Florida Department of Health COVID-19 Data Summary

7/17/2020

General Information

Data Date Range: 3/16/20 - 7/17/20

Number of report days: 156 Total Sample size: 10,565

Number of Counties in data set: 68 (including 1 'Unknown' County group)

Smallest unit of measure: Day

New Case Counts

Descriptive Analysis of County-level Daily New COVID-19 Cases Counts

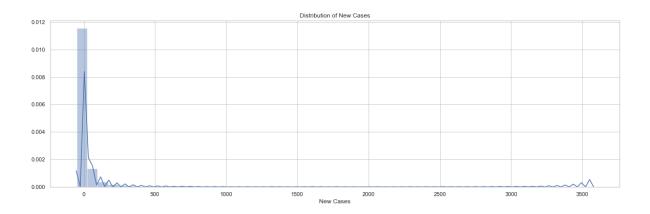
count	10497.000000
mean	31.159474
std	143.395616
min	-49.000000
25%	0.000000
50%	2.000000
75%	11.000000
max	3576.000000

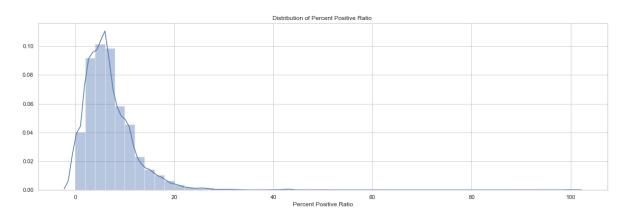
Positive COVID-19 Test Ratio

Descriptive Analysis of County-level Daily Percent of Positive COVID-19 Tests

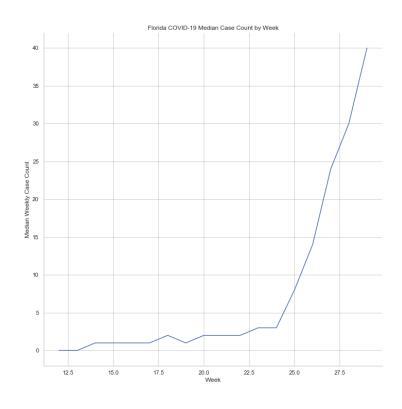
count	10565.000000
mean	6.673734
std	5.061084
min	0.000000
25%	3.000000
50%	6.000000
75%	9.000000
max	100.000000

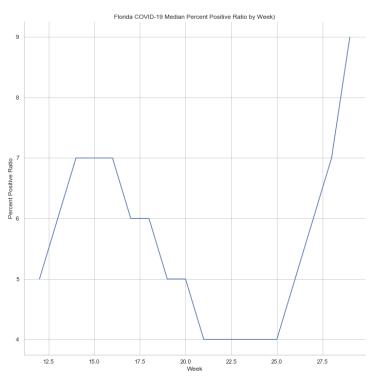
Data Distribution





Data Trends





Correlation Analysis (Heat Map)

- 0.75 - 0.50 - 0.25

-0.25

							Overall He	at Map for	COVID-19 &	SES Data						
new_case_median	1	0.97	0.4	-0.34	-0.082	-0.33	-0.36	0.29	0.032	0.17	-0.39	-0.37	-0.13	-0.2	0.16	0.24
new_case_mean	0.97	1	0.38	-0.39	-0.15	-0.42	-0.42	0.25	-0.028	0.12	-0.44	-0.42	-0.16	-0.24	0.21	0.23
percent_positive_median	0.4	0.38	1	-0.34	-0.052	-0.31	-0.44		0.081	0.46	-0.27	-0.36	-0.18	-0.23	0.17	-0.028
ir_pollution_particulate_matter	-0.34	-0.39	-0.34	1	0.093	0.5	0.35	-0.14	0.13	-0.39			0.27	0.046	-0.2	0.05
social_economic_factors_rank	-0.082	-0.15	-0.052	0.093	1	0.52	0.65	0.38	0.63	0.36	0.6		0.74	0.72	-0.84	0.015
rural_percent	-0.33	-0.42	-0.31	0.5		1	0.61	0.15	0.63	0.058	0.75	0.78		0.5	-0.65	0.21
length_of_life_rank	-0.36	-0.42	-0.44	0.35	0.65	0.61	1	-0.11	0.44	-0.047	0.63	0.74	0.69	0.78	-0.67	-0.074
overcrowding	0.29	0.25	0.35	-0.14	0.38	0.15	-0.11	1	0.63	0.64	0.22	0.24	0.31	-0.02	-0.32	0.24
dinical_care_rank	0.032	-0.028	0.081	0.13	0.63	0.63	0.44	0.63	1	0.54	0.64	0.68	0.66		-0.71	0.14
uninsured_percent	0.17	0.12	0.46	-0.39	0.36	0.058	-0.047	0.64	0.54	1	-0.025	0.011	0.084	0.23	-0.29	0.053
adult_obesity_percent	-0.39	-0.44	-0.27	0.5	0.6	0.75	0.63	0.22	0.64	-0.025	1	0.89	0.71	0.62	-0.71	-0.021
health_behaviors_rank	-0.37	-0.42	-0.36	0.5		0.78	0.74	0.24	0.68	0.011	0.89	1	0.79		-0.72	0.061
quality_of_life_rank	-0.13	-0.16	-0.18	0.27	0.74		0.69	0.31	0.66	0.084	0.71	0.79	1	0.57	-0.78	0.17
percent_adult_wdiplo	-0.2	-0.24	-0.23	0.046	0.72	0.5	0.78	-0.02	0.51	0.23	0.62	0.53	0.57	1	-0.64	-0.47
median_income	0.16	0.21	0.17	-0.2	-0.84	-0.65	-0.67	-0.32	-0.71	-0.29	-0.71	-0.72	-0.78	-0.64	1	-0.17
income_inequality_ratio	0.24	0.23	-0.028	0.05	0.015	0.21	-0.074	0.24	0.14	0.053	-0.021	0.061	0.17	-0.47	-0.17	1
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