

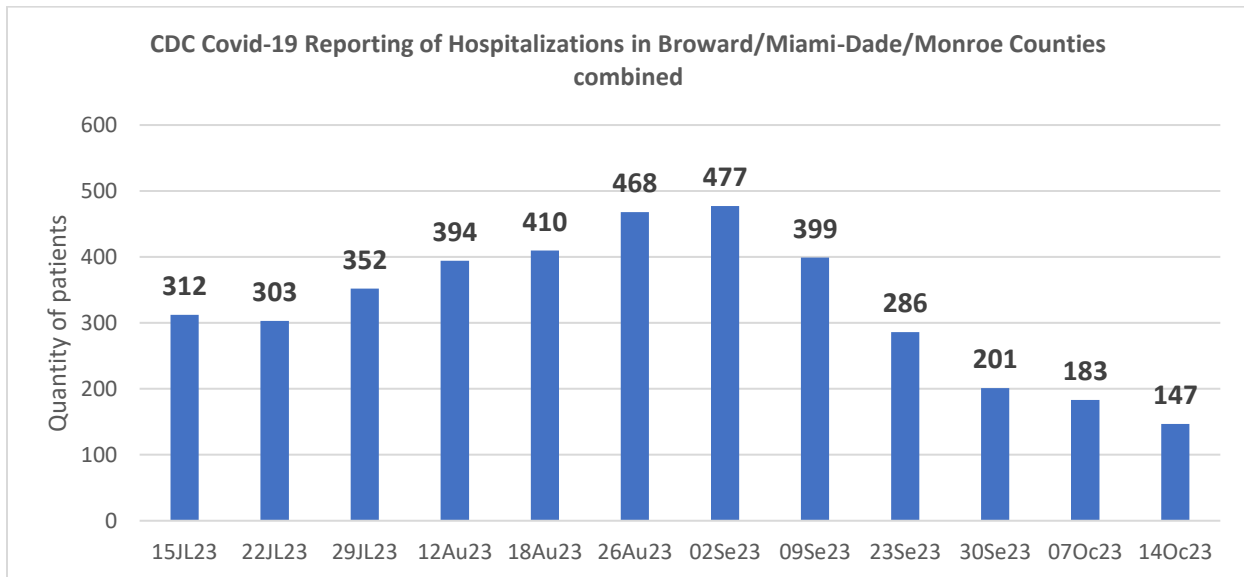
City of Key Colony Beach

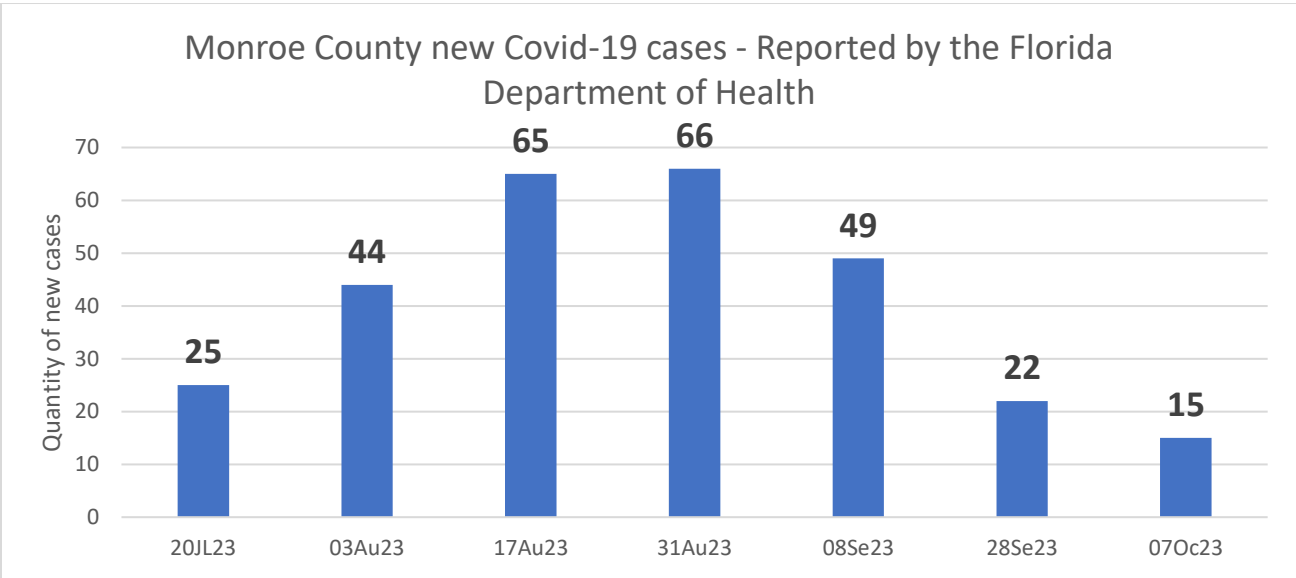
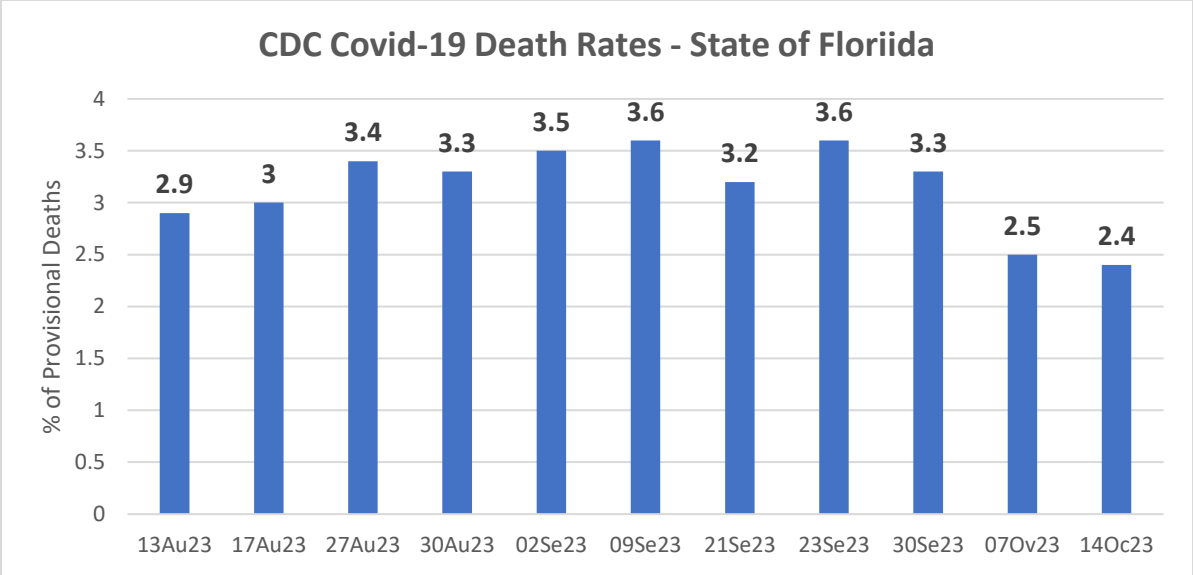
Wastewater Sampling Update for Concern Virus's – October 23, 2023

✓ SARS-CoV-2 Virus – Covid -19

○ General overview data from CDC and Florida Dept of Health websites:

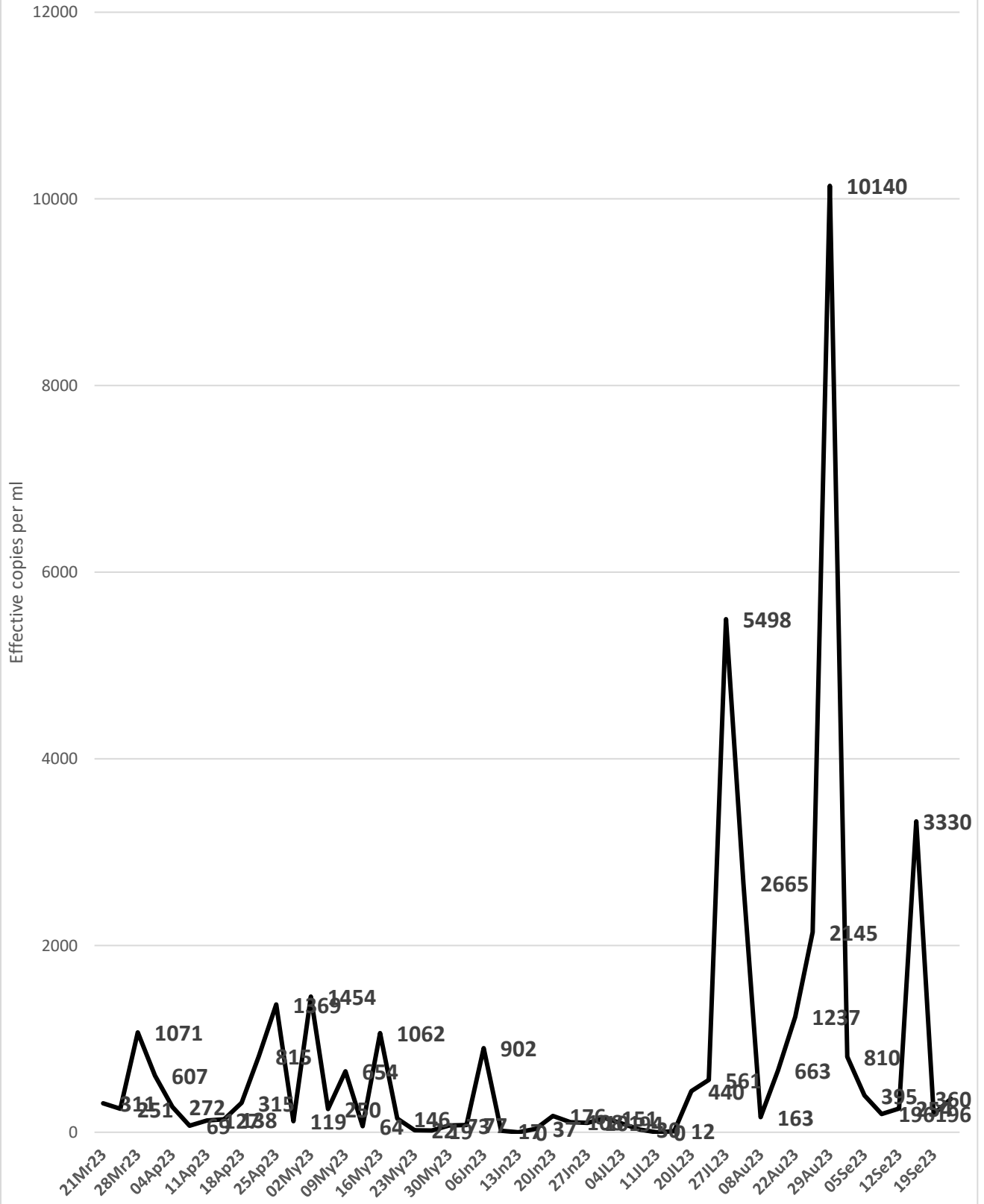
- CDC Hospitalizations Summary – 147 cases, -22.6 % decrease (Broward, Miami-Dade, and Monroe County data together, data through 14Oc23).
- CDC Death rates due to Covid-19 in the last week for Florida, 2.4%, a 4% decrease from last week (data through 14Oc23)
- Florida Department of Health Weekly Situation Report (data for week 06Oc23 – 12Oc23). Starting in November, more frequent updates will be available. **No new data this week, Florida Report published every two weeks:**
 - Overall State of Florida – 6,380 new cases (decreasing)
 - Monroe County - 15 new cases (decreasing)
 - Dade County – 725 new cases (decreasing)
 - Broward County – 440 new cases (decreasing)





- ✓ Specific data for Key Colony Beach- wastewater sampling (data through 26Se23):
 - Total KCB specific wastewater samples collected and analyzed to date - 50.
 - KCB has no updates this week, due to awaiting a new contractor sample kits.

Key Colony Beach Effective SARS-CoV-2 Virus Concentration



- ✓ Mpox virus (Monkeypox) virus in Wastewater samples:
 - KCB specific samples to-date have shown no detection of the Mpox virus for Key Colony Beach
- ✓ Update on status for the overall CDC funding to support wastewater sampling program:
 - CDC has announced a new contract with Verily Life Sciences LLC.
 - The onboarding process is complete with the new contractor, Verily.
 - Sample kits expected to arrive this week to re-start sampling.
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Summary Report by Tom Harding, based on Biobot/CDC/State of Florida data through 22Oc23.