Minnesota	03/24/20				0.28%
27169	Winona	Minnesota	03/24/20				0.37%
27171	Wright	Minnesota	03/25/20	08/19/20	25.54%	3.91%	0.64%
27173	Yellow Medic	irMinnesota	03/24/20				0.45%
28001	Adams	Mississippi	03/25/20	08/19/20	20.27%	3.92%	0.40%
28003	Alcorn	Mississippi	03/24/20				0.65%
28005	Amite	Mississippi	03/24/20				0.48%
28007	Attala	Mississippi	03/24/20	08/19/20	28.77%	3.51%	0.51%
28009	Benton	Mississippi	03/24/20				0.55%
28011	Bolivar	Mississippi	03/25/20	08/19/20	20.27%	3.88%	0.45%
28013	Calhoun	Mississippi	03/24/20				0.49%
28015	Carroll	Mississippi	03/24/20				0.56%
28017	Chickasaw	Mississippi	03/25/20	08/19/20	7.71%	3.01%	0.48%
28019	Choctaw	Mississippi	03/24/20		109.86%		0.43%
28021	Claiborne	Mississippi	03/24/20				0.65%
28023	Clarke	Mississippi	03/24/20				0.52%
28025	Clay	Mississippi	03/26/20	08/19/20	23.10%	4.08%	0.48%
28027	Coahoma	Mississippi	03/25/20	08/19/20	21.77%	2.95%	0.48%
28029	Copiah	Mississippi	03/24/20	08/19/20	18.23%	3.56%	0.53%
28031	Covington	Mississippi	03/24/20				0.59%
28033	DeSoto	Mississippi	03/24/20	08/19/20	21.62%	3.33%	0.49%
28035	Forrest	Mississippi	03/24/20	08/19/20	6.90%	3.32%	0.46%
28037	Franklin	Mississippi	03/25/20	08/19/20	-20.27%	2.66%	0.42%

	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	08/19/20	21.97%	4.35%	0.69%
28041	Greene	Mississippi	03/24/20				0.75%
28043	Grenada	Mississippi	03/28/20	08/19/20	8.11%	4.09%	0.68%
28045	Hancock	Mississippi	03/25/20	08/19/20	9.12%	3.01%	0.38%
28047	Harrison	Mississippi	03/24/20	08/19/20	4.08%	3.22%	0.51%
28049	Hinds	Mississippi	03/24/20	08/19/20	20.36%	3.54%	0.49%
28051	Holmes	Mississippi	03/24/20	08/19/20	15.42%	3.42%	0.48%
28053	Humphreys	Mississippi	03/27/20	08/19/20	17.33%	3.87%	0.56%
28055	Issaquena	Mississippi	03/24/20				0.93%
28057	Itawamba	Mississippi	03/31/20	08/19/20	3.60%	3.38%	0.60%
28059	Jackson	Mississippi	03/24/20	08/19/20	18.23%	3.74%	0.45%
28061	Jasper	Mississippi	03/24/20				0.53%
28063	Jefferson	Mississippi	03/24/20				0.60%
28065	Jefferson Day	viMississippi 💮	03/24/20				0.60%
28067	Jones	Mississippi	03/27/20	08/19/20	27.47%	5.11%	0.63%
28069	Kemper	Mississippi	03/24/20				0.44%
28071	Lafayette	Mississippi	03/25/20	08/19/20	11.16%	3.32%	0.56%
28073	Lamar	Mississippi	03/25/20	08/19/20	34.66%	4.36%	0.57%
28075	Lauderdale	Mississippi	03/24/20				0.37%
28077	Lawrence	Mississippi	03/24/20	08/19/20	40.55%	3.50%	0.63%
28079	Leake	Mississippi	03/24/20	08/19/20	40.55%	4.04%	0.52%
28081	Lee	Mississippi	03/24/20	08/19/20	15.42%	3.39%	0.59%
28083	Leflore	Mississippi	03/24/20	08/19/20	26.24%	3.19%	0.50%
28085	Lincoln	Mississippi	03/25/20	08/19/20	20.27%	3.64%	0.46%
28087	Lowndes	Mississippi	03/25/20	08/19/20	14.38%	3.54%	0.59%
28089	Madison	Mississippi	03/24/20	08/19/20	19.42%	3.52%	0.50%
28091	Marion	Mississippi	03/27/20	08/19/20	27.47%	4.42%	0.54%
28093	Marshall	Mississippi	03/24/20	08/19/20	28.77%	3.80%	0.50%
28095	Monroe	Mississippi	03/28/20	08/19/20	10.22%	3.86%	0.50%
28097	Montgomery	Mississippi	03/24/20	08/19/20	69.31%	3.52%	0.51%
28099	Neshoba	Mississippi	03/24/20				0.57%
28101	Newton	Mississippi	03/30/20	08/19/20	9.90%	4.31%	0.63%

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	08/19/20	17.33%	4.17%	0.68%
28105	Oktibbeha	Mississippi	03/24/20	08/19/20	33.65%	3.70%	0.54%
28107	Panola	Mississippi	03/25/20	08/19/20	34.66%	4.28%	0.62%
28109	Pearl River	Mississippi	03/25/20	08/19/20	10.38%	2.62%	0.31%
28111	Perry	Mississippi	03/26/20	08/19/20	23.10%	3.77%	0.42%
28113	Pike	Mississippi	03/24/20	08/19/20	35.67%	3.36%	0.45%
28115	Pontotoc	Mississippi	03/25/20	08/19/20	20.27%	4.12%	0.64%
28117	Prentiss	Mississippi	03/24/20				0.57%
28119	Quitman	Mississippi	03/24/20				0.48%
28121	Rankin	Mississippi	03/24/20	08/19/20	43.08%	3.54%	0.50%
28123	Scott	Mississippi	03/24/20	08/19/20	40.55%	4.21%	0.45%
28125	Sharkey	Mississippi	03/24/20				0.66%
28127	Simpson	Mississippi	03/27/20	08/19/20	17.33%	4.54%	0.74%
28129	Smith	Mississippi	04/01/20	08/19/20	19.91%	4.08%	0.45%
28131	Stone	Mississippi	03/24/20				0.50%
28133	Sunflower	Mississippi	03/25/20	08/19/20	14.38%	4.00%	0.54%
28135	Tallahatchie	Mississippi	04/04/20	08/19/20	3.38%	3.82%	0.81%
28137	Tate	Mississippi	03/24/20	08/19/20	69.31%	4.49%	0.53%
28139	Tippah	Mississippi	03/25/20	08/19/20	12.06%	2.51%	0.38%
28141	Tishomingo	Mississippi	03/24/20				0.84%
28143	Tunica	Mississippi	03/25/20	08/19/20	25.54%	3.30%	0.46%
28145	Union	Mississippi	03/24/20	08/19/20	69.31%	4.49%	0.75%
28147	Walthall	Mississippi	03/24/20	08/19/20	40.55%	3.76%	0.51%
28149	Warren	Mississippi	03/24/20				0.68%
28151	Washington	Mississippi	03/25/20	08/19/20	29.39%	3.98%	0.55%
28153	Wayne	Mississippi	03/24/20				0.71%
28155	Webster	Mississippi	03/26/20	08/19/20	13.52%	3.31%	0.46%
28157	Wilkinson	Mississippi	03/24/20	08/19/20	22.31%	2.76%	0.26%
28159	Winston	Mississippi	03/24/20	08/19/20	40.55%	3.90%	0.54%
28161	Yalobusha	Mississippi	03/24/20				0.49%
28163	Yazoo	Mississippi	03/26/20	08/19/20	9.59%	3.84%	0.41%
29001	Adair	Missouri	03/30/20	08/19/20	9.90%	3.55%	0.44%

	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				0.71%
29005	Atchison	Missouri	03/24/20				0.45%
29007	Audrain	Missouri	03/24/20				0.90%
29009	Barry	Missouri	03/24/20				0.77%
29011	Barton	Missouri	03/24/20				1.25%
29013	Bates	Missouri	03/28/20	08/19/20	13.86%	2.70%	0.34%
29015	Benton	Missouri	03/24/20				0.57%
29017	Bollinger	Missouri	03/24/20				0.52%
29019	Boone	Missouri	03/24/20	08/19/20	9.53%	3.01%	0.47%
29021	Buchanan	Missouri	03/24/20				0.63%
29023	Butler	Missouri	03/24/20				0.49%
29025	Caldwell	Missouri	03/24/20				0.55%
29027	Callaway	Missouri	03/26/20	08/19/20	13.52%	3.16%	0.37%
29029	Camden	Missouri	03/27/20	08/19/20	34.66%	4.08%	0.43%
29031	Cape Girard	leaMissouri	03/24/20				0.52%
29033	Carroll	Missouri	03/24/20				0.78%
29035	Carter	Missouri	03/24/20				0.37%
29037	Cass	Missouri	03/24/20	08/19/20	28.77%	3.37%	0.50%
29039	Cedar	Missouri	03/24/20				0.34%
29041	Chariton	Missouri	03/24/20				0.26%
29043	Christian	Missouri	03/24/20	08/19/20	-69.31%	3.70%	0.52%
29045	Clark	Missouri	03/24/20				0.52%
29047	Clay	Missouri	03/24/20	08/19/20	-40.55%	4.02%	0.50%
29049	Clinton	Missouri	03/29/20	08/19/20	23.10%	3.16%	0.35%
29051	Cole	Missouri	03/24/20	08/19/20	18.23%	3.27%	0.44%
29053	Cooper	Missouri	03/24/20				0.58%
29055	Crawford	Missouri	03/24/20				0.52%
29057	Dade	Missouri	03/24/20				0.89%
29059	Dallas	Missouri	03/24/20				0.57%
29061	Daviess	Missouri	03/24/20				0.36%
29063	DeKalb	Missouri	03/24/20				0.41%
29065	Dent	Missouri	03/24/20				0.93%

	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
29067	Douglas	Missouri	03/24/20				1.00%
29069	Dunklin	Missouri	03/25/20	08/19/20	34.66%	4.07%	0.52%
29071	Franklin	Missouri	03/24/20				0.35%
29073	Gasconade	Missouri	03/24/20				0.45%
29075	Gentry	Missouri	03/24/20				0.67%
29077	Greene	Missouri	03/24/20	08/19/20	19.11%	3.18%	0.52%
29079	Grundy	Missouri	03/24/20				0.38%
29081	Harrison	Missouri	03/24/20				0.36%
29083	Henry	Missouri	04/05/20	08/19/20	5.33%	3.08%	0.53%
29085	Hickory	Missouri	03/24/20				1.80%
29087	Holt	Missouri	03/24/20				0.62%
29089	Howard	Missouri	03/24/20				0.66%
29091	Howell	Missouri	03/24/20				0.59%
29093	Iron	Missouri	03/24/20				0.53%
29095	Jackson	Missouri	03/24/20	08/19/20	19.42%	3.92%	0.47%
29097	Jasper	Missouri	03/24/20	08/19/20	69.31%	5.11%	0.72%
29099	Jefferson	Missouri	03/24/20	08/19/20	22.31%	4.22%	0.44%
29101	Johnson	Missouri	03/24/20	03/24/20	69.31%	69.31%	0.41%
29103	Knox	Missouri	03/24/20				0.84%
29105	Laclede	Missouri	03/24/20				1.07%
29107	Lafayette	Missouri	03/24/20	08/19/20	69.31%	3.57%	0.31%
29109	Lawrence	Missouri	03/24/20				1.06%
29111	Lewis	Missouri	03/24/20				0.65%
29113	Lincoln	Missouri	03/24/20				0.45%
29115	Linn	Missouri	03/24/20				0.40%
29117	Livingston	Missouri	03/24/20				0.64%
29119	McDonald	Missouri	03/24/20				0.89%
29121	Macon	Missouri	03/24/20				0.54%
29123	Madison	Missouri	03/24/20				0.59%
29125	Maries	Missouri	03/24/20				0.43%
29127	Marion	Missouri	03/24/20				0.76%
29129	Mercer	Missouri	03/24/20				0.32%

	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				0.87%
29135	Moniteau	Missouri	03/24/20	08/19/20	69.31%	3.45%	0.57%
29137	Monroe	Missouri	03/24/20				0.74%
29139	Montgomery	Missouri	03/24/20				0.31%
29141	Morgan	Missouri	03/24/20				0.71%
29143	New Madrid	Missouri	03/24/20				0.56%
29145	Newton	Missouri	03/24/20				0.74%
29147	Nodaway	Missouri	03/24/20				0.74%
29149	Oregon	Missouri	03/24/20				0.50%
29151	Osage	Missouri	03/24/20				0.43%
29153	Ozark	Missouri	03/24/20				0.93%
29155	Pemiscot	Missouri	03/29/20	08/19/20	11.55%	3.78%	0.65%
29157	Perry	Missouri	03/25/20	08/19/20	34.66%	3.30%	0.31%
29159	Pettis	Missouri	03/24/20				0.83%
29161	Phelps	Missouri	03/24/20				0.75%
29163	Pike	Missouri	03/24/20				0.48%
29165	Platte	Missouri	03/25/20	08/19/20	45.81%	3.60%	0.43%
29167	Polk	Missouri	03/24/20				0.85%
29169	Pulaski	Missouri	03/27/20	08/19/20	5.58%	2.91%	0.52%
29171	Putnam	Missouri	03/24/20				0.78%
29173	Ralls	Missouri	03/24/20				0.64%
29175	Randolph	Missouri	03/30/20	08/19/20	9.90%	3.05%	0.37%
29177	Ray	Missouri	03/24/20				0.43%
29179	Reynolds	Missouri	03/24/20				0.32%
29181	Ripley	Missouri	03/24/20				0.50%
29183	St. Charles	Missouri	03/24/20	08/19/20	40.55%	4.32%	0.40%
29185	St. Clair	Missouri	03/24/20				0.38%
29186	Ste. Genevie	vMissouri	03/24/20				0.39%
29187	St. Francois	Missouri	03/26/20	08/19/20	23.10%	3.91%	0.52%
29189	St. Louis	Missouri	03/24/20	08/19/20	25.46%	3.46%	0.36%
29195	Saline	Missouri	03/24/20				0.48%

	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				0.74%
29199	Scotland	Missouri	03/24/20				0.28%
29201	Scott	Missouri	03/27/20	08/19/20	27.47%	4.20%	0.54%
29203	Shannon	Missouri	03/24/20				0.57%
29205	Shelby	Missouri	03/24/20				0.58%
29207	Stoddard	Missouri	03/24/20				0.51%
29209	Stone	Missouri	03/24/20				0.65%
29211	Sullivan	Missouri	03/24/20				0.94%
29213	Taney	Missouri	03/27/20	08/19/20	17.33%	4.50%	0.75%
29215	Texas	Missouri	03/24/20				1.01%
29217	Vernon	Missouri	03/24/20				0.48%
29219	Warren	Missouri	03/24/20				0.47%
29221	Washington	Missouri	03/24/20				0.78%
29223	Wayne	Missouri	03/24/20				1.39%
29225	Webster	Missouri	03/24/20				0.57%
29227	Worth	Missouri	03/24/20				0.35%
29229	Wright	Missouri	03/24/20				0.37%
29510	St. Louis City	Missouri	03/24/20	08/19/20	64.87%	3.71%	0.34%
30001	Beaverhead	Montana	03/24/20				0.65%
30003	Big Horn	Montana	03/24/20				0.97%
30005	Blaine	Montana	03/24/20				1.51%
30007	Broadwater	Montana	03/24/20	08/19/20	69.31%	1.77%	0.19%
30009	Carbon	Montana	03/24/20				0.40%
30011	Carter	Montana	03/24/20				0.00%
30013	Cascade	Montana	03/25/20	08/19/20	25.54%	2.78%	0.40%
30015	Chouteau	Montana	03/24/20				0.80%
30017	Custer	Montana	03/24/20				1.19%
30019	Daniels	Montana	03/24/20				0.85%
30021	Dawson	Montana	03/24/20				1.12%
30023	Deer Lodge	Montana	03/24/20				0.35%
30025	Fallon	Montana	03/24/20				0.36%
30027	Fergus	Montana	03/24/20				0.57%

