

MEMORANDUM

TO: Diocese of Southeast Florida Bishop's Committee on Re-Gathering
FROM: Ronald W. Helms, Ph.D.
DATE: 2021-02-16
SUBJECT: Selected Statistics that Summarize the Status of the COVID-19 Pandemic for Counties in the Diocese of Southeast Florida for the Period Ending 2021-02-15

RESULTS

The following displays (tables and graphs) contain:

- selected daily statistics that summarize the status of the COVID-19 pandemic for counties in the Diocese of Southeast Florida for the fortnight noted in the Subject line above, plus
- weekly statistics summarizing the status from the first week of June, 2020, through this past Saturday,

compiled from statistics published through today's date by the Florida Department of Health (FL DOH) at:

http://ww11.doh.state.fl.us/comm/_partners/covid19_report_archive/cases-monitoring-and-pui-information/county-report/

Personal note: This week's report ends one day earlier than usual as I am driving my wife to Miami on Wednesday, February 17, for her to obtain her second Covid-19 vaccination shot.

The FL DOH reports contain the warning, "Data in this report are provisional and subject to change." *Caveat emptor.*

THE USUAL ENDING...

Disclaimer

My usual disclaimer: As before, I personally extracted the numbers from the website and my work has not yet been reviewed by others. Although I worked carefully my error rate is not zero and I request that you be kind (as in, "Love thy neighbor....") when my errors pop up—and tell me about them quickly so that I can repair them quickly.

Please let me know what changes you would like that will assist you in your very difficult assignment.

Outliers and other Anomalies: FYI but ultimately not very important

The following "statistical outliers" or other potentially anomalous statistics from FL DOH are highlighted in rose in the tables but are not highlighted in the graphs. Values that are either more than 2.0 standard deviations above the fortnightly mean or more than 2.0 standard deviations below the fortnightly mean are highlighted as "statistical outliers". This rule would

classify roughly 5% of correct values as “outliers”. Each table has 84 statistics (6 counties × 14 days); if all were correct we would expect roughly 5% (~4) to be more than 2 standard deviations from the mean.

In every case noted below:

- A careful review shows that the statistics in this report match the statistics in the FL DOH website.
- No further information is available.
- The reported value is not particularly alarming.

Reported Covid-19 Deaths and Reported Covid-19 Deaths per 100K Population

- Miami/Dade, February 13: 29 Reported Covid-19 Deaths, which translates to 1.07 Reported Covid-19 Deaths per 100K Population.
 - 29 Reported Covid-19 Deaths is 2.1 standard deviations above the fortnightly mean of 21.4.
 - 1.07 Reported Covid-19 Deaths per 100K Population is 2.1 standard deviations above the fortnightly mean of 0.79.
- *Previously reported:* Hendry, February 4: 2 Reported Covid-19 Deaths, which translates to 1.24 Reported Covid-19 Deaths per 100K Population.
 - 2 Reported Covid-19 Deaths is 2.1 standard deviations above the fortnightly mean of 0.4.
 - 1.24 Reported Covid-19 Deaths per 100K Population is 2.1 standard deviations above the fortnightly mean of 2.7.
- *Previously reported:* Martin, February 3: 13 Reported Covid-19 Deaths, which translates to 8.07 Reported Covid-19 Deaths per 100K Population.
 - 3 Reported Covid-19 Deaths is 3.2 standard deviations above the fortnightly mean of 1.9.
 - 8.07 Reported Covid-19 Deaths per 100K Population is 3.2 standard deviations above the fortnightly mean of 1.15.

Reported Covid-19 Hospitalizations and Reported Covid-19 Hospitalizations per 100K Population

- Hendry, February 15: 2 Reported Covid-19 Hospitalizations and 4.76 Reported Covid-19 Hospitalizations per 100K Population respectively.
 - 2 hospitalizations is 2.2 standard deviations above the fortnightly mean of 0.6.
 - 4.76 hospitalizations per 100K population is 2.2 standard deviations above the fortnightly mean of 1.4.
- Miami/Dade, February 12: 59 Reported Covid-19 Hospitalizations and 2.17 Reported Covid-19 Hospitalizations per 100K Population respectively.
 - 59 hospitalizations is 2.4 standard deviations above the fortnightly mean of 29.6.
 - 2.17 hospitalizations per 100K population is 2.2 standard deviations above the fortnightly mean of 1.1.
- Monroe, February 12: -1 Reported Covid-19 Hospitalizations and -1.35 Reported Covid-19 Hospitalizations per 100K Population respectively.

- FL DOH reported the following numbers of cumulative Reported Covid-19 Hospitalizations for Monroe County:

- 226 on February 10
- 227 on February 11
- **226** on February 12
- 227 on February 13

This inconsistency could be a result of FL DOH data clerks overriding the judgement of the attending physician per FL DOH documented procedures (a common occurrence), an error correction, or a data error. FL DOH does not explain these inconsistencies. No further information is available. The charts' vertical axes have minimum values set at 0; therefore the charts do not display the negative values.

- *Previously reported:* Palm Beach, February 4: 36 Reported Covid-19 Hospitalizations and 2.41 Reported Covid-19 Hospitalizations per 100K Population respectively.
 - 36 hospitalizations is 2.2 standard deviations above the fortnightly mean of 18.5.
 - 2.41 hospitalizations per 100K population is 2.2 standard deviations above the fortnightly mean of 1.2.

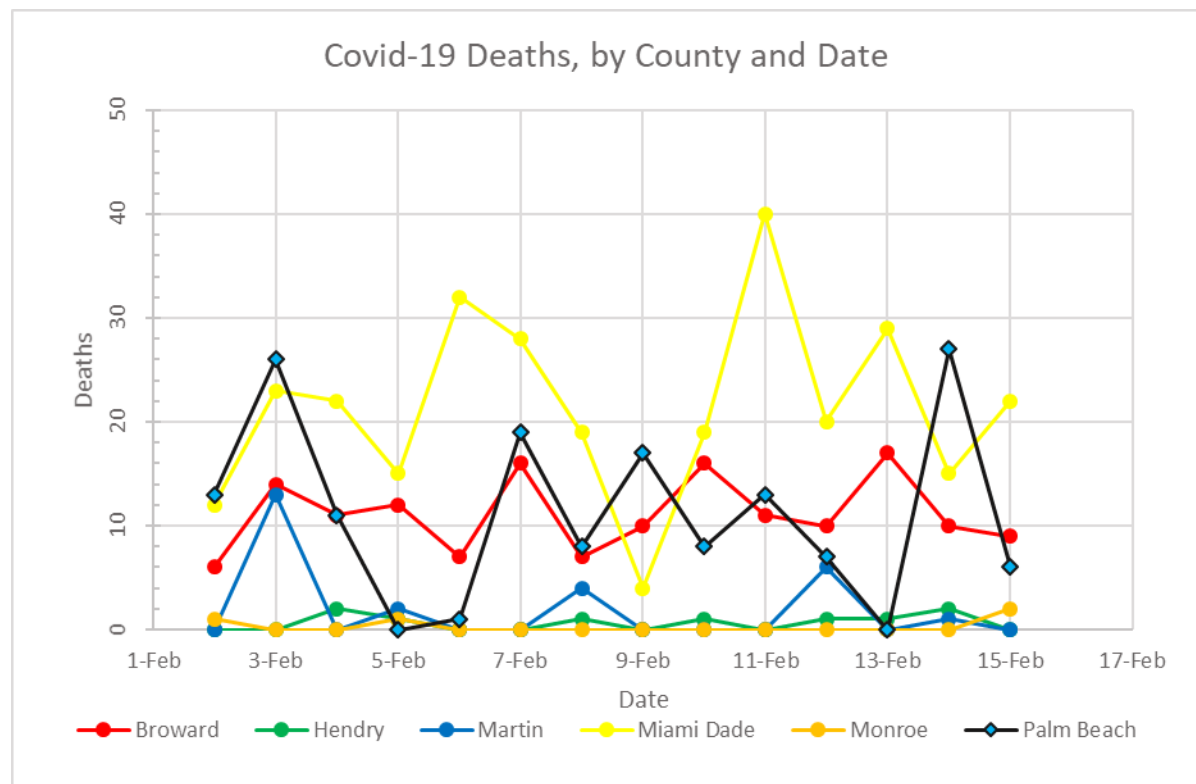
Reported New Covid-19 Cases and Reported New Covid-19 Cases per 100K Population

- Miami/Dade, February 4: 2,392 Reported New Covid-19 Cases and 88 Reported New Covid-19 Cases per 100K Population, respectively.
 - 2,392 Reported New Covid-19 Cases is 2.6 standard deviations above this fortnight's mean of 1452.
 - 88 Reported New Covid-19 Cases per 100K Population is 2.6 standard deviations above this fortnight's mean of 53.
 - This was not reported previously as these statistics were not outliers in the preceding fortnight. This fortnight's means are lower and the standard deviations are lower than the previous fortnight's; these large values are more than 2 standard deviations above the means for this fortnight.
- Miami/Dade, February 14: 650 Reported New Covid-19 Cases and 24 Reported New Covid-19 Cases per 100K Population, respectively.
 - 650 Reported New Covid-19 Cases is 2.2 standard deviations below this fortnight's mean of 1452.
 - 24 Reported New Covid-19 Cases per 100K Population is 2.2 standard deviations below this fortnight's mean of 53.
- Monroe, February 4: 30 Reported New Covid-19 Cases and 40 Reported New Covid-19 Cases per 100K Population, respectively.
 - 30 Reported New Covid-19 Cases is 2.6 standard deviations above this fortnight's mean of 14.
 - 40 Reported New Covid-19 Cases per 100K Population is 2.6 standard deviations above this fortnight's mean of 20.
 - This was not reported previously as these statistics were not outliers in the preceding fortnight. This fortnight's means are lower and the standard deviations are lower than the previous fortnight's; these large values are more than 2 standard deviations above the means for this fortnight.

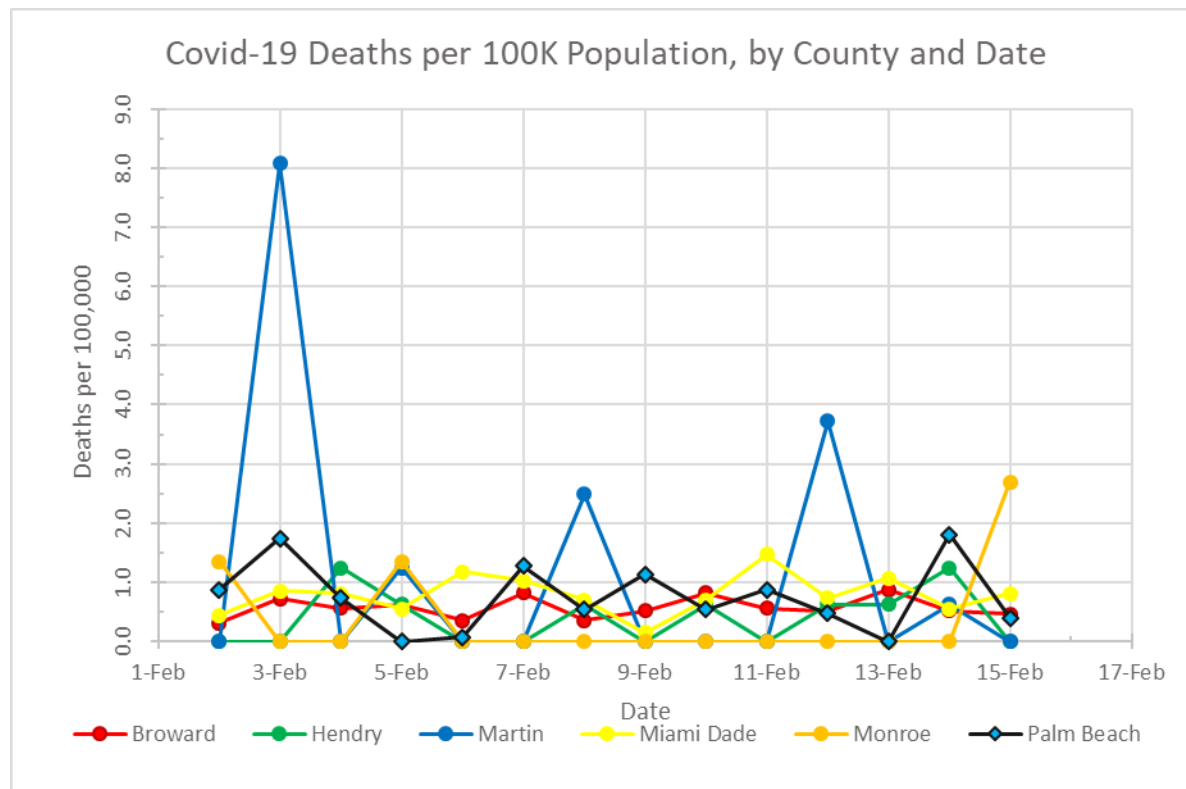
- Palm Beach, February 4: 838 Reported New Covid-19 Cases and 56 Reported New Covid-19 Cases per 100K Population, respectively.
 - 838 Reported New Covid-19 Cases is 2.5 standard deviations above this fortnight's mean of 487.
 - 56 Reported New Covid-19 Cases per 100K Population is 2.5 standard deviations above this fortnight's mean of 33.

