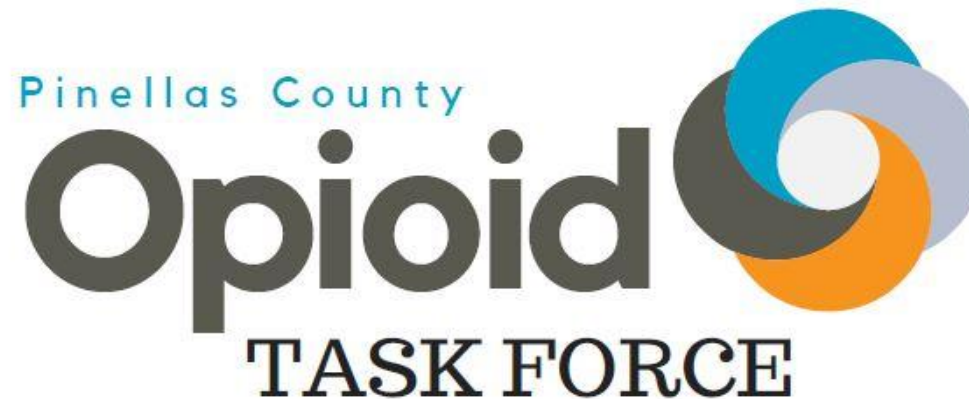


***WELCOME TO THE PINELLAS
COUNTY OPIOID TASK FORCE
MEETING WEBINAR***

WE WILL BEGIN SHORTLY.



*WELCOME
to our newest
members and
long-term
partners!*

Recommended Goals to

COMBAT THE OPIOID EPIDEMIC



Health care providers, law enforcement, schools, communities and families play a key role in eliminating opioid-related deaths, injuries and misuse in Pinellas County.

Raise awareness on the dangers of opioids by coordinating with schools, health care providers, pregnant women, etc.



Reduce opioid deaths by increasing the availability of life saving treatment to those who are dependent on opioids, their families and their friends.



Connect those in need to available, effective treatment and addiction therapy.



Decrease the supply of opioids by establishing a community wide approach and identifying areas at highest risk.



Improve information sharing efforts within our community to better examine trends of opioid misuse.

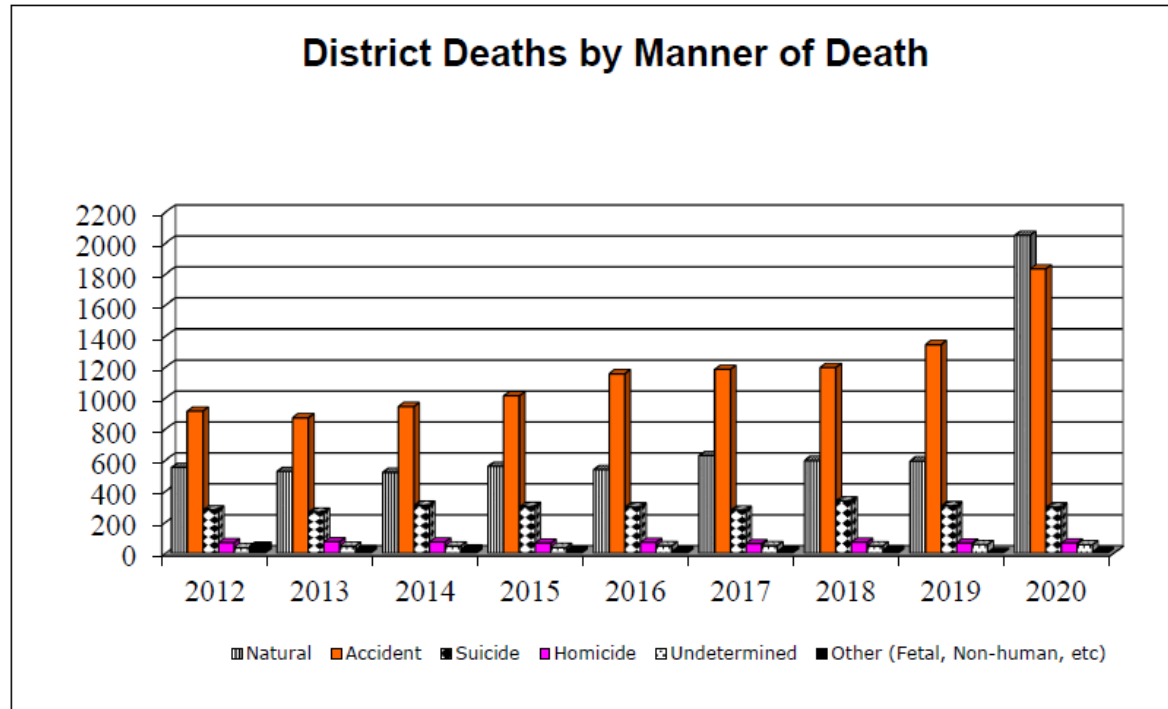


AGENDA

| | |
|--|---|
| Welcome & Introductions | Marianne Dean Dept. of Health – Pinellas County |
| Trends and Data Review | Reta Newman Medical Examiner's Office |
| Trends and Data Review | Craig Queen Pinellas County EMS & Fire Administration |
| Review from Northwestern University | Wouter Vermeer; C. Hendricks Brown; Holly Hills; Kim Johnson |
| COSSAP / OFR | Joshua Barnett; PCHS |
| SIP / USF Update | Meghan Westbrook; PCHS Charles Dion, Mary Murrin, Kavitha G.; USF |
| EIS Update | Mo Alak; FL-EIS Fellow |
| Overdose Data to Action Update | Marianne Dean; DOH-Pinellas |
| Open Forum | All Participants – We encourage hearing your ideas and cues to action. |
| Next Meeting: Sept. 16th, 2021 via Microsoft Teams | |

Drug Related Deaths & Trends Update

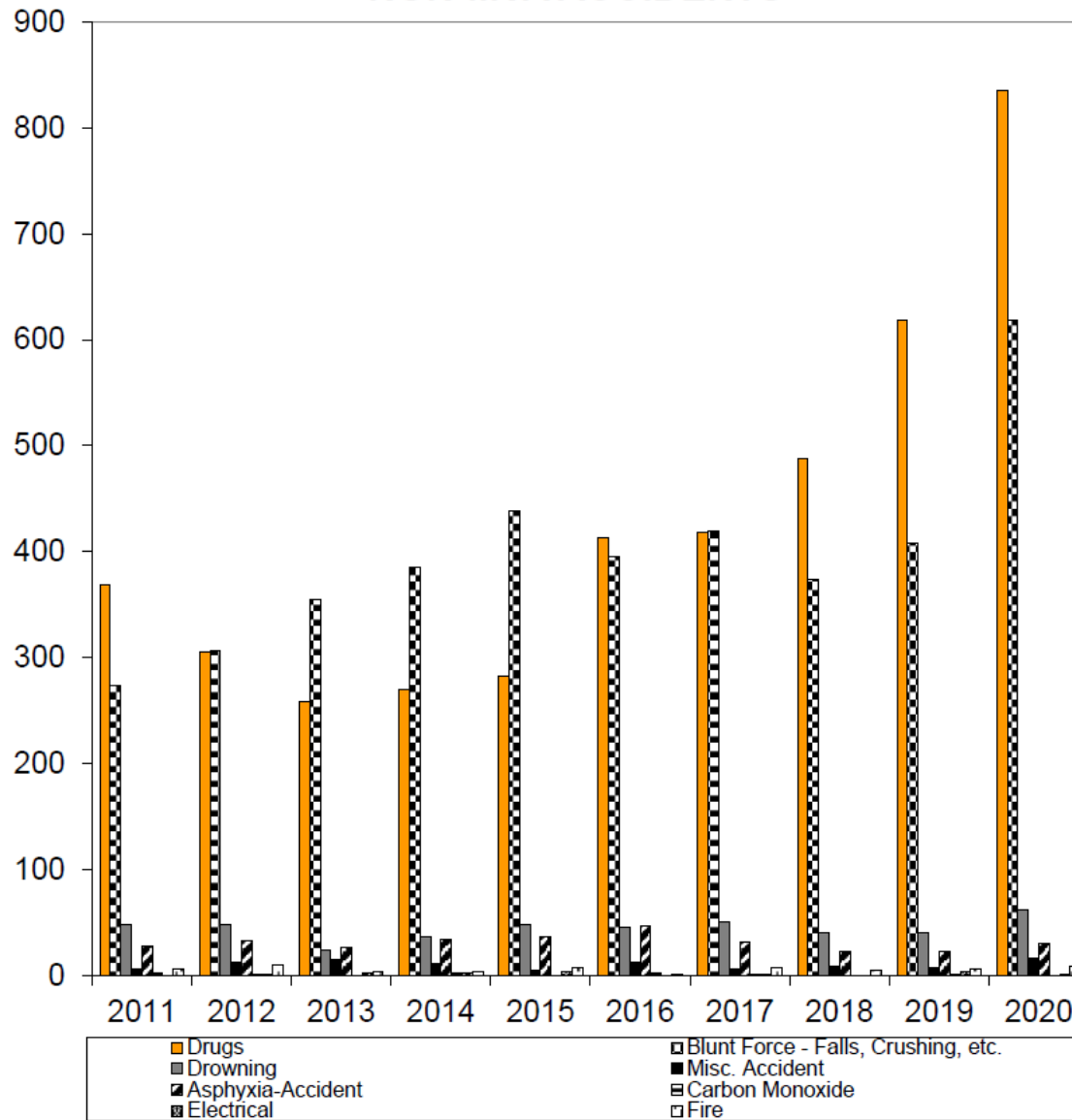
2020 ME Annual Report



Non-natural deaths increased by 27% in 2020

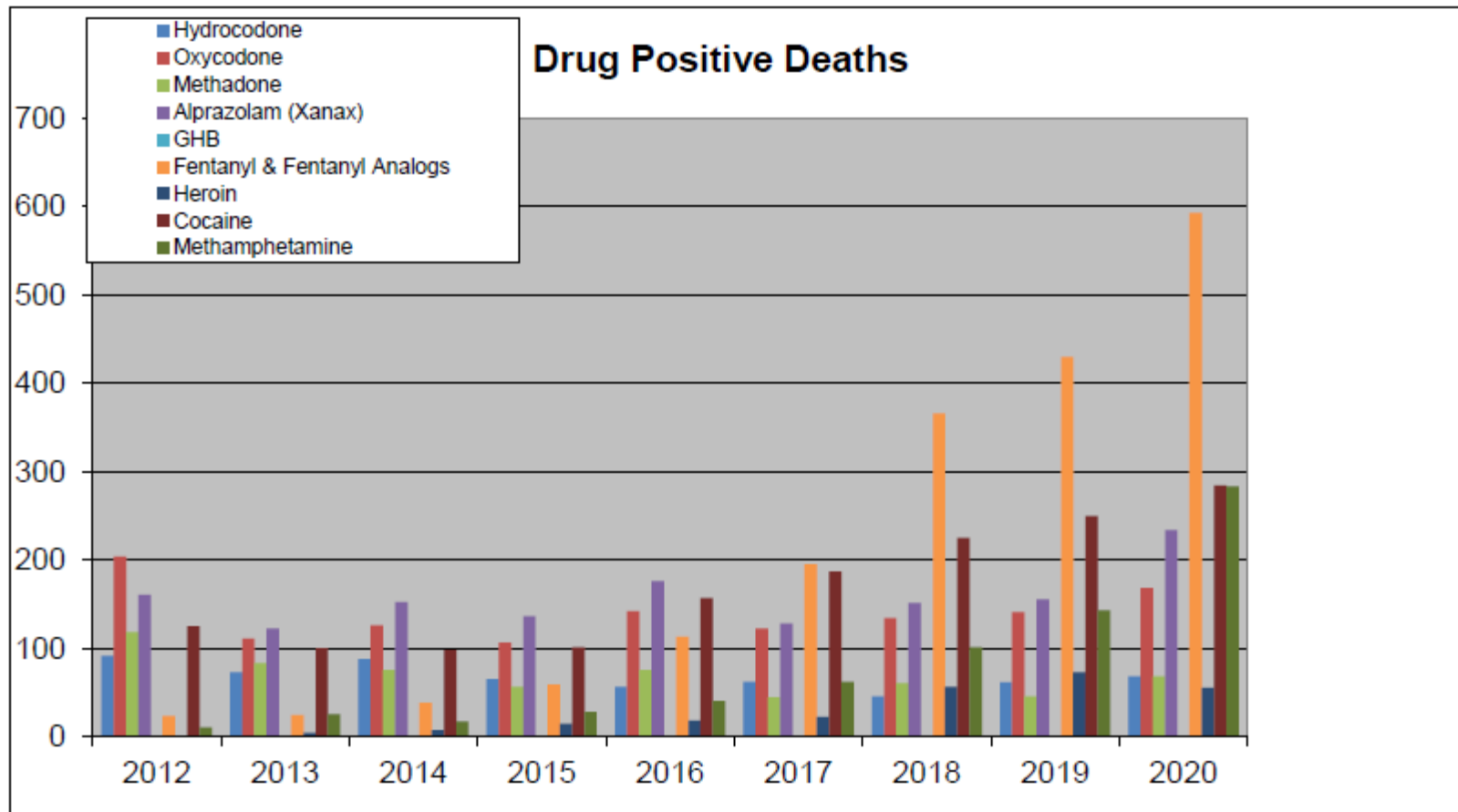
| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TOTAL VIOLENT DEATHS | 1,359 | 1,296 | 1,253 | 1,369 | 1,414 | 1,569 | 1,568 | 1,648 | 1,767 | 2,247 |