	Current Growth F	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
30029	Flathead	Montana	03/24/20	08/19/20	22.31%	3.14%	0.38%
30031	Gallatin	Montana	03/24/20	08/19/20	40.55%	2.78%	0.30%
30033	Garfield	Montana	03/24/20				1.31%
30035	Glacier	Montana	03/24/20				0.52%
30037	Golden Valley	Montana	03/24/20				0.17%
30039	Granite	Montana	03/24/20				1.03%
30041	Hill	Montana	03/24/20				0.59%
30043	Jefferson	Montana	03/24/20				0.43%
30045	Judith Basin	Montana	03/24/20				0.76%
30047	Lake	Montana	03/24/20				0.56%
30049	Lewis and Cla	a Montana	03/25/20	08/19/20	25.54%	2.77%	0.37%
30051	Liberty	Montana	03/24/20				0.00%
30053	Lincoln	Montana	03/24/20				0.39%
30055	McCone	Montana	03/24/20				1.46%
30057	Madison	Montana	03/24/20	08/19/20	69.31%	3.00%	0.39%
30059	Meagher	Montana	03/24/20				0.21%
30061	Mineral	Montana	03/24/20				0.00%
30063	Missoula	Montana	03/25/20	08/19/20	7.71%	2.81%	0.40%
30065	Musselshell	Montana	03/24/20				0.21%
30067	Park	Montana	03/24/20				0.34%
30069	Petroleum	Montana	03/24/20				0.00%
30071	Phillips	Montana	03/24/20				3.94%
30073	Pondera	Montana	03/24/20				0.39%
30075	Powder River	Montana	03/24/20				0.00%
30077	Powell	Montana	03/24/20				0.63%
30079	Prairie	Montana	03/24/20				0.00%
30081	Ravalli	Montana	04/03/20	08/19/20	6.30%	3.02%	0.52%
30083	Richland	Montana	03/24/20				0.43%
30085	Roosevelt	Montana	04/07/20	08/19/20	4.62%	2.30%	0.35%
30087	Rosebud	Montana	03/24/20				1.16%
30089	Sanders	Montana	03/24/20				1.03%
30091	Sheridan	Montana	03/24/20				0.67%

	Current Growth F	Rate Compared to	First Day Growth Rat	te	Confirme	ed Cases	Active Case
FIPS	County	State	First Day L	ast Day	First Rate	Current Rate	Rate
30093	Silver Bow	Montana	03/24/20	08/19/20	69.31%	2.67%	0.35%
30095	Stillwater	Montana	03/24/20				0.53%
30097	Sweet Grass	Montana	03/24/20				1.00%
30099	Teton	Montana	03/24/20				0.47%
30101	Toole	Montana	03/24/20				0.10%
30103	Treasure	Montana	03/24/20				0.00%
30105	Valley	Montana	03/24/20				1.14%
30107	Wheatland	Montana	03/24/20				0.19%
30109	Wibaux	Montana	03/24/20				0.75%
30111	Yellowstone	Montana	03/24/20	08/19/20	53.90%	3.66%	0.51%
31001	Adams	Nebraska	03/27/20	08/19/20	17.33%	3.98%	0.29%
31003	Antelope	Nebraska	03/24/20				0.45%
31005	Arthur	Nebraska	03/24/20				0.00%
31007	Banner	Nebraska	03/24/20				0.20%
31009	Blaine	Nebraska	03/24/20				0.00%
31011	Boone	Nebraska	03/24/20				0.39%
31013	Box Butte	Nebraska	03/24/20				0.44%
31015	Boyd	Nebraska	03/24/20				0.52%
31017	Brown	Nebraska	03/24/20				1.98%
31019	Buffalo	Nebraska	03/26/20	08/19/20	23.10%	3.76%	0.42%
31021	Burt	Nebraska	03/24/20				0.61%
31023	Butler	Nebraska	03/24/20				0.68%
31025	Cass	Nebraska	04/07/20	08/19/20	2.70%	3.17%	0.66%
31027	Cedar	Nebraska	03/24/20				0.49%
31029	Chase	Nebraska	03/24/20				0.52%
31031	Cherry	Nebraska	03/24/20				0.21%
31033	Cheyenne	Nebraska	03/24/20				0.34%
31035	Clay	Nebraska	03/24/20				0.50%
31037	Colfax	Nebraska	03/24/20				0.80%
31039	Cuming	Nebraska	03/24/20				0.55%
31041	Custer	Nebraska	03/24/20				0.23%
31043	Dakota	Nebraska	03/24/20				1.06%

	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				0.43%
31047	Dawson	Nebraska	03/24/20				0.68%
31049	Deuel	Nebraska	03/24/20				0.37%
31051	Dixon	Nebraska	03/24/20				0.66%
31053	Dodge	Nebraska	03/24/20				0.70%
31055	Douglas	Nebraska	03/24/20	08/19/20	9.76%	3.87%	0.61%
31057	Dundy	Nebraska	03/24/20				0.65%
31059	Fillmore	Nebraska	03/24/20				0.56%
31061	Franklin	Nebraska	03/24/20				0.32%
31063	Frontier	Nebraska	03/24/20				0.25%
31065	Furnas	Nebraska	03/24/20				0.34%
31067	Gage	Nebraska	03/29/20	08/19/20		3.15%	0.23%
31069	Garden	Nebraska	03/24/20				0.23%
31071	Garfield	Nebraska	03/24/20				0.43%
31073	Gosper	Nebraska	03/24/20				0.48%
31075	Grant	Nebraska	03/24/20				0.00%
31077	Greeley	Nebraska	03/24/20				0.39%
31079	Hall	Nebraska	03/24/20				0.37%
31081	Hamilton	Nebraska	03/24/20				0.33%
31083	Harlan	Nebraska	03/24/20				0.15%
31085	Hayes	Nebraska	03/24/20				0.00%
31087	Hitchcock	Nebraska	03/24/20				0.00%
31089	Holt	Nebraska	03/24/20				0.48%
31091	Hooker	Nebraska	03/24/20				0.25%
31093	Howard	Nebraska	03/24/20				0.52%
31095	Jefferson	Nebraska	03/24/20				0.51%
31097	Johnson	Nebraska	03/24/20				0.46%
31099	Kearney	Nebraska	03/24/20				0.52%
31101	Keith	Nebraska	03/24/20				0.68%
31103	Keya Paha	Nebraska	03/24/20				0.00%
31105	Kimball	Nebraska	03/24/20				0.08%
31107	Knox	Nebraska	05/04/20	08/19/20	1.65%	2.09%	0.48%

	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	08/19/20	40.55%		0.65%
31111	Lincoln	Nebraska	03/29/20	08/19/20	8.51%	2.95%	0.40%
31113	Logan	Nebraska	03/24/20				0.00%
31115	Loup	Nebraska	03/24/20				0.00%
31117	McPherson	Nebraska	03/24/20				-0.10%
31119	Madison	Nebraska	03/29/20	08/19/20	11.55%	4.20%	0.75%
31121	Merrick	Nebraska	03/24/20				0.53%
31123	Morrill	Nebraska	03/24/20				0.66%
31125	Nance	Nebraska	03/24/20				0.38%
31127	Nemaha	Nebraska	05/12/20	08/19/20	1.39%	2.70%	0.61%
31129	Nuckolls	Nebraska	03/24/20				0.37%
31131	Otoe	Nebraska	03/24/20				0.67%
31133	Pawnee	Nebraska	03/24/20				1.15%
31135	Perkins	Nebraska	03/24/20				1.23%
31137	Phelps	Nebraska	03/24/20				0.60%
31139	Pierce	Nebraska	03/24/20				0.61%
31141	Platte	Nebraska	03/24/20				0.76%
31143	Polk	Nebraska	03/24/20				0.51%
31145	Red Willow	Nebraska	03/24/20				0.47%
31147	Richardson	Nebraska	03/24/20				0.67%
31149	Rock	Nebraska	03/24/20				0.39%
31151	Saline	Nebraska	03/24/20				1.01%
31153	Sarpy	Nebraska	03/26/20	08/19/20	7.44%	3.88%	0.64%
31155	Saunders	Nebraska	03/25/20	08/19/20	34.66%	3.51%	0.55%
31157	Scotts Bluff	Nebraska	03/24/20				0.48%
31159	Seward	Nebraska	03/24/20				0.75%
31161	Sheridan	Nebraska	03/24/20				0.65%
31163	Sherman	Nebraska	03/24/20				0.45%
31165	Sioux	Nebraska	03/24/20				0.46%
31167	Stanton	Nebraska	03/24/20				0.53%
31169	Thayer	Nebraska	03/24/20				0.68%
31171	Thomas	Nebraska	03/24/20				0.13%

	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
31173	Thurston	Nebraska	03/24/20				0.87%
31175	Valley	Nebraska	03/24/20				0.47%
31177	Washington	Nebraska	03/25/20	08/19/20	14.38%	2.63%	0.31%
31179	Wayne	Nebraska	03/24/20				0.56%
31181	Webster	Nebraska	03/24/20				0.35%
31183	Wheeler	Nebraska	03/24/20				0.00%
31185	York	Nebraska	03/24/20				0.53%
32001	Churchill	Nevada	03/24/20				0.70%
32003	Clark	Nevada	03/24/20	08/19/20	16.09%	3.73%	0.49%
32005	Douglas	Nevada	03/24/20	08/19/20	40.55%	3.16%	0.47%
32007	Elko County	Nevada	03/28/20	08/19/20	8.11%	3.90%	0.64%
32009	Esmeralda	Nevada	03/24/20				0.00%
32011	Eureka	Nevada	03/24/20				0.59%
32013	Humboldt	Nevada	03/24/20				0.27%
32015	Lander	Nevada	03/24/20				0.66%
32017	Lincoln	Nevada	03/24/20				0.25%
32019	Lyon	Nevada	03/24/20				0.56%
32021	Mineral	Nevada	03/24/20				0.30%
32023	Nye	Nevada	03/31/20	08/19/20	17.33%	4.09%	0.58%
32027	Pershing	Nevada	03/24/20				0.54%
32029	Storey	Nevada	03/24/20				0.37%
32031	Washoe	Nevada	03/24/20	08/19/20	12.78%	3.35%	0.42%
32033	White Pine	Nevada	03/24/20				0.43%
32510	Carson City	Nevada	03/27/20	08/19/20	22.91%	3.55%	0.49%
33001	Belknap	New Hampshire	03/25/20	08/19/20	6.68%	1.91%	0.26%
33003	Carroll	New Hampshire	03/27/20	08/19/20	3.34%	1.77%	0.19%
33005	Cheshire	New Hampshire	03/26/20	08/19/20	23.10%	3.14%	0.27%
33007	Coos	New Hampshire	03/24/20				0.33%
33009	Grafton	New Hampshire	03/24/20	08/19/20	4.88%	1.13%	0.14%
33011	Hillsborough	New Hampshire	03/24/20	08/19/20	5.13%	3.58%	0.36%
33013	Merrimack	New Hampshire	03/25/20	08/19/20	11.16%	3.21%	0.29%
33015	Rockingham	New Hampshire	03/24/20	08/19/20	10.01%	2.57%	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	08/19/20	22.31%	3.03%	0.28%
33019	Sullivan	New Hampshire	03/26/20	08/19/20	23.10%	2.54%	0.30%
34001	Atlantic	New Jersey	03/24/20	08/19/20	69.31%	4.30%	0.40%
34003	Bergen	New Jersey	03/24/20	08/19/20	15.56%	2.29%	0.11%
34005	Burlington	New Jersey	03/24/20	08/19/20	13.35%	3.36%	0.26%
34007	Camden	New Jersey	03/24/20	08/19/20	17.90%	3.46%	0.29%
34009	Cape May	New Jersey	03/24/20	08/19/20	28.77%	3.80%	0.27%
34011	Cumberland	New Jersey	03/24/20	08/19/20	40.55%	5.00%	0.46%
34013	Essex	New Jersey	03/24/20	08/19/20	10.80%	2.73%	0.15%
34015	Gloucester	New Jersey	03/24/20	08/19/20	19.11%	3.50%	0.28%
34017	Hudson	New Jersey	03/24/20	08/19/20	10.54%	2.98%	0.14%
34019	Hunterdon	New Jersey	03/25/20	08/19/20	22.23%	2.59%	0.19%
34021	Mercer	New Jersey	03/24/20	08/19/20	34.63%	3.33%	0.25%
34023	Middlesex	New Jersey	03/24/20	08/19/20	13.17%	2.81%	0.17%
34025	Monmouth	New Jersey	03/24/20	08/19/20	8.32%	2.42%	0.15%
34027	Morris	New Jersey	03/24/20	08/19/20	8.91%	2.41%	0.12%
34029	Ocean	New Jersey	03/24/20	08/19/20	20.97%	2.75%	0.16%
34031	Passaic	New Jersey	03/24/20	08/19/20	16.60%	2.97%	0.17%
34033	Salem	New Jersey	03/25/20	08/19/20	34.66%	4.60%	0.42%
34035	Somerset	New Jersey	03/24/20	08/19/20	13.72%	2.66%	0.16%
34037	Sussex	New Jersey	03/24/20	08/19/20	40.55%	2.90%	0.15%
34039	Union	New Jersey	03/24/20	08/19/20	6.30%	2.84%	0.15%
34041	Warren	New Jersey	03/24/20	08/19/20	18.23%	3.03%	0.18%
35001	Bernalillo	New Mexico	03/24/20	08/19/20	11.00%	3.25%	0.39%
35003	Catron	New Mexico	03/24/20				0.21%
35005	Chaves	New Mexico	03/27/20	08/19/20	13.99%	3.34%	0.52%
35006	Cibola	New Mexico	03/27/20	08/19/20	17.33%	4.01%	0.42%
35007	Colfax	New Mexico	03/24/20				0.44%
35009	Curry	New Mexico	03/28/20	08/19/20	21.97%	4.31%	0.63%
35011	De Baca	New Mexico	03/24/20				0.00%
35013	Dona Ana	New Mexico	03/26/20	08/19/20	6.92%	3.58%	0.62%
35015	Eddy	New Mexico	03/24/20				0.64%

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				0.32%
35019	Guadalupe	New Mexico	03/24/20				0.56%
35021	Harding	New Mexico	03/24/20				0.12%
35023	Hidalgo	New Mexico	03/24/20				0.96%
35025	Lea	New Mexico	03/27/20	08/19/20	17.33%	4.63%	0.95%
35027	Lincoln	New Mexico	03/24/20				0.78%
35028	Los Alamos	New Mexico	03/24/20				0.24%
35029	Luna	New Mexico	03/24/20				0.75%
35031	McKinley	New Mexico	03/27/20	08/19/20	12.77%	4.85%	0.51%
35033	Mora	New Mexico	03/24/20				0.87%
35035	Otero	New Mexico	03/24/20				0.60%
35037	Quay	New Mexico	03/24/20				0.60%
35039	Rio Arriba	New Mexico	03/24/20				0.59%
35041	Roosevelt	New Mexico	03/24/20				0.80%
35043	Sandoval	New Mexico	03/24/20	08/19/20	13.35%	3.44%	0.24%
35045	San Juan	New Mexico	03/24/20	08/19/20	13.35%	4.09%	0.46%
35047	San Miguel	New Mexico	04/14/20	08/19/20	3.15%	2.73%	0.62%
35049	Santa Fe	New Mexico	03/24/20	08/19/20	19.42%	2.66%	0.35%
35051	Sierra	New Mexico	03/24/20				0.62%
35053	Socorro	New Mexico	03/30/20	08/19/20	5.79%	2.43%	0.27%
35055	Taos	New Mexico	03/27/20	08/19/20	24.52%	2.45%	0.31%
35057	Torrance	New Mexico	03/24/20				0.28%
35059	Union	New Mexico	03/24/20				0.58%
35061	Valencia	New Mexico	03/24/20				0.50%
36001	Albany	New York	03/24/20	08/19/20	4.03%	1.95%	0.26%
36003	Allegany	New York	03/28/20	08/19/20	21.97%	2.48%	0.18%
36005	Bronx	New York	03/24/20				0.00%
36007	Broome	New York	03/24/20	08/19/20	20.07%	3.28%	0.34%
36009	Cattaraugus	New York	03/24/20				0.27%
36011	Cayuga	New York	03/29/20	08/19/20	6.76%	2.96%	0.26%
36013	Chautauqua	New York	03/27/20	08/19/20	22.91%	3.30%	0.40%
36015	Chemung	New York	03/25/20	08/19/20	42.36%	2.79%	0.18%