This was not reported previously as these statistics were not outliers in the preceding fortnight. This fortnight's means are lower and the standard deviations are lower than the previous fortnight's; these large values are more than 2 standard deviations above the means for this fortnight.

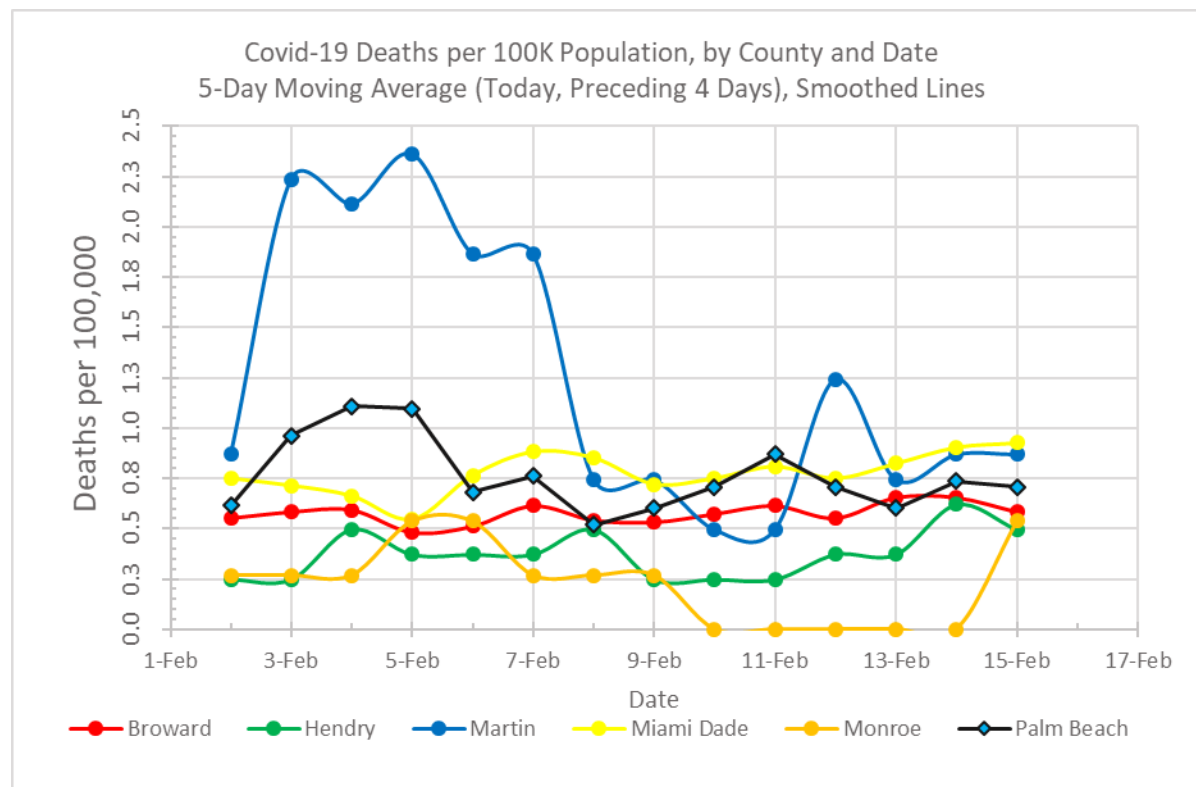
Covid-19 Deaths, by County and Date (Computed from Cumulative Year-to-Date Totals)															
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	
Broward	6	14	11	12	7	16	7	10	16	11	10	17	10	9	
Hendry	0	0	2	1	0	0	1	0	1	0	1	1	2	0	
Martin	0	13	0	2	0	0	4	0	0	0	6	0	1	0	
Miami Dade	12	23	22	15	32	28	19	4	19	40	20	29	15	22	
Monroe	1	0	0	1	0	0	0	0	0	0	0	0	0	2	
Palm Beach	13	26	11	0	1	19	8	17	8	13	7	0	27	6	



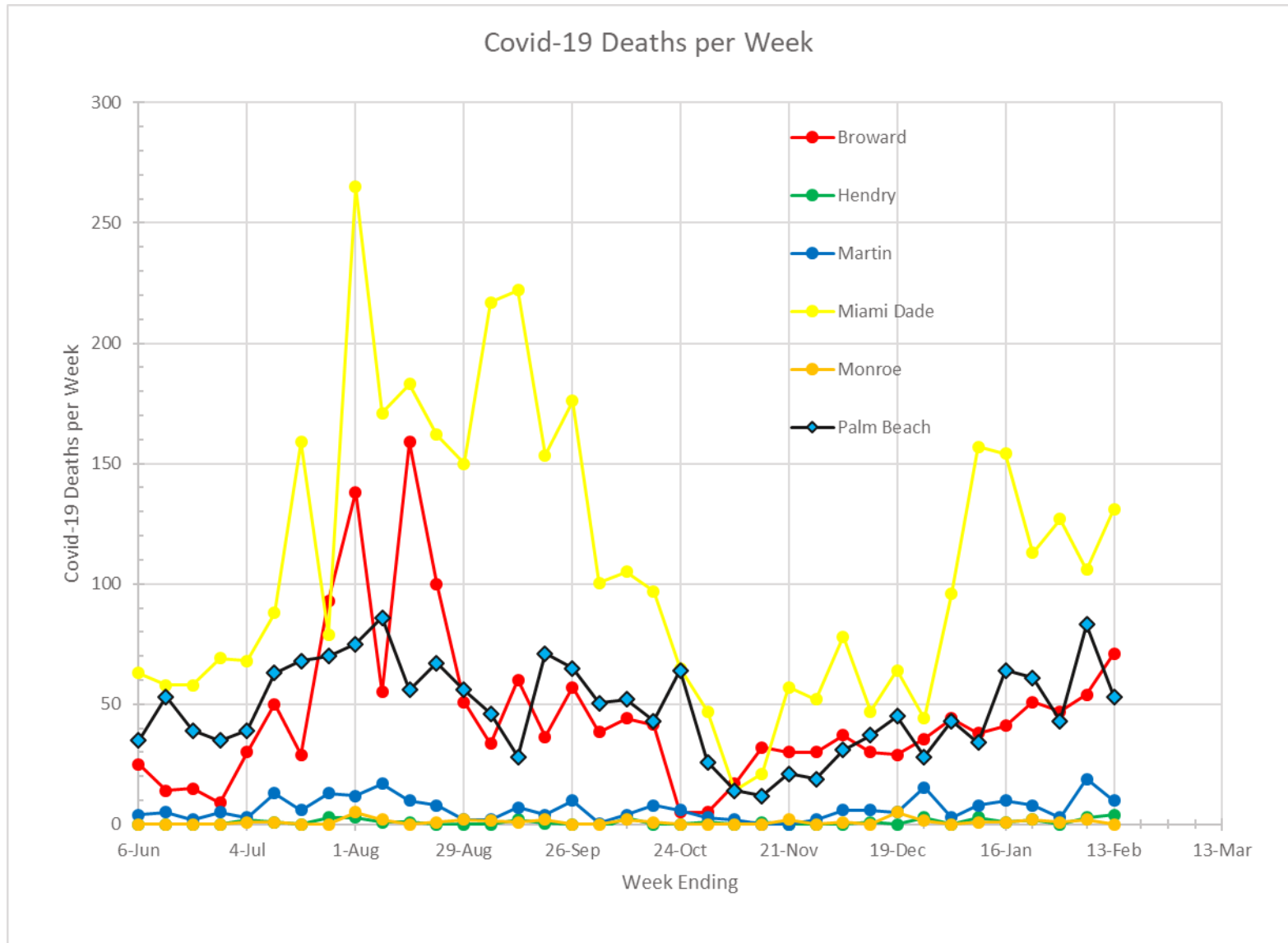
Covid-19 Deaths per 100,000 Population, by County and Date (Computed from US Census Bureau 2019 Est. Populations and Table above)															
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	
Broward	0.31	0.72	0.56	0.61	0.36	0.82	0.36	0.51	0.82	0.56	0.51	0.87	0.51	0.46	
Hendry	0.00	0.00	1.24	0.62	0.00	0.00	0.62	0.00	0.62	0.00	0.62	0.62	1.24	0.00	
Martin	0.00	8.07	0.00	1.24	0.00	0.00	2.48	0.00	0.00	0.00	3.73	0.00	0.62	0.00	
Miami Dade	0.44	0.85	0.81	0.55	1.18	1.03	0.70	0.15	0.70	1.47	0.74	1.07	0.55	0.81	
Monroe	1.35	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.69	
Palm Beach	0.87	1.74	0.73	0.00	0.07	1.27	0.53	1.14	0.53	0.87	0.47	0.00	1.80	0.40	



