

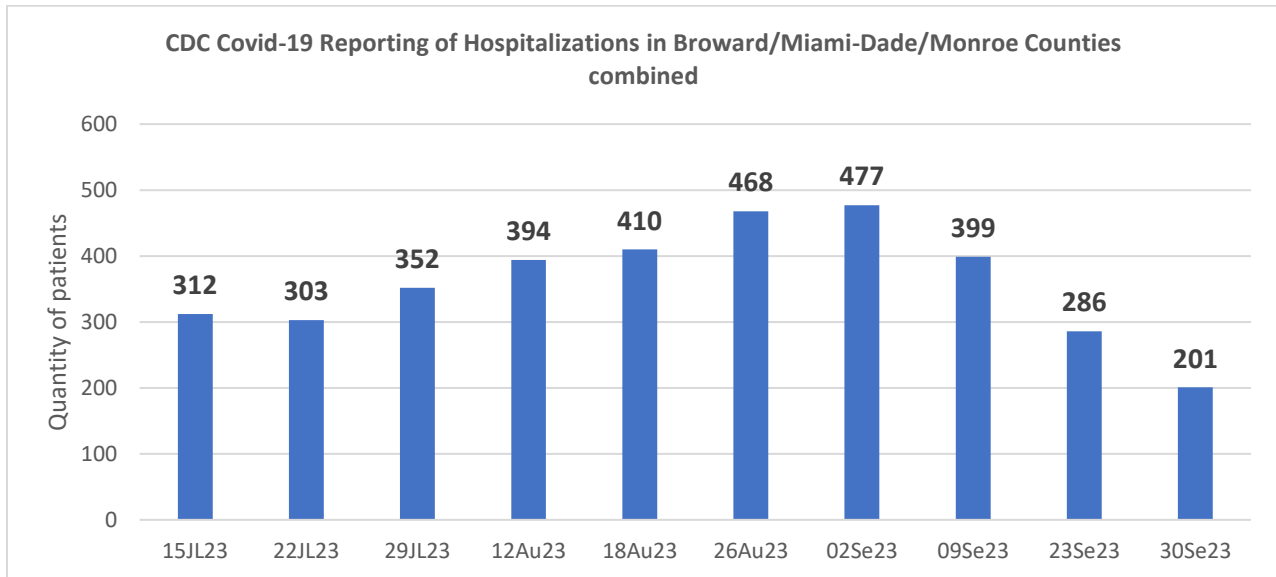
City of Key Colony Beach

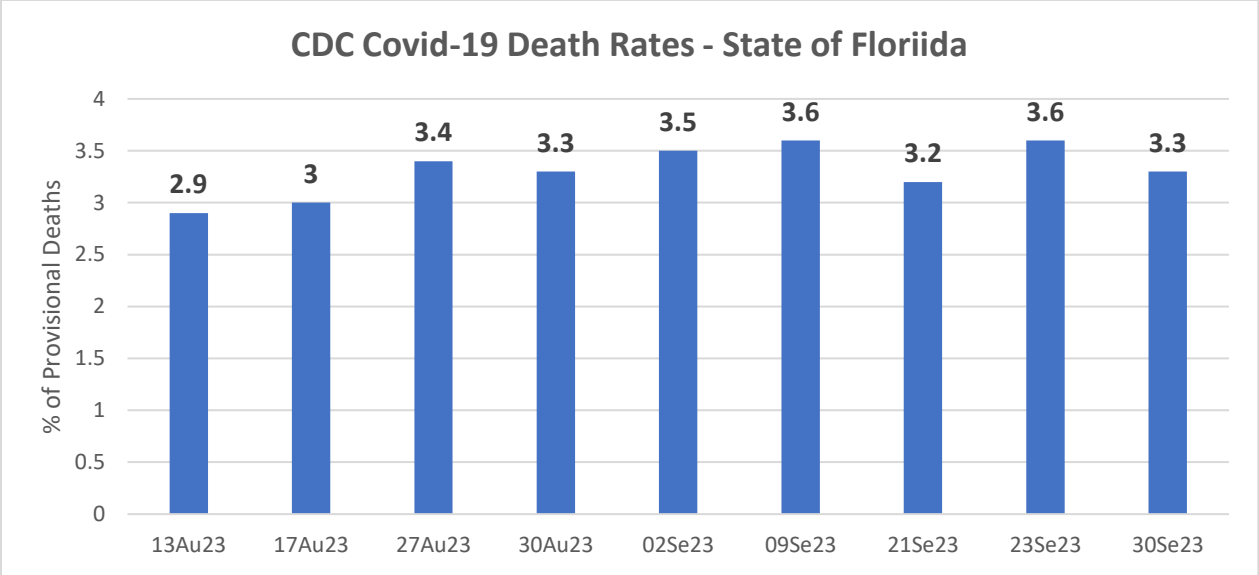
Wastewater Sampling Update for Concern Virus's – October 09, 2023