NON-MVA ACCIDENTS



Excluding MVA –
Accidental Deaths
increased by 42%
In 2020

Drug Related
Accidental Deaths –
increased by 35 %
In 2020



| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------------------------|------|------|------|------|------|------|------|------|------|
| Hydrocodone | 91 | 73 | 88 | 65 | 56 | 62 | 45 | 61 | 68 |
| Oxycodone | 204 | 111 | 126 | 106 | 142 | 122 | 134 | 141 | 168 |
| Methadone | 118 | 83 | 75 | 56 | 75 | 44 | 60 | 45 | 68 |
| Alprazolam (Xanax) | 160 | 122 | 152 | 136 | 176 | 128 | 151 | 155 | 234 |
| GHB | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Fentanyl & Fentanyl Analogs | 23 | 24 | 38 | 59 | 113 | 195 | 366 | 430 | 593 |
| Heroin | 1 | 4 | 7 | 14 | 18 | 22 | 56 | 73 | 55 |
| Methamphetamine | 10 | 25 | 17 | 28 | 40 | 62 | 101 | 143 | 283 |
| Cocaine | 125 | 100 | 98 | 101 | 157 | 187 | 225 | 250 | 284 |

Fentanyl/Fentanyl Analog Related Deaths 2018-2020

| Year County | 2018 | 2019 | 2020 |
|----------------|------|------|------|
| Pinellas | 164 | 245 | 372 |
| Pasco | 77 | 101 | 199 |
| District Total | 241 | 346 | 571 |

Pinellas:
52% increase in fentanyl related
deaths between 2019 and 2020

District:
65% increase in fentanyl related
deaths between 2019 and 2020

Current Fentanyl Submissions

Fentanyl

Fluorofentanyl

Benzimidazole Opioids

Newest trend in opioids

- Highly potent
- 39 analogs have been developed/proposed

Etonitazene – Schedule I in Florida

- Identified to date in Pinellas County:
 - Metonitazene
 - Etodesnitazene

Not specially scheduled - Potential analogs of etonitazene

Reported: metonitazene (substantially similar to etonitazene, CI)

Etonitazene

Report to be 1000X more powerful than morphine

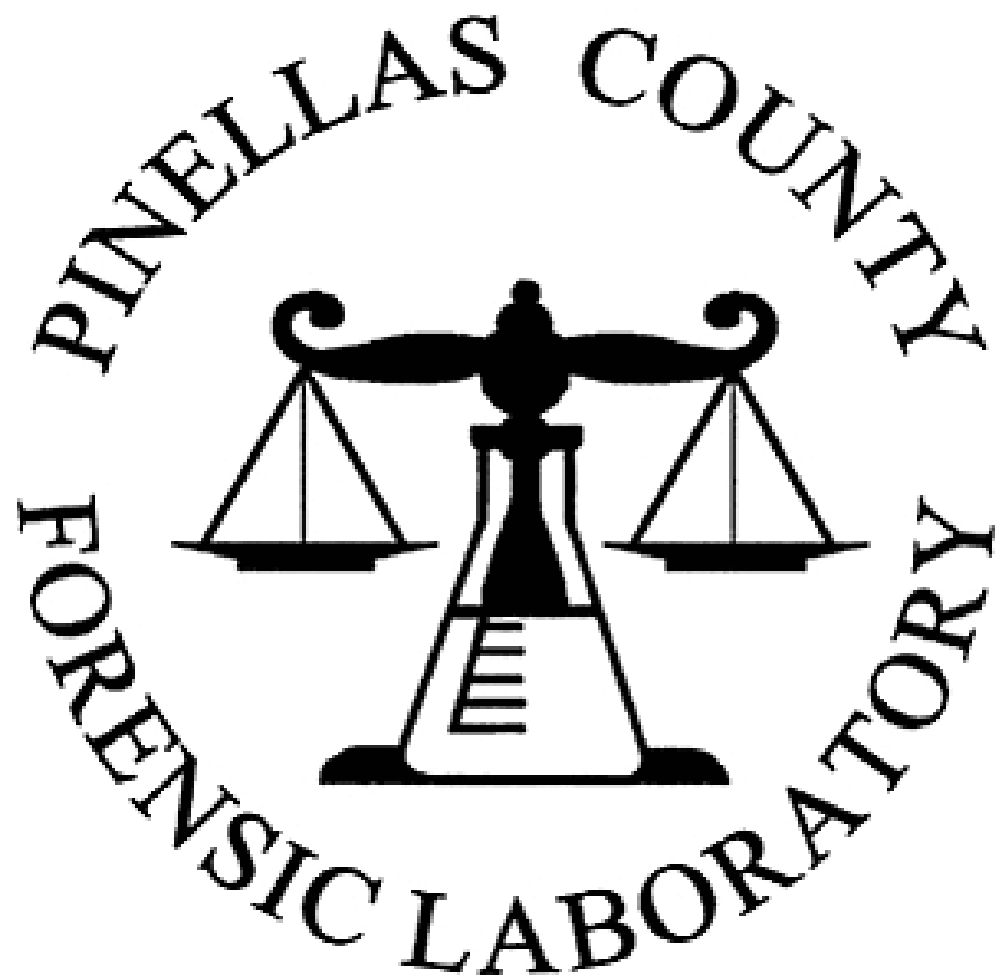
- <https://pubs.acs.org/doi/10.1021/acchemneuro.1c00037>

Related to Brorphine class (benzimidazoles vs benzimidazolones)