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	08/19/20	9.59%	2.88%	0.19%
36019	Clinton	New York	03/24/20	08/19/20	51.08%	2.09%	0.18%
36021	Columbia	New York	03/24/20	08/19/20	5.41%	2.31%	0.29%
36023	Cortland	New York	03/24/20	08/19/20	40.55%	2.61%	0.24%
36025	Delaware	New York	03/24/20	08/19/20	51.08%	2.41%	0.16%
36027	Dutchess	New York	03/24/20	08/19/20	21.02%	2.44%	0.14%
36029	Erie	New York	03/24/20	08/19/20	6.78%	2.95%	0.27%
36031	Essex	New York	03/24/20	08/19/20	28.77%	2.24%	0.26%
36033	Franklin	New York	03/24/20				0.24%
36035	Fulton	New York	03/31/20	08/19/20	8.66%	3.84%	0.40%
36037	Genesee	New York	03/24/20	08/19/20	69.31%	3.81%	0.22%
36039	Greene	New York	03/25/20	08/19/20	11.16%	2.90%	0.29%
36041	Hamilton	New York	04/08/20	08/19/20	2.53%	1.20%	0.20%
36043	Herkimer	New York	03/24/20	08/19/20	22.31%	2.86%	0.32%
36045	Jefferson	New York	03/25/20	08/19/20	34.66%	2.87%	0.17%
36047	Kings	New York	03/24/20				0.00%
36049	Lewis	New York	03/24/20				0.32%
36051	Livingston	New York	03/27/20	08/19/20	30.10%	2.74%	0.26%
36053	Madison	New York	03/24/20	08/19/20	55.96%	3.13%	0.21%
36055	Monroe	New York	03/24/20	08/19/20	10.72%	2.62%	0.29%
36057	Montgomery	New York	03/24/20	08/19/20	28.77%	2.78%	0.29%
36059	Nassau	New York	03/24/20	08/19/20	13.54%	1.83%	0.09%
36061	New York City	/ New York	03/24/20	08/19/20	18.07%	1.84%	0.12%
36063	Niagara	New York	03/24/20	08/19/20	18.23%	3.38%	0.31%
36065	Oneida	New York	03/25/20	08/19/20	13.12%	3.63%	0.37%
36067	Onondaga	New York	03/24/20	08/19/20	30.01%	2.77%	0.30%
36069	Ontario	New York	03/24/20	08/19/20	40.55%	2.77%	0.27%
36071	Orange	New York	03/24/20	08/19/20	24.77%	2.09%	0.12%
36073	Orleans	New York	03/24/20				0.35%
36075	Oswego	New York	03/25/20	08/19/20	34.66%	3.31%	0.29%
36077	Otsego	New York	03/24/20	08/19/20	69.31%	3.23%	0.16%
36079	Putnam	New York	03/24/20	08/19/20	2.41%	1.94%	0.16%

	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	08/19/20	14.38%	2.15%	0.32%
36085	Richmond	New York	03/24/20				0.00%
36087	Rockland	New York	03/24/20	08/19/20	36.65%	2.04%	0.09%
36089	St. Lawrence	New York	03/25/20	08/19/20	69.31%	3.74%	0.17%
36091	Saratoga	New York	03/24/20	08/19/20	18.86%	1.82%	0.22%
36093	Schenectady	New York	03/24/20	08/19/20	22.31%	2.19%	0.27%
36095	Schoharie	New York	03/24/20	08/19/20	69.31%	2.84%	0.27%
36097	Schuyler	New York	03/24/20				0.23%
36099	Seneca	New York	03/24/20				0.27%
36101	Steuben	New York	03/25/20	08/19/20	15.92%	2.45%	0.10%
36103	Suffolk	New York	03/24/20	08/19/20	18.41%	2.12%	0.11%
36105	Sullivan	New York	03/24/20	08/19/20	52.81%	2.80%	0.22%
36107	Tioga	New York	03/25/20	08/19/20	34.66%	3.57%	0.31%
36109	Tompkins	New York	03/24/20	08/19/20	11.78%	1.82%	0.11%
36111	Ulster	New York	03/24/20	08/19/20	61.90%	2.75%	0.18%
36113	Warren	New York	03/26/20	08/19/20	46.21%	3.39%	0.28%
36115	Washington	New York	03/24/20	08/19/20	28.77%	3.00%	0.31%
36117	Wayne	New York	03/24/20	08/19/20	15.42%	2.55%	0.28%
36119	Westchester	New York	03/24/20	08/19/20	18.70%	1.50%	0.10%
36121	Wyoming	New York	03/25/20	08/19/20	27.98%	2.28%	0.21%
36123	Yates	New York	03/24/20				0.50%
37001	Alamance	North Carolina	03/25/20	08/19/20	14.38%	4.57%	0.66%
37003	Alexander	North Carolina	03/24/20				0.79%
37005	Alleghany	North Carolina	03/24/20				0.69%
37007	Anson	North Carolina	03/24/20				0.56%
37009	Ashe	North Carolina	03/24/20				0.58%
37011	Avery	North Carolina	03/24/20				1.02%
37013	Beaufort	North Carolina	03/24/20	08/19/20	40.55%	3.66%	0.55%
37015	Bertie	North Carolina	03/24/20		109.86%)	0.52%
37017	Bladen	North Carolina	03/24/20				1.00%
37019	Brunswick	North Carolina	03/25/20	08/19/20	4.77%	3.29%	0.57%

	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
37021	Buncombe	North Carolina	03/25/20	08/19/20	11.16%	3.49%	0.63%
37023	Burke	North Carolina	03/24/20				0.52%
37025	Cabarrus	North Carolina	03/24/20	08/19/20	18.23%	3.80%	0.49%
37027	Caldwell	North Carolina	03/24/20		109.86%		0.67%
37029	Camden	North Carolina	03/24/20				0.76%
37031	Carteret	North Carolina	03/27/20	08/19/20	8.41%	2.94%	0.46%
37033	Caswell	North Carolina	03/24/20				0.65%
37035	Catawba	North Carolina	03/25/20	08/19/20	40.55%	4.28%	0.66%
37037	Chatham	North Carolina	03/24/20	08/19/20	69.31%	4.11%	0.47%
37039	Cherokee	North Carolina	03/28/20	08/19/20	8.11%	2.99%	0.53%
37041	Chowan	North Carolina	03/24/20				0.62%
37043	Clay	North Carolina	03/24/20				0.45%
37045	Cleveland	North Carolina	03/24/20				0.55%
37047	Columbus	North Carolina	03/24/20				0.53%
37049	Craven	North Carolina	03/26/20		9.59%		0.53%
37051	Cumberland	North Carolina	03/24/20	08/19/20	47.00%	4.41%	0.57%
37053	Currituck	North Carolina	03/24/20				0.51%
37055	Dare	North Carolina	03/24/20				0.44%
37057	Davidson	North Carolina	03/25/20	08/19/20	14.38%	4.35%	0.48%
37059	Davie	North Carolina	03/26/20	08/19/20	23.10%	4.10%	0.47%
37061	Duplin	North Carolina	03/31/20	08/19/20	8.66%	5.12%	0.75%
37063	Durham	North Carolina	03/24/20	08/19/20	4.14%	3.03%	0.48%
37065	Edgecombe	North Carolina	03/24/20				0.54%
37067	Forsyth	North Carolina	03/24/20	08/19/20	6.90%	4.03%	0.60%
37069	Franklin	North Carolina	03/24/20	08/19/20	22.31%	3.68%	0.41%
37071	Gaston	North Carolina	03/24/20	08/19/20	40.55%	4.59%	0.59%
37073	Gates	North Carolina	03/24/20				0.41%
37075	Graham	North Carolina	03/24/20				0.68%
37077	Granville	North Carolina	03/26/20		36.62%	4.86%	0.42%
37079	Greene	North Carolina	03/24/20				0.55%
37081	Guilford	North Carolina	03/24/20	08/19/20	31.85%	4.00%	0.59%
37083	Halifax	North Carolina	03/24/20				0.55%

	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	08/19/20	10.54%	3.42%	0.55%
37087	Haywood	North Carolina	03/24/20				0.77%
37089	Henderson	North Carolina	03/25/20	08/19/20	54.93%	4.49%	0.47%
37091	Hertford	North Carolina	03/24/20	08/19/20	69.31%	4.06%	0.71%
37093	Hoke	North Carolina	03/24/20	08/19/20	69.31%	4.48%	0.58%
37095	Hyde	North Carolina	03/29/20	08/19/20		2.79%	0.71%
37097	Iredell	North Carolina	03/24/20	08/19/20	20.07%	3.65%	0.52%
37099	Jackson	North Carolina	04/02/20	08/19/20	6.93%	4.12%	0.84%
37101	Johnston	North Carolina	03/24/20	08/19/20	69.31%	4.55%	0.56%
37103	Jones	North Carolina	03/24/20				0.45%
37105	Lee	North Carolina	03/25/20	08/19/20	34.66%	4.84%	0.69%
37107	Lenoir	North Carolina	03/24/20	08/19/20	69.31%	4.39%	0.59%
37109	Lincoln	North Carolina	03/28/20	08/19/20	21.97%	4.61%	0.64%
37111	McDowell	North Carolina	03/27/20	08/19/20	22.91%	3.96%	0.58%
37113	Macon	North Carolina	03/24/20				0.95%
37115	Madison	North Carolina	03/24/20				0.67%
37117	Martin	North Carolina	03/24/20				0.59%
37119	Mecklenburg	North Carolina	03/24/20	08/19/20	18.00%	3.43%	0.49%
37121	Mitchell	North Carolina	03/24/20				0.46%
37123	Montgomery	North Carolina	03/25/20	08/19/20	54.93%	4.43%	0.63%
37125	Moore	North Carolina	03/25/20	08/19/20	20.27%	4.25%	0.40%
37127	Nash	North Carolina	03/30/20	08/19/20	11.58%		0.58%
37129		North Carolina	03/25/20	08/19/20	16.82%	3.77%	0.59%
37131	Northampton	North Carolina	03/25/20	08/19/20	54.93%	3.88%	0.25%
37133	Onslow	North Carolina	03/24/20	08/19/20	28.77%	4.06%	0.56%
37135	Orange	North Carolina	03/24/20		77.32%	3.77%	0.36%
37137	Pamlico	North Carolina	03/24/20				0.38%
37139	Pasquotank	North Carolina	03/28/20	08/19/20	13.86%	4.13%	0.52%
37141	Pender	North Carolina	03/24/20				0.76%
37143	Perquimans	North Carolina	03/24/20				0.48%
37145	Person	North Carolina	03/24/20				0.53%
37147	Pitt	North Carolina	03/25/20	08/19/20	14.38%	4.02%	0.56%

	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
37149	Polk	North Carolina	03/24/20				0.46%
37151	Randolph	North Carolina	03/26/20	08/19/20	32.69%	4.45%	0.59%
37153	Richmond	North Carolina	03/24/20				0.64%
37155	Robeson	North Carolina	03/30/20	08/19/20	5.79%	4.94%	0.91%
37157	Rockingham	North Carolina	03/24/20				0.61%
37159	Rowan	North Carolina	03/24/20	08/19/20	18.23%	4.16%	0.47%
37161	Rutherford	North Carolina	03/24/20				0.48%
37163	Sampson	North Carolina	04/02/20	08/19/20	6.93%	4.92%	0.76%
37165	Scotland	North Carolina	03/28/20	08/19/20	13.86%	4.16%	0.61%
37167	Stanly	North Carolina	03/24/20				0.68%
37169	Stokes	North Carolina	03/24/20				0.53%
37171	Surry	North Carolina	03/24/20				0.71%
37173	Swain	North Carolina	03/24/20				0.65%
37175	Transylvania	North Carolina	03/24/20	08/19/20	69.31%	3.49%	0.52%
37177	Tyrrell	North Carolina	03/24/20				0.61%
37179	Union	North Carolina	03/24/20	08/19/20	24.51%	3.55%	0.54%
37181	Vance	North Carolina	03/24/20	08/19/20	69.31%	4.51%	0.57%
37183	Wake	North Carolina	03/24/20	08/19/20	10.08%	3.55%	0.51%
37185	Warren	North Carolina	03/24/20				0.69%
37187	Washington	North Carolina	03/24/20				0.36%
37189	Watauga	North Carolina	03/26/20	08/19/20	17.03%	3.21%	0.58%
37191	Wayne	North Carolina	03/24/20	08/19/20	40.55%	4.82%	0.56%
37193	Wilkes	North Carolina	03/24/20				0.88%
37195	Wilson	North Carolina	03/24/20	08/19/20	40.55%	4.02%	0.50%
37197	Yadkin	North Carolina	03/24/20				0.57%
37199	Yancey	North Carolina	03/24/20				0.81%
38001	Adams	North Dakota	03/24/20				0.80%
38003	Barnes	North Dakota	03/24/20				0.49%
38005	Benson	North Dakota	03/24/20				0.85%
38007	Billings	North Dakota	03/24/20				0.36%
38009	Bottineau	North Dakota	03/24/20				0.67%
38011	Bowman	North Dakota	03/24/20				0.41%

	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
38013	Burke	North Dakota	03/24/20				0.38%
38015	Burleigh	North Dakota	03/25/20	08/19/20	10.03%	2.99%	0.52%
38017	Cass	North Dakota	03/24/20	08/19/20	69.31%	4.68%	0.52%
38019	Cavalier	North Dakota	03/24/20				1.13%
38021	Dickey	North Dakota	03/24/20				0.67%
38023	Divide	North Dakota	03/24/20				0.25%
38025	Dunn	North Dakota	04/09/20	08/19/20	4.08%	2.41%	0.43%
38027	Eddy	North Dakota	03/24/20				0.47%
38029	Emmons	North Dakota	03/24/20				0.37%
38031	Foster	North Dakota	03/24/20				0.50%
38033	Golden Valley	North Dakota	03/24/20				1.43%
38035	Grand Forks	North Dakota	03/24/20				0.66%
38037	Grant	North Dakota	03/24/20				0.21%
38039	Griggs	North Dakota	03/24/20				0.80%
38041	Hettinger	North Dakota	03/24/20				0.76%
38043	Kidder	North Dakota	03/24/20				0.88%
38045	LaMoure	North Dakota	03/24/20				0.74%
38047	Logan	North Dakota	03/24/20				0.91%
38049	McHenry	North Dakota	03/24/20				0.62%
38051	McIntosh	North Dakota	03/24/20				0.57%
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				0.45%
38059	Morton	North Dakota	03/24/20	08/19/20	13.35%	2.86%	0.51%
38061	Mountrail	North Dakota	03/24/20				0.31%
38063	Nelson	North Dakota	03/24/20				0.54%
38065	Oliver	North Dakota	03/24/20				0.30%
38067	Pembina	North Dakota	03/24/20				0.56%
38069	Pierce	North Dakota	05/06/20	08/19/20	0.92%	1.55%	0.34%
38071	Ramsey	North Dakota	03/24/20		109.86%		0.52%
38073	Ransom	North Dakota	03/24/20				0.59%
38075	Renville	North Dakota	03/24/20				0.41%

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	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
38077	Richland	North Dakota	03/24/20				0.63%
38079	Rolette	North Dakota	03/24/20				0.70%
38081	Sargent	North Dakota	03/24/20				0.35%
38083	Sheridan	North Dakota	03/24/20				0.59%
38085	Sioux	North Dakota	03/24/20				0.71%
38087	Slope	North Dakota	03/24/20				0.04%
38089	Stark	North Dakota	03/24/20				0.40%
38091	Steele	North Dakota	03/24/20				0.58%
38093	Stutsman	North Dakota	03/24/20				0.75%
38095	Towner	North Dakota	03/24/20				0.81%
38097	Traill	North Dakota	03/24/20				0.79%
38099	Walsh	North Dakota	04/05/20	08/19/20	8.45%	3.28%	0.58%
38101	Ward	North Dakota	03/26/20	08/19/20	9.59%	3.18%	0.42%
38103	Wells	North Dakota	03/24/20				0.54%
38105	Williams	North Dakota	03/24/20				0.56%
39001	Adams	Ohio	03/24/20				0.49%
39003	Allen	Ohio	03/24/20				0.51%
39005	Ashland	Ohio	03/26/20	08/19/20	36.62%	3.41%	
39007	Ashtabula	Ohio	03/26/20	08/19/20	17.03%	3.55%	
39009	Athens	Ohio	03/24/20				0.80%
39011	Auglaize	Ohio	03/24/20				0.49%
39013	Belmont	Ohio	03/24/20	08/19/20	40.55%	3.90%	0.39%
39015	Brown	Ohio	03/24/20				0.55%
39017	Butler	Ohio	03/25/20	08/19/20	7.71%	3.50%	
39019	Carroll	Ohio	03/28/20				
39021	Champaign	Ohio	03/25/20				
39023	Clark	Ohio	03/28/20		25.06%	4.35%	0.64%
39025	Clermont	Ohio	03/25/20	08/19/20	9.12%	3.62%	0.51%
39027	Clinton	Ohio	03/24/20	08/19/20	69.31%	3.54%	0.39%
39029	Columbiana	Ohio	03/24/20	08/19/20	28.77%	4.27%	0.44%
39031	Coshocton	Ohio	03/24/20	08/19/20	28.77%	2.84%	0.38%
39033	Crawford	Ohio	03/27/20	08/19/20	17.33%	3.50%	0.37%