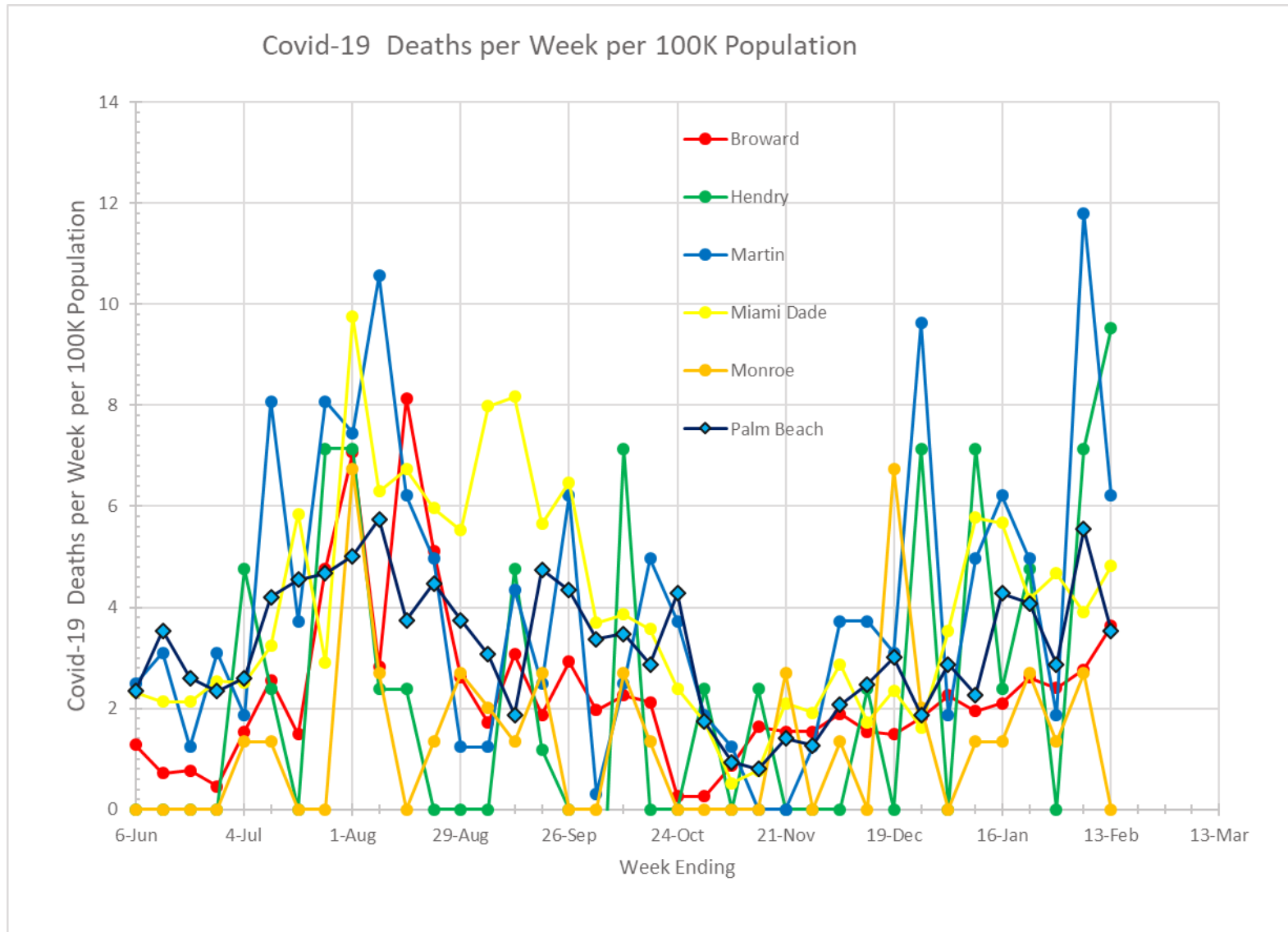
Covid-19 Deaths per 100,000 Poulation, by County and Date, 5-Day Moving Averages: Today, Preceding 4 Days (Computed from Table above)														
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
Broward	0.55	0.58	0.59	0.48	0.51	0.61	0.54	0.53	0.57	0.61	0.55	0.66	0.66	0.58
Hendry	0.25	0.25	0.50	0.37	0.37	0.37	0.50	0.25	0.25	0.25	0.37	0.37	0.62	0.50
Martin	0.87	2.24	2.11	2.36	1.86	1.86	0.75	0.75	0.50	0.50	1.24	0.75	0.87	0.87
Miami Dade	0.75	0.71	0.66	0.54	0.77	0.88	0.85	0.72	0.75	0.81	0.75	0.82	0.91	0.93
Monroe	0.27	0.27	0.27	0.54	0.54	0.27	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.54
Palm Beach	0.61	0.96	1.11	1.10	0.68	0.76	0.52	0.60	0.71	0.87	0.71	0.60	0.73	0.71



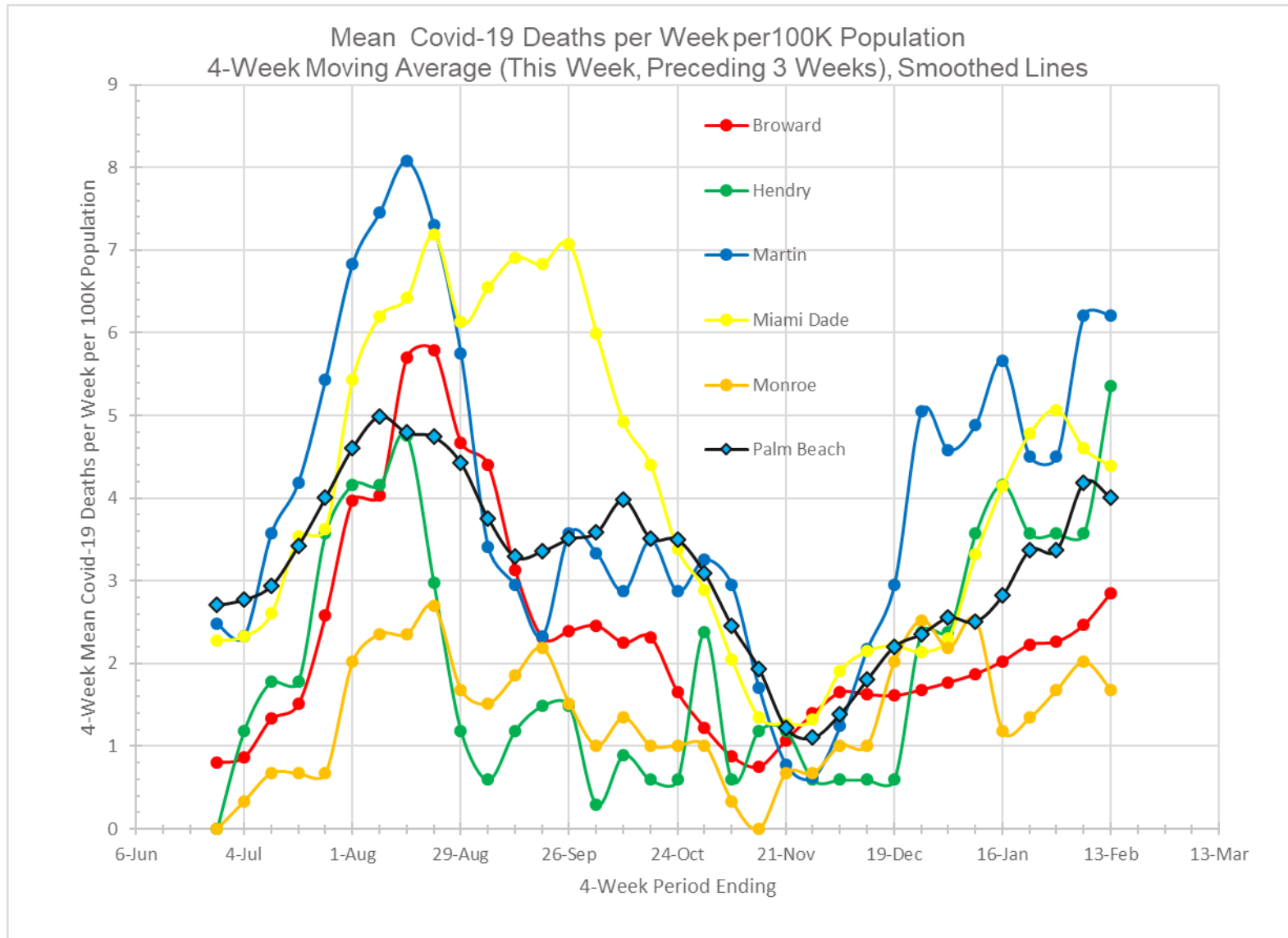
Covid-19 Deaths per Week						
Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06	25	0	4	63	0	35
2020-06-13	14	0	5	58	0	53
2020-06-20	15	0	2	58	0	39
2020-06-27	9	0	5	69	0	35
2020-07-04	30	2	3	68	1	39
2020-07-11	50	1	13	88	1	63
2020-07-18	29	0	6	159	0	68
2020-07-25	93	3	13	79	0	70
2020-08-01	138	3	12	265	5	75
2020-08-08	55	1	17	171	2	86
2020-08-15	159	1	10	183	0	56
2020-08-22	100	0	8	162	1	67
2020-08-29	51	0	2	150	2	56
2020-09-05	33.5	0	2	217	1.5	46
2020-09-12	60	2	7	222	1	28
2020-09-19	36.5	0.5	4	153.5	2	71
2020-09-26	57	0	10	176	0	65
2020-10-03	38.5	-2	0.5	100.5	0	50.5
2020-10-10	44	3	4	105	2	52
2020-10-17	41.5	0	8	97	1	43
2020-10-24	5	0	6	65	0	64
2020-10-31	5	1	3	47	0	26
2020-11-07	17	0	2	14	0	14
2020-11-14	32	1	0	21	0	12
2020-11-21	30	0	0	57	2	21
2020-11-28	30	0	2	52	0	19
2020-12-05	37	0	6	78	1	31
2020-12-12	30	1	6	47	0	37
2020-12-19	29	0	5	64	5	45
2020-12-26	35.5	3	15.5	44	1.5	28
2021-01-02	44	0	3	96	0	43
2021-01-09	38	3	8	157	1	34
2021-01-16	41	1	10	154	1	64
2021-01-23	51	2	8	113	2	61
2021-01-30	47	0	3	127	1	43
2021-02-06	54	3	19	106	2	83
2021-02-13	71	4	10	131	0	53



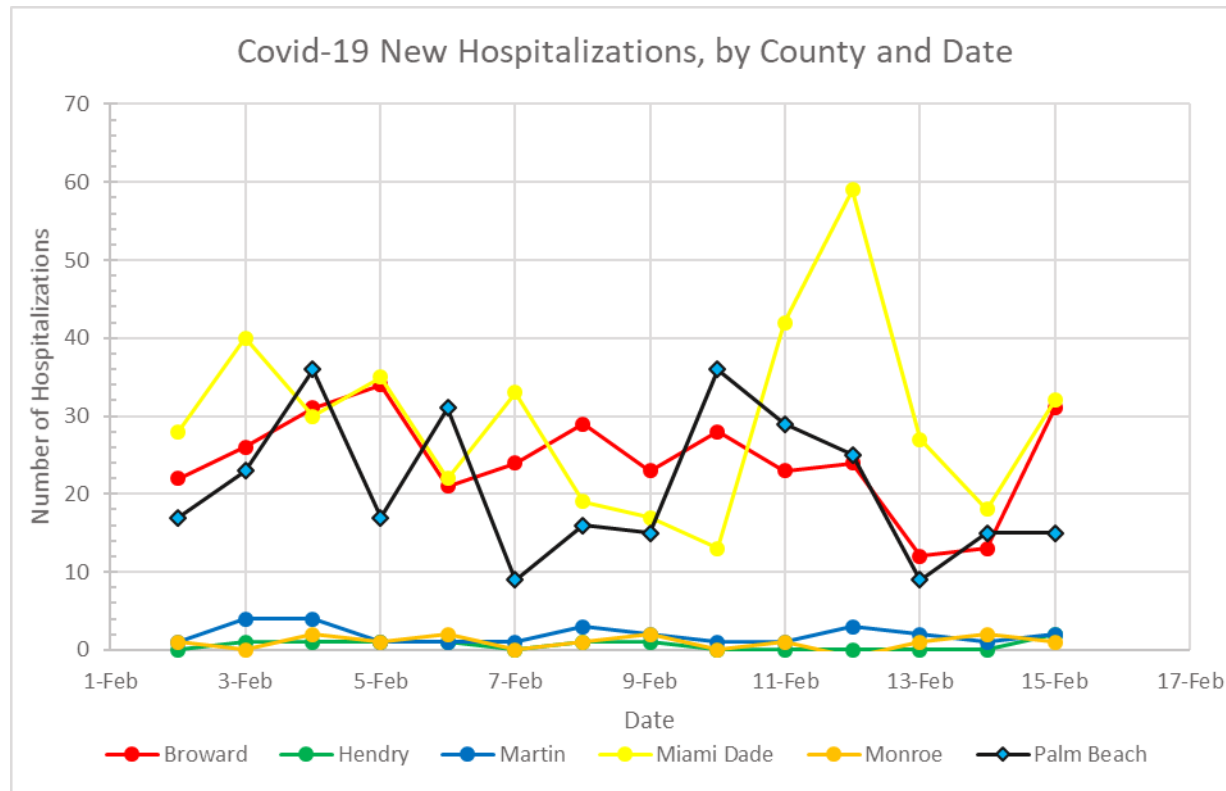
Covid-19 Deaths per Week per 100K Population, Computed from US Census Bureau 2019 Est. Populations and Deaths per Week						
Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06	1.28	0.00	2.48	2.32	0.00	2.34
2020-06-13	0.72	0.00	3.11	2.13	0.00	3.54
2020-06-20	0.77	0.00	1.24	2.13	0.00	2.61
2020-06-27	0.46	0.00	3.11	2.54	0.00	2.34
2020-07-04	1.54	4.76	1.86	2.50	1.35	2.61
2020-07-11	2.56	2.38	8.07	3.24	1.35	4.21
2020-07-18	1.49	0.00	3.73	5.85	0.00	4.54
2020-07-25	4.76	7.14	8.07	2.91	0.00	4.68
2020-08-01	7.07	7.14	7.45	9.75	6.74	5.01
2020-08-08	2.82	2.38	10.56	6.29	2.69	5.75
2020-08-15	8.14	2.38	6.21	6.74	0.00	3.74
2020-08-22	5.12	0.00	4.97	5.96	1.35	4.48
2020-08-29	2.61	0.00	1.24	5.52	2.69	3.74
2020-09-05	1.72	0.00	1.24	7.99	2.02	3.07
2020-09-12	3.07	4.76	4.35	8.17	1.35	1.87
2020-09-19	1.87	1.19	2.48	5.65	2.69	4.74
2020-09-26	2.92	0.00	6.21	6.48	0.00	4.34
2020-10-03	1.97	-4.76	0.31	3.70	0.00	3.37
2020-10-10	2.25	7.14	2.48	3.86	2.69	3.47
2020-10-17	2.13	0.00	4.97	3.57	1.35	2.87
2020-10-24	0.26	0.00	3.73	2.39	0.00	4.28
2020-10-31	0.26	2.38	1.86	1.73	0.00	1.74
2020-11-07	0.87	0.00	1.24	0.52	0.00	0.94
2020-11-14	1.64	2.38	0.00	0.77	0.00	0.80
2020-11-21	1.54	0.00	0.00	2.10	2.69	1.40
2020-11-28	1.54	0.00	1.24	1.91	0.00	1.27
2020-12-05	1.89	0.00	3.73	2.87	1.35	2.07
2020-12-12	1.54	2.38	3.73	1.73	0.00	2.47
2020-12-19	1.49	0.00	3.11	2.36	6.74	3.01
2020-12-26	1.82	7.14	9.63	1.62	2.02	1.87
2021-01-02	2.25	0.00	1.86	3.53	0.00	2.87
2021-01-09	1.95	7.14	4.97	5.78	1.35	2.27
2021-01-16	2.10	2.38	6.21	5.67	1.35	4.28
2021-01-23	2.61	4.76	4.97	4.16	2.69	4.08
2021-01-30	2.41	0.00	1.86	4.67	1.35	2.87
2021-02-06	2.77	7.14	11.80	3.90	2.69	5.55
2021-02-13	3.64	9.52	6.21	4.82	0.00	3.54



