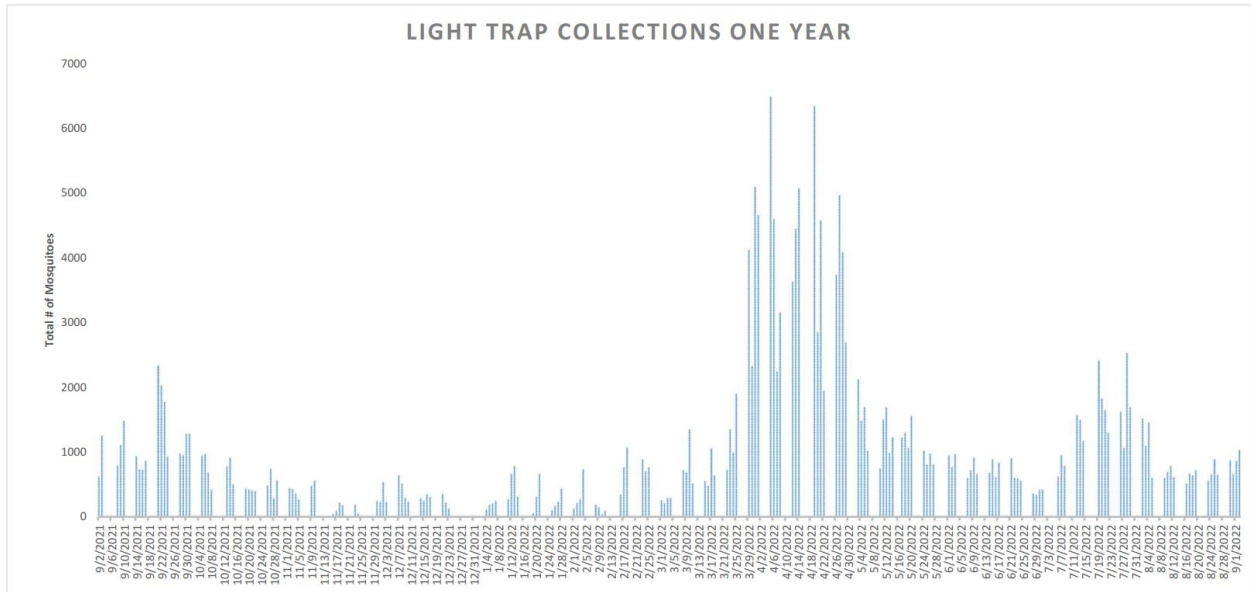
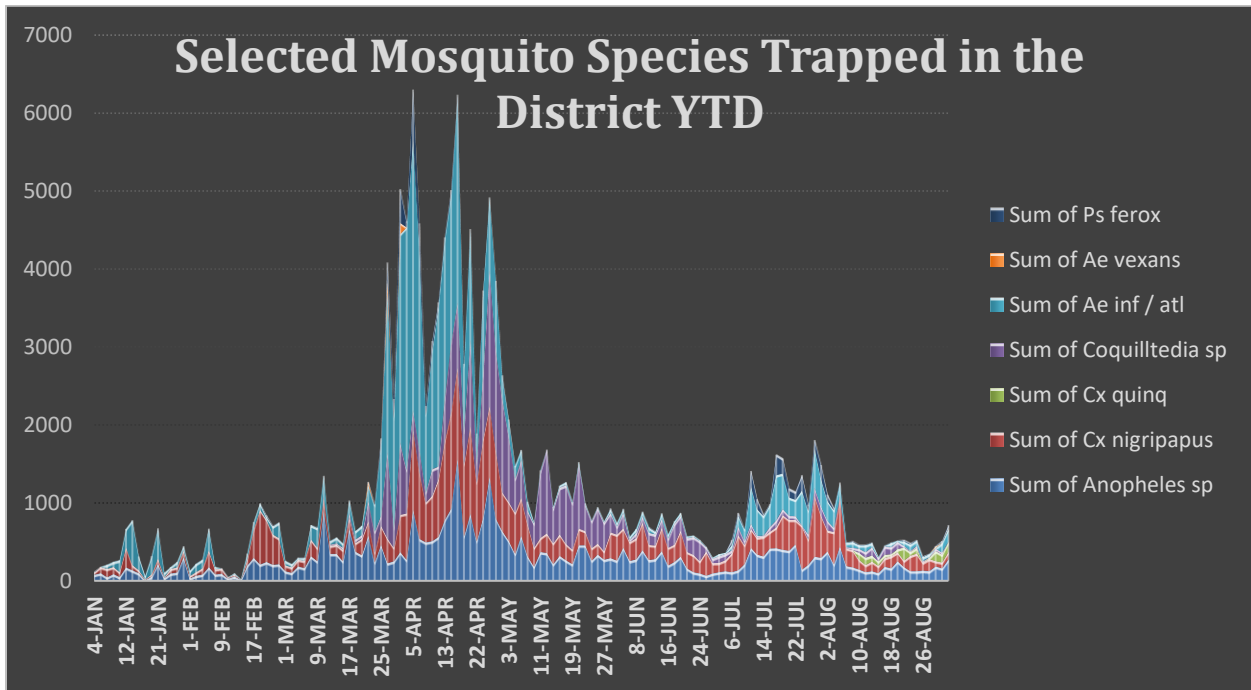