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	Current Growth	Rate Compared	to First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
39035	Cuyahoga	Ohio	03/24/20	08/19/20	20.99%	3.00%	0.39%
39037	Darke	Ohio	03/28/20	08/19/20	21.97%	4.18%	0.39%
39039	Defiance	Ohio	03/26/20	08/19/20	30.54%	3.03%	0.43%
39041	Delaware	Ohio	03/24/20	08/19/20	8.70%	3.28%	0.42%
39043	Erie	Ohio	03/24/20	08/19/20	69.31%	4.37%	0.66%
39045	Fairfield	Ohio	03/24/20	08/19/20	91.63%	4.46%	0.45%
39047	Fayette	Ohio	03/24/20				0.42%
39049	Franklin	Ohio	03/24/20	08/19/20	15.98%	3.75%	0.47%
39051	Fulton	Ohio	03/24/20				0.49%
39053	Gallia	Ohio	04/01/20	08/19/20	12.21%	3.09%	0.48%
39055	Geauga	Ohio	03/24/20	08/19/20	-22.31%	3.20%	0.34%
39057	Greene	Ohio	03/30/20	08/19/20	9.90%	3.78%	0.52%
39059	Guernsey	Ohio	03/24/20				0.45%
39061	Hamilton	Ohio	03/24/20	08/19/20	23.36%	3.76%	0.46%
39063	Hancock	Ohio	03/25/20	08/19/20	34.66%	4.11%	0.49%
39065	Hardin	Ohio	03/24/20				0.55%
39067	Harrison	Ohio	03/24/20				0.52%
39069	Henry	Ohio	03/24/20				0.76%
39071	Highland	Ohio	03/31/20	08/19/20	8.66%	3.49%	0.52%
39073	Hocking	Ohio	03/24/20				0.63%
39075	Holmes	Ohio	03/24/20				0.72%
39077	Huron	Ohio	03/25/20	08/19/20	20.27%	3.60%	0.53%
39079	Jackson	Ohio	03/24/20				0.59%
39081	Jefferson	Ohio	03/24/20				0.36%
39083	Knox	Ohio	03/24/20	08/19/20	69.31%	3.66%	0.49%
39085	Lake	Ohio	03/24/20	08/19/20	24.12%	3.16%	0.37%
39087	Lawrence	Ohio	03/24/20				0.48%
39089	Licking	Ohio	03/24/20	08/19/20	40.55%	4.43%	0.44%
39091	Logan	Ohio	03/27/20	08/19/20	10.14%	3.09%	0.51%
39093	Lorain	Ohio	03/24/20	08/19/20	20.97%	2.81%	0.37%
39095	Lucas	Ohio	03/24/20	08/19/20	57.05%	4.11%	0.37%
39097	Madison	Ohio	03/24/20	08/19/20	69.31%	4.32%	0.52%

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

	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	08/19/20	40.55%	3.07%	0.28%
39101	Marion	Ohio	03/26/20	08/19/20	7.44%	4.44%	0.62%
39103	Medina	Ohio	03/24/20	08/19/20	38.30%	2.84%	0.35%
39105	Meigs	Ohio	03/24/20				0.66%
39107	Mercer	Ohio	03/24/20				0.63%
39109	Miami	Ohio	03/25/20	08/19/20	2.56%	2.64%	0.34%
39111	Monroe	Ohio	03/24/20				0.57%
39113	Montgomery	Ohio	03/24/20	08/19/20	33.65%	4.15%	0.49%
39115	Morgan	Ohio	03/24/20				0.44%
39117	Morrow	Ohio	03/24/20				0.49%
39119	Muskingum	Ohio	03/24/20				0.55%
39121	Noble	Ohio	03/24/20				0.46%
39123	Ottawa	Ohio	03/24/20				0.57%
39125	Paulding	Ohio	03/24/20				0.42%
39127	Perry	Ohio	03/24/20				0.48%
39129	Pickaway	Ohio	03/24/20				0.57%
39131	Pike	Ohio	03/24/20				0.69%
39133	Portage	Ohio	03/25/20	08/19/20	34.66%	3.56%	0.28%
39135	Preble	Ohio	03/24/20				0.45%
39137	Putnam	Ohio	03/24/20				0.84%
39139	Richland	Ohio	03/27/20	08/19/20	5.58%	3.43%	0.45%
39141	Ross	Ohio	03/24/20				0.54%
39143	Sandusky	Ohio	03/27/20	08/19/20	17.33%	4.16%	0.61%
39145	Scioto	Ohio	03/24/20				0.65%
39147	Seneca	Ohio	03/29/20		18.31%	3.78%	0.54%
39149	Shelby	Ohio	03/24/20				0.35%
39151	Stark	Ohio	03/25/20				0.40%
39153	Summit	Ohio	03/24/20	08/19/20	15.42%	3.15%	0.42%
39155	Trumbull	Ohio	03/24/20		81.09%	4.05%	0.35%
39157	Tuscarawas	Ohio	03/27/20	08/19/20	12.77%	3.76%	0.52%
39159	Union	Ohio	03/24/20	08/19/20	40.55%	3.39%	0.53%
39161	Van Wert	Ohio	03/24/20				0.56%

	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				0.42%
39165	Warren	Ohio	03/24/20	08/19/20	13.35%	3.81%	0.50%
39167	Washington	Ohio	03/26/20	08/19/20	23.10%	3.61%	0.25%
39169	Wayne	Ohio	03/24/20				0.39%
39171	Williams	Ohio	03/24/20				0.59%
39173	Wood	Ohio	03/24/20	08/19/20	40.55%	4.29%	0.47%
39175	Wyandot	Ohio	03/24/20				0.44%
40001	Adair	Oklahoma	03/24/20				0.42%
40003	Alfalfa	Oklahoma	03/24/20				0.28%
40005	Atoka	Oklahoma	03/24/20				0.69%
40007	Beaver	Oklahoma	03/24/20				0.57%
40009	Beckham	Oklahoma	03/24/20				0.71%
40011	Blaine	Oklahoma	03/24/20				0.71%
40013	Bryan	Oklahoma	03/24/20				0.79%
40015	Caddo	Oklahoma	03/24/20				0.61%
40017	Canadian	Oklahoma	03/24/20	08/19/20	22.31%	3.91%	0.49%
40019	Carter	Oklahoma	03/24/20				0.91%
40021	Cherokee	Oklahoma	03/24/20				0.53%
40023	Choctaw	Oklahoma	03/24/20				0.71%
40025	Cimarron	Oklahoma	03/24/20				0.44%
40027	Cleveland	Oklahoma	03/24/20	08/19/20	20.48%	3.38%	0.40%
40029	Coal	Oklahoma	03/24/20				0.83%
40031	Comanche	Oklahoma	03/24/20				0.45%
40033	Cotton	Oklahoma	03/24/20				0.24%
40035	Craig	Oklahoma	03/24/20				0.40%
40037	Creek	Oklahoma	03/24/20				0.40%
40039	Custer	Oklahoma	03/24/20	08/19/20	40.55%	3.24%	0.60%
40041	Delaware	Oklahoma	03/24/20				0.34%
40043	Dewey	Oklahoma	03/24/20				0.41%
40045	Ellis	Oklahoma	03/24/20				0.55%
40047	Garfield	Oklahoma	03/24/20				0.75%
40049	Garvin	Oklahoma	03/28/20	08/19/20	13.86%	3.24%	0.49%

	Current Growth	Rate Compared	d to First Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State		Last Day	First Rate	Current Rate	Rate
40051	Grady	Oklahoma	03/25/20	08/19/20	34.66%	4.14%	0.58%
40053	Grant	Oklahoma	03/24/20				0.33%
40055	Greer	Oklahoma	03/24/20				0.08%
40057	Harmon	Oklahoma	03/24/20				1.08%
40059	Harper	Oklahoma	03/24/20				0.42%
40061	Haskell	Oklahoma	03/24/20				0.62%
40063	Hughes	Oklahoma	03/24/20				1.25%
40065	Jackson	Oklahoma	03/31/20	08/19/20	8.66%	4.24%	0.67%
40067	Jefferson	Oklahoma	03/24/20				0.54%
40069	Johnston	Oklahoma	03/24/20				0.53%
40071	Kay	Oklahoma	03/25/20	08/19/20	39.42%	2.69%	0.29%
40073	Kingfisher	Oklahoma	03/24/20				0.54%
40075	Kiowa	Oklahoma	03/24/20				0.54%
40077	Latimer	Oklahoma	03/24/20				0.54%
40079	Le Flore	Oklahoma	03/24/20				0.77%
40081	Lincoln	Oklahoma	03/24/20				0.48%
40083	Logan	Oklahoma	03/24/20		109.86%)	0.55%
40085	Love	Oklahoma	03/24/20				0.57%
40087	McClain	Oklahoma	03/25/20	08/19/20	34.66%	4.18%	0.52%
40089	McCurtain	Oklahoma	03/24/20				0.88%
40091	McIntosh	Oklahoma	03/24/20				0.83%
40093	Major	Oklahoma	03/24/20				0.56%
40095	Marshall	Oklahoma	03/24/20				0.74%
40097	Mayes	Oklahoma	03/25/20	08/19/20	34.66%	3.99%	0.53%
40099	Murray	Oklahoma	03/24/20				0.71%
40101	Muskogee	Oklahoma	03/25/20	08/19/20	69.31%	4.32%	0.53%
40103	Noble	Oklahoma	03/26/20	08/19/20	13.52%	2.57%	0.42%
40105	Nowata	Oklahoma	03/24/20				0.29%
40107	Okfuskee	Oklahoma	03/24/20				0.69%
40109	Oklahoma	Oklahoma	03/24/20	08/19/20	29.38%	3.81%	0.51%
40111	Okmulgee	Oklahoma	03/24/20				0.57%
40113	Osage	Oklahoma	03/24/20				0.40%

	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
40115	Ottawa	Oklahoma	03/24/20				0.49%
40117	Pawnee	Oklahoma	03/24/20	08/19/20	55.96%	2.55%	0.30%
40119	Payne	Oklahoma	03/25/20	08/19/20	25.54%	3.79%	0.52%
40121	Pittsburg	Oklahoma	03/24/20				0.63%
40123	Pontotoc	Oklahoma	03/26/20	08/19/20	23.10%	3.60%	0.49%
40125	Pottawatomie	Oklahoma	03/24/20				0.51%
40127	Pushmataha	Oklahoma	03/24/20				0.83%
40129	Roger Mills	Oklahoma	03/24/20				1.01%
40131	Rogers	Oklahoma	03/24/20				0.59%
40133	Seminole	Oklahoma	03/24/20				0.58%
40135	Sequoyah	Oklahoma	03/24/20				0.64%
40137	Stephens	Oklahoma	03/24/20				0.44%
40139	Texas	Oklahoma	03/24/20				0.90%
40141	Tillman	Oklahoma	03/24/20				0.62%
40143	Tulsa	Oklahoma	03/24/20	08/19/20	81.09%	4.63%	0.56%
40145	Wagoner	Oklahoma	03/24/20				0.42%
40147	Washington	Oklahoma	03/24/20	08/19/20	40.55%	3.95%	0.29%
40149	Washita	Oklahoma	03/24/20				0.61%
40151	Woods	Oklahoma	03/24/20				0.50%
40153	Woodward	Oklahoma	03/24/20				0.62%
41001	Baker	Oregon	03/24/20				0.76%
41003	Benton	Oregon	03/24/20	08/19/20	40.55%	2.61%	0.33%
41005	Clackamas	Oregon	03/24/20	08/19/20	21.13%	3.11%	0.40%
41007	Clatsop	Oregon	03/25/20	08/19/20	34.66%	3.03%	0.42%
41009	Columbia	Oregon	03/24/20				0.38%
41011	Coos	Oregon	03/24/20				0.70%
41013	Crook	Oregon	03/24/20				0.61%
41015	Curry	Oregon	03/24/20				0.28%
41017	Deschutes	Oregon	03/25/20	08/19/20	20.27%	2.81%	0.38%
41019	Douglas	Oregon	03/24/20		109.86%		0.38%
41021	Gilliam	Oregon	03/24/20				0.59%
41023	Grant	Oregon	07/21/20	08/19/20	0.58%	0.93%	0.21%

	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				0.42%
41027	Hood River	Oregon	03/28/20	08/19/20	13.86%	3.62%	0.62%
41029	Jackson	Oregon	03/24/20	08/19/20	28.77%	3.60%	0.40%
41031	Jefferson	Oregon	03/24/20				0.94%
41033	Josephine	Oregon	03/24/20	08/19/20	69.31%	3.36%	0.33%
41035	Klamath	Oregon	03/26/20	08/19/20	23.10%	3.62%	0.33%
41037	Lake	Oregon	03/24/20				0.65%
41039	Lane	Oregon	03/24/20	08/19/20	22.31%	3.41%	0.44%
41041	Lincoln	Oregon	03/24/20				0.72%
41043	Linn	Oregon	03/24/20	08/19/20	17.44%	1.89%	0.30%
41045	Malheur	Oregon	03/24/20				0.84%
41047	Marion	Oregon	03/24/20	08/19/20	29.55%	3.13%	0.38%
41049	Morrow	Oregon	03/24/20				0.68%
41051	Multnomah	Oregon	03/24/20	08/19/20	27.76%	3.62%	0.42%
41053	Polk	Oregon	03/25/20	08/19/20	34.66%	3.25%	0.39%
41055	Sherman	Oregon	03/24/20				0.43%
41057	Tillamook	Oregon	03/24/20				0.34%
41059	Umatilla	Oregon	03/26/20	08/19/20	13.52%	4.79%	0.77%
41061	Union	Oregon	04/01/20	08/19/20	12.21%	4.03%	0.71%
41063	Wallowa	Oregon	03/24/20				0.46%
41065	Wasco	Oregon	03/24/20				0.46%
41067	Washington	Oregon	03/24/20	08/19/20	23.36%	2.56%	0.35%
41069	Wheeler	Oregon	03/24/20				0.00%
41071	Yamhill	Oregon	03/24/20	08/19/20	15.42%	3.03%	0.47%
42001	Adams	Pennsylvania	03/25/20	08/19/20	7.71%	3.04%	0.37%
42003	Allegheny	Pennsylvania	03/24/20	08/19/20	41.69%	3.43%	0.37%
42005	Armstrong	Pennsylvania	03/27/20	08/19/20	17.33%	3.75%	0.34%
42007	Beaver	Pennsylvania	03/24/20	08/19/20	84.73%	4.15%	0.36%
42009	Bedford	Pennsylvania	03/24/20				0.56%
42011	Berks	Pennsylvania	03/24/20	08/19/20	22.31%	3.94%	0.25%
42013	Blair	Pennsylvania	03/24/20				0.55%
42015	Bradford	Pennsylvania	03/25/20	08/19/20	34.66%	3.05%	0.25%