Analogs are not currently scheduled under any class scheduling

Chemical structure allow for a multitude of potential analogs

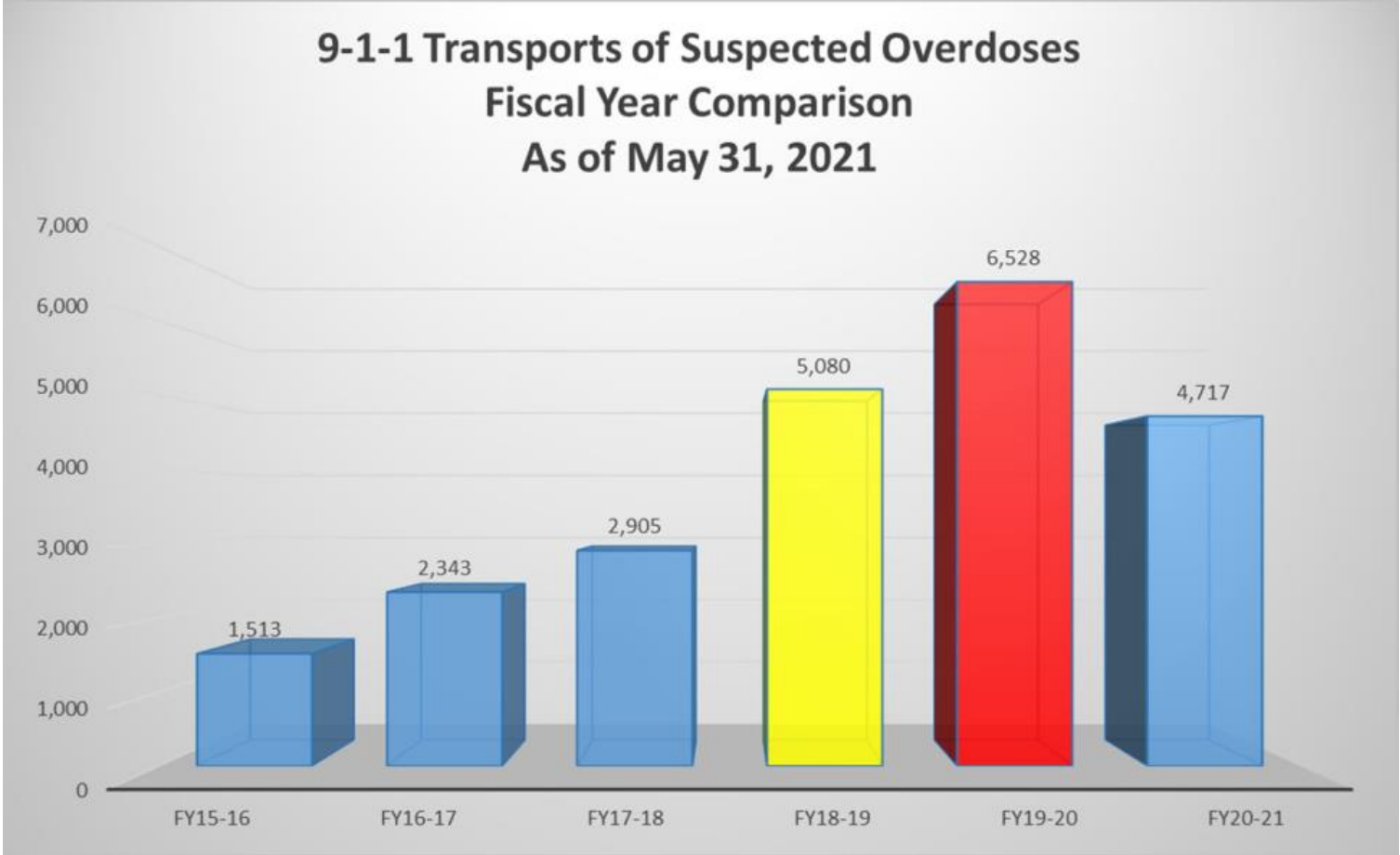
Potency of analogs unknown



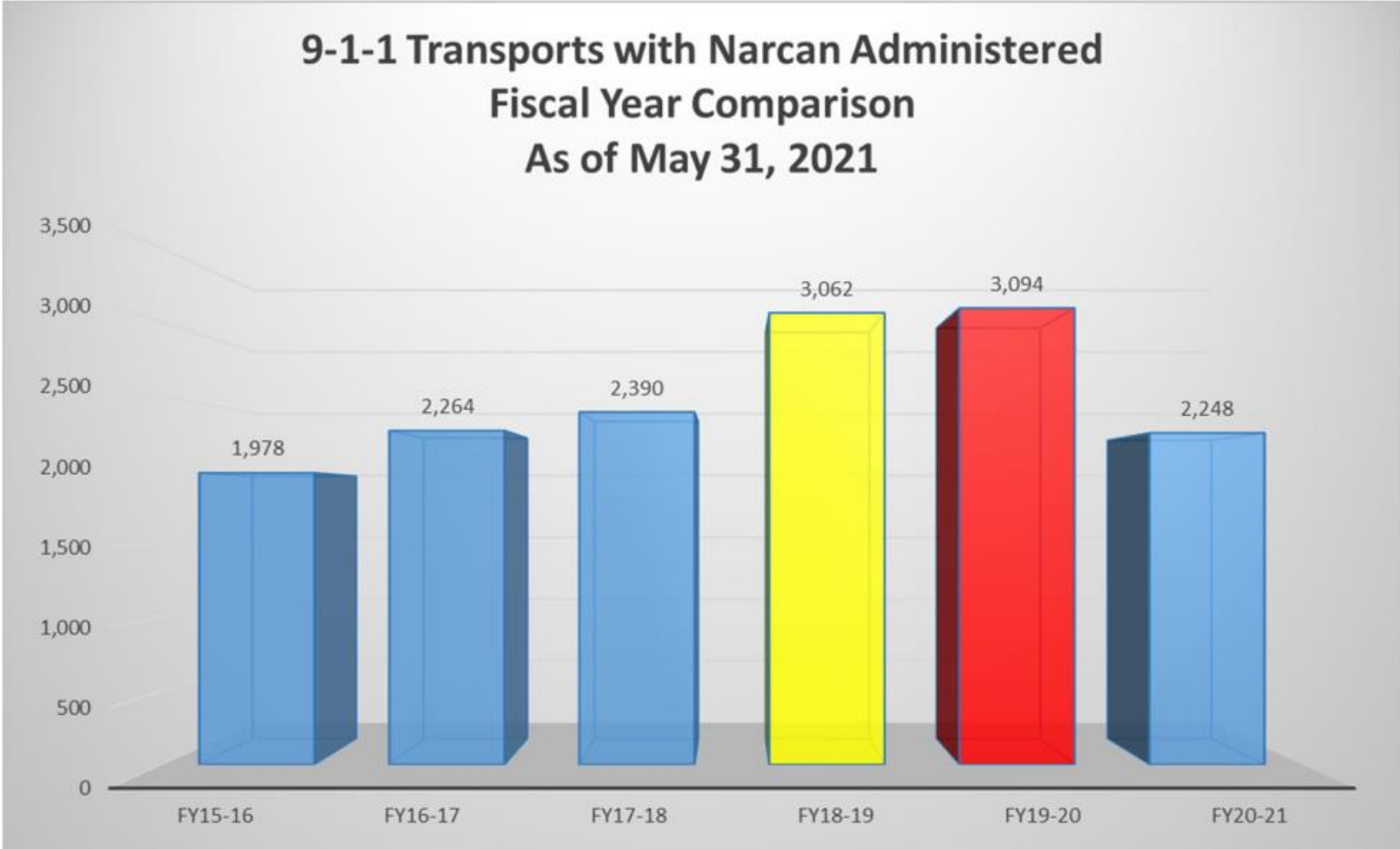
EMS Review



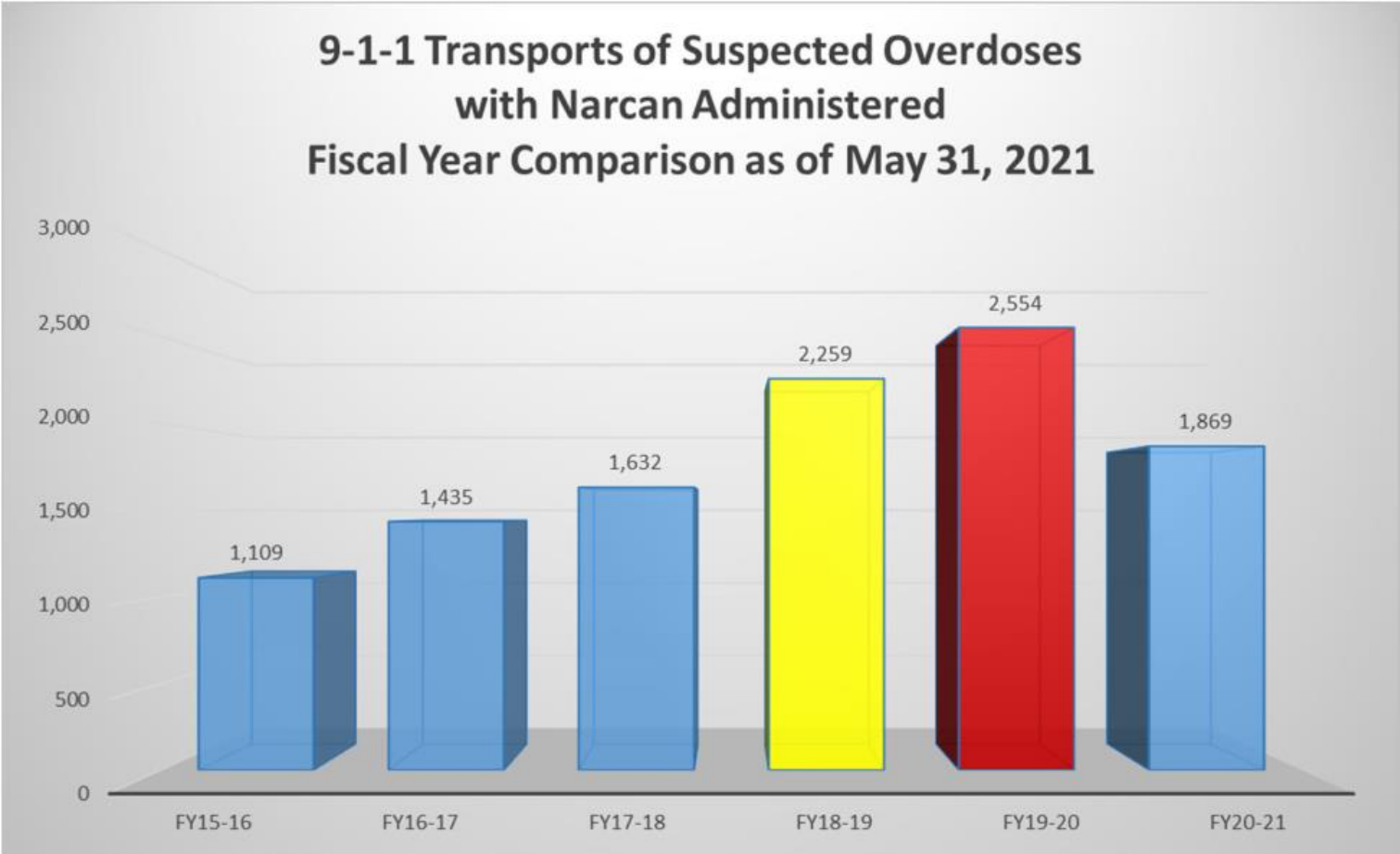
How it Looks



