USCOVID19Analysis

hollen

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**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 2020-04-07.

Daily U.S. Cases

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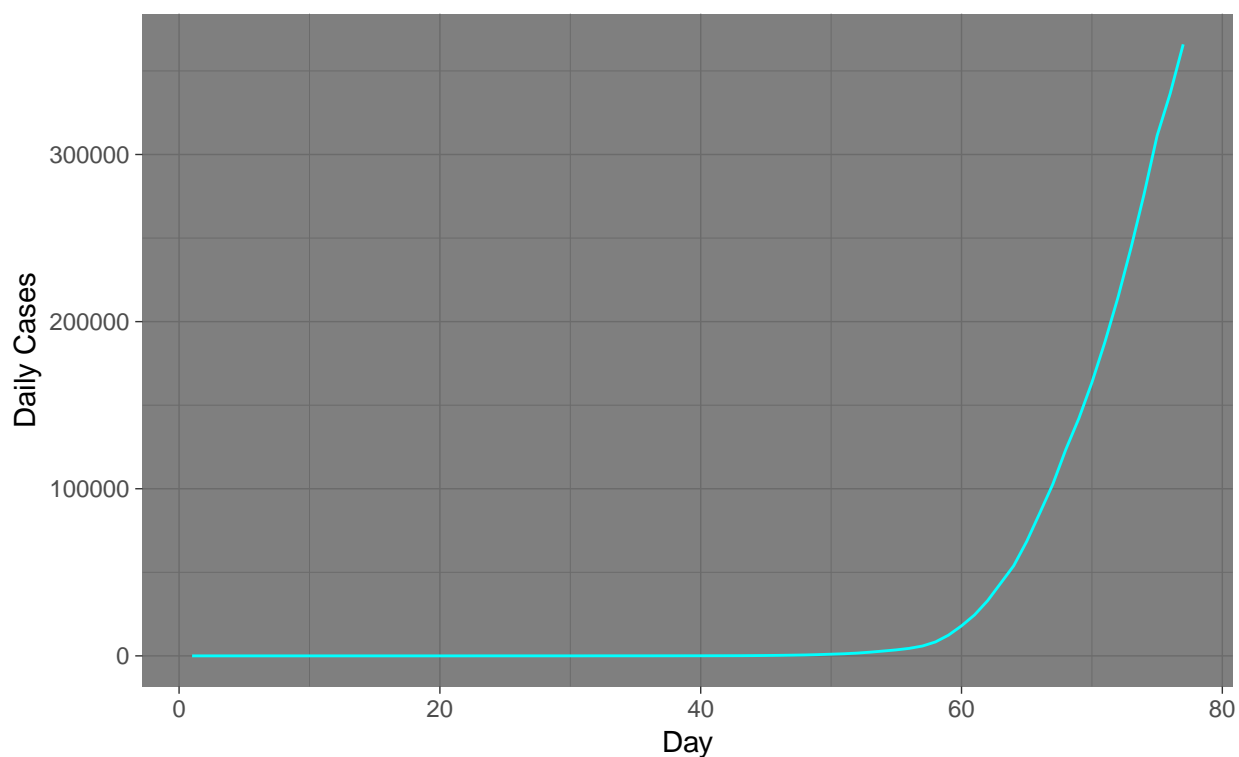
Cases in the United States

State	Cases	Deaths	%Fatal
New York	130703	4758	3.64
New Jersey	41090	1005	2.45
Michigan	17130	727	4.24
California	16284	386	2.37
Louisiana	14867	512	3.44
Massachusetts	13837	260	1.88