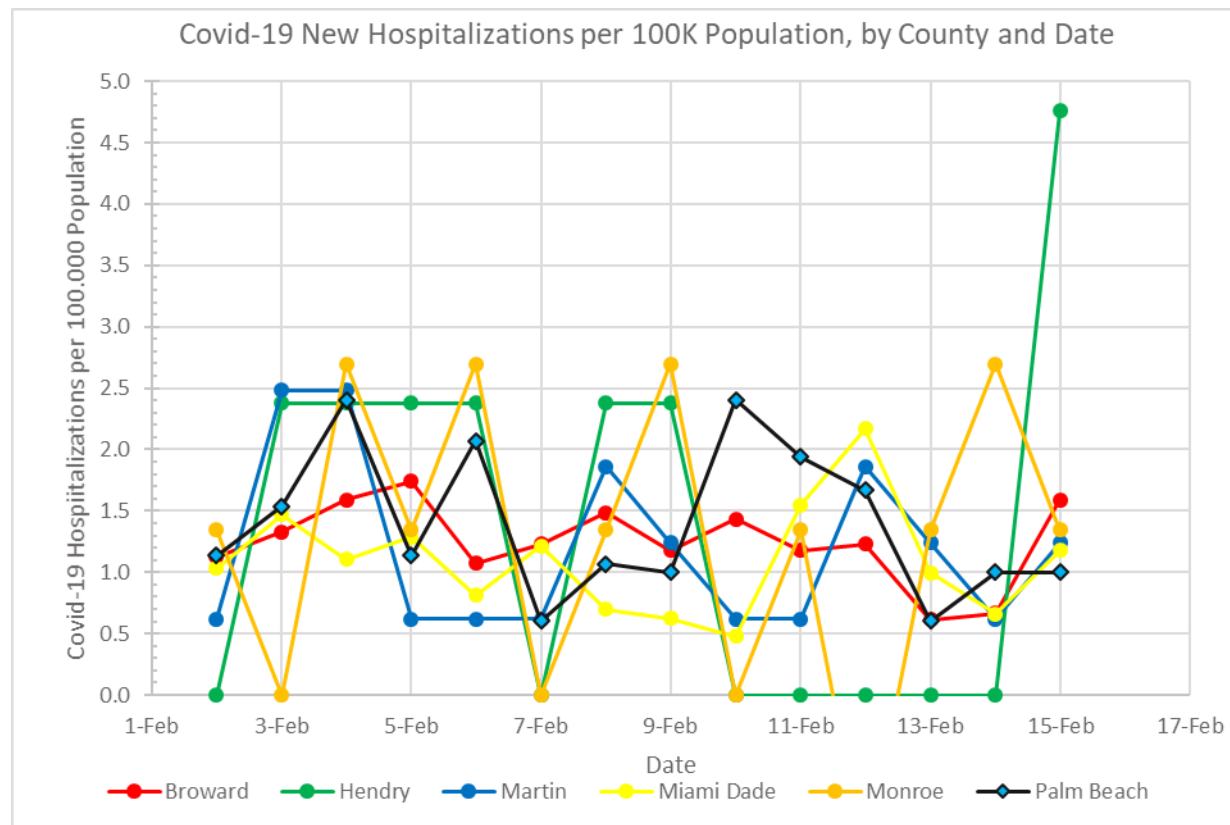
Mean Covid-19 Deaths per Week per 100K Population						
4-Week Moving Averages: This Week, Preceding 3 Weeks						
4-Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06						
2020-06-13						
2020-06-20						
2020-06-27	0.81	0.00	2.48	2.28	0.00	2.71
2020-07-04	0.87	1.19	2.33	2.33	0.34	2.77
2020-07-11	1.33	1.78	3.57	2.60	0.67	2.94
2020-07-18	1.51	1.78	4.19	3.53	0.67	3.42
2020-07-25	2.59	3.57	5.43	3.63	0.67	4.01
2020-08-01	3.97	4.16	6.83	5.44	2.02	4.61
2020-08-08	4.03	4.16	7.45	6.20	2.36	4.99
2020-08-15	5.70	4.76	8.07	6.42	2.36	4.79
2020-08-22	5.79	2.97	7.30	7.19	2.69	4.74
2020-08-29	4.67	1.19	5.75	6.13	1.68	4.43
2020-09-05	4.40	0.59	3.42	6.55	1.52	3.76
2020-09-12	3.13	1.19	2.95	6.91	1.85	3.29
2020-09-19	2.32	1.49	2.33	6.83	2.19	3.36
2020-09-26	2.39	1.49	3.57	7.07	1.52	3.51
2020-10-03	2.46	0.30	3.34	6.00	1.01	3.58
2020-10-10	2.25	0.89	2.87	4.92	1.35	3.98
2020-10-17	2.32	0.59	3.49	4.40	1.01	3.52
2020-10-24	1.65	0.59	2.87	3.38	1.01	3.50
2020-10-31	1.22	2.38	3.26	2.89	1.01	3.09
2020-11-07	0.88	0.59	2.95	2.05	0.34	2.46
2020-11-14	0.76	1.19	1.71	1.35	0.00	1.94
2020-11-21	1.08	1.19	0.78	1.28	0.67	1.22
2020-11-28	1.40	0.59	0.62	1.33	0.67	1.10
2020-12-05	1.65	0.59	1.24	1.91	1.01	1.39
2020-12-12	1.63	0.59	2.17	2.15	1.01	1.80
2020-12-19	1.61	0.59	2.95	2.22	2.02	2.20
2020-12-26	1.68	2.38	5.05	2.14	2.53	2.36
2021-01-02	1.77	2.38	4.58	2.31	2.19	2.56
2021-01-09	1.88	3.57	4.89	3.32	2.53	2.51
2021-01-16	2.03	4.16	5.67	4.15	1.18	2.82
2021-01-23	2.23	3.57	4.50	4.78	1.35	3.37
2021-01-30	2.27	3.57	4.50	5.07	1.68	3.37
2021-02-06	2.47	3.57	6.21	4.60	2.02	4.19
2021-02-13	2.85	5.35	6.21	4.39	1.68	4.01



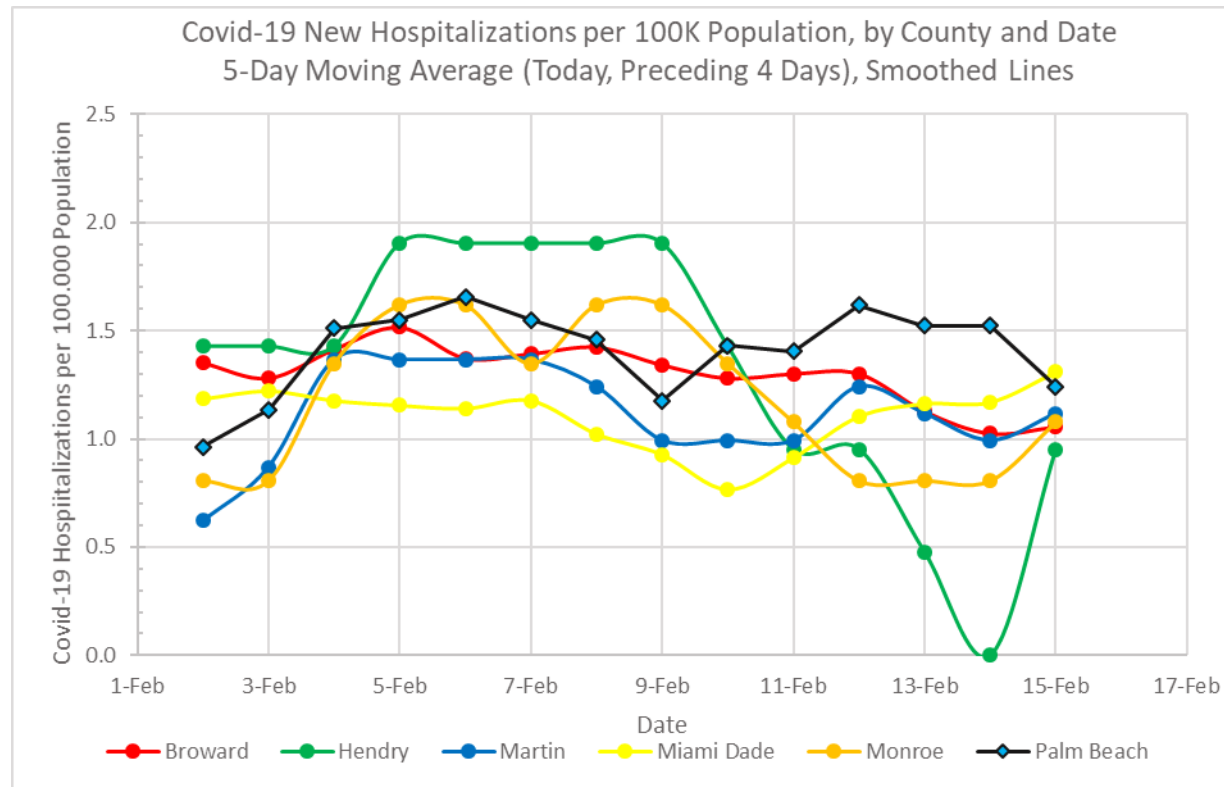
Covid-19 New Hospitalizations, by County and Date														
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
Broward	22	26	31	34	21	24	29	23	28	23	24	12	13	31
Hendry	0	1	1	1	1	0	1	1	0	0	0	0	0	2
Martin	1	4	4	1	1	1	3	2	1	1	3	2	1	2
Miami Dade	28	40	30	35	22	33	19	17	13	42	59	27	18	32
Monroe	1	0	2	1	2	0	1	2	0	1	-1	1	2	1
Palm Beach	17	23	36	17	31	9	16	15	36	29	25	9	15	15



