USCOVID19Analysis

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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 2020-04-09.

Daily U.S. Cases

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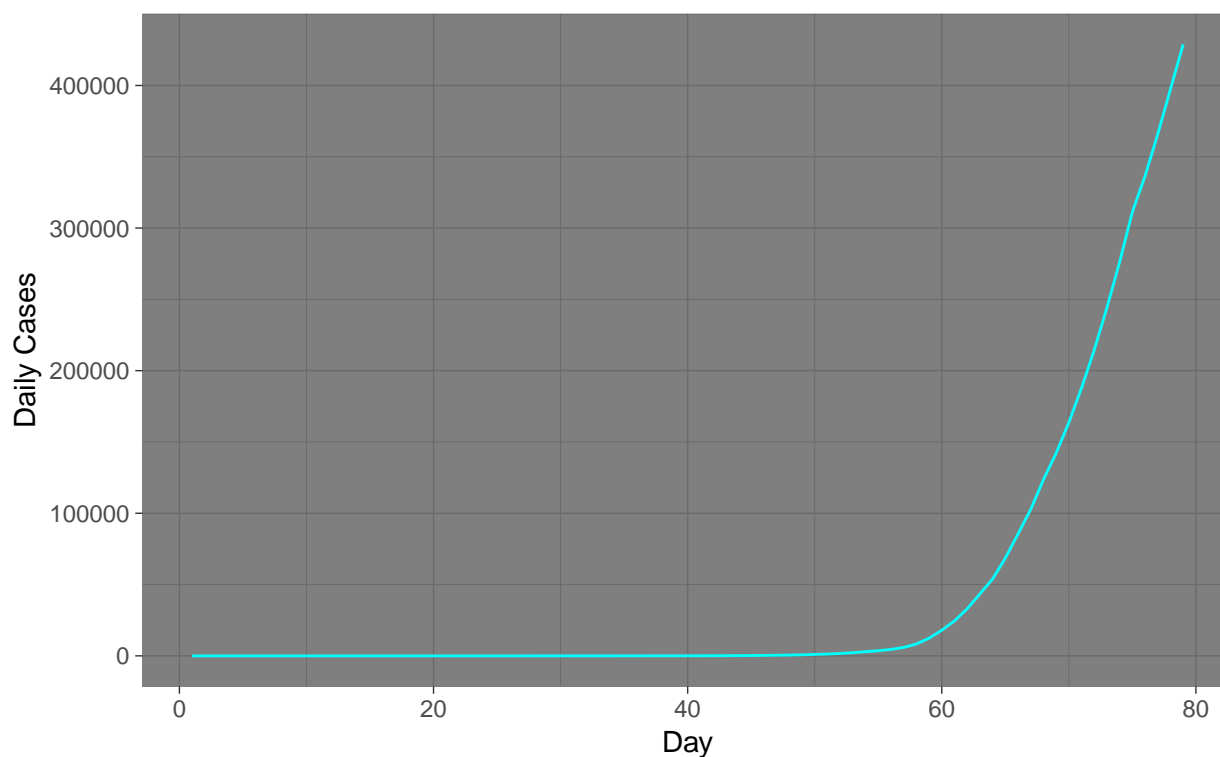
Cases in the United States

State	Cases	Deaths	%Fatal
New York	149401	6268	4.20
New Jersey	47437	1504	3.17
Michigan	20220	959	4.74
California	19043	506	2.66
Louisiana	17030	652	3.83
Massachusetts	16790	433	2.58