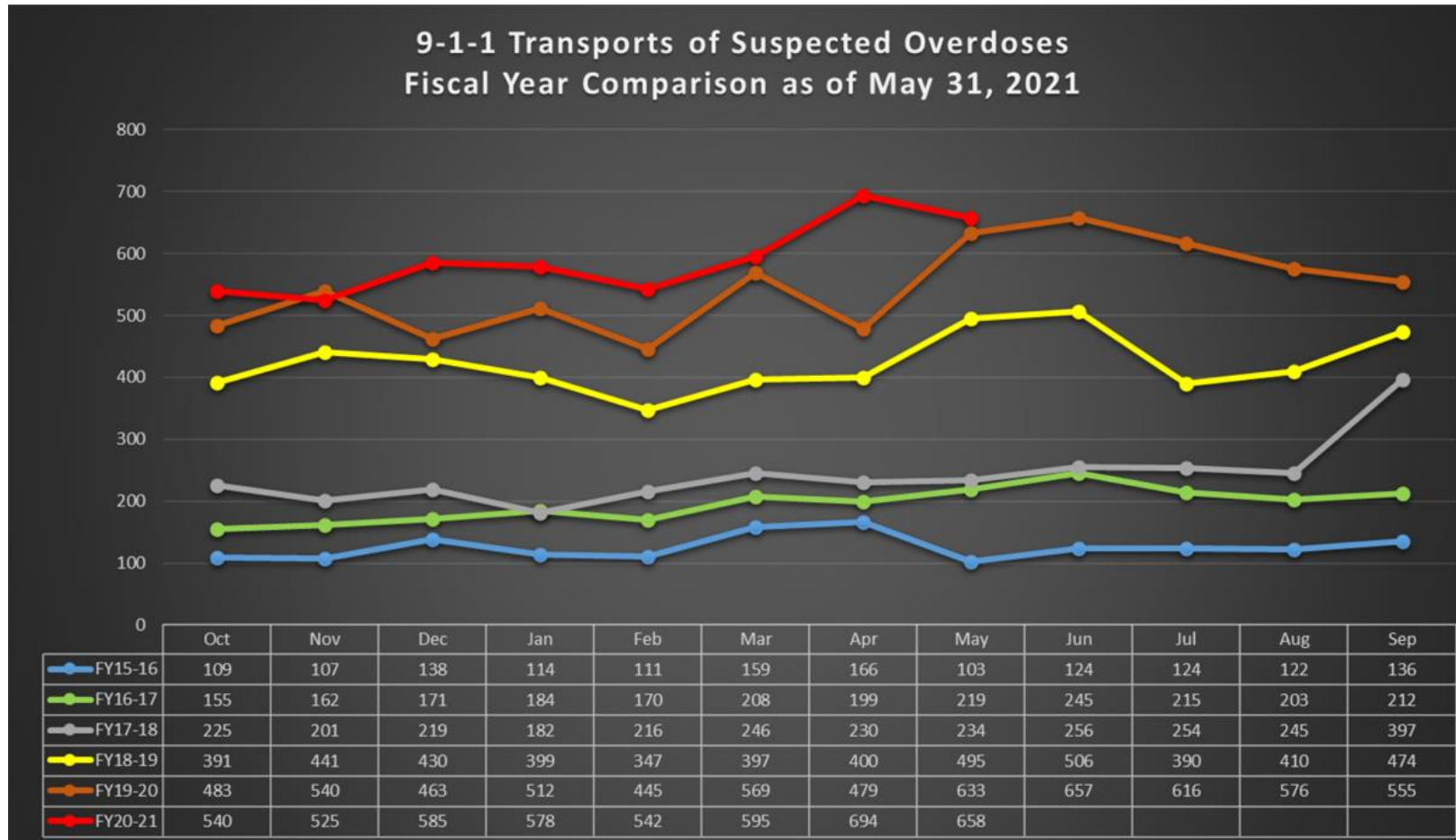
How it Looks



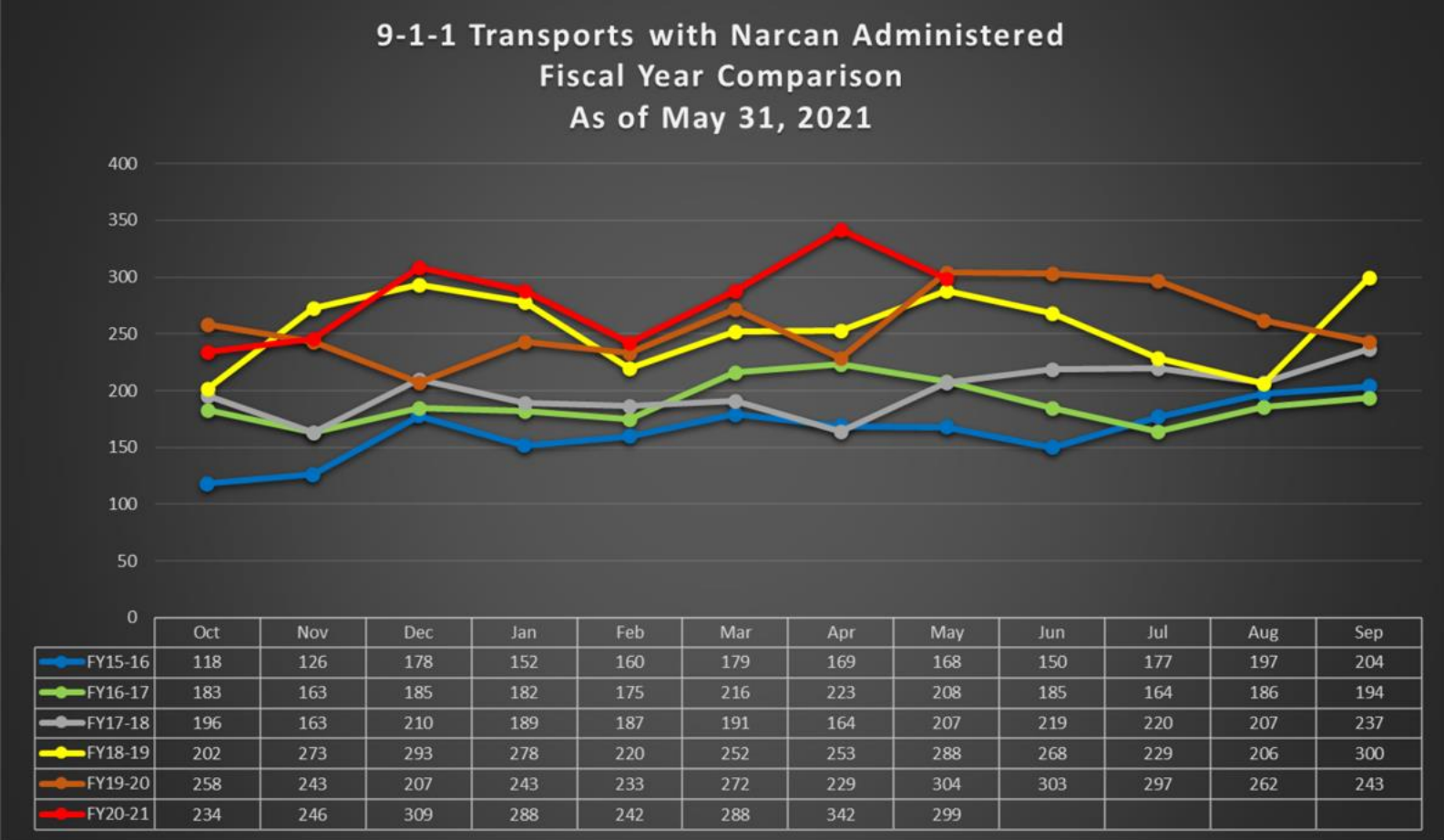
How it Looks



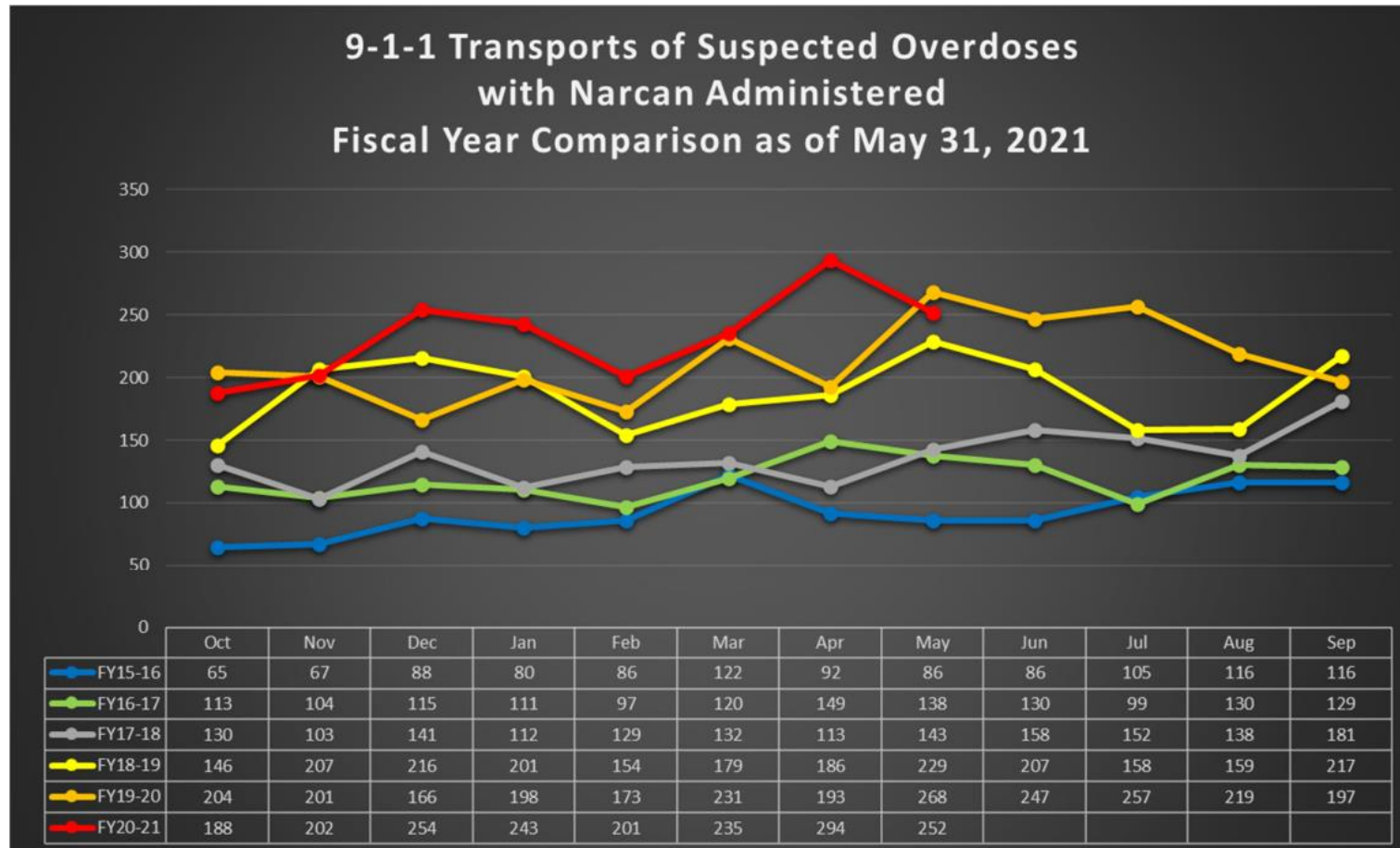
FY Comparison by Month



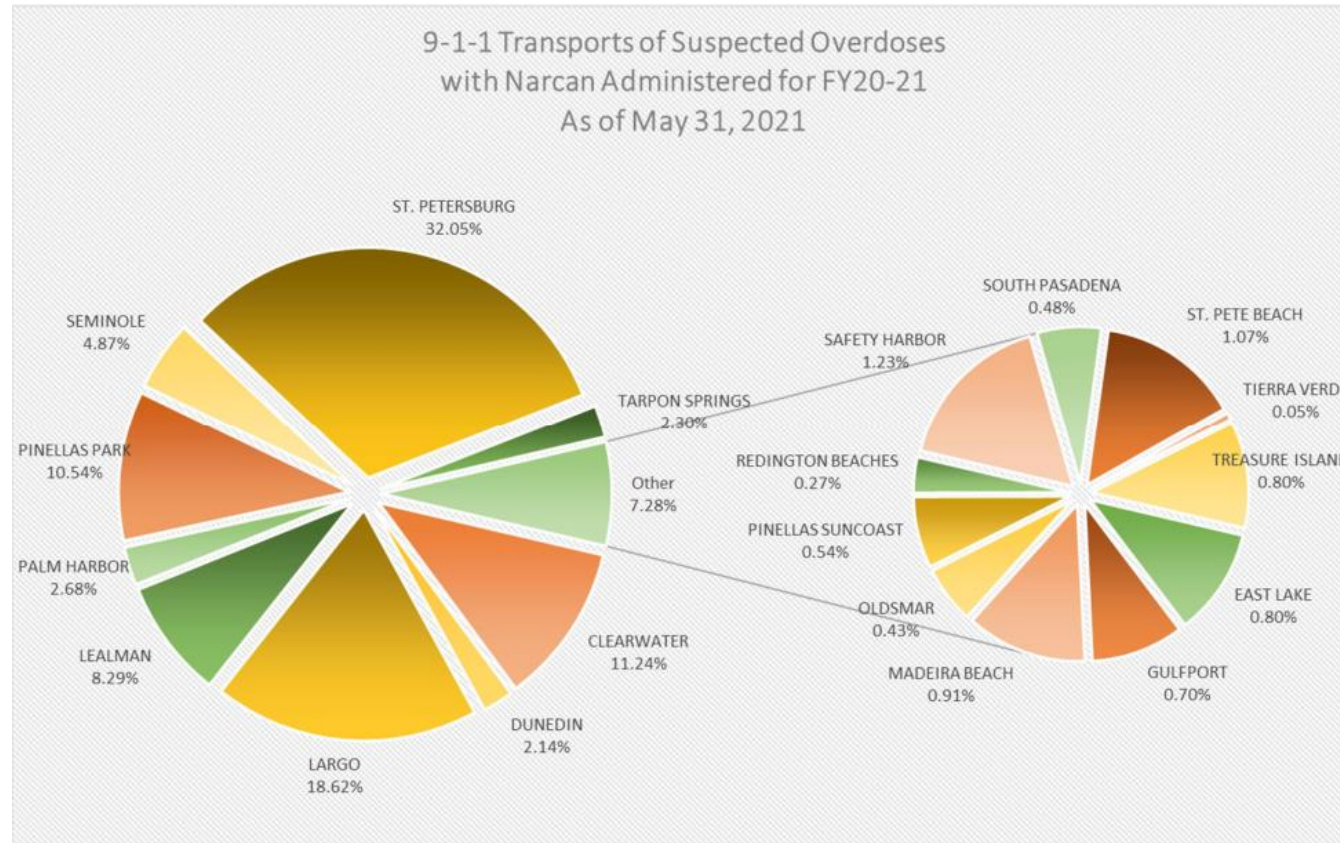
FY Comparison by Month



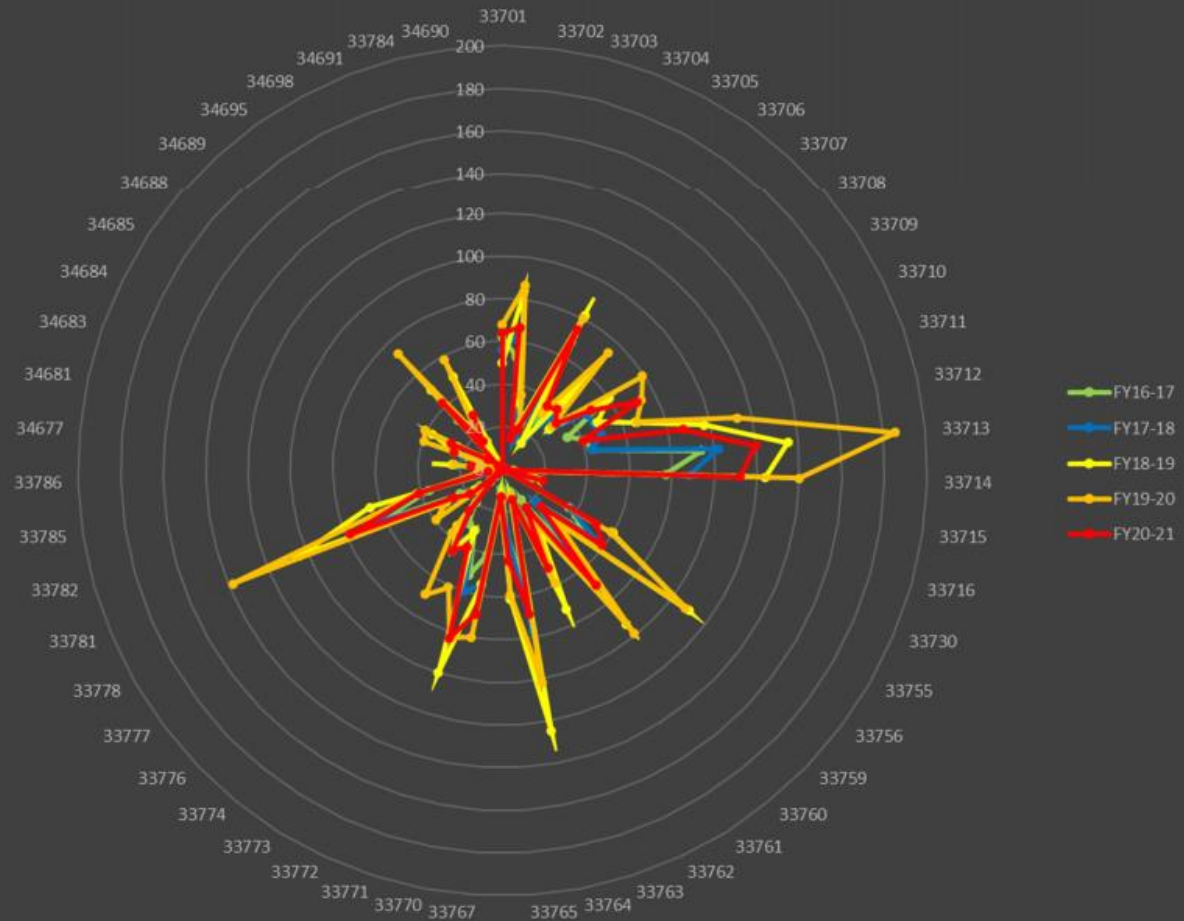
FY Comparison by Month



Where are Transports Coming From?