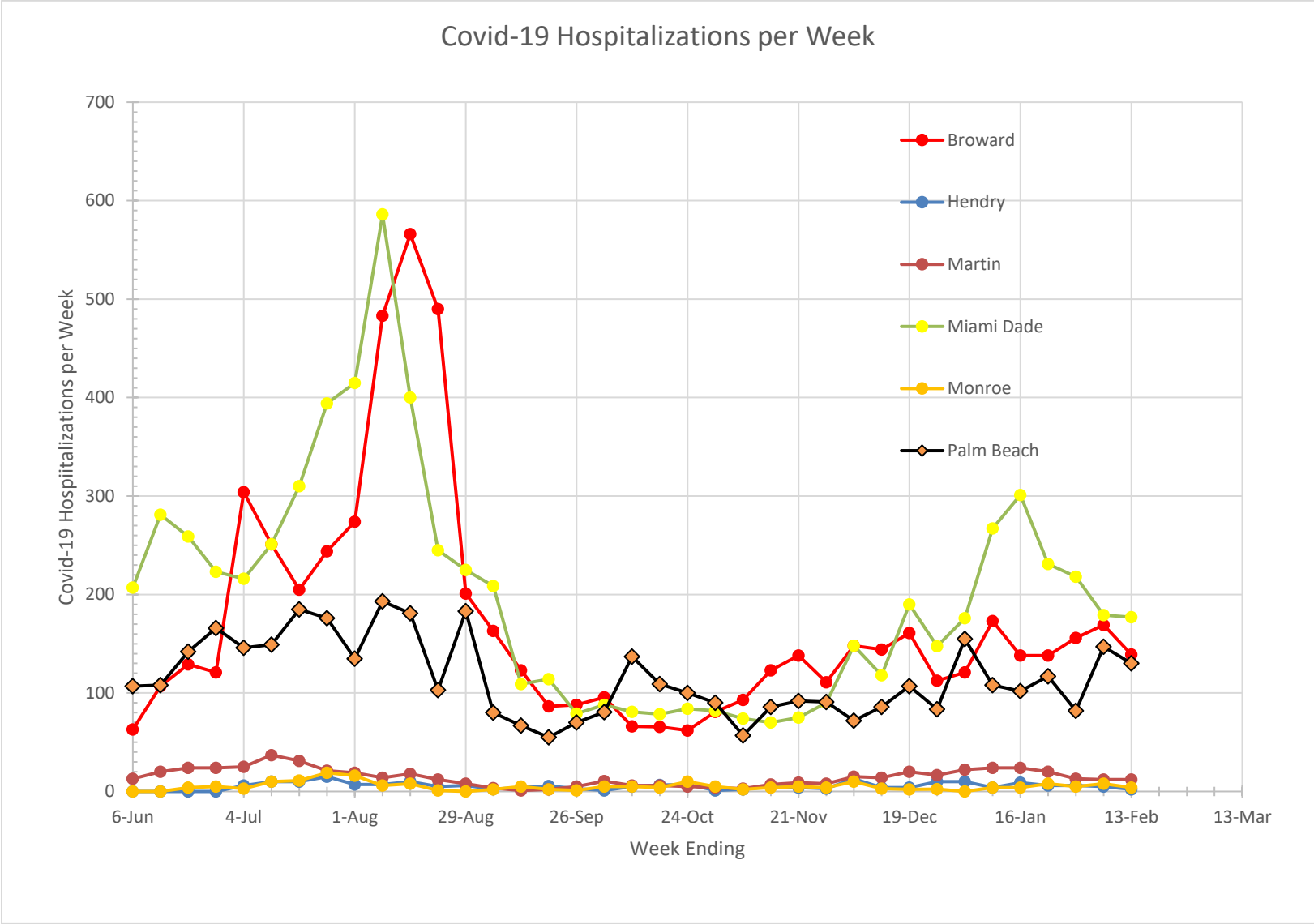
Covid-19 New Hospitalizations per 100K Population, by County and Date (Computed from US Census Bureau 2019 Est. Populations and Hospitalizations Table)														
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
Broward	1.13	1.33	1.59	1.74	1.08	1.23	1.49	1.18	1.43	1.18	1.23	0.61	0.67	1.59
Hendry	0.00	2.38	2.38	2.38	2.38	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	4.76
Martin	0.62	2.48	2.48	0.62	0.62	0.62	1.86	1.24	0.62	0.62	1.86	1.24	0.62	1.24
Miami Dade	1.03	1.47	1.10	1.29	0.81	1.21	0.70	0.63	0.48	1.55	2.17	0.99	0.66	1.18
Monroe	1.35	0.00	2.69	1.35	2.69	0.00	1.35	2.69	0.00	1.35	-1.35	1.35	2.69	1.35
Palm Beach	1.14	1.54	2.41	1.14	2.07	0.60	1.07	1.00	2.41	1.94	1.67	0.60	1.00	1.00



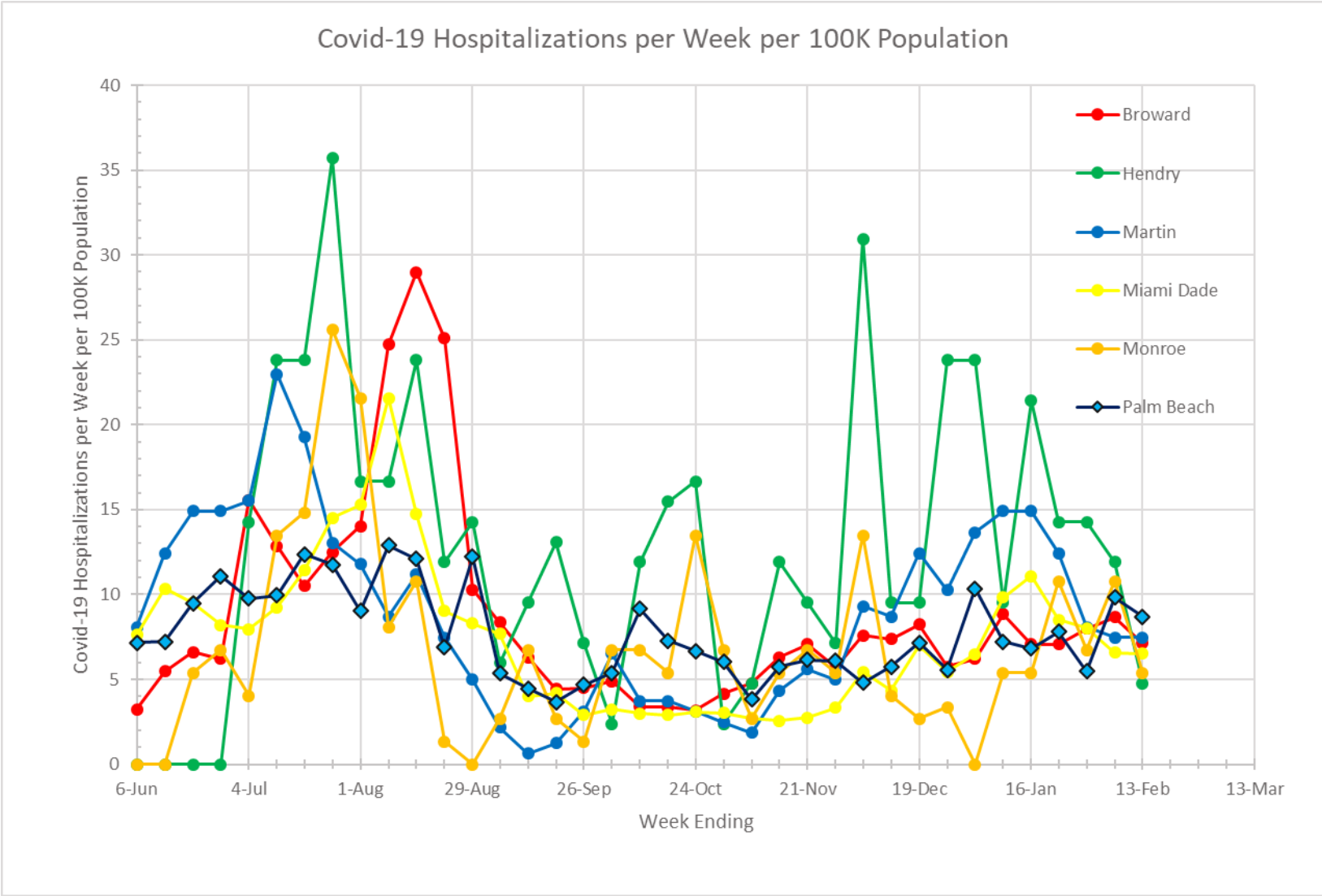
Covid-19 New Hospitalizations per 100K Population, by County and Date, 5-Day Moving Averages: Today, Preceding 4 Days, (Computed from New Cases per 100K Table)															
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	
Broward	1.35	1.28	1.41	1.52	1.37	1.39	1.42	1.34	1.28	1.30	1.30	1.13	1.02	1.05	
Hendry	1.43	1.43	1.43	1.90	1.90	1.90	1.90	1.90	1.43	0.95	0.95	0.48	0.00	0.95	
Martin	0.62	0.87	1.37	1.37	1.37	1.37	1.24	0.99	0.99	0.99	1.24	1.12	0.99	1.12	
Miami Dade	1.19	1.22	1.18	1.16	1.14	1.18	1.02	0.93	0.77	0.91	1.10	1.16	1.17	1.31	
Monroe	0.81	0.81	1.35	1.62	1.62	1.35	1.62	1.62	1.35	1.08	0.81	0.81	0.81	1.08	
Palm Beach	0.96	1.14	1.51	1.55	1.66	1.55	1.46	1.18	1.43	1.40	1.62	1.52	1.52	1.24	



