

City of Key Colony Beach

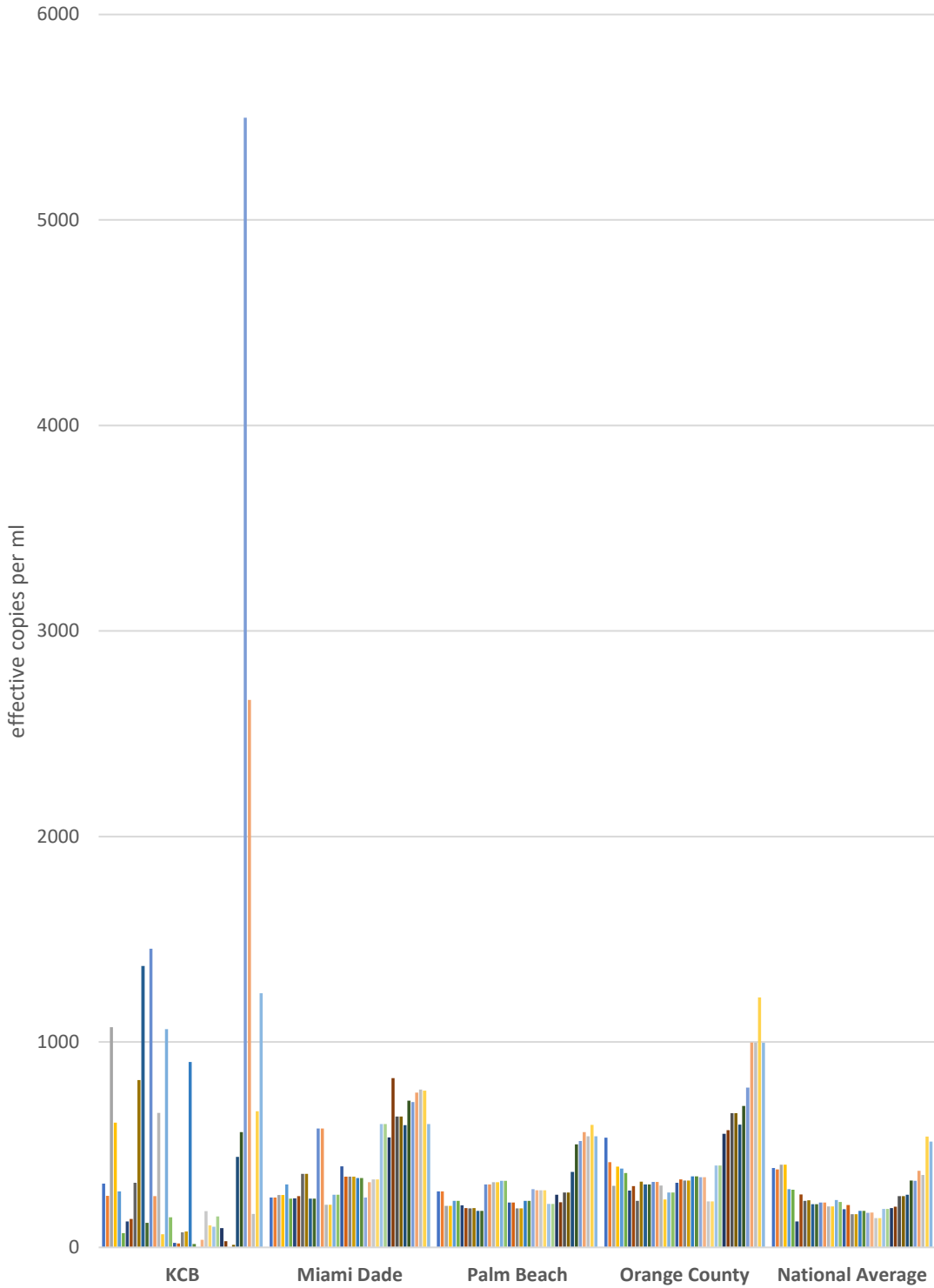
Wastewater Sampling Update for Concern Virus's – August 28, 2023