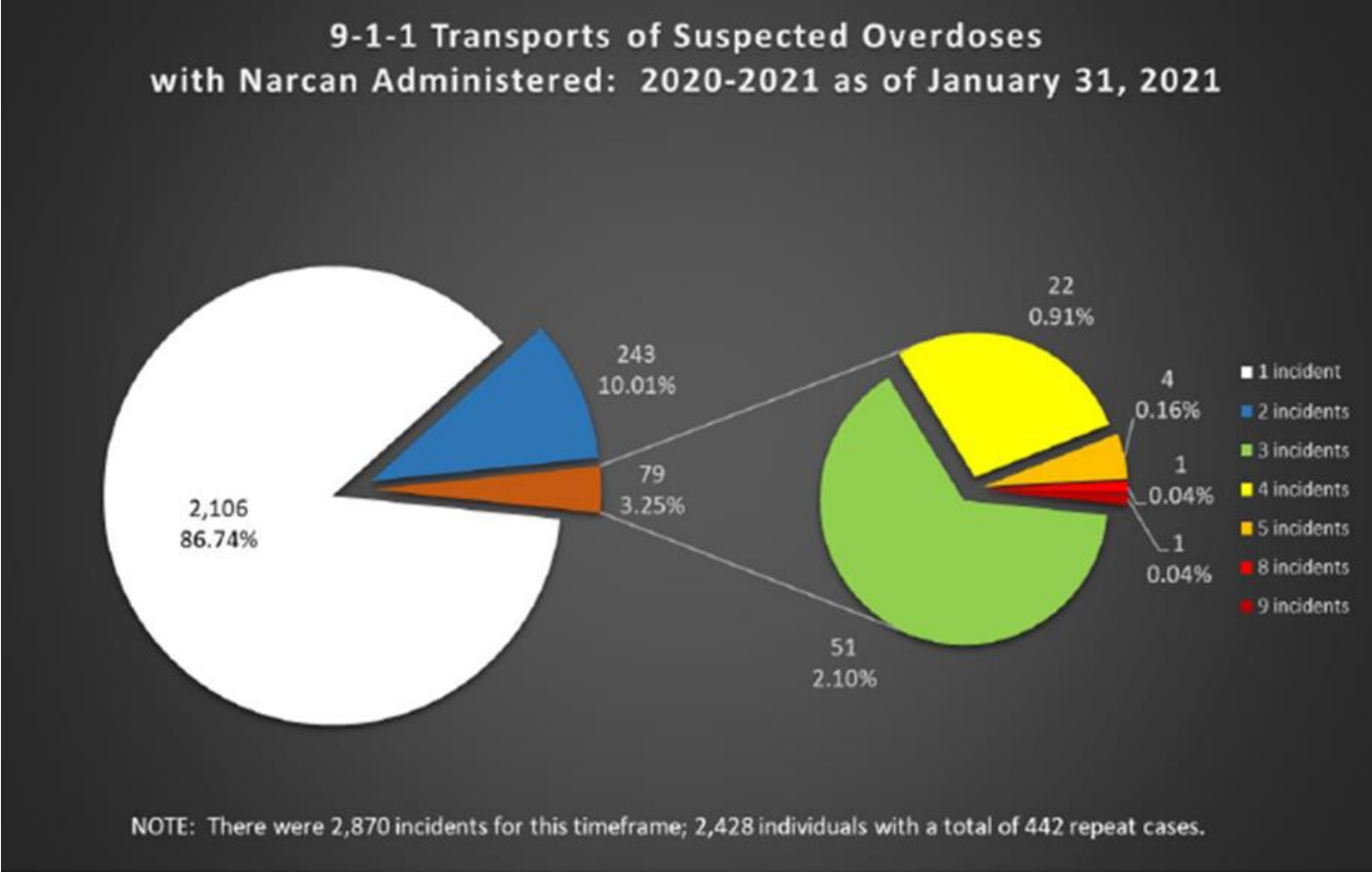


9-1-1 Transports of Suspected Overdoses
with Narcan Administered
Fiscal Year Tracking as of May 31, 2021

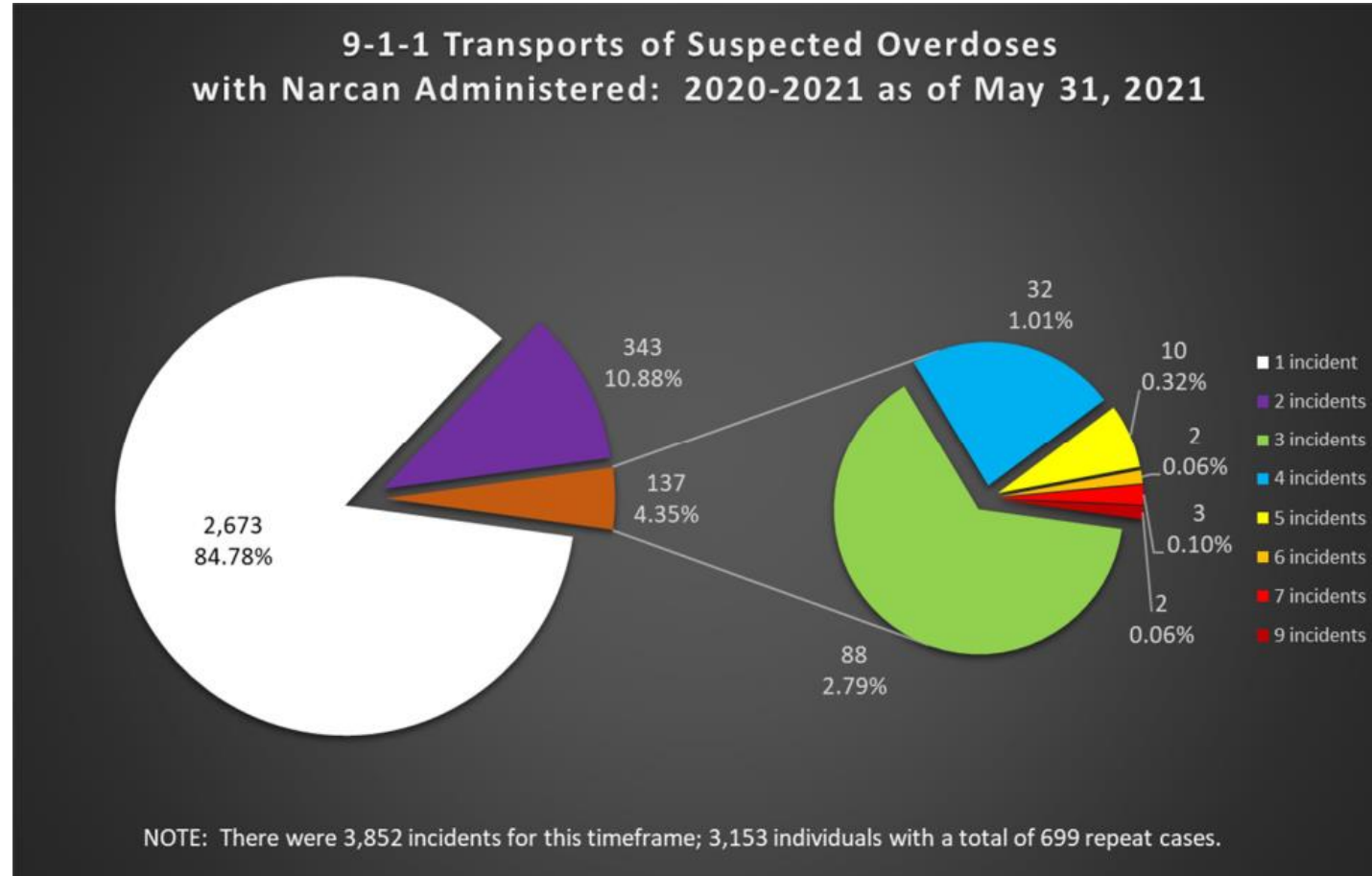


Where are Transports Coming From?