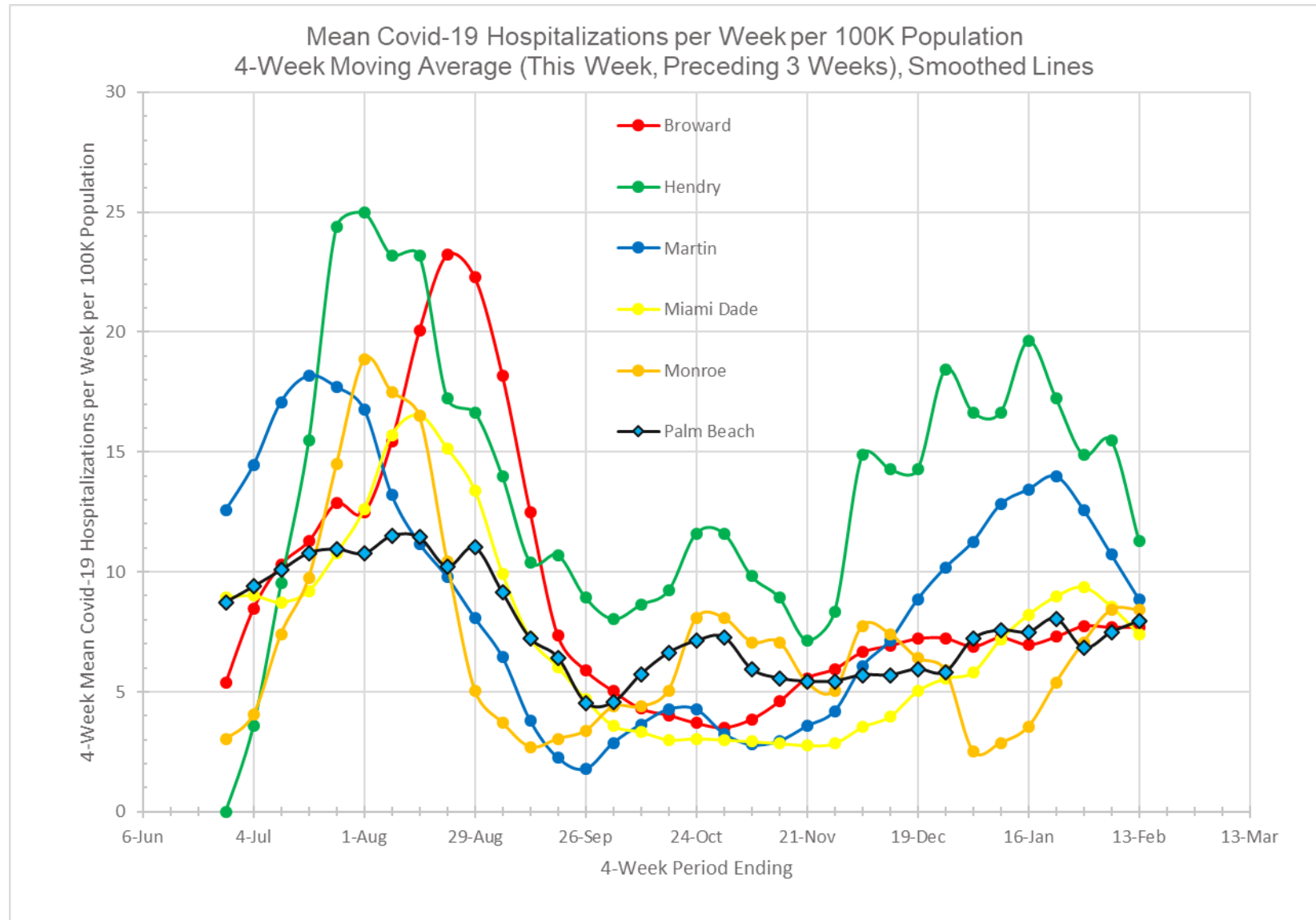
Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06	63	0	13	207	0	107
2020-06-13	107	0	20	281	0	108
2020-06-20	129	0	24	259	4	142
2020-06-27	121	0	24	223	5	166
2020-07-04	304	6	25	216	3	146
2020-07-11	251	10	37	251	10	149
2020-07-18	205	10	31	310	11	185
2020-07-25	244	15	21	394	19	176
2020-08-01	274	7	19	415	16	135
2020-08-08	483	7	14	586	6	193
2020-08-15	566	10	18	400	8	181
2020-08-22	490	5	12	245	1	103
2020-08-29	201	6	8	225	0	183
2020-09-05	163	2.5	3.5	208.5	2	80
2020-09-12	123	4	1	109	5	67
2020-09-19	86.5	5.5	2	114	2	55
2020-09-26	88	3	5	79	1	70
2020-10-03	95.5	1	10.5	88	5	80.5
2020-10-10	66	5	6	81	5	137
2020-10-17	65.5	6.5	6	78.5	4	109
2020-10-24	62	7	5	84	10	100
2020-10-31	81	1	4	82	5	90
2020-11-07	93	2	3	74	2	57
2020-11-14	123	5	7	70	4	86
2020-11-21	138	4	9	75	5	92
2020-11-28	111	3	8	90	4	91
2020-12-05	148	13	15	148	10	72
2020-12-12	144	4	14	118	3	86
2020-12-19	161	4	20	190	2	107
2020-12-26	112.5	10	16.5	147.5	2.5	83.5
2021-01-02	121	10	22	176	0	155
2021-01-09	173	4	24	267	4	108
2021-01-16	138	9	24	301	4	102
2021-01-23	138	6	20	231	8	117
2021-01-30	156	6	13	218	5	82
2021-02-06	169	5	12	179	8	147
2021-02-13	139	2	12	177	4	130



Covid-19 Hospitalizations per Week per 100K Population						
Computed from US Census Bureau 2019 Estimated Populations						
	and Hospitalizations/Week					
Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06	3.23	0.00	8.07	7.62	0.00	7.15
2020-06-13	5.48	0.00	12.42	10.34	0.00	7.22
2020-06-20	6.61	0.00	14.91	9.53	5.39	9.49
2020-06-27	6.20	0.00	14.91	8.21	6.74	11.09
2020-07-04	15.57	14.28	15.53	7.95	4.04	9.75
2020-07-11	12.85	23.80	22.98	9.24	13.47	9.95
2020-07-18	10.50	23.80	19.25	11.41	14.82	12.36
2020-07-25	12.50	35.70	13.04	14.50	25.60	11.76
2020-08-01	14.03	16.66	11.80	15.27	21.56	9.02
2020-08-08	24.73	16.66	8.70	21.57	8.08	12.89
2020-08-15	28.98	23.80	11.18	14.72	10.78	12.09
2020-08-22	25.09	11.90	7.45	9.02	1.35	6.88
2020-08-29	10.29	14.28	4.97	8.28	0.00	12.23
2020-09-05	8.35	5.95	2.17	7.67	2.69	5.34
2020-09-12	6.30	9.52	0.62	4.01	6.74	4.48
2020-09-19	4.43	13.09	1.24	4.20	2.69	3.67
2020-09-26	4.51	7.14	3.11	2.91	1.35	4.68
2020-10-03	4.89	2.38	6.52	3.24	6.74	5.38
2020-10-10	3.38	11.90	3.73	2.98	6.74	9.15
2020-10-17	3.35	15.47	3.73	2.89	5.39	7.28
2020-10-24	3.17	16.66	3.11	3.09	13.47	6.68
2020-10-31	4.15	2.38	2.48	3.02	6.74	6.01
2020-11-07	4.76	4.76	1.86	2.72	2.69	3.81
2020-11-14	6.30	11.90	4.35	2.58	5.39	5.75
2020-11-21	7.07	9.52	5.59	2.76	6.74	6.15
2020-11-28	5.68	7.14	4.97	3.31	5.39	6.08
2020-12-05	7.58	30.94	9.32	5.45	13.47	4.81
2020-12-12	7.37	9.52	8.70	4.34	4.04	5.75
2020-12-19	8.24	9.52	12.42	6.99	2.69	7.15
2020-12-26	5.76	23.80	10.25	5.43	3.37	5.58
2021-01-02	6.20	23.80	13.66	6.48	0.00	10.36
2021-01-09	8.86	9.52	14.91	9.83	5.39	7.22
2021-01-16	7.07	21.42	14.91	11.08	5.39	6.81
2021-01-23	7.07	14.28	12.42	8.50	10.78	7.82
2021-01-30	7.99	14.28	8.07	8.02	6.74	5.48
2021-02-06	8.65	11.90	7.45	6.59	10.78	9.82
2021-02-13	7.12	4.76	7.45	6.51	5.39	8.69

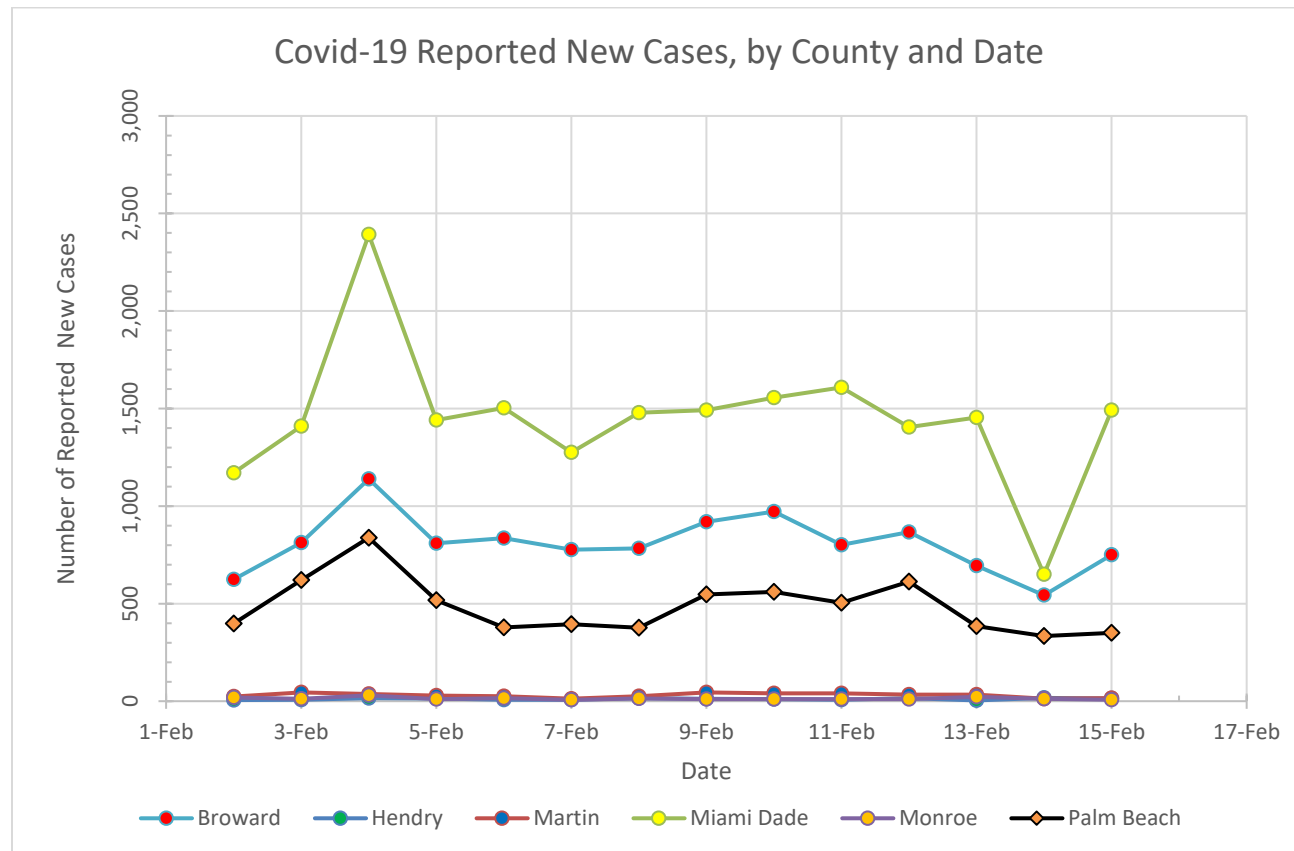


Mean Covid-19 Hospitalizations per Week per 100K Population						
4- Week Moving Averages: This Week, Preceding 3 Weeks						
4-Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06						
2020-06-13						
2020-06-20						
2020-06-27	5.38	0.00	12.58	8.93	3.03	8.74
2020-07-04	8.46	3.57	14.44	9.01	4.04	9.39
2020-07-11	10.31	9.52	17.08	8.73	7.41	10.07
2020-07-18	11.28	15.47	18.17	9.20	9.77	10.79
2020-07-25	12.85	24.39	17.70	10.77	14.48	10.96
2020-08-01	12.47	24.99	16.77	12.61	18.86	10.77
2020-08-08	15.44	23.20	13.20	15.69	17.51	11.51
2020-08-15	20.06	23.20	11.18	16.52	16.50	11.44
2020-08-22	23.21	17.25	9.78	15.15	10.44	10.22
2020-08-29	22.28	16.66	8.07	13.40	5.05	11.02
2020-09-05	18.18	13.98	6.44	9.92	3.70	9.14
2020-09-12	12.51	10.41	3.80	7.25	2.69	7.23
2020-09-19	7.34	10.71	2.25	6.04	3.03	6.43
2020-09-26	5.90	8.92	1.79	4.70	3.37	4.54
2020-10-03	5.03	8.03	2.87	3.59	4.38	4.55
2020-10-10	4.30	8.63	3.65	3.33	4.38	5.72
2020-10-17	4.03	9.22	4.27	3.00	5.05	6.62
2020-10-24	3.70	11.60	4.27	3.05	8.08	7.12
2020-10-31	3.51	11.60	3.26	3.00	8.08	7.28
2020-11-07	3.86	9.82	2.80	2.93	7.07	5.95
2020-11-14	4.60	8.92	2.95	2.85	7.07	5.56
2020-11-21	5.57	7.14	3.57	2.77	5.39	5.43
2020-11-28	5.95	8.33	4.19	2.84	5.05	5.45
2020-12-05	6.66	14.87	6.06	3.52	7.75	5.70
2020-12-12	6.93	14.28	7.14	3.97	7.41	5.70
2020-12-19	7.22	14.28	8.85	5.02	6.40	5.95
2020-12-26	7.24	18.44	10.17	5.55	5.89	5.82
2021-01-02	6.89	16.66	11.26	5.81	2.53	7.21
2021-01-09	7.27	16.66	12.81	7.18	2.86	7.57
2021-01-16	6.97	19.63	13.43	8.20	3.54	7.49
2021-01-23	7.30	17.25	13.98	8.97	5.39	8.05
2021-01-30	7.75	14.87	12.58	9.36	7.07	6.83
2021-02-06	7.69	15.47	10.71	8.55	8.42	7.48
2021-02-13	7.71	11.30	8.85	7.41	8.42	7.95

