USCOVID19Analysis

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3/27/2020

**U.S. COVID-19 Analysis from Aggregated New York Times Data**

This is just a sandbox for me to evaluate the COVID-19 data that has been aggregated by the New York Times, which is available at the following GitHub location https://github.com/nytimes/covid-19-data.

Per the license agreement for the data I would like to provide the link to the U.S. tracking page for the New York Times as https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html

Results generated from data available as of 2020-04-10.

Daily U.S. Cases

Data provided by the N.Y. Times [https://github.com/nytimes/covid−19−data]
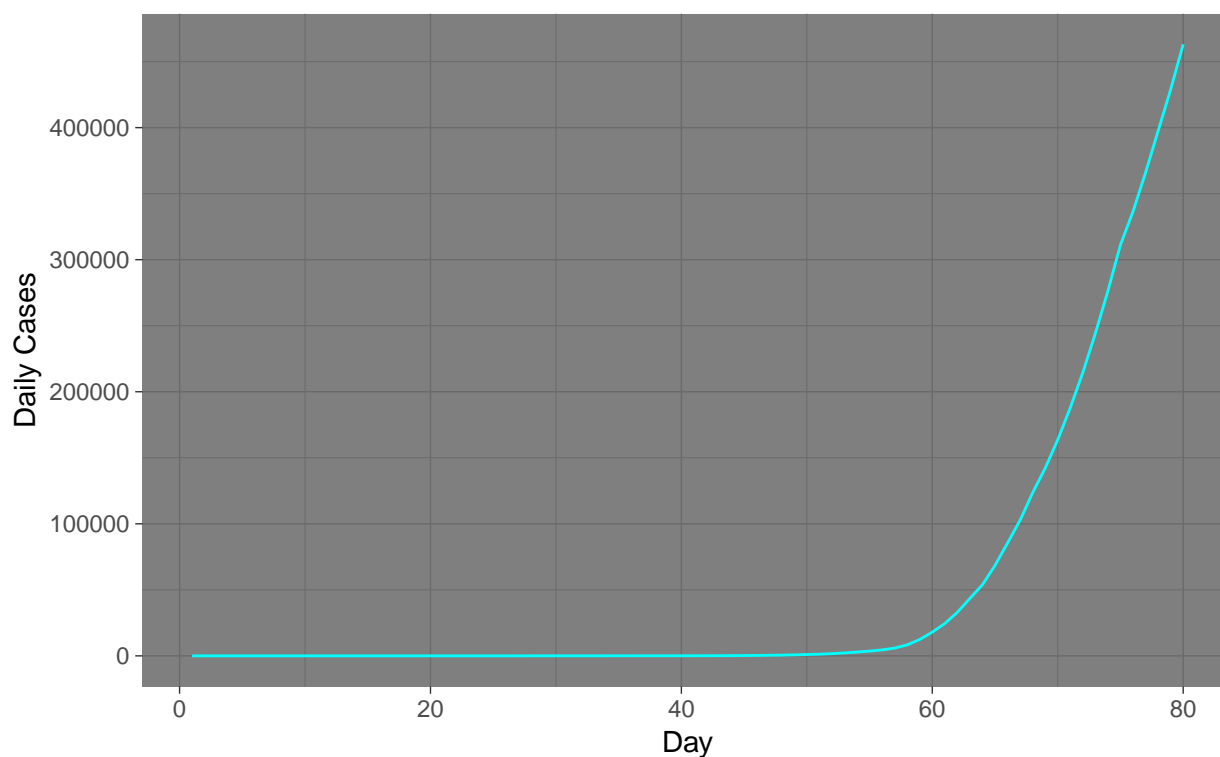
Cases in the United States

State	Cases	Deaths	%Fatal
New York	159937	7067	4.42
New Jersey	51027	1700	3.33
Michigan	21375	1076	5.03
California	20191	548	2.71
Massachusetts	18941	503	2.66
Pennsylvania	18379	344	1.87