State	Cases	Deaths	%Fatal
Pennsylvania	16414	313	1.91
Florida	15690	322	2.05
Illinois	15078	464	3.08
Georgia	10204	370	3.63
Texas	9900	195	1.97
Washington	9097	454	4.99
Connecticut	8781	335	3.82
Indiana	5943	203	3.42
Colorado	5655	192	3.40
Maryland	5529	124	2.24
Ohio	5148	193	3.75
Tennessee	4246	83	1.95
Virginia	3645	75	2.06
North Carolina	3423	61	1.78
Missouri	3327	86	2.58
Wisconsin	2756	107	3.88
Arizona	2726	80	2.93
South Carolina	2552	63	2.47
Alabama	2499	67	2.68
Nevada	2318	80	3.45
Mississippi	2003	67	3.34
Utah	1875	13	0.69
Oklahoma	1524	79	5.18
Rhode Island	1450	35	2.41
District of Columbia	1440	27	1.88
Kentucky	1393	73	5.24
Oregon	1239	38	3.07
Idaho	1232	19	1.54
Minnesota	1154	39	3.38
Iowa	1145	27	2.36
Delaware	1116	19	1.70
Arkansas	1077	18	1.67
Kansas	1055	38	3.60
New Mexico	865	16	1.85
New Hampshire	788	18	2.28
Puerto Rico	620	24	3.87
Vermont	605	23	3.80
Nebraska	538	14	2.60
Maine	537	14	2.61
West Virginia	483	4	0.83
Hawaii	433	5	1.15
South Dakota	393	6	1.53
Montana	332	6	1.81
North Dakota	251	4	1.59
Wyoming	230	0	0.00
Alaska	224	5	2.23

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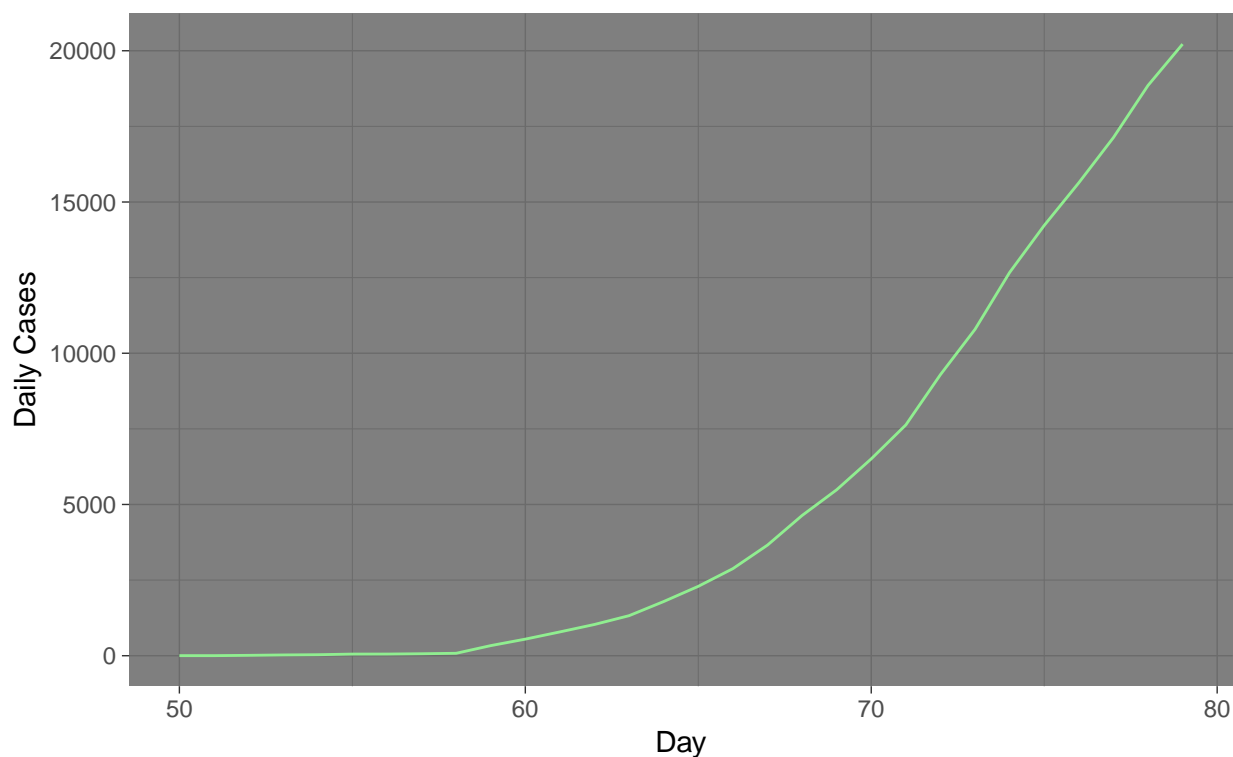
Top 15 Cases Per County