	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	08/19/20	22.02%	3.15%	0.28%
42019	Butler	Pennsylvania	03/24/20	08/19/20	69.31%	3.23%	0.26%
42021	Cambria	Pennsylvania	03/29/20	08/19/20	11.55%	4.04%	0.54%
42023	Cameron	Pennsylvania	03/24/20				0.32%
42025	Carbon	Pennsylvania	03/25/20	08/19/20	34.66%	4.04%	0.21%
42027	Centre	Pennsylvania	03/24/20	08/19/20	13.35%	2.73%	0.27%
42029	Chester	Pennsylvania	03/24/20	08/19/20	30.01%	3.30%	0.34%
42031	Clarion	Pennsylvania	03/24/20				0.28%
42033	Clearfield	Pennsylvania	03/24/20	08/19/20	69.31%	3.56%	0.48%
42035	Clinton	Pennsylvania	03/24/20				0.42%
42037	Columbia	Pennsylvania	03/25/20	08/19/20	54.93%	4.17%	0.23%
42039	Crawford	Pennsylvania	03/24/20				0.38%
42041	Cumberland	Pennsylvania	03/25/20	08/19/20	7.16%	3.15%	0.39%
42043	Dauphin	Pennsylvania	03/24/20	08/19/20	91.63%	4.46%	0.39%
42045	Delaware	Pennsylvania	03/24/20	08/19/20	18.43%	3.20%	0.27%
42047	Elk	Pennsylvania	03/24/20				0.52%
42049	Erie	Pennsylvania	03/26/20	08/19/20	11.22%	3.71%	0.53%
42051	Fayette	Pennsylvania	03/24/20	08/19/20	69.31%	3.88%	0.39%
42053	Forest	Pennsylvania	03/24/20				0.15%
42055	Franklin	Pennsylvania	03/24/20	08/19/20	51.08%	4.14%	0.47%
42057	Fulton	Pennsylvania	03/24/20				0.50%
42059	Greene	Pennsylvania	03/24/20				0.26%
42061	Huntingdon	Pennsylvania	03/24/20				0.54%
42063	Indiana	Pennsylvania	03/24/20				0.34%
42065	Jefferson	Pennsylvania	03/24/20				0.56%
42067	Juniata	Pennsylvania	03/29/20	08/19/20	18.31%	3.33%	0.19%
42069	Lackawanna	Pennsylvania	03/24/20	08/19/20	18.23%	3.28%	0.23%
42071	Lancaster	Pennsylvania	03/24/20	08/19/20	18.23%	4.33%	0.32%
42073	Lawrence	Pennsylvania	03/24/20				0.34%
42075	Lebanon	Pennsylvania	03/25/20	08/19/20	14.38%	4.24%	0.27%
42077	Lehigh	Pennsylvania	03/24/20	08/19/20	34.17%	3.52%	0.16%
42079	Luzerne	Pennsylvania	03/24/20	08/19/20	25.13%	3.46%	0.14%

	Current Growth	Rate Compared	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)			0.45%
42083	McKean	Pennsylvania	03/24/20)			0.43%
42085	Mercer	Pennsylvania	03/25/20	08/19/20	20.27%	3.72%	0.39%
42087	Mifflin	Pennsylvania	03/24/20)			0.37%
42089	Monroe	Pennsylvania	03/24/20	08/19/20	12.52%	2.43%	0.11%
42091	Montgomery	Pennsylvania	03/24/20	08/19/20	32.02%	2.82%	0.23%
42093	Montour	Pennsylvania	03/24/20	08/19/20	28.77%	2.47%	0.17%
42095	Northampton	Pennsylvania	03/24/20	08/19/20	28.77%	3.23%	0.19%
42097	Northumberla	arPennsylvania	03/24/20)			0.42%
42099	Perry	Pennsylvania	03/24/20)			0.35%
42101	Philadelphia	Pennsylvania	03/24/20	08/19/20	30.54%	3.27%	0.25%
42103	Pike	Pennsylvania	03/24/20	08/19/20	69.31%	3.28%	0.14%
42105	Potter	Pennsylvania	03/27/20	08/19/20	17.33%	2.07%	0.26%
42107	Schuylkill	Pennsylvania	03/24/20	08/19/20	33.65%	3.53%	0.24%
42109	Snyder	Pennsylvania	03/24/20)			0.29%
42111	Somerset	Pennsylvania	03/24/20	08/19/20	69.31%	3.34%	0.38%
42113	Sullivan	Pennsylvania	03/24/20	1			0.35%
42115	Susquehanna	a Pennsylvania	03/24/20)			0.33%
42117	Tioga	Pennsylvania	03/24/20)			0.18%
42119	Union	Pennsylvania	03/24/20)			0.43%
42121	Venango	Pennsylvania	03/24/20)			0.37%
42123	Warren	Pennsylvania	03/24/20)			0.48%
42125	Washington	Pennsylvania	03/24/20	08/19/20	10.54%	3.12%	0.40%
42127	Wayne	Pennsylvania	03/25/20	08/19/20	20.27%	2.51%	0.14%
42129	Westmorelan	dPennsylvania	03/24/20	08/19/20	37.47%	3.37%	0.31%
42131	Wyoming	Pennsylvania	03/24/20)			0.28%
42133	York	Pennsylvania	03/24/20	08/19/20	10.54%	3.44%	0.34%
44001	Bristol	Rhode Island	03/25/20	08/19/20	-69.31%	1.76%	0.33%
44003	Kent	Rhode Island	03/25/20	08/19/20	12.57%	3.64%	0.35%
44005	Newport	Rhode Island	03/25/20	08/19/20	14.38%	2.56%	0.26%
44007	Providence	Rhode Island	03/25/20	08/19/20	27.98%	3.85%	0.39%
44009	Washington	Rhode Island	03/25/20	08/19/20	22.09%	2.88%	0.24%

	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
45001	Abbeville	South Carolina	03/24/20		109.86%)	0.57%
45003	Aiken	South Carolina	03/26/20	08/19/20	36.62%	4.70%	0.58%
45005	Allendale	South Carolina	03/24/20				0.60%
45007	Anderson	South Carolina	03/24/20	08/19/20	17.19%	3.46%	0.50%
45009	Bamberg	South Carolina	03/24/20				0.65%
45011	Barnwell	South Carolina	03/24/20				0.70%
45013	Beaufort	South Carolina	03/24/20	08/19/20	16.71%	3.56%	0.48%
45015	Berkeley	South Carolina	03/24/20	08/19/20	22.31%	4.72%	0.61%
45017	Calhoun	South Carolina	03/28/20	08/19/20	13.86%	4.02%	0.67%
45019	Charleston	South Carolina	03/24/20	08/19/20	36.77%	3.96%	0.56%
45021	Cherokee	South Carolina	03/24/20				0.69%
45023	Chester	South Carolina	03/27/20	08/19/20	17.33%	4.47%	0.57%
45025	Chesterfield	South Carolina	03/24/20		109.86%)	0.56%
45027	Clarendon	South Carolina	03/26/20	08/19/20	6.08%	3.51%	0.36%
45029	Colleton	South Carolina	03/26/20	08/19/20	23.10%	4.53%	0.60%
45031	Darlington	South Carolina	03/28/20	08/19/20	4.46%	3.51%	0.55%
45033	Dillon	South Carolina	04/08/20	08/19/20	6.87%	4.39%	0.75%
45035	Dorchester	South Carolina	03/24/20	08/19/20	28.77%	4.71%	0.59%
45037	Edgefield	South Carolina	03/28/20	08/19/20	13.86%	3.97%	0.55%
45039	Fairfield	South Carolina	03/24/20	08/19/20	40.55%	3.82%	0.51%
45041	Florence	South Carolina	03/26/20	08/19/20	26.28%	4.47%	0.62%
45043	Georgetown	South Carolina	03/26/20	08/19/20	13.52%	4.48%	0.61%
45045	Greenville	South Carolina	03/24/20	08/19/20	24.85%	3.81%	0.54%
45047	Greenwood	South Carolina	03/27/20	08/19/20	10.14%	4.48%	0.69%
45049	Hampton	South Carolina	03/24/20				0.65%
45051	Horry	South Carolina	03/24/20	08/19/20	5.13%	4.13%	0.65%
45053	Jasper	South Carolina	03/26/20	08/19/20	13.52%	3.88%	0.61%
45055	Kershaw	South Carolina	03/24/20	08/19/20	8.27%	2.17%	0.32%
45057	Lancaster	South Carolina	03/24/20	08/19/20	-15.42%	3.58%	0.47%
45059	Laurens	South Carolina	03/24/20				0.71%
45061	Lee	South Carolina	03/27/20	08/19/20	22.91%	3.82%	0.47%
45063	Lexington	South Carolina	03/24/20	08/19/20	-5.41%	3.79%	0.50%

	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				0.66%
45067	Marion	South Carolina	03/24/20				0.70%
45069	Marlboro	South Carolina	03/28/20	08/19/20	13.86%	4.31%	0.58%
45071	Newberry	South Carolina	03/27/20	08/19/20	17.33%	4.57%	0.66%
45073	Oconee	South Carolina	03/26/20	08/19/20	13.52%	4.10%	0.64%
45075	Orangeburg	South Carolina	03/24/20	08/19/20	11.78%	3.90%	0.65%
45077	Pickens	South Carolina	03/24/20		179.18%		0.65%
45079	Richland	South Carolina	03/24/20	08/19/20	27.09%	3.60%	0.46%
45081	Saluda	South Carolina	04/01/20	08/19/20	7.70%	4.17%	0.68%
45083	Spartanburg	South Carolina	03/24/20	08/19/20	81.09%	4.72%	0.50%
45085	Sumter	South Carolina	03/24/20	08/19/20	22.31%	3.91%	0.45%
45087	Union	South Carolina	03/24/20				0.45%
45089	Williamsburg	South Carolina	03/24/20				0.66%
45091	York	South Carolina	03/24/20	08/19/20	49.25%	3.94%	0.52%
46003	Aurora	South Dakota	03/24/20				0.57%
46005	Beadle	South Dakota	03/25/20	08/19/20	3.71%	2.57%	0.53%
46007	Bennett	South Dakota	03/24/20				0.54%
46009	Bon Homme	South Dakota	04/05/20	08/19/20	5.33%	2.33%	0.30%
46011	Brookings	South Dakota	03/31/20	08/19/20	8.66%	3.43%	0.46%
46013	Brown	South Dakota	03/24/20	08/19/20	69.31%	4.17%	0.55%
46015	Brule	South Dakota	03/24/20				0.59%
46017	Buffalo	South Dakota	03/24/20				0.82%
46019	Butte	South Dakota	03/24/20				1.39%
46021	Campbell	South Dakota	03/24/20				0.46%
46023	Charles Mix	South Dakota	04/03/20	08/19/20	6.30%	3.18%	0.52%
46025	Clark	South Dakota	03/24/20				0.44%
46027	Clay	South Dakota	03/24/20				0.49%
46029	Codington	South Dakota	03/27/20	08/19/20	17.33%	3.53%	0.42%
46031	Corson	South Dakota	03/24/20				0.60%
46033	Custer	South Dakota	03/24/20				1.02%
46035	Davison	South Dakota	04/01/20	08/19/20	4.51%	2.65%	0.54%
46037	Day	South Dakota	03/24/20				0.54%

	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
46039	Deuel	South Dakota	03/24/20				0.50%
46041	Dewey	South Dakota	03/24/20				0.74%
46043	Douglas	South Dakota	03/24/20				0.53%
46045	Edmunds	South Dakota	03/24/20				0.73%
46047	Fall River	South Dakota	03/24/20				0.48%
46049	Faulk	South Dakota	03/24/20				0.51%
46051	Grant	South Dakota	03/24/20				0.53%
46053	Gregory	South Dakota	03/24/20				0.51%
46055	Haakon	South Dakota	03/24/20				0.49%
46057	Hamlin	South Dakota	03/24/20				0.54%
46059	Hand	South Dakota	03/24/20				0.43%
46061	Hanson	South Dakota	03/24/20				0.79%
46063	Harding	South Dakota	03/24/20				0.00%
46065	Hughes	South Dakota	03/31/20		8.66%	6 3.10%	
46067	Hutchinson	South Dakota	03/24/20				0.44%
46069	Hyde	South Dakota	03/24/20				0.21%
46071	Jackson	South Dakota	03/24/20				0.54%
46073	Jerauld	South Dakota	03/24/20				0.39%
46075	Jones	South Dakota	03/24/20				0.32%
46077	Kingsbury	South Dakota	03/24/20				0.65%
46079	Lake	South Dakota	03/24/20				0.60%
46081	Lawrence	South Dakota	03/24/20				0.34%
46083	Lincoln	South Dakota	03/24/20				0.43%
46085	Lyman	South Dakota	04/06/20			6 3.03%	
46087	McCook	South Dakota	04/14/20	08/19/20	1.84%	6 1.96%	
46089	McPherson	South Dakota	03/24/20				0.36%
46091	Marshall	South Dakota	03/24/20				0.38%
46093	Meade	South Dakota	03/24/20				0.74%
46095	Mellette	South Dakota	03/24/20				0.93%
46097	Miner	South Dakota	03/24/20				0.42%
46099	Minnehaha	South Dakota	03/24/20		95.55%	6 4.60%	
46101	Moody	South Dakota	03/24/20				0.56%

	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				0.78%
46103	Pennington	South Dakota	03/26/20	08/19/20	36.62%	6 4.62%	0.75%
46105	Perkins	South Dakota	03/24/20				0.90%
46107	Potter	South Dakota	03/24/20				0.50%
46109	Roberts	South Dakota	03/24/20				0.47%
46111	Sanborn	South Dakota	03/24/20				0.39%
46115	Spink	South Dakota	03/24/20				0.34%
46117	Stanley	South Dakota	03/24/20				0.48%
46119	Sully	South Dakota	03/24/20				0.21%
46121	Todd	South Dakota	03/24/20				0.65%
46123	Tripp	South Dakota	03/24/20				0.61%
46125	Turner	South Dakota	03/24/20				0.39%
46127	Union	South Dakota	03/24/20				0.62%
46129	Walworth	South Dakota	03/24/20				0.48%
46135	Yankton	South Dakota	03/24/20				0.32%
46137	Ziebach	South Dakota	03/24/20				0.67%
47001	Anderson	Tennessee	03/24/20		109.86%	ó	0.66%
47003	Bedford	Tennessee	03/24/20				0.61%
47005	Benton	Tennessee	03/24/20				0.60%
47007	Bledsoe	Tennessee	03/24/20				0.85%
47009	Blount	Tennessee	03/25/20	08/19/20	14.38%	6 4.23%	0.55%
47011	Bradley	Tennessee	03/24/20	08/19/20	40.55%	6 4.71%	0.66%
47013	Campbell	Tennessee	03/26/20	08/19/20	23.10%	6 3.34%	0.51%
47015	Cannon	Tennessee	03/24/20				0.49%
47017	Carroll	Tennessee	03/26/20	08/19/20	9.59%	6 3.36%	0.56%
47019	Carter	Tennessee	03/24/20				0.83%
47021	Cheatham	Tennessee	03/24/20	08/19/20	33.65%	6 3.29%	0.55%
47023	Chester	Tennessee	03/25/20	08/19/20	34.66%	6 3.84%	0.60%
47025	Claiborne	Tennessee	03/25/20	08/19/20	34.66%	6 3.89%	0.64%
47027	Clay	Tennessee	03/24/20				0.59%
47029	Cocke	Tennessee	04/06/20	08/19/20	4.95%	6 4.27%	0.81%
47031	Coffee	Tennessee	03/24/20				0.63%