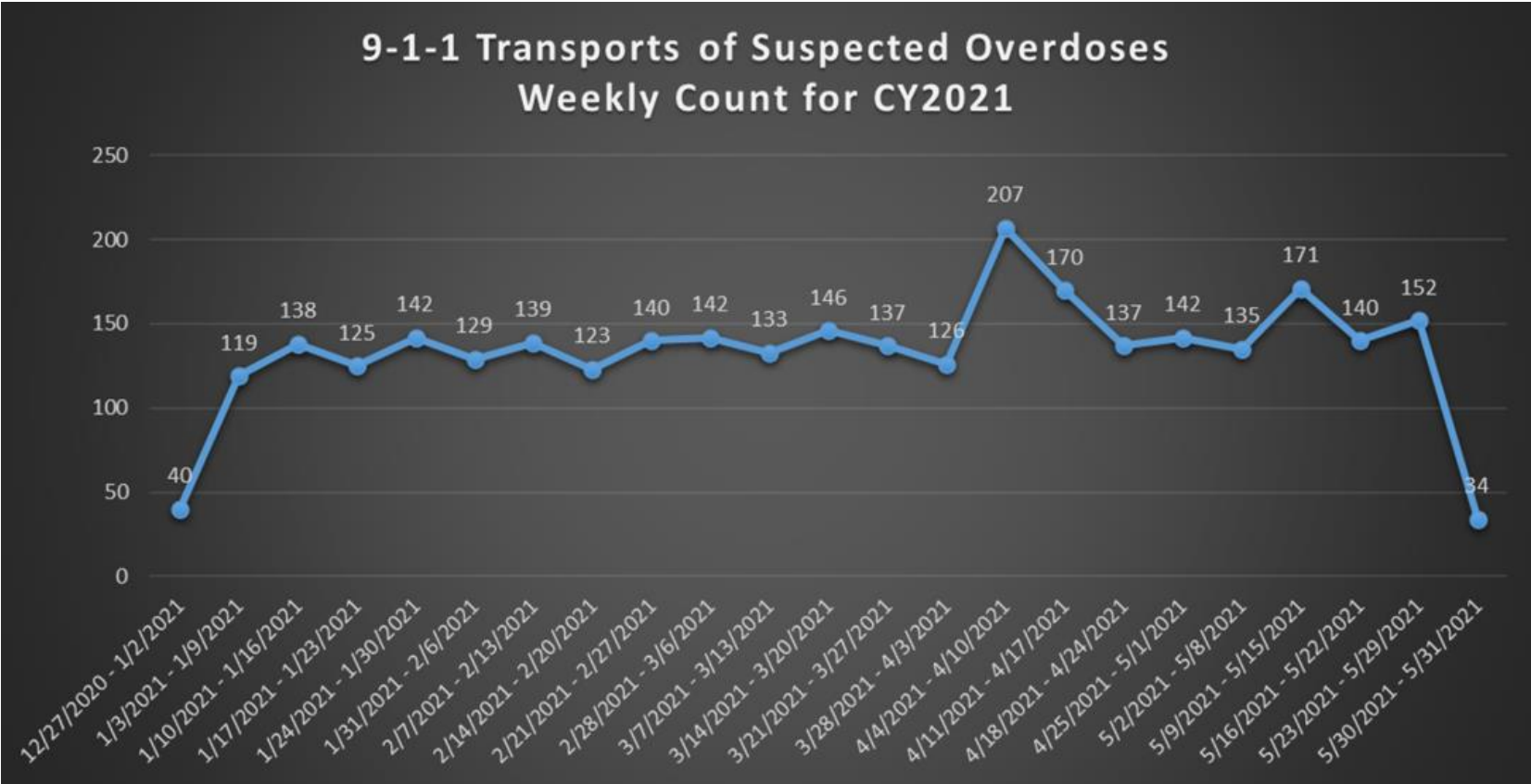
Repeat Comparisons



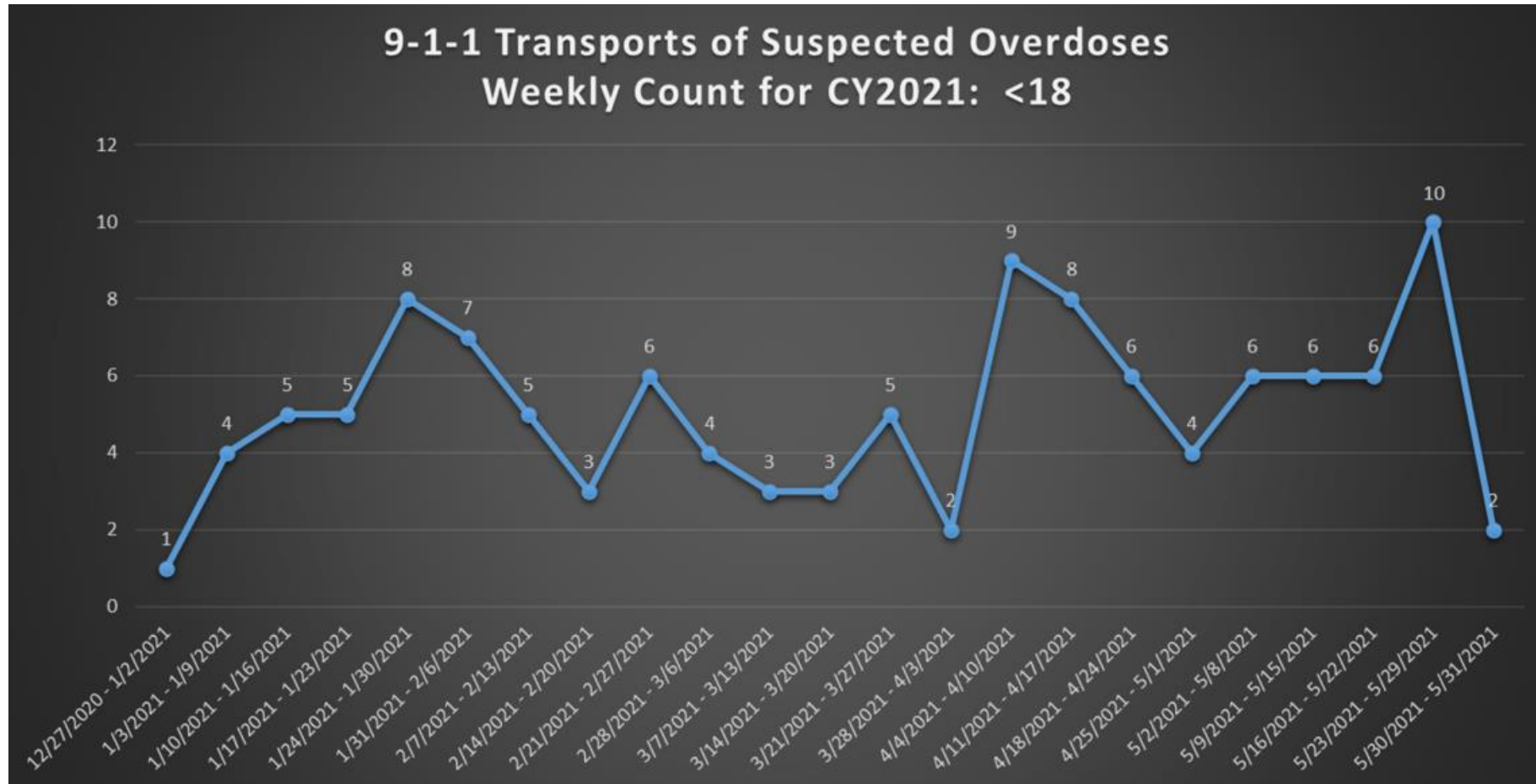
Repeat Comparisons



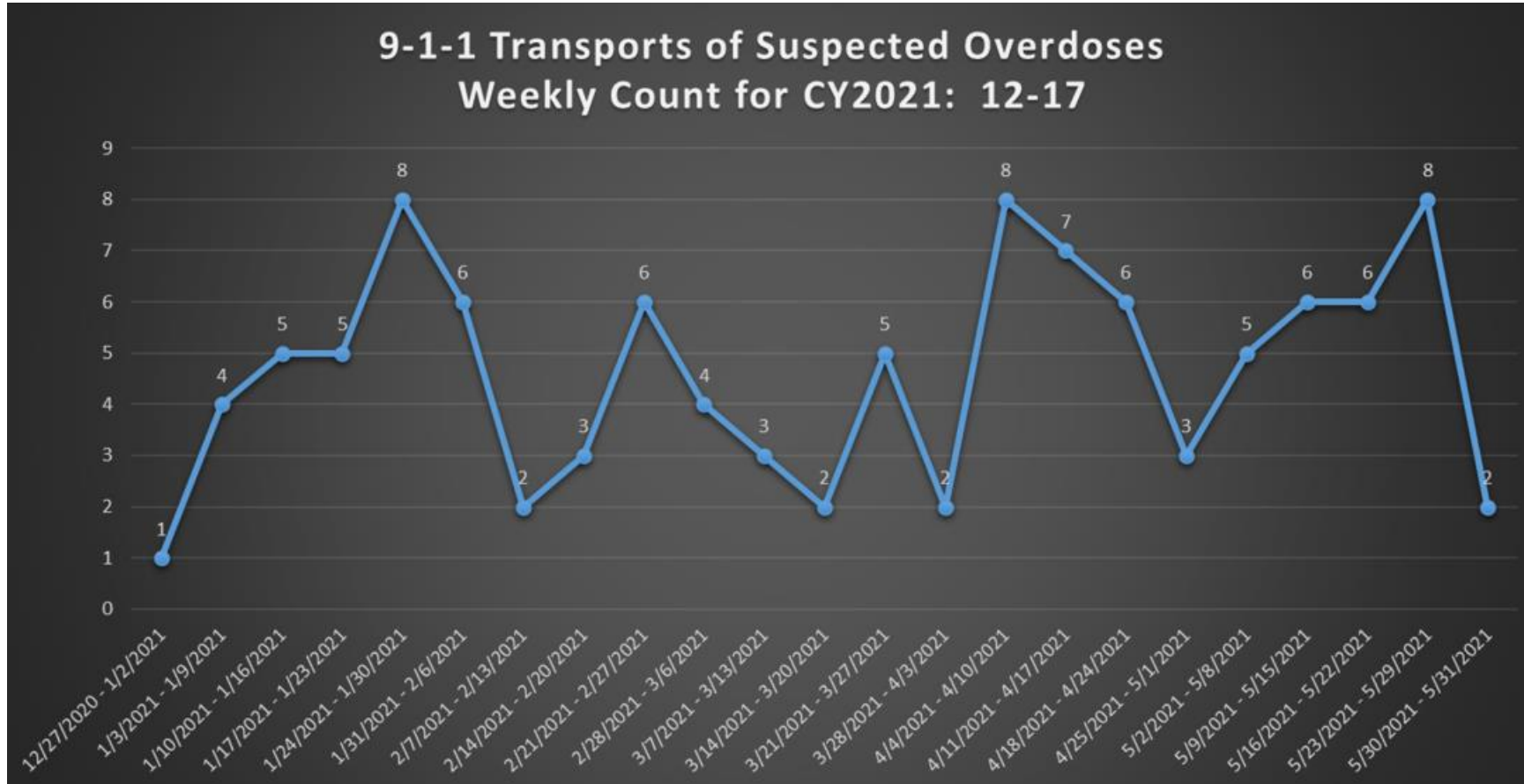
CY21 by the Week

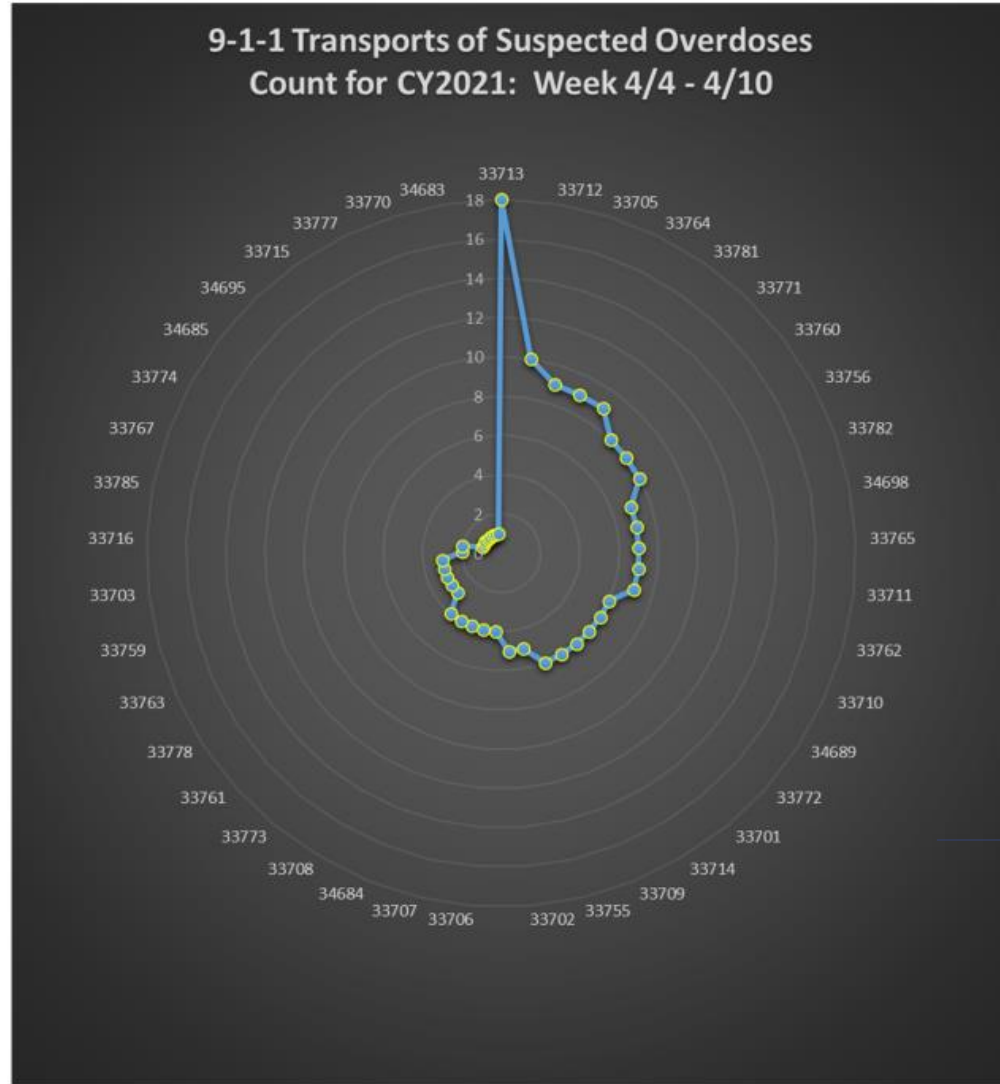


CY21 by the Week



CY21 by the Week

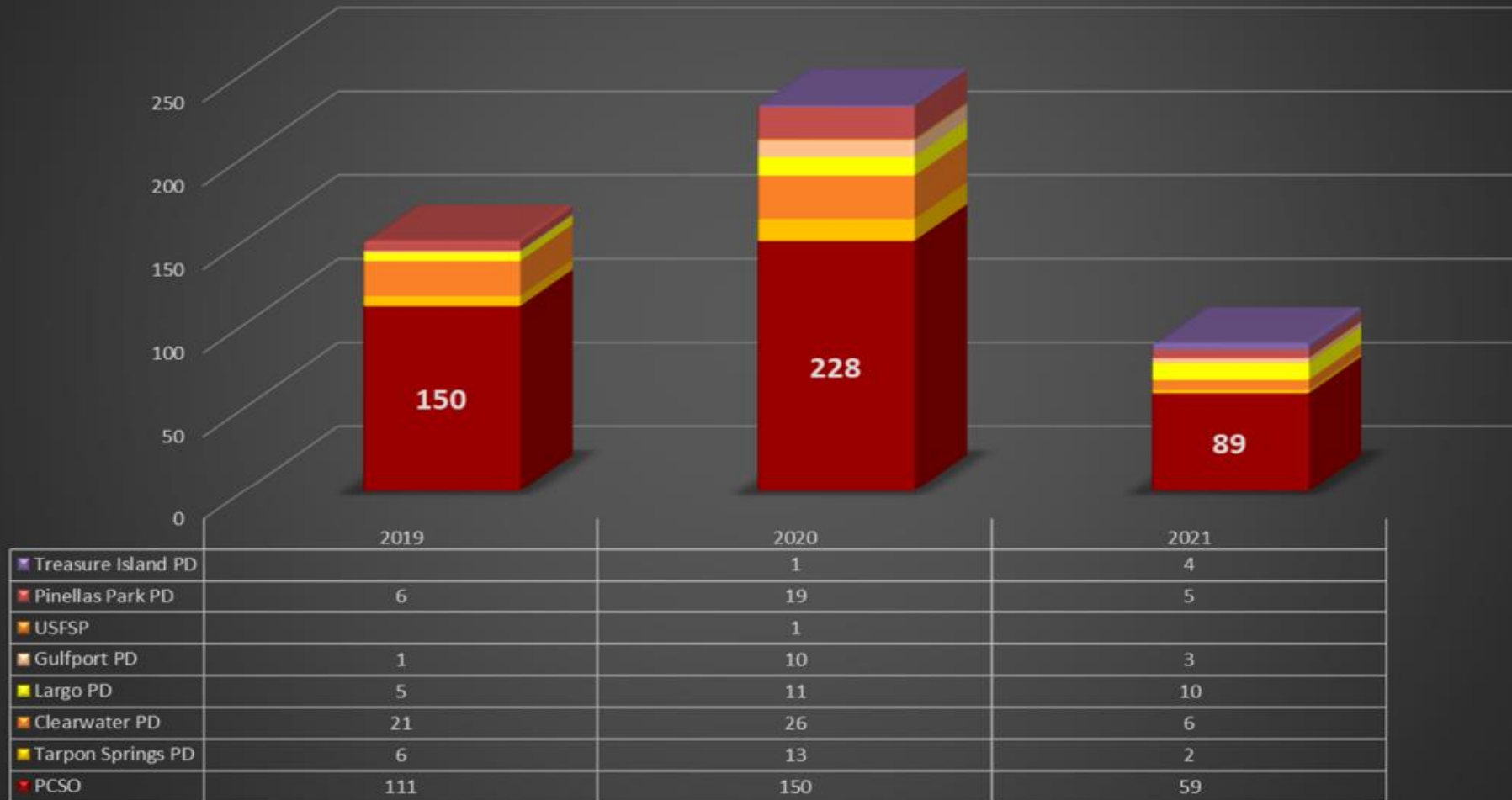




Focused
Zip
Code
Radar

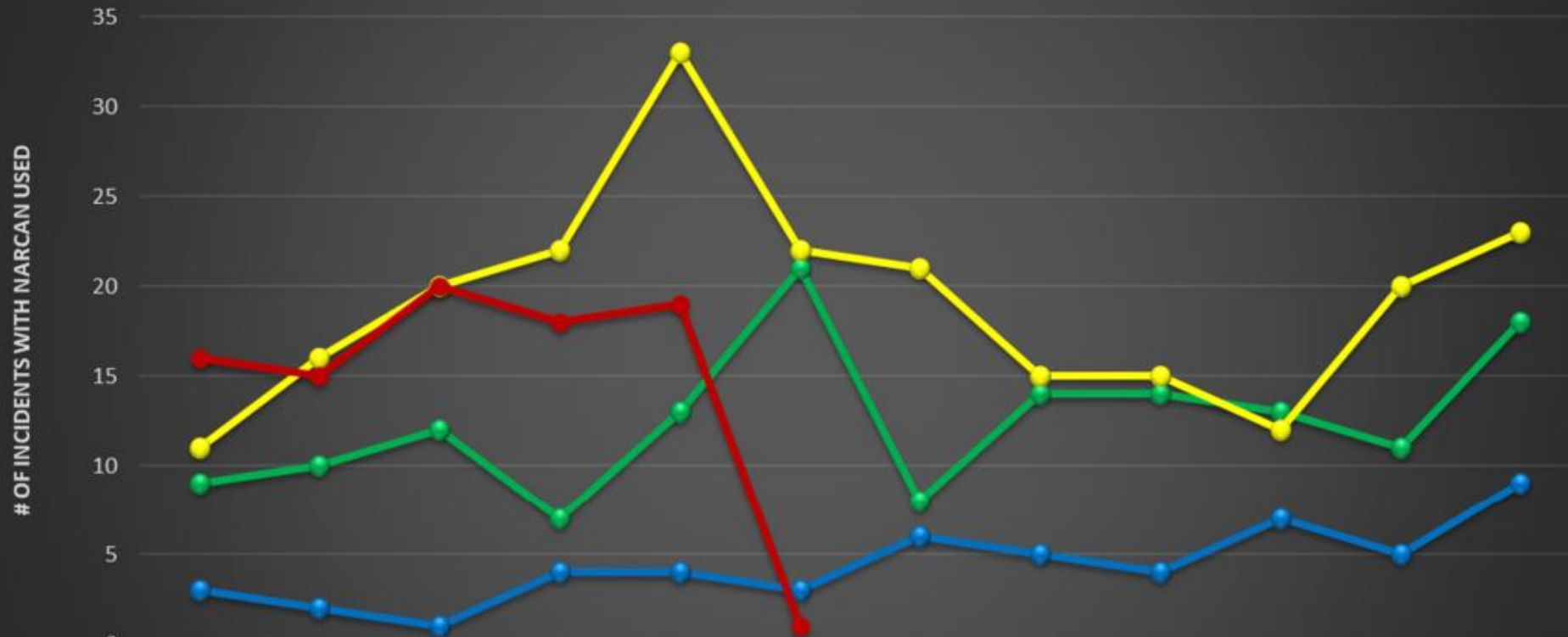
Law Enforcement in Action - # of Incidents

Law Enforcement Reported Incidents
with Narcan Administered (Y2Y Comparison)
