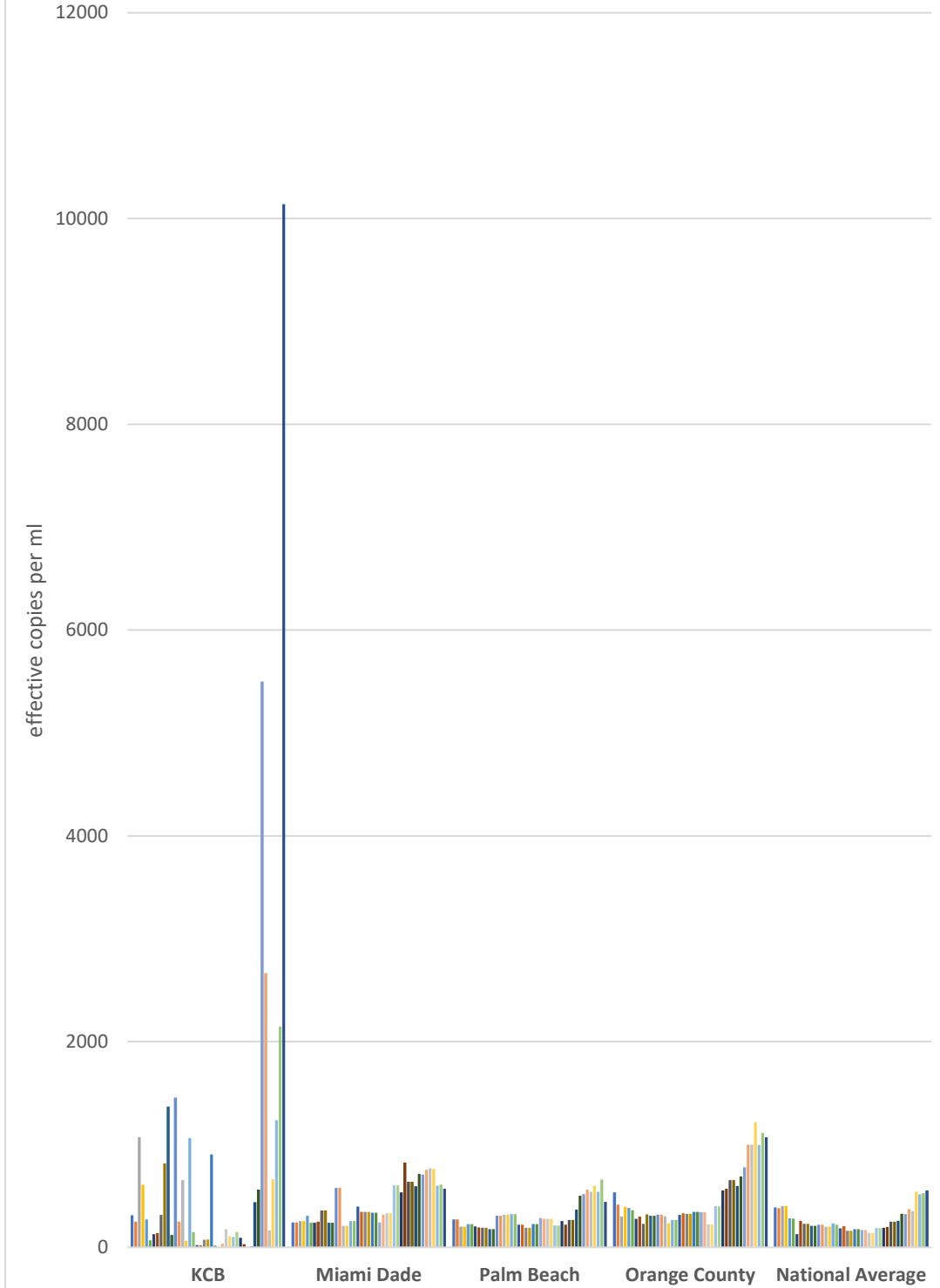


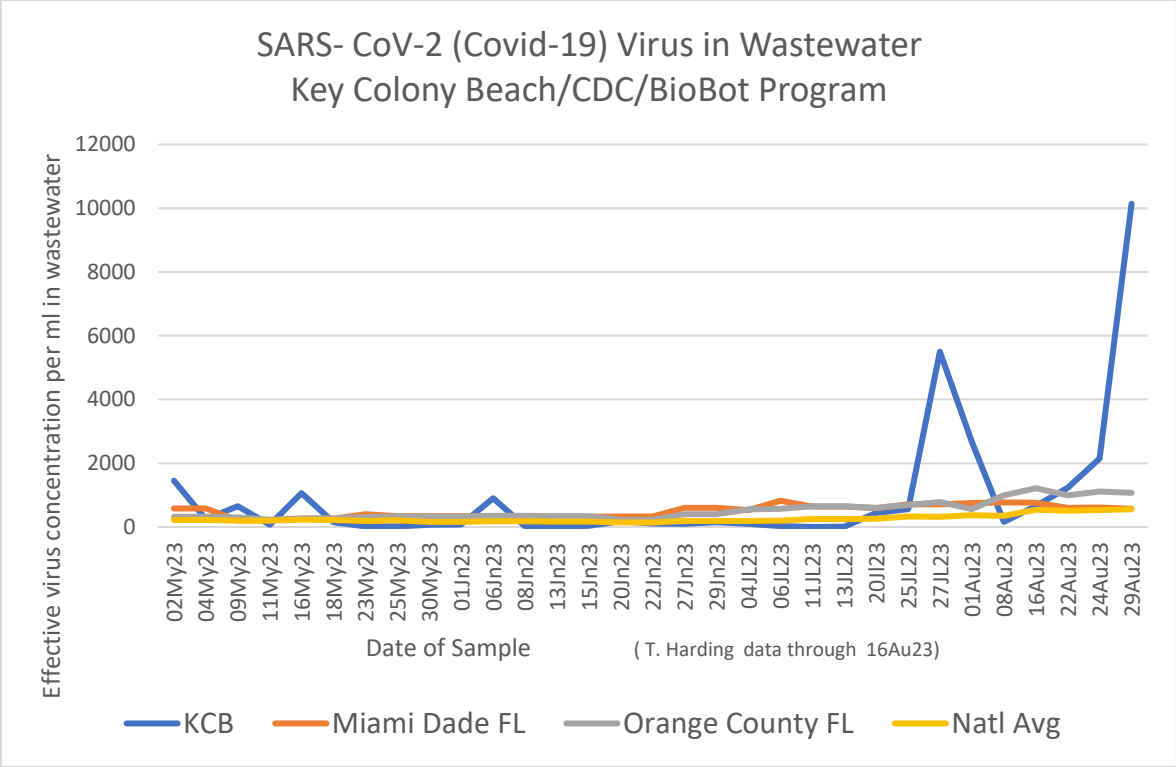
City of Key Colony Beach

Wastewater Sampling Update for Concern Virus's – September 04, 2023

- ✓ **SARS-CoV-2 Virus – Covid -19**
 - **General overview data from CDC and Florida Dept of Health websites:**
 - CDC Hospitalizations Summary – 410 cases, 4.1% increase (Broward, Miami-Dade, and Monroe County data together, data through 19Au23).
 - CDC Death rates due to Covid-19 in the last week for Florida, 3.3%, a 10% increase from last week (data through 30Au23)
 - Florida Department of Health Weekly Situation Report (data for week 25Au23 – 31Au23).
 - Overall State of Florida – 23,960 new cases (increasing)
 - Monroe County - 66 new cases (slight increase)
 - Dade County – 3,304 new cases (increasing)
 - Broward County – 1,775 new cases (increasing)
 - **Specific data for Key Colony Beach- wastewater sampling (data through 29Au23):**
 - Total KCB specific wastewater samples collected and analyzed to date - 43.
 - **KCB listed as increasing trend for Covid-19 from last sample.**
 - **Significant rate increase in late August samples**
 - 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:
 - CDC has authorized funding the program through September 15, 2023

Summary Report by Tom Harding, based on Biobot/CDC/State of Florida data through 03Se23.