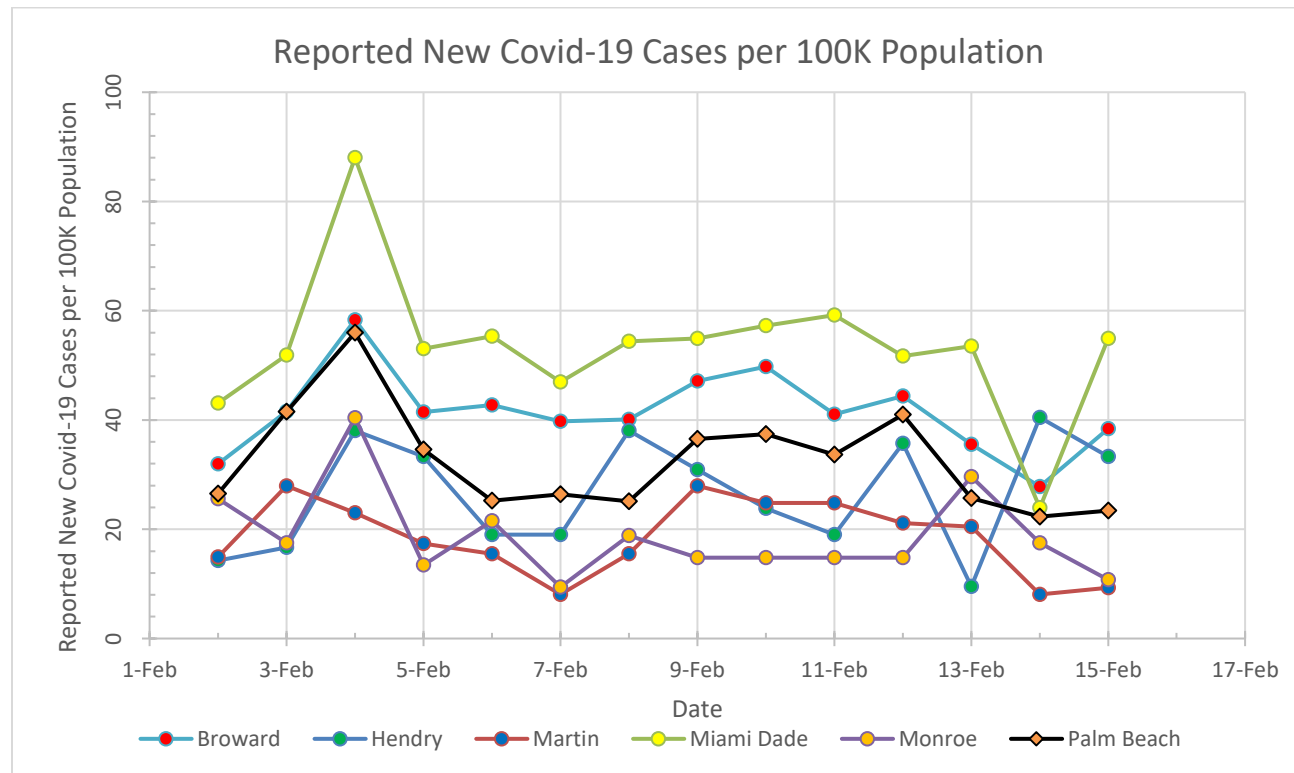


Covid-19 Reported New Cases, by County and Date

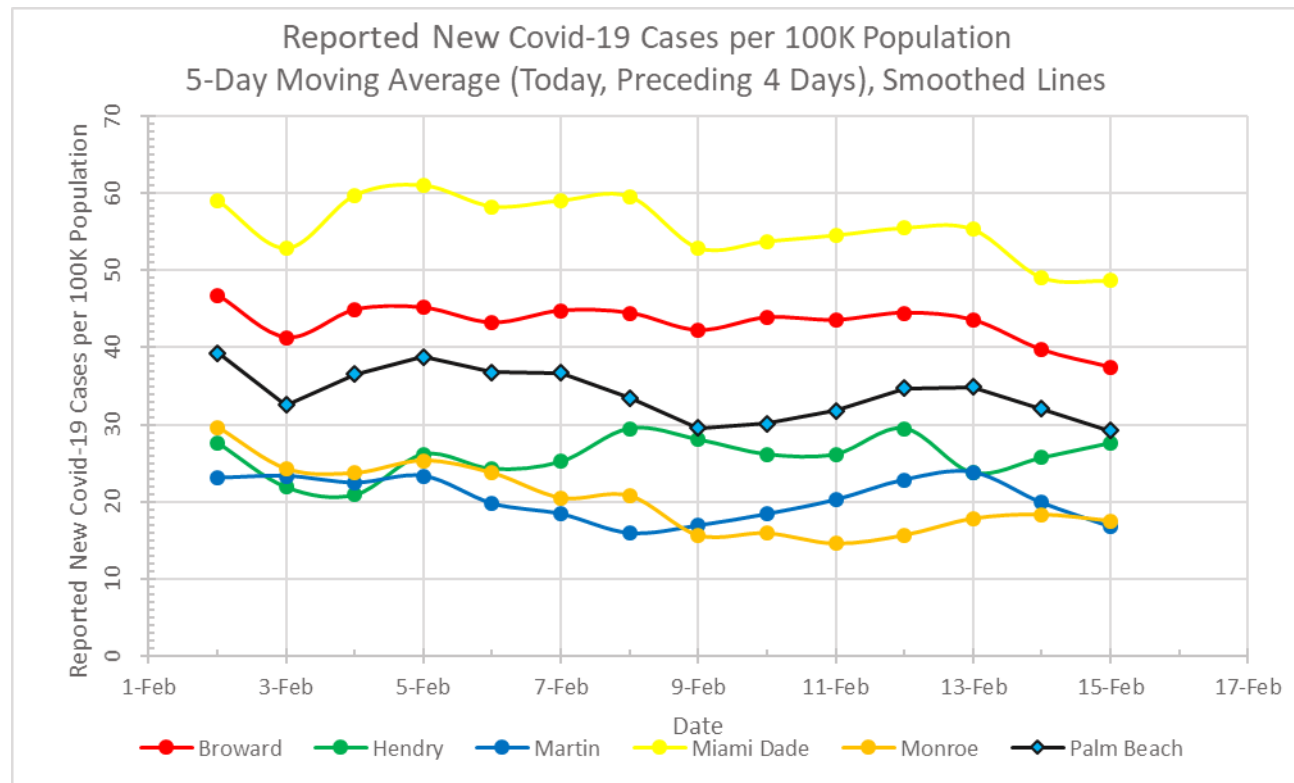
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
Broward	624	812	1,139	810	835	776	783	920	972	802	867	694	543	750
Hendry	6	7	16	14	8	8	16	13	10	8	15	4	17	14
Martin	24	45	37	28	25	13	25	45	40	40	34	33	13	15
Miami Dade	1,171	1,410	2,392	1,441	1,503	1,276	1,478	1,492	1,556	1,609	1,405	1,454	650	1,492
Monroe	19	13	30	10	16	7	14	11	11	11	11	22	13	8
Palm Beach	397	621	838	518	378	395	376	547	560	504	613	385	334	350



Reported New Covid-19 Cases per 100,000 Population, by County and Date (Computed from US Census Bureau 2019 Est. Populations and New Cases Table)														
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
Broward	32	42	58	41	43	40	40	47	50	41	44	36	28	38
Hendry	14	17	38	33	19	19	38	31	24	19	36	10	40	33
Martin	15	28	23	17	16	8	16	28	25	25	21	20	8	9
Miami Dade	43	52	88	53	55	47	54	55	57	59	52	54	24	55
Monroe	26	18	40	13	22	9	19	15	15	15	15	30	18	11
Palm Beach	27	41	56	35	25	26	25	37	37	34	41	26	22	23