State	Cases	Deaths	%Fatal
Louisiana	18283	702	3.84
Florida	16819	370	2.20
Illinois	16422	534	3.25
Texas	11372	228	2.00
Georgia	10885	412	3.79
Connecticut	9784	380	3.88
Washington	9608	456	4.75
Indiana	6351	246	3.87
Colorado	6202	227	3.66
Maryland	6185	139	2.25
Ohio	5512	213	3.86
Tennessee	4456	95	2.13
Virginia	4042	109	2.70
North Carolina	3651	74	2.03
Missouri	3539	94	2.66
Arizona	3018	89	2.95
Wisconsin	2885	116	4.02
Alabama	2838	78	2.75
South Carolina	2792	67	2.40
Nevada	2456	82	3.34
Mississippi	2260	76	3.36
Utah	1980	13	0.66
Rhode Island	1727	43	2.49
Oklahoma	1684	80	4.75
Kentucky	1525	84	5.51
District of Columbia	1523	32	2.10
Idaho	1353	24	1.77
Oregon	1321	44	3.33
Iowa	1270	27	2.13
Minnesota	1242	50	4.03
Delaware	1209	23	1.90
Arkansas	1146	21	1.83
Kansas	1116	42	3.76
New Mexico	989	17	1.72
New Hampshire	819	21	2.56
Puerto Rico	683	33	4.83
Vermont	628	23	3.66
Nebraska	594	15	2.53
Maine	560	16	2.86
West Virginia	524	5	0.95
South Dakota	447	7	1.57
Hawaii	440	6	1.36
Montana	354	6	1.69
North Dakota	269	5	1.86
Wyoming	239	0	0.00
Alaska	233	5	2.15

Daily Michigan Cases
Data provided by the N.Y. Times [https://github.com/nytimes/covid−19−data]
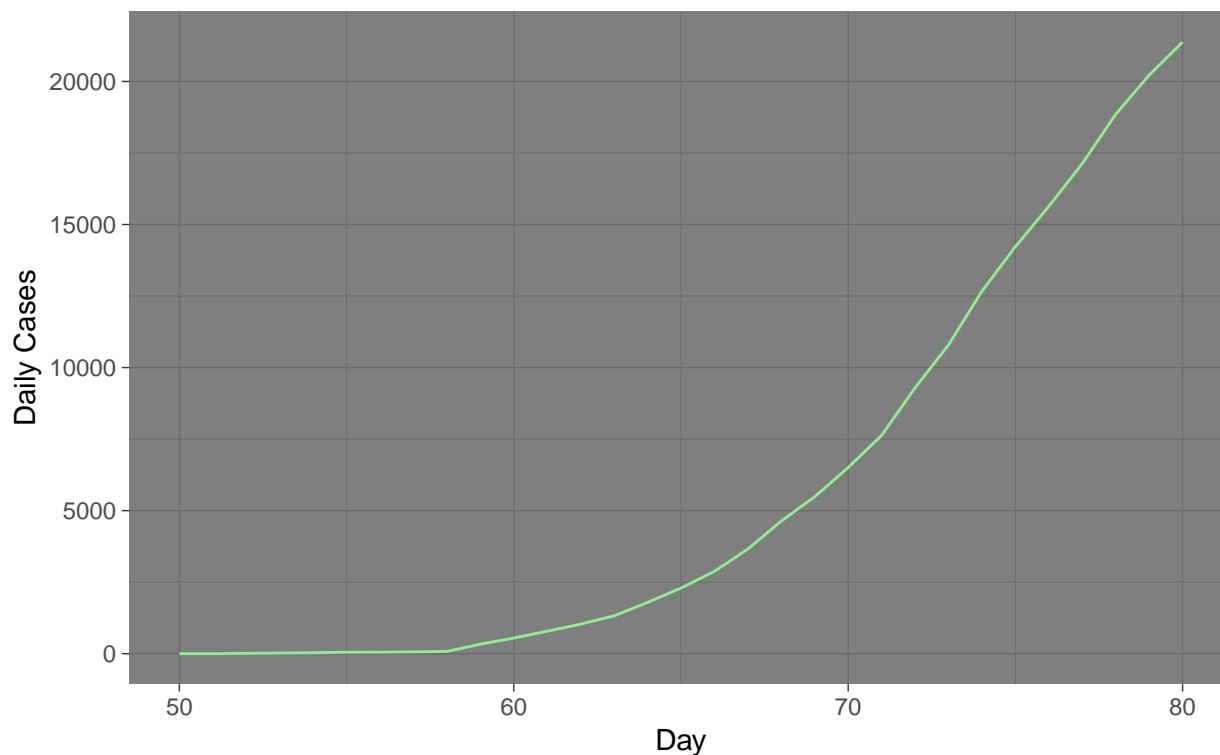
Top 15 Cases Per County