✓ SARS-CoV-2 Virus – Covid -19

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

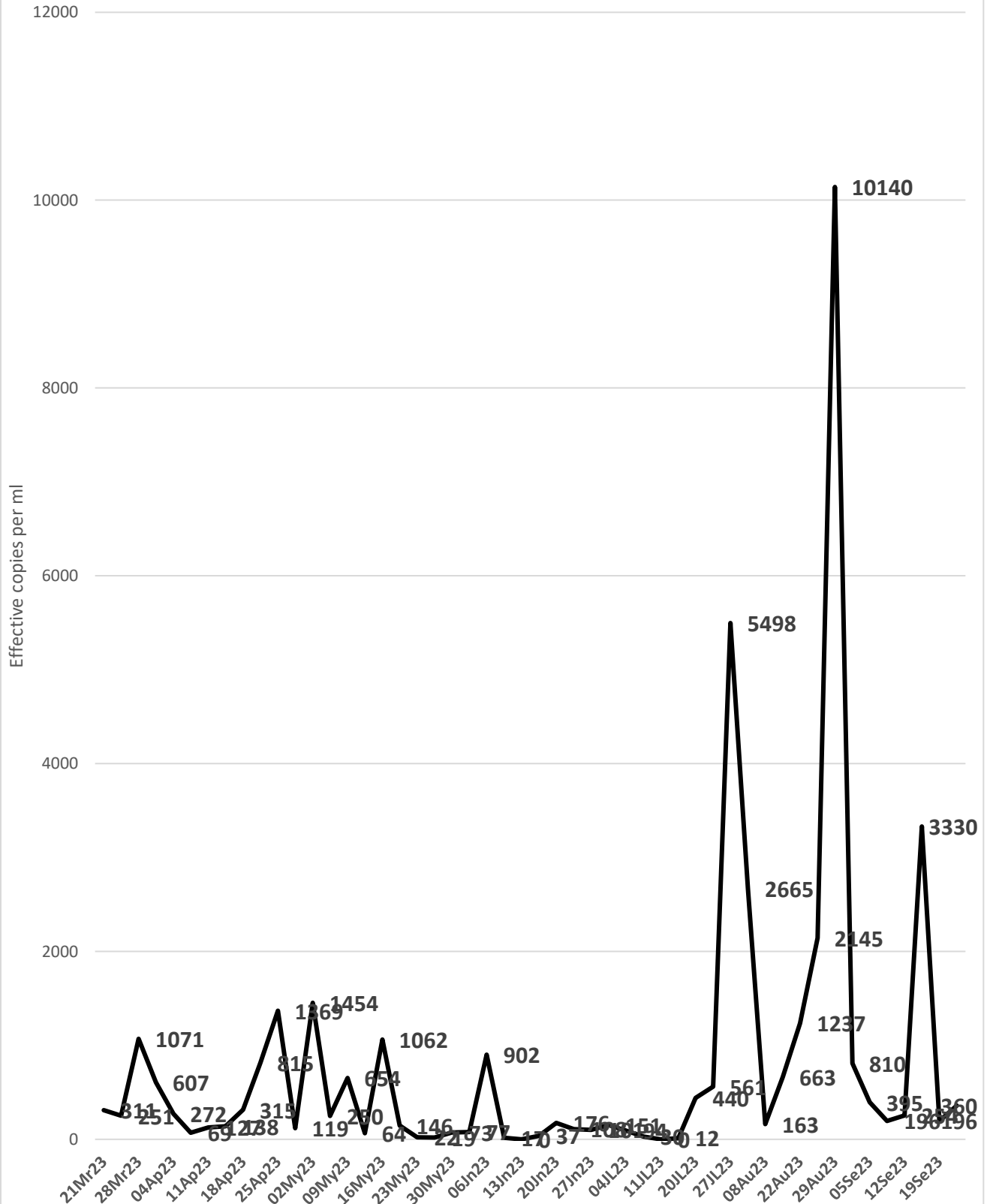
- CDC Hospitalizations Summary – 201 cases, -30 % decrease (Broward, Miami-Dade, and Monroe County data together, data through 23Se30).
- CDC Death rates due to Covid-19 in the last week for Florida, 3.3%, a 2.9% decrease from last week (data through 30Se23)
- Florida Department of Health Weekly Situation Report (data for week 22Se23 – 28Se23). **No updates for this week, Florida reports every two weeks.**
 - Overall State of Florida – 9,540 new cases (decreasing)
 - Monroe County - 22 new cases (decreasing)
 - Dade County – 1,128 new cases (decreasing)
 - Broward County – 740 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 from CDC for 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 one-year contract with Verily Life Sciences LLC.
 - Enrollment planned for the next few weeks, thus expected to have no samples collected for shipment in the next few weeks until we are enrolled with Verily Life Sciences.

Summary Report by Tom Harding, based on Biobot/CDC/State of Florida data through 08Oc23.