State	Cases	Deaths	%Fatal
Florida	13621	253	1.86
Pennsylvania	13074	169	1.29
Illinois	12262	309	2.52
Washington	8384	383	4.57
Texas	8115	160	1.97
Georgia	7558	294	3.89
Connecticut	6906	206	2.98
Colorado	5172	150	2.90
Indiana	4956	141	2.85
Ohio	4450	142	3.19
Maryland	4045	92	2.27
Tennessee	3753	65	1.73
Virginia	2878	54	1.88
North Carolina	2870	40	1.39
Missouri	2722	56	2.06
Arizona	2465	67	2.72
Wisconsin	2440	83	3.40
South Carolina	2232	48	2.15
Alabama	2006	53	2.64
Nevada	1971	58	2.94
Mississippi	1738	51	2.93
Utah	1675	13	0.78
Oklahoma	1327	51	3.84
Idaho	1170	13	1.11
Oregon	1132	29	2.56
District of Columbia	1097	24	2.19
Rhode Island	1082	27	2.50
Kentucky	1057	52	4.92
Minnesota	986	30	3.04
Iowa	946	25	2.64
Arkansas	927	16	1.73
Kansas	853	25	2.93
Delaware	783	15	1.92
New Hampshire	715	9	1.26
New Mexico	686	12	1.75
Vermont	543	23	4.24
Puerto Rico	513	21	4.09
Maine	499	10	2.00
Nebraska	438	10	2.28
Hawaii	385	5	1.30
West Virginia	345	4	1.16
Montana	319	6	1.88
South Dakota	288	4	1.39
North Dakota	225	3	1.33
Wyoming	212	0	0.00
Alaska	189	4	2.12

Daily Michigan Cases

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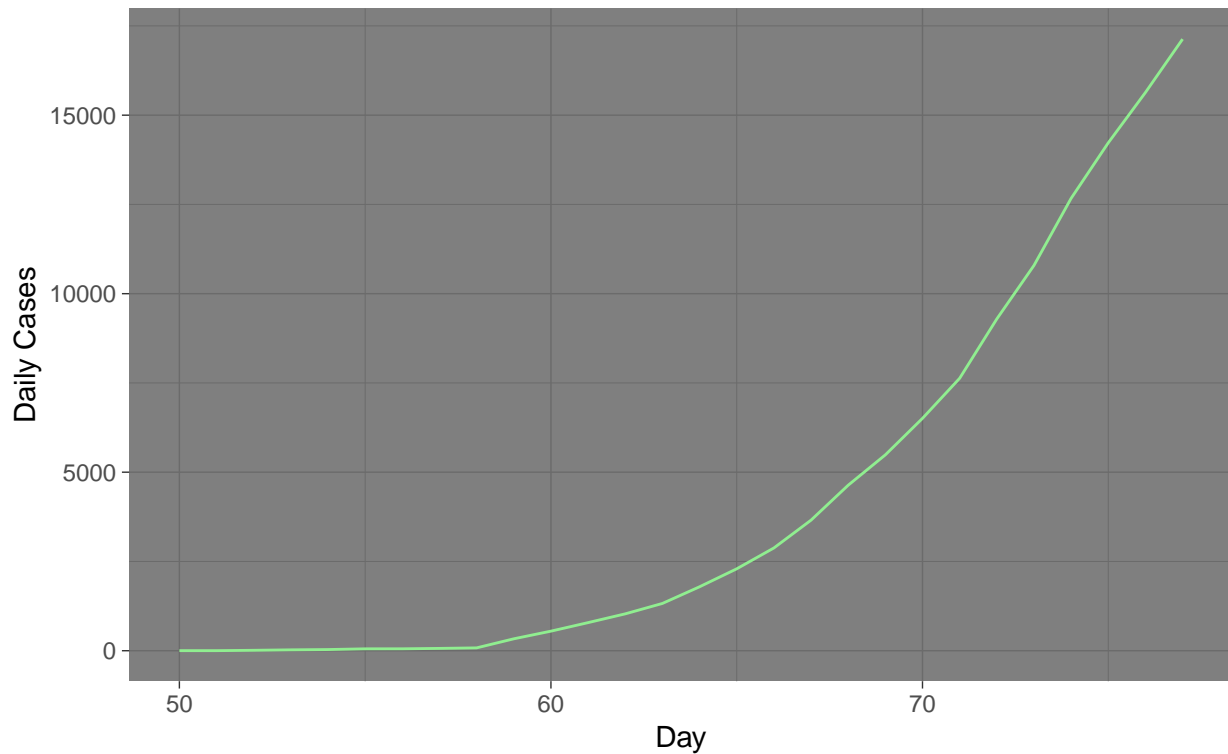
Top 15 Cases Per County