as of June 9, 2021



LEO incidents by Month

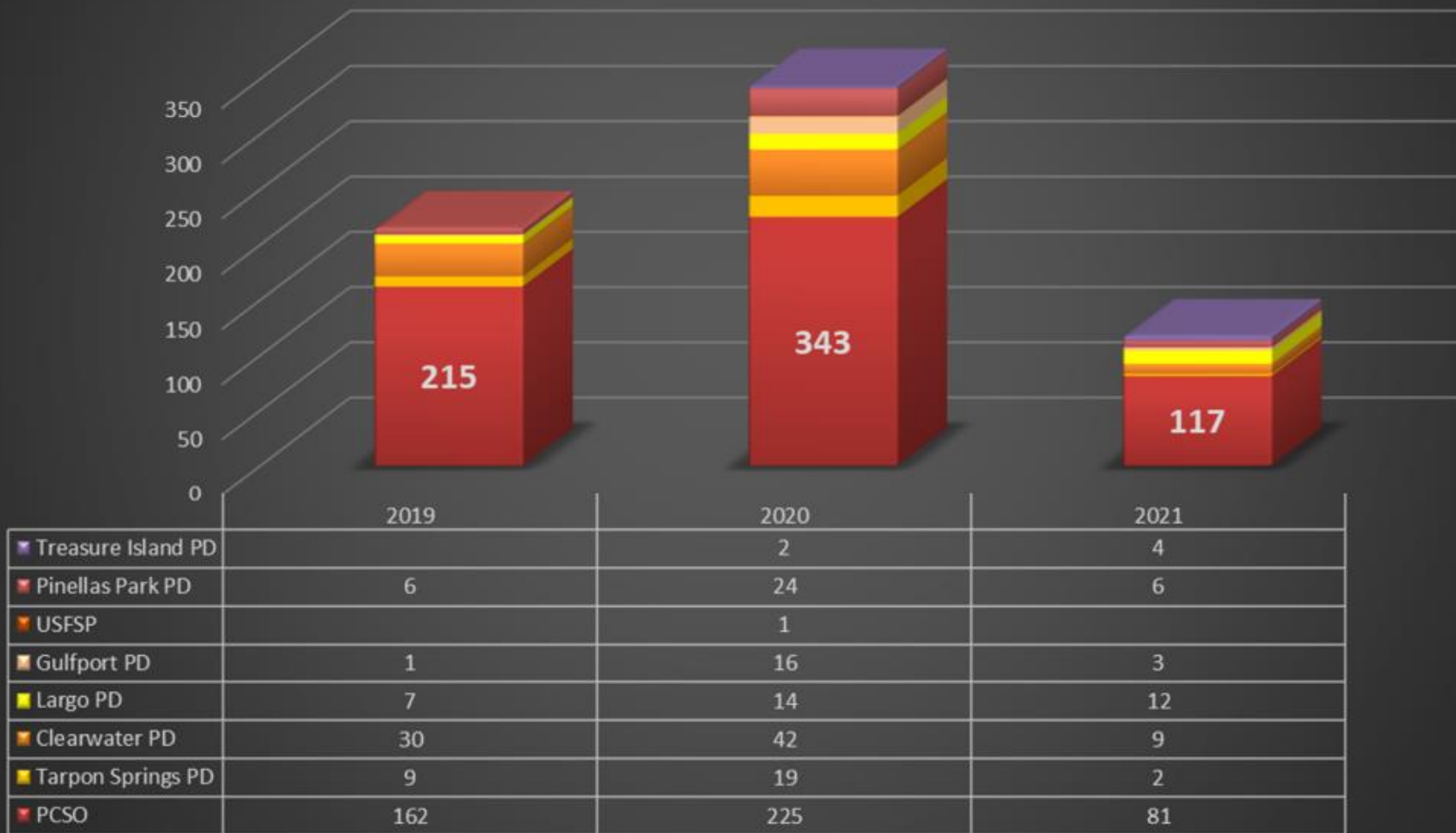
Law Enforcement Reported Incidents
with Narcan Administered (M2M Comparison)
as of June 9, 2021



| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2018 | 3 | 2 | 1 | 4 | 4 | 3 | 6 | 5 | 4 | 7 | 5 | 9 |
| 2019 | 9 | 10 | 12 | 7 | 13 | 21 | 8 | 14 | 14 | 13 | 11 | 18 |
| 2020 | 11 | 16 | 20 | 22 | 33 | 22 | 21 | 15 | 15 | 12 | 20 | 23 |
| 2021 | 16 | 15 | 20 | 18 | 19 | 1 | | | | | | |