	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
47033	Crockett	Tennessee	03/24/20				0.67%
47035	Cumberland	Tennessee	03/25/20	08/19/20	34.66%	3.62%	0.41%
47037	Davidson	Tennessee	03/24/20	08/19/20	1.57%	3.01%	0.43%
47039	Decatur	Tennessee	03/24/20				0.74%
47041	DeKalb	Tennessee	03/24/20				0.58%
47043	Dickson	Tennessee	03/25/20	08/19/20	16.82%	3.42%	0.51%
47045	Dyer	Tennessee	03/25/20	08/19/20	20.27%	4.02%	0.57%
47047	Fayette	Tennessee	03/24/20	08/19/20	40.55%	4.02%	0.49%
47049	Fentress	Tennessee	03/24/20				0.65%
47051	Franklin	Tennessee	03/25/20	08/19/20	34.66%	4.02%	0.45%
47053	Gibson	Tennessee	03/28/20	08/19/20	8.11%	4.11%	0.58%
47055	Giles	Tennessee	03/24/20				0.76%
47057	Grainger	Tennessee	03/24/20				0.63%
47059	Greene	Tennessee	03/24/20	08/19/20	33.65%	3.29%	0.50%
47061	Grundy	Tennessee	03/27/20	08/19/20	17.33%	3.31%	0.27%
47063	Hamblen	Tennessee	03/31/20	08/19/20	5.07%	4.46%	0.91%
47065	Hamilton	Tennessee	03/24/20		117.87%		0.66%
47067	Hancock	Tennessee	03/24/20				0.95%
47069	Hardeman	Tennessee	03/24/20				0.78%
47071	Hardin	Tennessee	03/31/20	08/19/20	8.66%	4.25%	0.86%
47073	Hawkins	Tennessee	03/24/20				0.51%
47075	Haywood	Tennessee	03/24/20				0.61%
47077	Henderson	Tennessee	03/24/20				0.91%
47079	Henry	Tennessee	03/24/20				0.63%
47081	Hickman	Tennessee	03/24/20				0.78%
47083	Houston	Tennessee	03/24/20		109.86%		0.48%
47085	Humphreys	Tennessee	03/24/20				0.55%
47087	Jackson	Tennessee	03/24/20				0.54%
47089	Jefferson	Tennessee	03/26/20	08/19/20	7.44%	3.44%	0.58%
47091	Johnson	Tennessee	03/24/20				0.80%
47093	Knox	Tennessee	03/24/20	08/19/20	28.77%	3.97%	0.54%
47095	Lake	Tennessee	03/24/20				0.82%

	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
47097	Lauderdale	Tennessee	03/24/20				0.66%
47099	Lawrence	Tennessee	03/24/20				0.62%
47101	Lewis	Tennessee	03/24/20				0.59%
47103	Lincoln	Tennessee	03/31/20		8.66%		0.59%
47105	Loudon	Tennessee	03/24/20	08/19/20	40.55%	4.04%	0.61%
47107	McMinn	Tennessee	03/25/20		20.27%	3.89%	0.78%
47109	McNairy	Tennessee	03/24/20				0.60%
47111	Macon	Tennessee	03/24/20				0.56%
47113	Madison	Tennessee	03/24/20	08/19/20	69.31%	4.90%	0.49%
47115	Marion	Tennessee	03/25/20	08/19/20	34.66%	3.78%	0.37%
47117	Marshall	Tennessee	03/24/20				0.60%
47119	Maury	Tennessee	03/24/20	08/19/20	15.42%	3.70%	0.59%
47121	Meigs	Tennessee	03/24/20				0.57%
47123	Monroe	Tennessee	03/27/20	08/19/20	10.14%	3.78%	0.65%
47125	Montgomery	Tennessee	03/26/20		13.52%	3.97%	0.48%
47127	Moore	Tennessee	03/24/20				0.70%
47129	Morgan	Tennessee	03/24/20				0.53%
47131	Obion	Tennessee	03/24/20				0.73%
47133	Overton	Tennessee	03/27/20	08/19/20	17.33%	3.86%	0.63%
47135	Perry	Tennessee	03/26/20	08/19/20	23.10%	3.04%	0.53%
47137	Pickett	Tennessee	03/24/20				0.72%
47139	Polk	Tennessee	03/24/20				0.62%
47141	Putnam	Tennessee	03/24/20	08/19/20	11.78%	3.73%	0.48%
47143	Rhea	Tennessee	03/24/20				1.03%
47145	Roane	Tennessee	03/28/20	08/19/20	13.86%	4.26%	0.73%
47147	Robertson	Tennessee	03/24/20	08/19/20	22.31%	3.32%	0.46%
47149	Rutherford	Tennessee	03/24/20	08/19/20	37.95%	4.25%	0.52%
47151	Scott	Tennessee	03/26/20	08/19/20	23.10%	3.37%	0.44%
47153	Sequatchie	Tennessee	03/24/20				0.75%
47155	Sevier	Tennessee	03/25/20	08/19/20	20.27%	4.67%	0.71%
47157	Shelby	Tennessee	03/24/20	08/19/20	23.05%	3.51%	0.47%
47159	Smith	Tennessee	03/24/20				0.60%

	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
47161	Stewart	Tennessee	03/24/20				0.48%
47163	Sullivan	Tennessee	03/25/20	08/19/20	34.66%	4.31%	0.54%
47165	Sumner	Tennessee	03/24/20	08/19/20	5.72%	3.16%	0.33%
47167	Tipton	Tennessee	03/25/20	08/19/20	14.38%	3.61%	0.50%
47169	Trousdale	Tennessee	03/24/20				0.71%
47171	Unicoi	Tennessee	03/24/20				0.81%
47173	Union	Tennessee	03/24/20				0.63%
47175	Van Buren	Tennessee	03/24/20				0.59%
47177	Warren	Tennessee	03/24/20				0.78%
47179	Washington	Tennessee	03/25/20	08/19/20	12.57%	3.61%	0.55%
47181	Wayne	Tennessee	03/24/20				0.74%
47183	Weakley	Tennessee	03/24/20				0.75%
47185	White	Tennessee	03/24/20				0.74%
47187	Williamson	Tennessee	03/24/20	08/19/20	3.08%	2.78%	0.39%
47189	Wilson	Tennessee	03/24/20	08/19/20	35.67%	3.97%	0.45%
48001	Anderson	Texas	03/24/20				1.03%
48003	Andrews	Texas	03/24/20				0.51%
48005	Angelina	Texas	03/24/20				0.73%
48007	Aransas	Texas	03/24/20				0.69%
48009	Archer	Texas	03/24/20				0.72%
48011	Armstrong	Texas	03/24/20				0.32%
48013	Atascosa	Texas	04/05/20	08/19/20	3.12%	3.73%	0.62%
48015	Austin	Texas	03/24/20				0.54%
48017	Bailey	Texas	03/24/20				0.98%
48019	Bandera	Texas	03/24/20				0.60%
48021	Bastrop	Texas	03/25/20	08/19/20	34.66%	4.91%	0.63%
48023	Baylor	Texas	03/24/20				0.39%
48025	Bee	Texas	03/24/20				1.01%
48027	Bell	Texas	03/24/20	08/19/20	5.41%	3.70%	0.58%
48029	Bexar	Texas	03/25/20	08/19/20	9.84%	4.34%	0.64%
48031	Blanco	Texas	04/03/20	08/19/20	6.30%	3.26%	0.53%
48033	Borden	Texas	03/24/20				0.00%

	Current Growth F	Rate Compared t	<mark>o First Day Growth R</mark>	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48035	Bosque	Texas	03/24/20				0.82%
48037	Bowie	Texas	03/26/20	08/19/20	23.10%	4.50%	0.49%
48039	Brazoria	Texas	03/25/20	08/19/20	16.57%	3.83%	0.56%
48041	Brazos	Texas	03/24/20	08/19/20	27.19%	3.75%	0.54%
48043	Brewster	Texas	03/24/20				0.94%
48045	Briscoe	Texas	03/24/20				0.44%
48047	Brooks	Texas	03/24/20				0.83%
48049	Brown	Texas	03/25/20	08/19/20	20.27%	3.60%	0.57%
48051	Burleson	Texas	03/24/20				0.58%
48053	Burnet	Texas	03/28/20	08/19/20	13.86%	4.29%	0.70%
48055	Caldwell	Texas	03/24/20				0.81%
48057	Calhoun	Texas	03/24/20				0.56%
48059	Callahan	Texas	03/24/20				0.61%
48061	Cameron	Texas	03/24/20	08/19/20	15.42%	5.39%	0.70%
48063	Camp	Texas	03/24/20				0.68%
48065	Carson	Texas	03/24/20				0.46%
48067	Cass	Texas	03/24/20				0.57%
48069	Castro	Texas	03/24/20	08/19/20	91.63%	3.12%	0.47%
48071	Chambers	Texas	03/25/20	08/19/20	34.66%	4.69%	0.55%
48073	Cherokee	Texas	03/24/20				0.82%
48075	Childress	Texas	03/24/20				0.65%
48077	Clay	Texas	03/24/20				0.49%
48079	Cochran	Texas	03/24/20				0.60%
48081	Coke	Texas	03/24/20				0.69%
48083	Coleman	Texas	03/24/20				0.61%
48085	Collin	Texas	03/24/20	08/19/20	16.36%	3.66%	0.48%
48087	Collingsworth	Texas	03/24/20				0.51%
48089	Colorado	Texas	03/24/20				0.61%
48091	Comal	Texas	03/24/20	08/19/20	33.65%	4.10%	0.64%
48093	Comanche	Texas	03/24/20				0.63%
48095	Concho	Texas	03/24/20				0.55%
48097	Cooke	Texas	03/24/20				0.87%

	Current Growth	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
48099	Coryell	Texas	03/24/20				0.47%
48101	Cottle	Texas	03/24/20				0.48%
48103	Crane	Texas	03/29/20	08/19/20	11.55%	2.86%	0.54%
48105	Crockett	Texas	03/24/20				1.32%
48107	Crosby	Texas	03/24/20				0.66%
48109	Culberson	Texas	03/24/20				0.98%
48111	Dallam	Texas	03/24/20				0.81%
48113	Dallas	Texas	03/24/20	08/19/20	37.95%	4.01%	0.56%
48115	Dawson	Texas	03/24/20				0.51%
48117	Deaf Smith	Texas	03/25/20	08/19/20	34.66%	4.45%	0.72%
48119	Delta	Texas	03/24/20				0.44%
48121	Denton	Texas	03/24/20	08/19/20	29.42%	3.66%	0.45%
48123	DeWitt	Texas	03/24/20	08/19/20	69.31%	4.47%	0.68%
48125	Dickens	Texas	03/24/20				0.11%
48127	Dimmit	Texas	03/24/20				0.78%
48129	Donley	Texas	03/24/20				0.12%
48131	Duval	Texas	03/24/20				0.83%
48133	Eastland	Texas	03/25/20	08/19/20	34.66%	3.09%	0.53%
48135	Ector	Texas	03/24/20				0.70%
48137	Edwards	Texas	03/24/20				0.97%
48139	Ellis	Texas	03/24/20	08/19/20	15.42%	4.26%	0.61%
48141	El Paso	Texas	03/24/20	08/19/20	47.00%	5.07%	0.65%
48143	Erath	Texas	03/28/20	08/19/20	13.86%	4.30%	0.60%
48145	Falls	Texas	04/25/20	08/19/20	2.10%	3.37%	0.77%
48147	Fannin	Texas	04/02/20	08/19/20	6.93%	3.97%	0.65%
48149	Fayette	Texas	03/30/20	08/19/20	9.90%	4.07%	0.57%
48151	Fisher	Texas	03/24/20				0.77%
48153	Floyd	Texas	03/24/20				0.69%
48155	Foard	Texas	03/24/20				0.54%
48157	Fort Bend	Texas	03/25/20	08/19/20	31.29%	3.82%	0.50%
48159	Franklin	Texas	03/24/20				0.70%
48161	Freestone	Texas	03/24/20				0.83%

	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
48163	Frio	Texas	03/24/20				0.98%
48165	Gaines	Texas	04/12/20	08/19/20	3.47%	3.61%	0.82%
48167	Galveston	Texas	03/24/20	08/19/20	20.07%	4.26%	0.52%
48169	Garza	Texas	03/24/20				0.82%
48171	Gillespie	Texas	03/24/20				0.80%
48173	Glasscock	Texas	03/24/20				0.32%
48175	Goliad	Texas	03/24/20				0.52%
48177	Gonzales	Texas	03/24/20				0.91%
48179	Gray	Texas	03/24/20				0.44%
48181	Grayson	Texas	03/28/20	08/19/20	8.11%	4.37%	0.67%
48183	Gregg	Texas	03/24/20		109.86%)	0.58%
48185	Grimes	Texas	03/30/20	08/19/20	5.79%	4.14%	0.75%
48187	Guadalupe	Texas	03/25/20	08/19/20	40.55%	4.11%	0.55%
48189	Hale	Texas	03/24/20				0.79%
48191	Hall	Texas	03/24/20				0.57%
48193	Hamilton	Texas	03/24/20				0.53%
48195	Hansford	Texas	03/24/20				0.70%
48197	Hardeman	Texas	03/24/20				0.70%
48199	Hardin	Texas	03/26/20	08/19/20	23.10%	4.28%	0.46%
48201	Harris	Texas	03/24/20	08/19/20	32.25%	4.41%	0.50%
48203	Harrison	Texas	03/24/20				0.60%
48205	Hartley	Texas	03/24/20				0.74%
48207	Haskell	Texas	03/24/20				0.82%
48209	Hays	Texas	03/24/20	08/19/20	35.67%	4.44%	0.64%
48211	Hemphill	Texas	03/24/20				0.59%
48213	Henderson	Texas	03/24/20				0.66%
48215	Hidalgo	Texas	03/24/20		125.28%)	0.73%
48217	Hill	Texas	03/24/20				0.58%
48219	Hockley	Texas	03/24/20	08/19/20	51.08%	2.92%	0.44%
48221	Hood	Texas	03/24/20				0.61%
48223	Hopkins	Texas	03/29/20	08/19/20	11.55%	3.64%	0.62%
48225	Houston	Texas	03/24/20				0.75%

	Current Growth	Rate Comp	ared to First Day Growth Ra	ate	Confirme	ed Cases	Active Case
FIPS	County	State		Last Day	First Rate	Current Rate	Rate
48227	Howard	Texas	03/24/20				0.90%
48229	Hudspeth	Texas	03/24/20				0.82%
48231	Hunt	Texas	03/29/20	08/19/20	18.31%	4.82%	0.66%
48233	Hutchinson	Texas	03/24/20				0.64%
48235	Irion	Texas	03/24/20				0.56%
48237	Jack	Texas	03/24/20				0.71%
48239	Jackson	Texas	03/24/20				0.72%
48241	Jasper	Texas	03/24/20				0.63%
48243	Jeff Davis	Texas	03/24/20				0.76%
48245	Jefferson	Texas	03/25/20	08/19/20	7.71%	4.68%	0.64%
48247	Jim Hogg	Texas	03/24/20				0.70%
48249	Jim Wells	Texas	03/24/20				0.93%
48251	Johnson	Texas	03/24/20	08/19/20	40.55%	4.74%	0.68%
48253	Jones	Texas	03/24/20				0.88%
48255	Karnes	Texas	03/24/20				0.90%
48257	Kaufman	Texas	03/24/20				0.71%
48259	Kendall	Texas	03/25/20	08/19/20	54.93%	3.50%	0.43%
48261	Kenedy	Texas	03/24/20				0.75%
48263	Kent	Texas	03/24/20				0.75%
48265	Kerr	Texas	03/24/20				0.82%
48267	Kimble	Texas	03/24/20				0.52%
48269	King	Texas	03/24/20				0.00%
48271	Kinney	Texas	03/24/20				0.74%
48273	Kleberg	Texas	03/24/20				0.85%
48275	Knox	Texas	03/24/20				0.62%
48277	Lamar	Texas	03/28/20	08/19/20	21.97%	4.46%	0.69%
48279	Lamb	Texas	03/24/20				0.84%
48281	Lampasas	Texas	03/24/20				0.64%
48283	La Salle	Texas	03/24/20				0.94%
48285	Lavaca	Texas	03/27/20	08/19/20	27.47%	4.35%	0.78%
48287	Lee	Texas	03/24/20				0.69%
48289	Leon	Texas	03/24/20				0.61%