County	Cases	Deaths	%Fatal
Wayne	8270	346	4.18
Oakland	3380	185	5.47
Macomb	2159	100	4.63
Genesee	568	26	4.58
Washtenaw	543	10	1.84
Unknown	367	2	0.54
Ingham	178	2	1.12
Kent	177	5	2.82
Livingston	143	2	1.40
Saginaw	139	2	1.44
Monroe	117	0	0.00
St. Clair	110	3	2.73
Jackson	103	4	3.88
Berrien	60	2	3.33
Kalamazoo	58	3	5.17

24 Hour Changes in Michigan Counties

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Allegan	15	0	14	0	7	-

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Antrim	5	0	4	0	20	-
Arenac	3	0	3	0	0	-
Barry	7	0	6	0	14	-
Bay	30	0	30	0	0	-
Benzie	NA	NA	1	0	NA	NA
Berrien	60	2	58	1	3	50
Branch	15	1	13	1	13	0
Calhoun	41	1	42	1	-2	0
Cass	7	1	7	1	0	0
Charlevoix	8	0	7	0	12	-
Cheboygan	8	1	8	1	0	0
Chippewa	1	0	2	0	-100	-
Clare	3	0	1	0	67	-
Clinton	56	1	55	1	2	0
Crawford	2	0	1	0	50	-
Delta	7	0	7	0	0	-
Dickinson	2	1	1	1	50	0
Eaton	57	2	55	2	4	0
Emmet	13	2	13	2	0	0
Genesee	568	26	504	18	11	31
Gladwin	4	0	4	0	0	-
Gogebic	3	1	3	1	0	0
Grand Traverse	14	3	12	3	14	0
Gratiot	5	0	4	0	20	-
Hillsdale	46	3	44	3	4	0
Houghton	1	0	1	0	0	-
Huron	4	0	4	0	0	-
Ingham	178	1	172	2	3	-100
Ionia	8	0	8	0	0	-
Iosco	3	1	3	1	0	0
Isabella	16	2	12	2	25	0
Jackson	103	4	90	3	13	25
Kalamazoo	58	3	53	3	9	0
Kalkaska	8	2	8	2	0	0
Kent	177	5	165	3	7	40
Lapeer	49	0	45	0	8	-
Leelanau	2	0	1	0	50	-
Lenawee	32	0	31	0	3	-
Livingston	143	2	135	2	6	0
Luce	1	0	1	0	0	-
Mackinac	2	0	2	0	0	-
Macomb	2159	100	2003	83	7	17
Manistee	6	0	4	0	33	-
Marquette	15	2	14	1	7	50
Mecosta	6	1	6	1	0	0
Midland	22	0	18	0	18	-
Missaukee	1	1	1	1	0	0
Monroe	117	0	108	0	8	-
Montcalm	15	0	14	0	7	-
Muskegon	33	4	31	4	6	0
Newaygo	2	0	2	0	0	-
Oakland	3380	185	3074	165	9	11

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Oceana	3	0	3	0	0	-
Ogemaw	3	0	3	0	0	-
Ontonagon	1	0	1	0	0	-
Osceola	3	0	4	0	-33	-
Oscoda	2	0	2	0	0	-
Otsego	26	2	24	1	8	50
Ottawa	44	0	44	0	0	-
Presque Isle	1	0	NA	NA	NA	NA
Roscommon	5	0	5	0	0	-
Saginaw	139	2	118	0	15	100
Sanilac	14	2	13	1	7	50
Shiawassee	24	0	23	0	4	-
St. Clair	110	3	94	2	15	33
St. Joseph	11	0	10	0	9	-
Tuscola	22	2	22	2	0	0
Unknown	367	1	306	0	17	100
Van Buren	16	1	14	1	12	0
Washtenaw	543	10	521	8	4	20
Wayne	8270	346	7518	293	9	15
Wexford	5	0	5	0	0	-