County	Cases	Deaths	%Fatal
Wayne	9626	446	4.63
Oakland	4007	234	5.84
Macomb	2626	141	5.37
Genesee	713	39	5.47
Washtenaw	610	13	2.13
Unknown	405	3	0.74
Kent	207	9	4.35
Ingham	205	2	0.98
Saginaw	186	6	3.23
Livingston	174	2	1.15
Monroe	152	0	0.00
St. Clair	140	3	2.14
Jackson	126	4	3.17
Clinton	82	1	1.22
Berrien	72	2	2.78

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	3	0	25	-
Barry	7	0	7	0	0	-
Bay	39	0	31	0	21	-
Berrien	72	2	64	2	11	0
Branch	18	1	16	1	11	0
Calhoun	51	1	43	1	16	0
Cass	9	1	9	1	0	0
Charlevoix	8	0	8	0	0	-
Cheboygan	10	1	10	1	0	0
Chippewa	1	0	1	0	0	-
Clare	3	0	3	0	0	-
Clinton	82	1	73	1	11	0
Crawford	5	1	5	1	0	0
Delta	8	0	7	0	12	-
Dickinson	2	1	2	1	0	0
Eaton	67	3	61	2	9	33
Emmet	15	2	14	2	7	0
Genesee	713	39	638	33	11	15
Gladwin	4	0	4	0	0	-
Gogebic	3	1	3	1	0	0
Grand Traverse	15	3	15	3	0	0
Gratiot	5	0	6	0	-20	-
Hillsdale	62	4	55	4	11	0
Houghton	1	0	1	0	0	-
Huron	4	0	4	0	0	-
Ingham	205	2	189	1	8	50
Ionia	11	1	9	1	18	0
Iosco	4	1	4	1	0	0
Isabella	22	2	22	2	0	0
Jackson	126	4	114	4	10	0
Kalamazoo	67	6	64	5	4	17
Kalkaska	10	2	10	2	0	0
Kent	207	9	187	7	10	22
Lapeer	64	5	56	3	12	40
Leelanau	4	0	3	0	25	-
Lenawee	36	0	32	0	11	-
Livingston	174	2	155	2	11	0
Luce	1	0	1	0	0	-
Mackinac	3	0	3	0	0	-
Macomb	2626	141	2414	121	8	14
Manistee	9	0	9	0	0	-
Marquette	18	2	19	2	-6	0
Mason	1	0	1	0	0	-
Mecosta	8	1	8	1	0	0
Midland	24	1	22	0	8	100
Missaukee	1	1	1	1	0	0
Monroe	152	0	129	0	15	-
Montcalm	18	1	16	1	11	0
Muskegon	42	4	41	4	2	0
Newaygo	3	0	3	0	0	-
Oakland	4007	234	3736	205	7	12

County	CasesToday	DeathsToday	CasesYesterday	DeathsYesterday	%CasesChg	%DeathsChg
Oceana	3	1	3	1	0	0
Ogemaw	3	0	3	0	0	-
Ontonagon	NA	NA	1	0	NA	NA
Osceola	3	0	3	0	0	-
Oscoda	2	0	2	0	0	-
Otsego	29	2	28	2	3	0
Ottawa	55	0	52	0	5	-
Presque Isle	1	0	1	0	0	-
Roscommon	6	0	6	0	0	-
Saginaw	186	6	153	3	18	50
Sanilac	22	2	17	2	23	0
Schoolcraft	1	0	NA	NA	NA	NA
Shiawassee	27	0	24	0	11	-
St. Clair	140	3	129	3	8	0
St. Joseph	16	0	14	0	12	-
Tuscola	27	2	26	2	4	0
Unknown	363	3	405	0	-12	100
Van Buren	18	1	17	1	6	0
Washtenaw	610	13	561	12	8	8
Wayne	9626	446	9045	402	6	10
Wexford	7	0	7	0	0	-