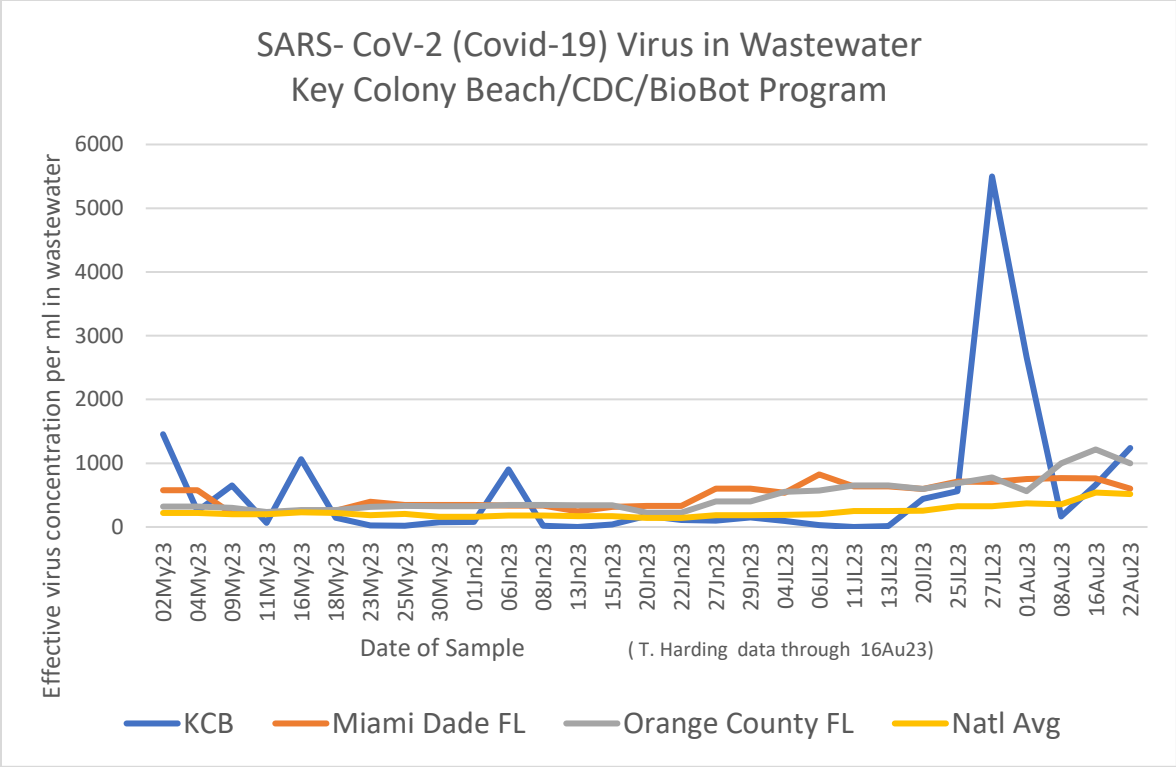
✓ SARS-CoV-2 Virus – Covid -19

- General overview data from CDC and Florida Dept of Health websites:
 - CDC Hospitalizations Summary – 394 cases, 1% increase (Broward, Miami-Dade, and Monroe County data together, data through 12Au23).
 - CDC Death rates due to Covid-19 in the last week for Florida, 3.4%, a 21.4% increase from last week.
 - Florida Department of Health Weekly Situation Report (data for week 11Au23 – 17Au23 – no updates this week, report released every 2 weeks)
 - Overall State of Florida – 18,518 new cases (plateauing)
 - Monroe County - 65 new cases (increasing)
 - Dade County – 2,420 new cases (decreasing)
 - Broward County – 1,510 new cases (increasing)

- ✓ Specific data for Key Colony Beach- wastewater sampling (data through 22Au23):
 - Total KCB specific wastewater samples collected and analyzed to date - 41.
 - **KCB listed as increasing trend for Covid-19 from last sample.**
 - Plot comparison (last 90 days) below vs. other Florida counties and the US overall avg.:

SARS-CoV-2 Virus in Wastewater





- ✓ Mpx virus (Monkeypox) virus in Wastewater samples:
 - KCB specific samples to-date have shown no detection of the Mpx virus for Key Colony Beach
- ✓ Update on status for the overall CDC funding to support wastewater sampling program:
 - New sample kits delivered to KCB on 21Au23, wastewater samples have restarted with 1st restarted sample taken on 22Au23.
 - CDC has authorized funding the program through September 15, 2023

Summary Report by Tom Harding, based on Biobot/CDC/State of Florida data through 27Au23.