Week of 8/29/2022 Operations Update

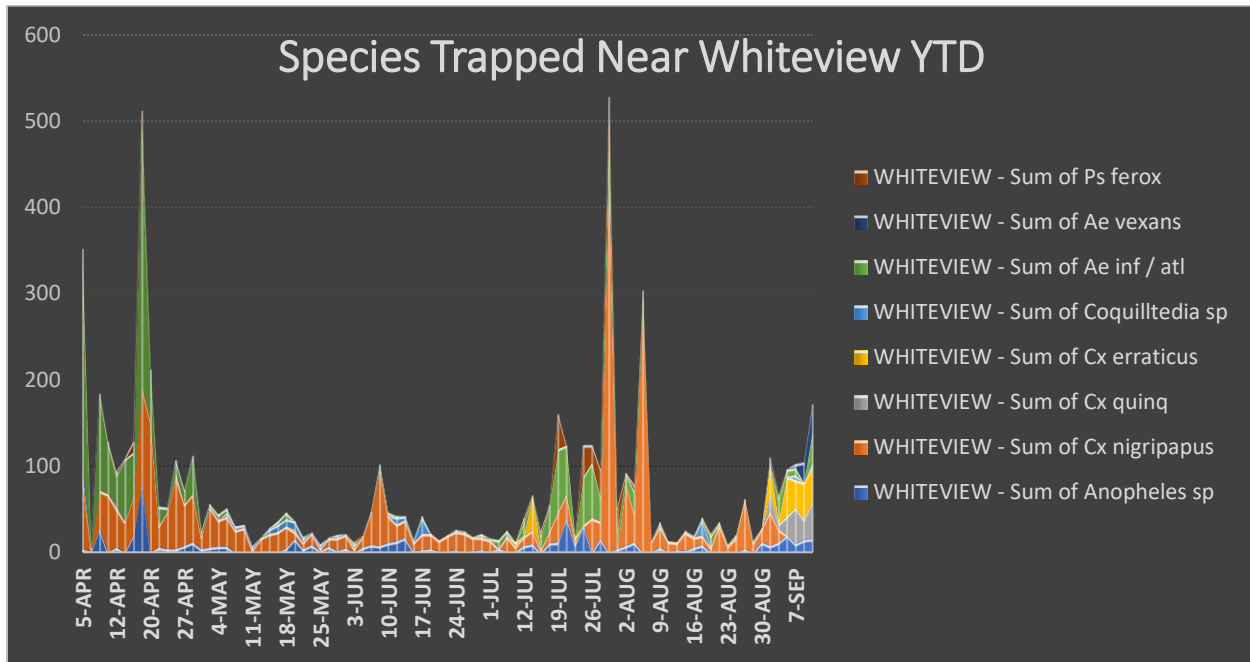
This week was the fourth week of low mosquito activity after four weeks of moderate mosquito activity. The bar graph below shows the total adult mosquitoes from all traps in the District for the past year (TTM).



Limited rainfall and high heat have reduced mosquito production overall since early August (Chart below).



However, zooming in on surveillance data from the trap near Whiteview BLVD, there was an uptick this week in several species that warranted control measures (Chart Below).



From the Florida Department of Health Arbovirus Surveillance Week 35: August 28 -September 3, 2022 [Report](#):

Dengue Cases Acquired in Florida: Six cases of locally acquired dengue were reported this week in Miami-Dade County. In 2022, 14 cases of locally acquired dengue have been reported.

Advisories/Alerts: Miami-Dade County is currently under a mosquito-borne illness alert. Bay, Charlotte, Collier, Lee, Osceola, Pinellas, Sarasota, and Volusia counties are currently under a mosquito-borne illness advisory. No other counties are currently under a mosquito-borne illness advisory or alert.

For a bit of context, Miami-Dade’s high population density and high volume of international travel increases the probability of human to mosquito disease transmission. Our Director was part of a Department of Health strike team that responded to a Dengue outbreak in Martin County in 2013. He reports Martin County and Flagler County are very similar in density and population structure. The original infected traveler was found to have spread Dengue from the bite of *Aedes albopictus* that was breeding in bromeliads at their residence. We advise all residents to remove bromeliads from their yard.

Zones high-lighted in yellow were sprayed by truck this week.