	Current Growth F	Rate Compared to Fir	st Day Growth R	ate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
48291	Liberty	Texas	03/26/20	08/19/20	23.10%	4.76%	0.63%
48293	Limestone	Texas	03/24/20				0.53%
48295	Lipscomb	Texas	03/24/20				0.42%
48297	Live Oak	Texas	03/24/20				0.67%
48299	Llano	Texas	03/25/20	08/19/20	34.66%	3.06%	0.53%
48301	Loving	Texas	03/24/20				0.00%
48303	Lubbock	Texas	03/24/20	08/19/20	8.00%	4.25%	0.50%
48305	Lynn	Texas	03/24/20				0.41%
48307	McCulloch	Texas	03/24/20				0.48%
48309	McLennan	Texas	03/25/20	08/19/20	7.71%	3.65%	0.67%
48311	McMullen	Texas	03/24/20				1.24%
48313	Madison	Texas	03/24/20				1.00%
48315	Marion	Texas	03/24/20				0.59%
48317	Martin	Texas	03/24/20				0.53%
48319	Mason	Texas	03/24/20				0.64%
48321	Matagorda	Texas	03/24/20	08/19/20	40.55%	3.60%	0.44%
48323	Maverick	Texas	04/01/20	08/19/20	12.21%	5.28%	0.87%
48325	Medina	Texas	03/26/20	08/19/20	36.62%	4.68%	0.68%
48327	Menard	Texas	03/24/20				1.00%
48329	Midland	Texas	03/24/20	08/19/20	28.77%	4.64%	0.70%
48331	Milam	Texas	04/04/20	08/19/20	3.38%	3.55%	0.62%
48333	Mills	Texas	03/24/20				0.66%
48335	Mitchell	Texas	03/24/20				0.65%
48337	Montague	Texas	03/24/20				0.58%
48339	Montgomery	Texas	03/24/20	08/19/20	29.85%	3.91%	0.52%
48341	Moore	Texas	03/24/20				0.60%
48343	Morris	Texas	03/24/20				0.58%
48345	Motley	Texas	03/24/20				0.28%
48347	Nacogdoches	Texas	03/24/20				0.51%
48349	Navarro	Texas	03/24/20				0.71%
48351	Newton	Texas	03/24/20				0.63%
48353	Nolan	Texas	03/24/20				0.84%

	Current Growth I	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
48355	Nueces	Texas	03/24/20	08/19/20	51.08%	5.36%	0.83%
48357	Ochiltree	Texas	03/24/20				0.78%
48359	Oldham	Texas	03/26/20	08/19/20	23.10%	1.77%	0.30%
48361	Orange	Texas	03/29/20	08/19/20	26.82%	4.97%	0.55%
48363	Palo Pinto	Texas	03/24/20				0.74%
48365	Panola	Texas	03/24/20				0.49%
48367	Parker	Texas	03/25/20	08/19/20	34.66%	4.92%	0.73%
48369	Parmer	Texas	03/24/20				0.96%
48371	Pecos	Texas	03/24/20				0.69%
48373	Polk	Texas	03/24/20				0.68%
48375	Potter	Texas	03/28/20	08/19/20	10.22%	4.81%	0.62%
48377	Presidio	Texas	03/24/20				0.88%
48379	Rains	Texas	03/24/20				0.61%
48381	Randall	Texas	03/26/20	08/19/20	13.52%	4.63%	0.53%
48383	Reagan	Texas	03/24/20				0.97%
48385	Real	Texas	03/24/20				1.18%
48387	Red River	Texas	03/24/20				0.77%
48389	Reeves	Texas	03/24/20				0.67%
48391	Refugio	Texas	03/24/20				1.01%
48393	Roberts	Texas	03/24/20				0.28%
48395	Robertson	Texas	03/27/20	08/19/20	17.33%	3.68%	0.74%
48397	Rockwall	Texas	03/24/20				0.63%
48399	Runnels	Texas	03/24/20				0.89%
48401	Rusk	Texas	03/24/20	08/19/20	69.31%	4.07%	0.50%
48403	Sabine	Texas	03/24/20				0.66%
48405	San Augustin	eTexas	03/24/20				0.47%
48407	San Jacinto	Texas	03/24/20				0.55%
48409	San Patricio	Texas	03/24/20				0.78%
48411	San Saba	Texas	03/24/20				0.72%
48413	Schleicher	Texas	03/24/20				1.05%
48415	Scurry	Texas	03/24/20				0.86%
48417	Shackelford	Texas	03/24/20				0.57%

	Current Growth	Rate Comp	oared 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)			0.38%
48421	Sherman	Texas	03/24/20)			0.33%
48423	Smith	Texas	03/24/20	08/19/20	13.35%	3.59%	0.53%
48425	Somervell	Texas	03/24/20)			1.29%
48427	Starr	Texas	03/24/20)			0.90%
48429	Stephens	Texas	03/24/20)			0.75%
48431	Sterling	Texas	03/24/20)			0.00%
48433	Stonewall	Texas	03/24/20)			0.34%
48435	Sutton	Texas	03/24/20)			1.37%
48437	Swisher	Texas	03/24/20)			0.46%
48439	Tarrant	Texas	03/24/20	08/19/20	23.71%	4.20%	0.59%
48441	Taylor	Texas	03/24/20)			0.46%
48443	Terrell	Texas	03/24/20)			0.38%
48445	Terry	Texas	03/24/20)	109.86%)	0.50%
48447	Throckmorto	n Texas	03/24/20)			0.18%
48449	Titus	Texas	03/24/20)			0.84%
48451	Tom Green	Texas	03/24/20)	109.86%)	0.69%
48453	Travis	Texas	03/24/20	08/19/20	13.06%	3.82%	0.54%
48455	Trinity	Texas	03/24/20)			0.61%
48457	Tyler	Texas	03/24/20)			0.56%
48459	Upshur	Texas	03/24/20)			0.55%
48461	Upton	Texas	03/24/20)			0.82%
48463	Uvalde	Texas	03/24/20)			0.71%
48465	Val Verde	Texas	03/24/20)			0.78%
48467	Van Zandt	Texas	03/29/20	08/19/20	11.55%	4.14%	0.61%
48469	Victoria	Texas	03/29/20	08/19/20	11.55%	4.77%	0.59%
48471	Walker	Texas	03/25/20	08/19/20	54.93%	5.42%	0.80%
48473	Waller	Texas	03/25/20	08/19/20		4.27%	0.55%
48475	Ward	Texas	03/24/20)			1.04%
48477	Washington	Texas	03/24/20)			0.41%
48479	Webb	Texas	03/24/20	08/19/20	81.09%	5.25%	0.61%
48481	Wharton	Texas	03/24/20)	109.86%)	0.56%

	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
48483	Wheeler	Texas	03/24/20				0.61%
48485	Wichita	Texas	03/24/20	08/19/20	47.00%	3.67%	0.46%
48487	Wilbarger	Texas	03/24/20				0.70%
48489	Willacy	Texas	03/24/20				0.81%
48491	Williamson	Texas	03/24/20	08/19/20	45.20%	4.23%	0.65%
48493	Wilson	Texas	03/24/20				0.58%
48495	Winkler	Texas	03/24/20				0.69%
48497	Wise	Texas	03/24/20				0.73%
48499	Wood	Texas	03/24/20				0.66%
48501	Yoakum	Texas	03/24/20				0.79%
48503	Young	Texas	03/24/20				0.64%
48505	Zapata	Texas	03/24/20				0.67%
48507	Zavala	Texas	03/24/20				0.88%
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	08/19/20	12.14%	3.17%	0.44%
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	08/19/20	19.70%	3.48%	0.46%
49037	San Juan	Utah	03/24/20				0.67%

	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
49039	Sanpete	Utah	03/24/20				0.00%
49041	Sevier	Utah	03/24/20				0.00%
49043	Summit	Utah	03/24/20	08/19/20	8.19%	1.52%	0.14%
49045	Tooele	Utah	03/24/20	08/19/20	40.55%	3.87%	0.46%
49047	Uintah	Utah	03/24/20				0.00%
49049	Utah	Utah	03/24/20	08/19/20	32.54%	4.45%	0.53%
49051	Wasatch	Utah	03/25/20	08/19/20	14.38%	2.48%	0.27%
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	08/19/20	11.78%	1.51%	0.05%
50003	Bennington	Vermont	03/24/20	08/19/20	20.07%	1.56%	0.17%
50005	Caledonia	Vermont	03/26/20	08/19/20	23.10%	2.28%	0.20%
50007	Chittenden	Vermont	03/24/20	08/19/20	31.85%	1.98%	0.11%
50009	Essex	Vermont	03/24/20				0.28%
50011	Franklin	Vermont	03/24/20	08/19/20	40.55%	2.76%	0.06%
50013	Grand Isle	Vermont	03/24/20				0.23%
50015	Lamoille	Vermont	03/24/20	08/19/20	69.31%	2.09%	0.13%
50017	Orange	Vermont	03/30/20	08/19/20	4.11%	1.24%	0.20%
50019	Orleans	Vermont	03/24/20	08/19/20	40.55%	1.35%	0.10%
50021	Rutland	Vermont	03/27/20	08/19/20	4.56%	2.02%	0.16%
50023	Washington	Vermont	03/24/20	08/19/20	51.08%		0.11%
50025	Windham	Vermont	03/24/20	08/19/20	33.65%		0.11%
50027	Windsor	Vermont	03/24/20	08/19/20	12.52%	1.08%	0.18%
51001	Accomack	Virginia	03/24/20	08/19/20	69.31%	4.72%	0.66%
51003	Albemarle	Virginia	03/24/20	08/19/20	69.31%	4.12%	0.46%
51005	Alleghany	Virginia	03/24/20				0.40%
51007	Amelia	Virginia	03/24/20				0.34%
51009	Amherst	Virginia	03/27/20	08/19/20	17.33%	3.67%	0.48%
51011	Appomattox	Virginia	03/24/20				0.43%
51013	Arlington	Virginia	03/24/20	08/19/20	24.51%	3.03%	0.33%
51015	Augusta	Virginia	03/24/20				0.45%

	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				0.64%
51019	Bedford	Virginia	03/24/20		109.86%	Ď	0.52%
51021	Bland	Virginia	03/24/20				1.17%
51023	Botetourt	Virginia	03/28/20	08/19/20	13.86%	3.62%	0.34%
51025	Brunswick	Virginia	03/24/20				0.68%
51027	Buchanan	Virginia	03/24/20				0.58%
51029	Buckingham	Virginia	03/24/20				0.58%
51031	Campbell	Virginia	03/24/20				0.52%
51033	Caroline	Virginia	03/24/20				0.56%
51035	Carroll	Virginia	03/24/20				0.73%
51036	Charles City	Virginia	03/31/20	08/19/20	8.66%	2.73%	0.27%
51037	Charlotte	Virginia	03/24/20				0.41%
51041	Chesterfield	Virginia	03/24/20	08/19/20	9.53%	4.14%	0.48%
51043	Clarke	Virginia	03/24/20				0.50%
51045	Craig	Virginia	03/24/20				0.35%
51047	Culpeper	Virginia	03/29/20	08/19/20	6.76%	4.21%	0.62%
51049	Cumberland	Virginia	03/24/20				0.36%
51051	Dickenson	Virginia	03/24/20				1.22%
51053	Dinwiddie	Virginia	03/24/20				0.57%
51057	Essex	Virginia	03/24/20				0.63%
51059	Fairfax	Virginia	03/24/20	08/19/20	50.21%	3.98%	0.43%
51061	Fauquier	Virginia	03/24/20				0.50%
51063	Floyd	Virginia	03/24/20				0.73%
51065	Fluvanna	Virginia	03/25/20	08/19/20	54.93%	3.57%	0.34%
51067	Franklin	Virginia	03/28/20	08/19/20	32.19%	3.54%	0.40%
51069	Frederick	Virginia	03/24/20				0.37%
51071	Giles	Virginia	03/24/20				0.37%
51073	Gloucester	Virginia	03/26/20	08/19/20	13.52%	3.02%	0.34%
51075	Goochland	Virginia	03/27/20	08/19/20	12.77%	2.73%	0.26%
51077	Grayson	Virginia	03/24/20				0.89%
51079	Greene	Virginia	03/24/20				0.59%
51081	Greensville	Virginia	03/24/20				0.66%

	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	08/19/20	5.78%	3.47%	0.49%
51085	Hanover	Virginia	03/24/20	08/19/20	69.31%	4.42%	0.45%
51087	Henrico	Virginia	03/24/20	08/19/20	35.67%	3.83%	0.38%
51089	Henry	Virginia	03/24/20				0.68%
51091	Highland	Virginia	03/24/20				0.30%
51093	Isle of Wight	Virginia	03/27/20	08/19/20	10.14%	3.64%	0.41%
51095	James City	Virginia	03/24/20	08/19/20	10.27%	1.94%	0.25%
51097	King and Que	Virginia	03/24/20				0.47%
51099	King George	Virginia	03/24/20				0.38%
51101	King William	Virginia	03/24/20				0.61%
51103	Lancaster	Virginia	03/24/20				0.60%
51105	Lee	Virginia	04/07/20	08/19/20	2.70%	2.91%	0.50%
51107	Loudoun	Virginia	03/24/20	08/19/20	10.54%	3.85%	0.44%
51109	Louisa	Virginia	03/24/20	08/19/20	40.55%	3.16%	0.33%
51111	Lunenburg	Virginia	03/24/20				0.48%
51113	Madison	Virginia	03/26/20	08/19/20	23.10%	2.92%	0.39%
51115	Mathews	Virginia	03/24/20				0.38%
51117	Mecklenburg	Virginia	03/24/20	08/19/20	40.55%	3.66%	0.32%
51119	Middlesex	Virginia	03/24/20				0.44%
51121	Montgomery	Virginia	03/24/20				0.36%
51125	Nelson	Virginia	03/27/20	08/19/20	17.33%	2.91%	0.42%
51127	New Kent	Virginia	03/24/20				0.37%
51131	Northampton		03/24/20				0.65%
51133	Northumberla	rVirginia	03/24/20				0.46%
51135	Nottoway	Virginia	03/24/20				0.54%
51137	Orange	Virginia	03/30/20	08/19/20	9.90%	3.69%	0.45%
51139	Page	Virginia	03/24/20				0.62%
51141	Patrick	Virginia	03/24/20				0.86%
51143	Pittsylvania	Virginia	03/24/20				0.77%
51145	Powhatan	Virginia	03/24/20				0.54%
51147	Prince Edwar	Virginia	03/24/20	08/19/20	69.31%	4.10%	0.60%
51149	Prince George	Virginia	03/24/20				0.45%

	Current Growth F	ate Compar	ed to First Day Growth F	Rate	Confirme	ed Cases	Active Case
FIPS	County	State	First Day	Last Day	First Rate	Current Rate	Rate
51153	Prince William		03/24/20		33.02%	4.08%	0.50%
51155	Pulaski	Virginia	03/24/20				0.48%
51157	Rappahannoc		03/24/20				0.58%
51159	Richmond	Virginia	03/24/20				0.64%
51161	Roanoke	Virginia	03/24/20)			0.56%
51163	Rockbridge	Virginia	03/24/20	08/19/20	69.31%	2.94%	0.50%
51165	Rockingham	Virginia	03/26/20	08/19/20	9.59%	3.89%	0.48%
51167	Russell	Virginia	03/24/20)			0.78%
51169	Scott	Virginia	03/24/20)			0.57%
51171	Shenandoah	Virginia	03/24/20)			0.57%
51173	Smyth	Virginia	03/24/20)			0.46%
51175	Southampton	Virginia	03/24/20)			0.63%
51177	Spotsylvania	Virginia	03/24/20	08/19/20	40.55%	4.51%	0.53%
51179	Stafford	Virginia	03/25/20	08/19/20	30.31%	3.73%	0.47%
51181	Surry	Virginia	03/24/20)			0.43%
51183	Sussex	Virginia	03/24/20)			0.56%
51185	Tazewell	Virginia	03/24/20)			0.55%
51187	Warren	Virginia	03/24/20)			0.49%
51191	Washington	Virginia	03/24/20)			0.38%
51193	Westmoreland	Virginia	03/24/20)			0.51%
51195	Wise	Virginia	03/24/20)			0.53%
51197	Wythe	Virginia	03/24/20)			0.45%
51199	York	Virginia	03/24/20	08/19/20	28.77%	2.84%	0.41%
51510	Alexandria	Virginia	03/24/20	08/19/20	11.78%	4.02%	0.42%
51520	Bristol	Virginia	03/24/20)			0.71%
51530	Buena Vista	Virginia	03/24/20)			0.43%
51540	Charlottesville	Virginia	03/24/20	08/19/20	18.23%	3.18%	0.45%
51550	Chesapeake	Virginia	03/24/20)	109.86%		0.51%
51570	Colonial Heigh	Virginia	03/24/20)			0.53%
51580	Covington	Virginia	03/24/20)			0.42%
51590	Danville	Virginia	03/24/20	08/19/20	69.31%	4.18%	0.49%
51595	Emporia	Virginia	03/24/20)			0.51%