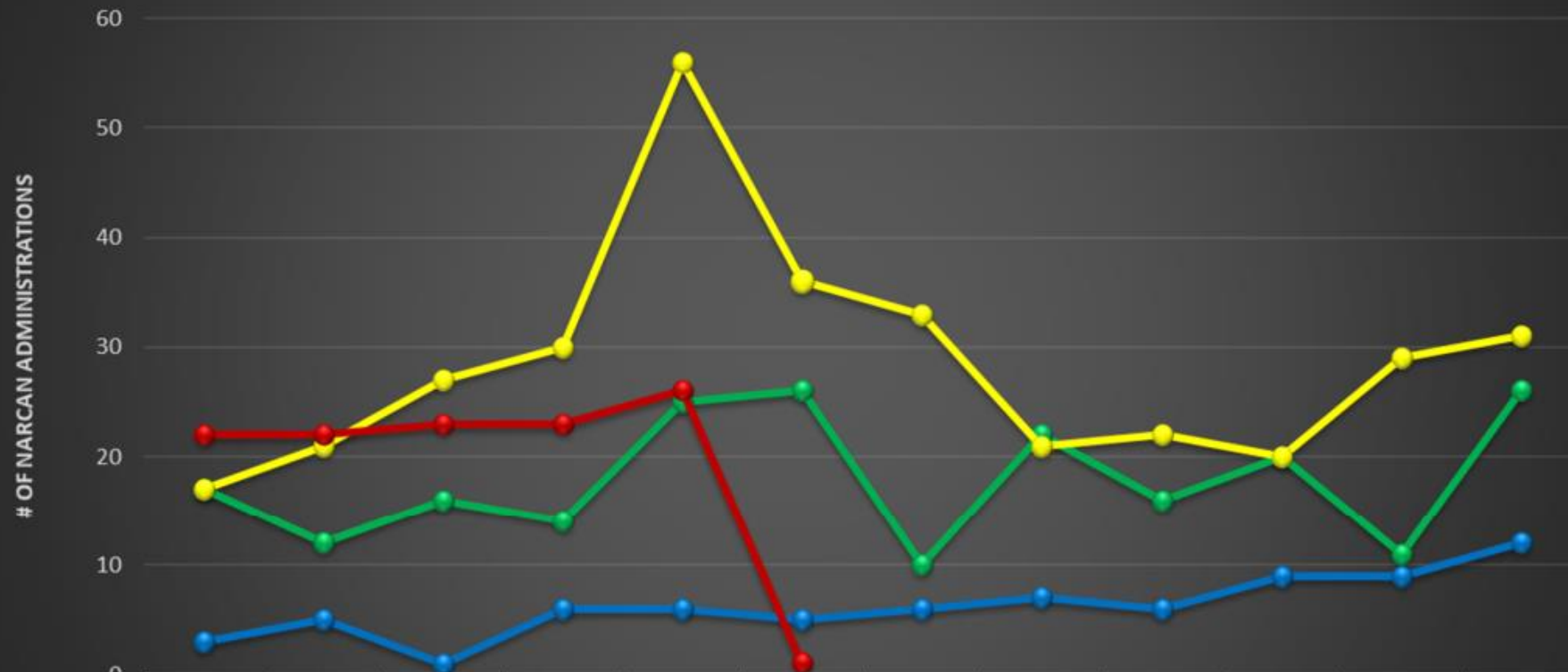
LEO Administrations

Law Enforcement Reported Narcan Administrations
Year-to-Year Comparison
as of June 9, 2021



LEO Administrations by Month

Law Enforcement Reported Administrations
(M2M Comparison)
as of June 9, 2021



| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2018 | 3 | 5 | 1 | 6 | 6 | 5 | 6 | 7 | 6 | 9 | 9 | 12 |
| 2019 | 17 | 12 | 16 | 14 | 25 | 26 | 10 | 22 | 16 | 20 | 11 | 26 |
| 2020 | 17 | 21 | 27 | 30 | 56 | 36 | 33 | 21 | 22 | 20 | 29 | 31 |
| 2021 | 22 | 22 | 23 | 23 | 26 | 1 | | | | | | |

Review from Northwestern
University

NORTHWESTERN U –
HENDRICKS BROWN,
WOUTER VERMEER

USF– KIM JOHNSON, HOLLY
HILLS, CHARLES DION

OPERATION PAR – DIANNE
CLARKE, JIM MILLER,
JONATHAN ESSENBERG,
ANGEL TOMLIN

WASHINGTON U – REBECCA
LEGNICK-HALL

Community and Modeling Approaches to Support Decision Making in Pinellas County

Outline

Update on Status of model building – Wouter Vermeer

Update on Expert Interviews – Holly Hills

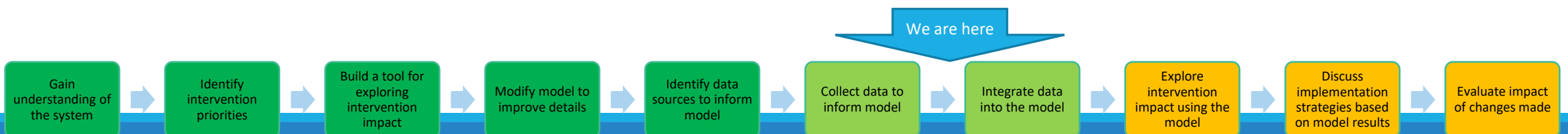
Where we are in the modeling process:

We have:

- ✓ Gained a comprehensive understanding of the system dynamics through our ongoing conversations with stakeholders
- ✓ Identified priorities for intervention in this system by conducting Stakeholder Interviews
- ✓ Built a simple model to explore the prioritized intervention, by building a Narcan distribution model

We are currently extending the simple model to cover the complete system and be informed by data.

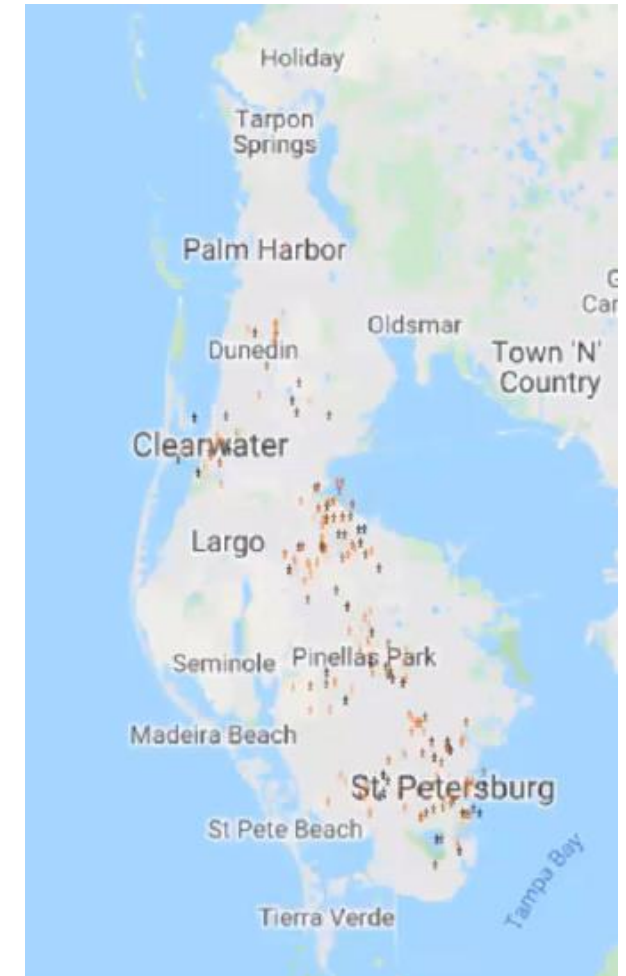
- ✓ We have identified the critical modules that make up the system (see next slide)
- ✓ We have identified the data sources that can inform these modules
- We are actively collecting and incorporating this data into the model



The model in overview

We have identified 8 core modules:

1. **Demographics module:** determining the characteristics and spatial distribution of the people in the model
2. **Social interaction module:** determining how the people interact with each other and their environment
3. **Usage module:** determining the acquisition (supply/demand) and consumption of drugs (use preferences)
4. **OD module:** determining the risk of OD during consumption (mortality causes)
5. **Narcan module:** determining the chance of reversal using Narcan
6. **Care/treatment module:** determining the opioid related care provided
7. **Jail module:** determining the interactions with the jail system among the people in the model
8. **Intervention module:** specifying a set of interventions of which we want to explore the impact



Are we missing anything?

Qualitative Analysis of Stakeholder Interviews: Examination of Pandemic Impact and Rapid Implementation of Policy and Practice Change

- Between November 16, 2020 and January 11, 2021, structured interviews were conducted with 20 community stakeholders
- 35-55 minute structured interviews were recorded and transcribed
- Dr. Hills / Dr. Lengnick-Hall independently reviewed and evaluated themes associated with responses
- Focus of this report follows up on previous preliminary report from March 2021

Change to service delivery for persons with opioid use disorders, during the pandemic?

- Transferring services to a telehealth format (reported by 66% of respondents) - (“service delivery had to migrate to other means”; making a “a total switch to telehealth was very impactful”)
- Moving to ‘take-home’ dosing (by 45% of interviewees) (“.....the fact that we're able to provide extended take-home medication to patients...”)
- The loss of face-to-face contact with clinicians (a conversation...”that's private, could break down barriers more, so I think significantly losing touch with people, one-on-one, has been a challenge”)

Challenges in attempting to implement rapid practice change?

- Training staff / clients re the use of technology, or new treatment guidelines
- Access to needed technology / equipment / private space to engage in telehealth
- Acclimating to delivering services, conducting meetings over Zoom

Potential for Sustainability?

- Continued use of telehealth, continuation of 'accelerated take-home' doses
- Both were considered largely positive changes, as expressed by respondents, increasing access to care and reducing burden
- Continued implementation relies on endorsement and collaboration with funders, policy-makers, oversight administrators

Your Questions, Comments, and Guidance

Our Contacts

Hendricks Brown Hendricks.brown@northwestern.edu

Wouter Vermeer Wouter.Vermeer@northwestern.edu

Kim Johnson kjohnson33@usf.edu

Holly Hills hills@usf.edu

Charles Dion cdion@usf.edu

Rebecca Lengnick-Hall rlengnick-hall@wustl.edu

COSSAP



SIP White Papers



Overdose Data to Action



Deliverables Update

- Welcoming a new face June 2021! We are excited to bring aboard a new OD2A team member!
- 2021 Opioid Toolkits are printed and in transit.
- 2,500 ordered – if you are interested in toolkits, please reach out to marianne.dean@flhealth.gov
- Drawstring backpacks are available as well.

Deliverables Update

- Office of Overdose Prevention is now back in office full time after serving alongside COVID-19 vaccination efforts from Jan-May 2021.
- OD2A is engaged in outreach activities which will be steadily picking up.

Deliverables Update

- The APP is currently undergoing legal oversight to ensure that any functions and options are safe, secure, and that the partnering APP builder adheres to strict terms and conditions regarding data collection or sharing.
- ETA is TBD as these topics must be thoroughly addressed.
- Efforts to coordinate the increase of opportunities for MAT remain a priority and have been steadily increasing.

Narcan[®] Emergency Kit Program

- The Narcan[®] Emergency Kit is a small metal box that can either be kept on a shelf or mounted on a wall for easy access to your staff.
- Restrictions may apply (not for residential use).
- Contact Kelci.Tarascio@flhealth.gov to determine if your site qualifies for these kits.



We Welcome Questions!

- **This slide concludes the presenter's portion.**
- We welcome questions about any of the topics you heard today.
- Please direct questions to Marianne @ marianne.dean@flhealth.gov.
- **A copy of this presentation, including meeting notes, will be provided to all members attending today.**