County	Cases	Deaths	%Fatal
Wayne	10093	504	4.99
Oakland	4247	246	5.79
Macomb	2783	165	5.93
Genesee	755	48	6.36
Washtenaw	637	15	2.35
Unknown	405	5	1.23
Kent	233	10	4.29
Ingham	222	3	1.35
Saginaw	205	7	3.41
Livingston	181	2	1.10
Monroe	165	1	0.61
St. Clair	162	4	2.47
Jackson	131	4	3.05
Clinton	85	1	1.18
Berrien	80	2	2.50

24 Hour Changes in Michigan Counties

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Allegan	18	0	18	0	0	-

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Antrim	6	0	6	0	0	-
Arenac	4	0	4	0	0	-
Barry	7	0	7	0	0	-
Bay	42	0	39	0	7	-
Berrien	80	2	72	2	10	0
Branch	24	1	18	1	25	0
Calhoun	57	1	51	1	11	0
Cass	10	1	9	1	10	0
Charlevoix	9	0	8	0	11	-
Cheboygan	10	1	10	1	0	0
Chippewa	1	0	1	0	0	-
Clare	3	0	3	0	0	-
Clinton	85	1	82	1	4	0
Crawford	5	1	5	1	0	0
Delta	9	1	8	0	11	100
Dickinson	3	1	2	1	33	0
Eaton	69	3	67	3	3	0
Emmet	16	2	15	2	6	0
Genesee	755	48	713	39	6	19
Gladwin	4	0	4	0	0	-
Gogebic	3	1	3	1	0	0
Grand Traverse	15	3	15	3	0	0
Gratiot	6	0	5	0	17	-
Hillsdale	64	6	62	4	3	33
Houghton	1	0	1	0	0	-
Huron	5	0	4	0	20	-
Ingham	222	3	205	2	8	33
Ionia	13	1	11	1	15	0
Iosco	4	1	4	1	0	0
Isabella	28	2	22	2	21	0
Jackson	131	4	126	4	4	0
Kalamazoo	74	6	67	6	9	0
Kalkaska	10	2	10	2	0	0
Kent	233	10	207	9	11	10
Lapeer	77	5	64	5	17	0
Leelanau	4	0	4	0	0	-
Lenawee	39	0	36	0	8	-
Livingston	181	2	174	2	4	0
Luce	1	0	1	0	0	-
Mackinac	4	0	3	0	25	-
Macomb	2783	165	2626	141	6	15
Manistee	9	0	9	0	0	-
Marquette	18	2	18	2	0	0
Mason	1	0	1	0	0	-
Mecosta	9	1	8	1	11	0
Midland	28	1	24	1	14	0
Missaukee	1	1	1	1	0	0
Monroe	165	1	152	0	8	100
Montcalm	19	1	18	1	5	0
Muskegon	53	4	42	4	21	0
Newaygo	3	0	3	0	0	-
Oakland	4247	246	4007	234	6	5

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Oceana	3	1	3	1	0	0
Ogemaw	3	0	3	0	0	-
Osceola	3	0	3	0	0	-
Oscoda	3	0	2	0	33	-
Otsego	29	2	29	2	0	0
Ottawa	59	1	55	0	7	100
Presque Isle	1	0	1	0	0	-
Roscommon	8	0	6	0	25	-
Saginaw	205	7	186	6	9	14
Sanilac	22	2	22	2	0	0
Schoolcraft	1	0	1	0	0	-
Shiawassee	31	0	27	0	13	-
St. Clair	162	4	140	3	14	25
St. Joseph	18	0	16	0	11	-
Tuscola	36	3	27	2	25	33
Unknown	368	5	363	3	1	40
Van Buren	18	1	18	1	0	0
Washtenaw	637	15	610	13	4	13
Wayne	10093	504	9626	446	5	12
Wexford	7	0	7	0	0	-