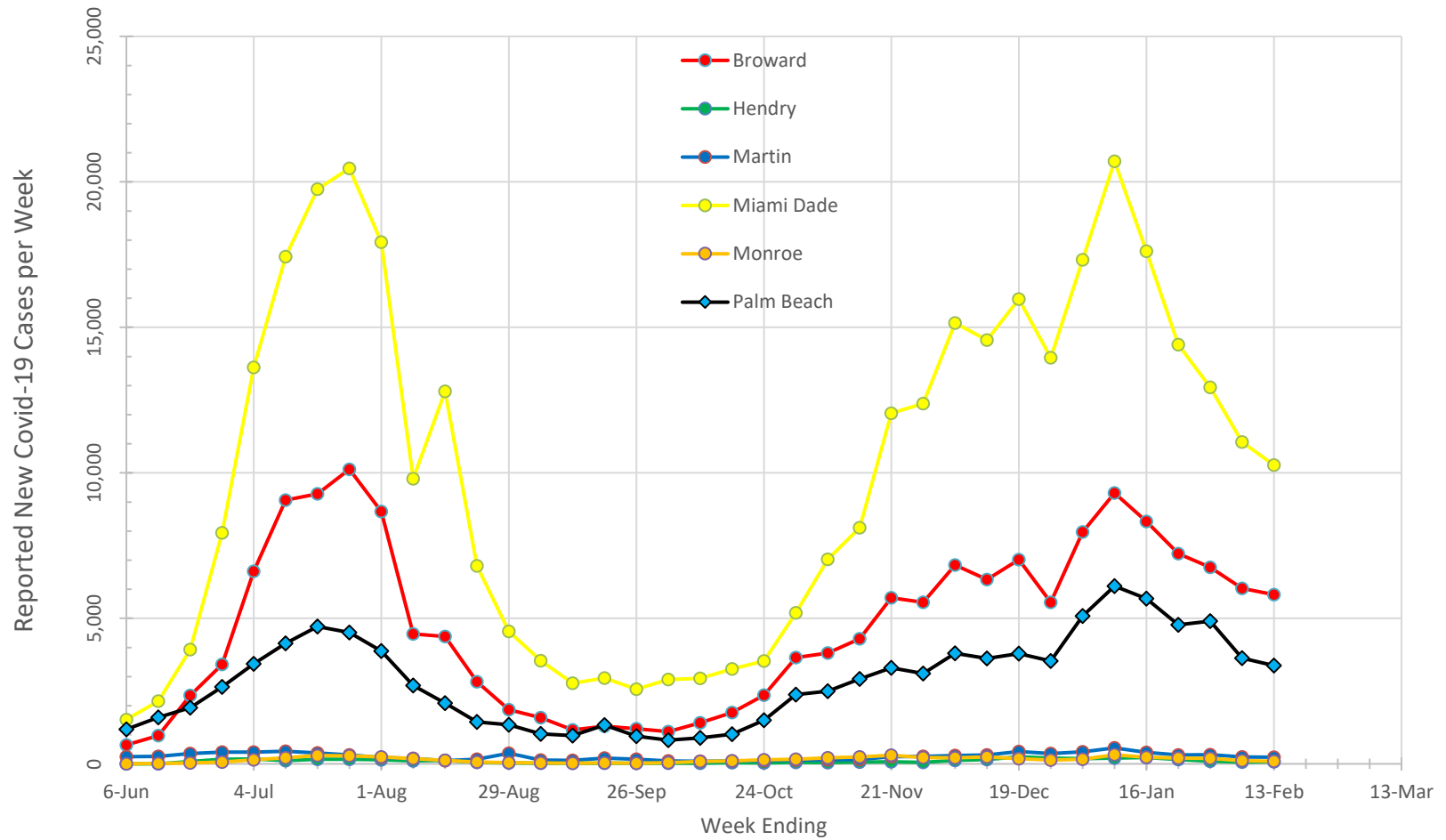


Covid-19 New Cases per 100,000 Population, by County and Date, 5-Day Moving Averages: Today, Preceding 4 Days (Computed from New Cases per 100,000 Table)														
Date	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
Broward	47	41	45	45	43	45	44	42	44	44	44	44	40	37
Hendry	28	22	21	26	24	25	30	28	26	26	30	24	26	28
Martin	23	23	22	23	20	18	16	17	18	20	23	24	20	17
Miami Dade	59	53	60	61	58	59	60	53	54	55	56	55	49	49
Monroe	30	24	24	25	24	20	21	16	16	15	16	18	18	18
Palm Beach	39	33	37	39	37	37	33	30	30	32	35	35	32	29



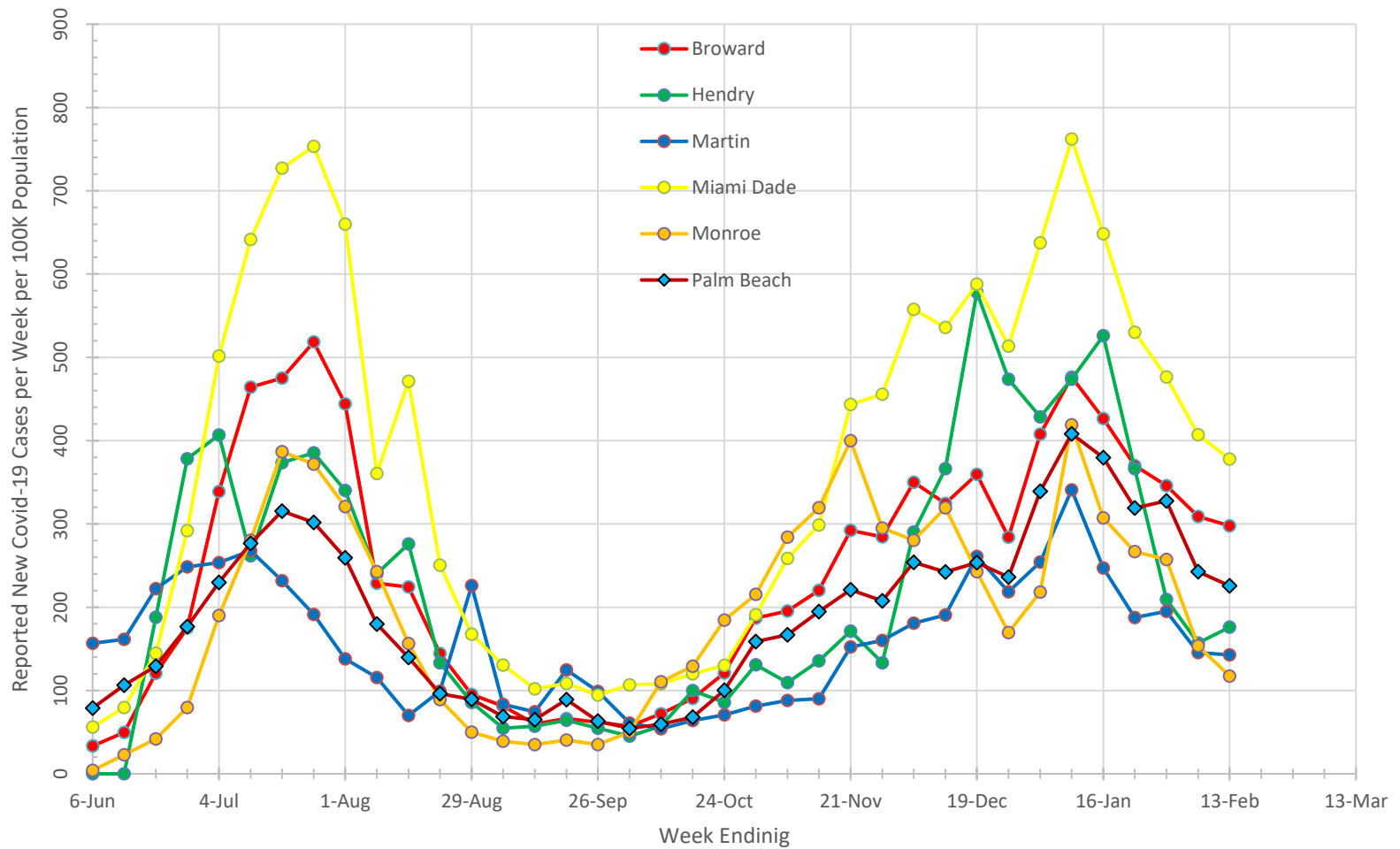
Reported New Covid-19 Cases per Week						
Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06	651	0	252	1523	3	1182
2020-06-13	969	0	260	2157	17	1595
2020-06-20	2354	79	358	3931	31	1935
2020-06-27	3416	159	400	7934	59	2646
2020-07-04	6619	171	408	13625	141	3440
2020-07-11	9066	110	431	17430	208	4138
2020-07-18	9280	157	373	19754	287	4718
2020-07-25	10123	162	308	20464	276	4516
2020-08-01	8672	143	222	17932	238	3882
2020-08-08	4464	101	186	9795	180	2691
2020-08-15	4381	116	113	12801	116	2089
2020-08-22	2822	56	160	6803	66	1441
2020-08-29	1860	36	364	4551	37	1339
2020-09-05	1590	23	134	3546	29	1029
2020-09-12	1171	24	120	2768	26	971
2020-09-19	1292	27	201	2946	30	1332
2020-09-26	1206	23	159	2566	26	947
2020-10-03	1113	19	98	2897	37	816
2020-10-10	1410	24	87	2937	82	893
2020-10-17	1763	42	103	3262	96	1019
2020-10-24	2362	36	114	3537	137	1499
2020-10-31	3651	55	131	5192	160	2377
2020-11-07	3813	46	142	7029	211	2497
2020-11-14	4300	57	145	8119	237	2917
2020-11-21	5707	72	245	12050	297	3305
2020-11-28	5552	56	258	12377	219	3107
2020-12-05	6834	122	291	15151	208	3799
2020-12-12	6337	154	307	14560	237	3627
2020-12-19	7020	243	420	15976	180	3794
2020-12-26	5551	199	352	13954	126	3533
2021-01-02	7966	180	409	17320	162	5078
2021-01-09	9306	199	549	20711	311	6110
2021-01-16	8327	221	398	17615	228	5679
2021-01-23	7226	154	302	14405	198	4776
2021-01-30	6754	88	314	12941	191	4901
2021-02-06	6029	66	234	11060	114	3630
2021-02-13	5814	74	230	10270	87	3380

Reported New Covid-19 Cases per Week



Reported New Covid-19 Cases per Week per 100K Population						
Computed from US Census Bureau 2019 Est. Populations						
	and Reported New Covid-19 Cases					
Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06	33	0	157	56	4	79
2020-06-13	50	0	161	79	23	107
2020-06-20	121	188	222	145	42	129
2020-06-27	175	378	248	292	79	177
2020-07-04	339	407	253	501	190	230
2020-07-11	464	262	268	642	280	276
2020-07-18	475	374	232	727	387	315
2020-07-25	518	386	191	753	372	302
2020-08-01	444	340	138	660	321	259
2020-08-08	229	240	116	361	242	180
2020-08-15	224	276	70	471	156	140
2020-08-22	145	133	99	250	89	96
2020-08-29	95	86	226	168	50	89
2020-09-05	81	55	83	131	39	69
2020-09-12	60	57	75	102	35	65
2020-09-19	66	64	125	108	40	89
2020-09-26	62	55	99	94	35	63
2020-10-03	57	45	61	107	50	55
2020-10-10	72	57	54	108	110	60
2020-10-17	90	100	64	120	129	68
2020-10-24	121	86	71	130	185	100
2020-10-31	187	131	81	191	216	159
2020-11-07	195	109	88	259	284	167
2020-11-14	220	136	90	299	319	195
2020-11-21	292	171	152	444	400	221
2020-11-28	284	133	160	456	295	208
2020-12-05	350	290	181	558	280	254
2020-12-12	325	366	191	536	319	242
2020-12-19	359	578	261	588	242	253
2020-12-26	284	474	219	514	170	236
2021-01-02	408	428	254	637	218	339
2021-01-09	477	474	341	762	419	408
2021-01-16	426	526	247	648	307	379
2021-01-23	370	366	188	530	267	319
2021-01-30	346	209	195	476	257	327
2021-02-06	309	157	145	407	154	243
2021-02-13	298	176	143	378	117	226

Reported New Covid-19 Cases per Week per 100K Population



Mean Reported New Covid-19 Cases per Week per 100K Population						
4-Week Moving Averages: This Week, Preceding 3 Weeks						
4-Week End	Broward	Hendry	Martin	Miami Dade	Monroe	Palm Beach
2020-06-06						
2020-06-13						
2020-06-20						
2020-06-27	95	142	197	143	37	123
2020-07-04	171	243	221	254	84	161
2020-07-11	275	309	248	395	148	203
2020-07-18	363	355	250	541	234	250
2020-07-25	449	357	236	656	307	281
2020-08-01	475	340	207	695	340	288
2020-08-08	417	335	169	625	330	264
2020-08-15	354	311	129	561	273	220
2020-08-22	260	247	106	436	202	169
2020-08-29	173	184	128	312	134	126
2020-09-05	136	137	120	255	84	99
2020-09-12	95	83	121	163	53	80
2020-09-19	76	65	127	127	41	78
2020-09-26	67	58	95	109	37	71
2020-10-03	61	55	90	103	40	68
2020-10-10	64	55	85	104	59	67
2020-10-17	70	64	69	107	81	61
2020-10-24	85	72	62	116	119	71
2020-10-31	118	93	68	137	160	97
2020-11-07	148	106	76	175	203	123
2020-11-14	181	115	83	220	251	155
2020-11-21	224	137	103	298	305	185
2020-11-28	248	137	123	364	325	198
2020-12-05	287	183	146	439	324	219
2020-12-12	313	240	171	498	324	231
2020-12-19	330	342	198	534	284	239
2020-12-26	330	427	213	549	253	246
2021-01-02	344	462	231	569	237	268
2021-01-09	382	488	269	625	262	309
2021-01-16	399	475	265	640	279	341
2021-01-23	420	449	257	645	303	361
2021-01-30	405	394	243	604	313	359
2021-02-06	363	315	194	515	246	317
2021-02-13	331	227	168	448	199	279

Reported New Covid-19 Cases per 100K Population
4-Week Moving Average (This Week, Preceding 3 Weeks), Smoothed Lines