	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
51600	Fairfax City	Virginia	03/24/20				0.70%
51610	Falls Church	Virginia	03/24/20				0.52%
51620	Franklin City	Virginia	03/24/20				0.55%
51630	Fredericksbur	Virginia	03/24/20				0.55%
51640	Galax	Virginia	03/24/20				0.91%
51650	Hampton	Virginia	03/24/20				0.47%
51660	Harrisonburg	Virginia	03/24/20	08/19/20	69.31%	4.71%	0.40%
51670	Hopewell	Virginia	03/24/20				0.47%
51678	Lexington	Virginia	03/24/20				0.39%
51680	Lynchburg	Virginia	03/24/20				0.49%
51683	Manassas	Virginia	03/24/20				0.53%
51685	Manassas Pa	rVirginia	03/24/20				0.61%
51690	Martinsville	Virginia	03/24/20				0.85%
51700	Newport New	eVirginia	03/24/20	08/19/20	28.77%	4.38%	0.50%
51710	Norfolk	Virginia	03/25/20	08/19/20	5.89%	4.19%	0.58%
51720	Norton	Virginia	03/24/20				0.50%
51730	Petersburg	Virginia	03/24/20				0.53%
51735	Poquoson	Virginia	03/24/20				0.32%
51740	Portsmouth	Virginia	03/24/20				0.56%
51750	Radford	Virginia	03/24/20				0.66%
51760	Richmond City	yVirginia	03/24/20	08/19/20	16.71%	3.86%	0.48%
51770	Roanoke City	Virginia	03/24/20				0.61%
51775	Salem	Virginia	03/24/20				0.79%
51790	Staunton	Virginia	03/24/20				0.78%
51800	Suffolk	Virginia	03/29/20	08/19/20	18.31%	4.90%	0.52%
51810	Virginia Beacl	nVirginia	03/24/20	08/19/20	30.23%	3.89%	0.48%
51820	Waynesboro	Virginia	03/24/20				0.56%
51830	Williamsburg	Virginia	03/27/20	08/19/20	4.56%	2.24%	0.33%
51840	Winchester	Virginia	03/24/20				0.48%
53001	Adams	Washington	03/25/20	08/19/20	54.93%	4.20%	0.40%
53003	Asotin	Washington	03/24/20				0.32%
53005	Benton	Washington	03/24/20	08/19/20	28.77%	4.08%	0.44%

	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
53007	Chelan	Washington	03/24/20	08/19/20	51.08%	3.74%	0.53%
53009	Clallam	Washington	03/25/20	08/19/20	11.16%	2.53%	0.41%
53011	Clark	Washington	03/24/20	08/19/20	20.76%	3.38%	0.34%
53013	Columbia	Washington	06/18/20	08/19/20	0.80%	1.72%	0.38%
53015	Cowlitz	Washington	03/25/20	08/19/20	42.36%	3.45%	0.48%
53017	Douglas	Washington	03/24/20	08/19/20	69.31%	4.69%	0.64%
53019	Ferry	Washington	03/24/20				0.48%
53021	Franklin	Washington	03/24/20	08/19/20	33.65%	4.45%	0.55%
53023	Garfield	Washington	03/24/20				0.71%
53025	Grant	Washington	03/24/20	08/19/20	16.03%	2.97%	0.43%
53027	Grays Harbor	Washington	03/30/20	08/19/20	9.90%	3.43%	0.40%
53029	Island	Washington	03/24/20	08/19/20	41.87%	1.57%	0.08%
53031	Jefferson	Washington	03/24/20	08/19/20	11.78%	1.39%	0.12%
53033	King	Washington	03/24/20	08/19/20	14.97%	1.85%	0.22%
53035	Kitsap	Washington	03/24/20	08/19/20	10.54%	2.60%	0.29%
53037	Kittitas	Washington	03/24/20		128.09%)	0.55%
53039	Klickitat	Washington	03/24/20	08/19/20	40.55%	2.47%	0.38%
53041	Lewis	Washington	03/25/20	08/19/20	45.81%	3.33%	0.45%
53043	Lincoln	Washington	04/10/20	08/19/20	3.85%	2.30%	0.42%
53045	Mason	Washington	03/24/20	08/19/20	69.31%	3.76%	0.41%
53047	Okanogan	Washington	03/24/20				0.63%
53049	Pacific	Washington	03/24/20				0.62%
53051	Pend Oreille	Washington	03/24/20				0.60%
53053	Pierce	Washington	03/24/20	08/19/20	11.62%	2.57%	0.29%
53055	San Juan	Washington	03/25/20	08/19/20	34.66%	2.26%	0.12%
53057	Skagit	Washington	03/24/20	08/19/20	6.45%	2.05%	0.25%
53059	Skamania	Washington	03/24/20				0.45%
53061	Snohomish	Washington	03/24/20	08/19/20	3.21%	1.51%	0.18%
53063	Spokane	Washington	03/24/20	08/19/20	12.92%	3.44%	0.45%
53065	Stevens	Washington	03/25/20	08/19/20	34.66%	3.21%	0.44%
53067	Thurston	Washington	03/24/20	08/19/20	24.12%	2.91%	0.35%
53069	Wahkiakum	Washington	03/24/20				0.11%

	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	08/19/20	69.31%	4.38%	0.53%
53073	Whatcom	Washington	03/24/20	08/19/20	28.77%	2.06%	0.22%
53075	Whitman	Washington	03/25/20	08/19/20	20.27%	2.79%	0.36%
53077	Yakima	Washington	03/24/20	08/19/20	63.13%	4.07%	0.46%
54001	Barbour	West Virginia	03/24/20				0.32%
54003	Berkeley	West Virginia	03/24/20				0.32%
54005	Boone	West Virginia	03/24/20				0.74%
54007	Braxton	West Virginia	03/24/20				0.35%
54009	Brooke	West Virginia	03/24/20				0.50%
54011	Cabell	West Virginia	03/24/20				0.47%
54013	Calhoun	West Virginia	03/24/20				0.41%
54015	Clay	West Virginia	03/24/20				0.41%
54017	Doddridge	West Virginia	03/24/20				0.88%
54019	Fayette	West Virginia	03/24/20				0.68%
54021	Gilmer	West Virginia	03/24/20				0.38%
54023	Grant	West Virginia	03/24/20				0.75%
54025	Greenbrier	West Virginia	03/24/20				0.51%
54027	Hampshire	West Virginia	03/24/20				0.48%
54029	Hancock	West Virginia	03/24/20				0.43%
54031	Hardy	West Virginia	03/24/20				0.53%
54033	Harrison	West Virginia	03/24/20	08/19/20	40.55%	3.24%	0.34%
54035	Jackson	West Virginia	03/24/20	08/19/20	69.31%	3.48%	0.30%
54037	Jefferson	West Virginia	03/26/20	08/19/20	9.59%	3.12%	0.28%
54039	Kanawha	West Virginia	03/25/20	08/19/20	11.16%	3.81%	0.40%
54041	Lewis	West Virginia	03/24/20				0.39%
54043	Lincoln	West Virginia	03/24/20				0.74%
54045	Logan	West Virginia	03/24/20				0.59%
54047	McDowell	West Virginia	03/24/20				0.40%
54049	Marion	West Virginia	03/24/20				0.29%
54051	Marshall	West Virginia	03/26/20	08/19/20	13.52%	2.82%	0.47%
54053	Mason	West Virginia	03/24/20				0.35%
54055	Mercer	West Virginia	04/01/20	08/19/20	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				0.53%
54059	Mingo	West Virginia	03/24/20				0.82%
54061	Monongalia	West Virginia	03/24/20		116.329	6	0.39%
54063	Monroe	West Virginia	03/24/20				0.48%
54065	Morgan	West Virginia	03/24/20				0.26%
54067	Nicholas	West Virginia	03/24/20				0.46%
54069	Ohio	West Virginia	03/24/20				0.40%
54071	Pendleton	West Virginia	03/24/20				0.59%
54073	Pleasants	West Virginia	03/24/20				0.38%
54075	Pocahontas	West Virginia	03/24/20				0.65%
54077	Preston	West Virginia	03/24/20				0.47%
54079	Putnam	West Virginia	03/25/20	08/19/20	34.66%	6 3.67%	0.47%
54081	Raleigh	West Virginia	03/24/20				0.63%
54083	Randolph	West Virginia	03/24/20				0.62%
54085	Ritchie	West Virginia	03/24/20				0.20%
54087	Roane	West Virginia	03/24/20				0.35%
54089	Summers	West Virginia	03/24/20				0.45%
54091	Taylor	West Virginia	03/24/20				0.51%
54093	Tucker	West Virginia	04/01/20	08/19/20	4.51%	6 1.14%	0.16%
54095	Tyler	West Virginia	03/24/20				0.25%
54097	Upshur	West Virginia	03/24/20				0.40%
54099	Wayne	West Virginia	03/24/20				0.39%
54101	Webster	West Virginia	03/24/20				0.69%
54103	Wetzel	West Virginia	03/24/20				0.42%
54105	Wirt	West Virginia	03/24/20				0.19%
54107	Wood	West Virginia	03/24/20				0.42%
54109	Wyoming	West Virginia	03/24/20				0.59%
55001	Adams	Wisconsin	03/24/20				0.59%
55003	Ashland	Wisconsin	03/24/20				0.41%
55005	Barron	Wisconsin	03/24/20				0.62%
55007	Bayfield	Wisconsin	03/26/20	08/19/20	23.10%	6 2.48%	0.39%
55009	Brown	Wisconsin	03/25/20	08/19/20	14.38%	6 4.93%	0.65%

	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				0.49%
55013	Burnett	Wisconsin	03/24/20				0.71%
55015	Calumet	Wisconsin	03/31/20	08/19/20	8.66%	4.05%	0.71%
55017	Chippewa	Wisconsin	03/26/20	08/19/20	36.62%	3.80%	0.41%
55019	Clark	Wisconsin	03/24/20				0.49%
55021	Columbia	Wisconsin	03/26/20	08/19/20	6.08%	2.76%	0.39%
55023	Crawford	Wisconsin	03/24/20				0.53%
55025	Dane	Wisconsin	03/24/20	08/19/20	20.07%	2.84%	0.42%
55027	Dodge	Wisconsin	03/24/20	08/19/20	40.55%	4.16%	0.60%
55029	Door	Wisconsin	03/24/20				0.40%
55031	Douglas	Wisconsin	03/26/20	08/19/20	7.44%	2.73%	0.54%
55033	Dunn	Wisconsin	03/26/20	08/19/20	23.10%	3.36%	0.43%
55035	Eau Claire	Wisconsin	03/24/20	08/19/20	22.31%	3.45%	0.53%
55037	Florence	Wisconsin	03/24/20				0.33%
55039	Fond du Lac	Wisconsin	03/25/20	08/19/20	-2.86%	2.58%	0.42%
55041	Forest	Wisconsin	03/24/20				0.77%
55043	Grant	Wisconsin	03/24/20				0.67%
55045	Green	Wisconsin	03/26/20	08/19/20	36.62%	3.65%	0.49%
55047	Green Lake	Wisconsin	03/24/20				0.65%
55049	Iowa	Wisconsin	03/24/20		109.86%		0.47%
55051	Iron	Wisconsin	03/24/20				0.69%
55053	Jackson	Wisconsin	03/24/20				0.29%
55055	Jefferson	Wisconsin	03/24/20	08/19/20	22.31%	3.53%	0.53%
55057	Juneau	Wisconsin	03/24/20				0.50%
55059	Kenosha	Wisconsin	03/24/20	08/19/20	7.41%	3.62%	0.43%
55061	Kewaunee	Wisconsin	03/24/20				0.60%
55063	La Crosse	Wisconsin	03/24/20	08/19/20	69.31%	3.56%	0.57%
55065	Lafayette	Wisconsin	03/24/20				0.63%
55067	Langlade	Wisconsin	03/24/20				0.94%
55069	Lincoln	Wisconsin	03/24/20				0.77%
55071	Manitowoc	Wisconsin	03/24/20				0.76%
55073	Marathon	Wisconsin	03/29/20	08/19/20	11.55%	4.41%	0.63%

	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				0.79%
55077	Marquette	Wisconsin	03/24/20				0.57%
55078	Menominee	Wisconsin	03/24/20				0.50%
55079	Milwaukee	Wisconsin	03/24/20	08/19/20	29.08%	3.05%	0.40%
55081	Monroe	Wisconsin	03/24/20				0.53%
55083	Oconto	Wisconsin	03/24/20				0.72%
55085	Oneida	Wisconsin	03/24/20				0.53%
55087	Outagamie	Wisconsin	03/24/20	08/19/20	69.31%		0.61%
55089	Ozaukee	Wisconsin	03/24/20	08/19/20	22.31%	2.65%	0.39%
55091	Pepin	Wisconsin	03/24/20				0.78%
55093	Pierce	Wisconsin	03/26/20	08/19/20	9.59%	2.98%	0.55%
55095	Polk	Wisconsin	03/24/20				0.60%
55097	Portage	Wisconsin	03/24/20				0.74%
55099	Price	Wisconsin	03/24/20				0.54%
55101	Racine	Wisconsin	03/24/20	08/19/20	33.65%	4.45%	0.53%
55103	Richland	Wisconsin	03/24/20				0.29%
55105	Rock	Wisconsin	03/24/20	08/19/20	28.77%	4.18%	0.52%
55107	Rusk	Wisconsin	03/24/20				0.30%
55109	St. Croix	Wisconsin	03/30/20	08/19/20	3.19%	3.31%	0.63%
55111	Sauk	Wisconsin	03/24/20	08/19/20	40.55%	3.30%	0.48%
55113	Sawyer	Wisconsin	03/24/20				0.74%
55115	Shawano	Wisconsin	03/24/20				0.58%
55117	Sheboygan	Wisconsin	03/24/20	08/19/20	15.42%	3.37%	0.51%
55119	Taylor	Wisconsin	03/24/20				0.95%
55121	Trempealeau	Wisconsin	03/24/20				0.92%
55123	Vernon	Wisconsin	03/24/20				0.74%
55125	Vilas	Wisconsin	03/24/20				0.47%
55127	Walworth	Wisconsin	03/24/20	08/19/20	22.31%	4.00%	0.57%
55129	Washburn	Wisconsin	03/24/20				0.62%
55131	Washington	Wisconsin	03/24/20	08/19/20	21.13%	2.94%	0.45%
55133	Waukesha	Wisconsin	03/24/20	08/19/20	30.37%	3.42%	0.49%
55135	Waupaca	Wisconsin	03/24/20				0.80%

	Current Growth	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
55137	Waushara	Wisconsin	03/24/20)			0.64%
55139	Winnebago	Wisconsin	03/25/20	08/19/20	9.12%	3.74%	0.60%
55141	Wood	Wisconsin	03/26/20	08/19/20	23.10%	4.02%	0.81%
56001	Albany	Wyoming	03/24/20)			0.47%
56003	Big Horn	Wyoming	03/24/20)			0.56%
56005	Campbell	Wyoming	03/30/20	08/19/20	9.90%	3.38%	0.40%
56007	Carbon	Wyoming	03/24/20	08/19/20	40.55%	3.02%	0.59%
56009	Converse	Wyoming	03/24/20	1			0.22%
56011	Crook	Wyoming	03/24/20	1			0.23%
56013	Fremont	Wyoming	03/24/20	08/19/20	26.24%	2.70%	0.40%
56015	Goshen	Wyoming	03/24/20	1			0.40%
56017	Hot Springs	Wyoming	03/24/20	1			0.48%
56019	Johnson	Wyoming	03/24/20	1			0.13%
56021	Laramie	Wyoming	03/24/20	08/19/20	45.20%	2.91%	0.34%
56023	Lincoln	Wyoming	03/24/20)			0.47%
56025	Natrona	Wyoming	03/24/20	08/19/20	69.31%	3.26%	0.31%
56027	Niobrara	Wyoming	03/24/20)			0.11%
56029	Park	Wyoming	05/19/20	08/19/20	1.22%	3.38%	0.77%
56031	Platte	Wyoming	03/24/20)			0.43%
56033	Sheridan	Wyoming	03/26/20	08/19/20	7.44%	2.21%	0.33%
56035	Sublette	Wyoming	03/24/20	1			0.57%
56037	Sweetwater	Wyoming	03/24/20)			0.57%
56039	Teton	Wyoming	03/24/20	08/19/20	91.63%	3.55%	0.30%
56041	Uinta	Wyoming	03/24/20				0.66%
56043	Washakie	Wyoming	03/24/20				0.47%
56045	Weston	Wyoming	03/24/20				#N/A