

Caring Place Data Graphs

By: Ahana & Iris



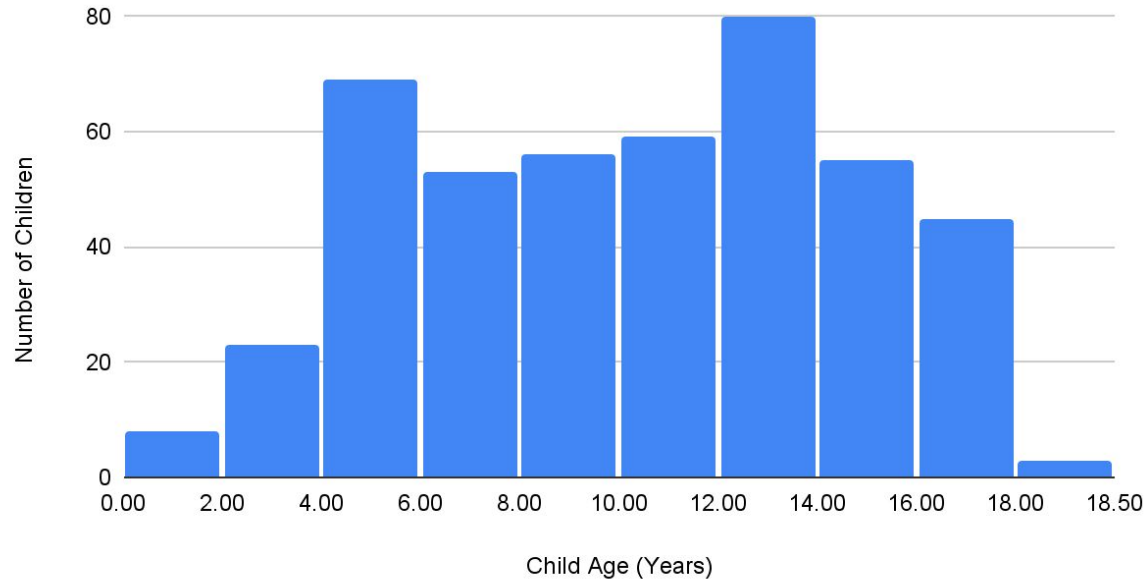
Recap of Client Analysis

1. Cleaned data for types of abuse
 - a. For children who experienced types of abuse, created duplicate lines to adequately represent all types of abuse
2. Analyzed and visualized the main demographics of the children who came in
 - a. Race
 - b. Age
 - c. Gender
3. Visualized and determined cases that client receives on a yearly basis and month
 - a. Year Seen
 - b. Month Seen



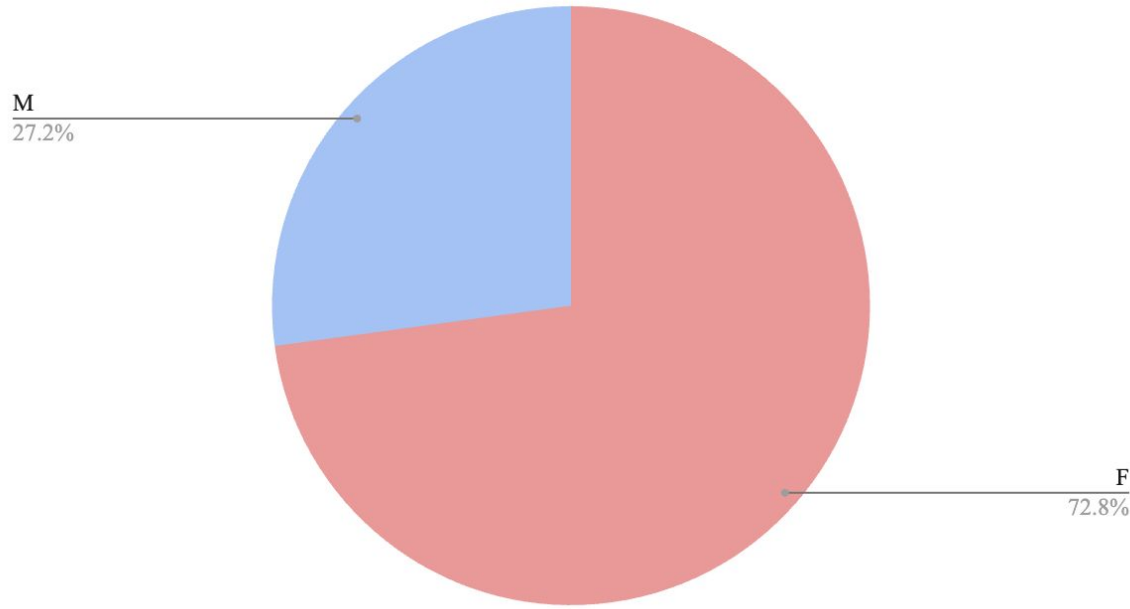
Age (Child)

Child Age Distribution



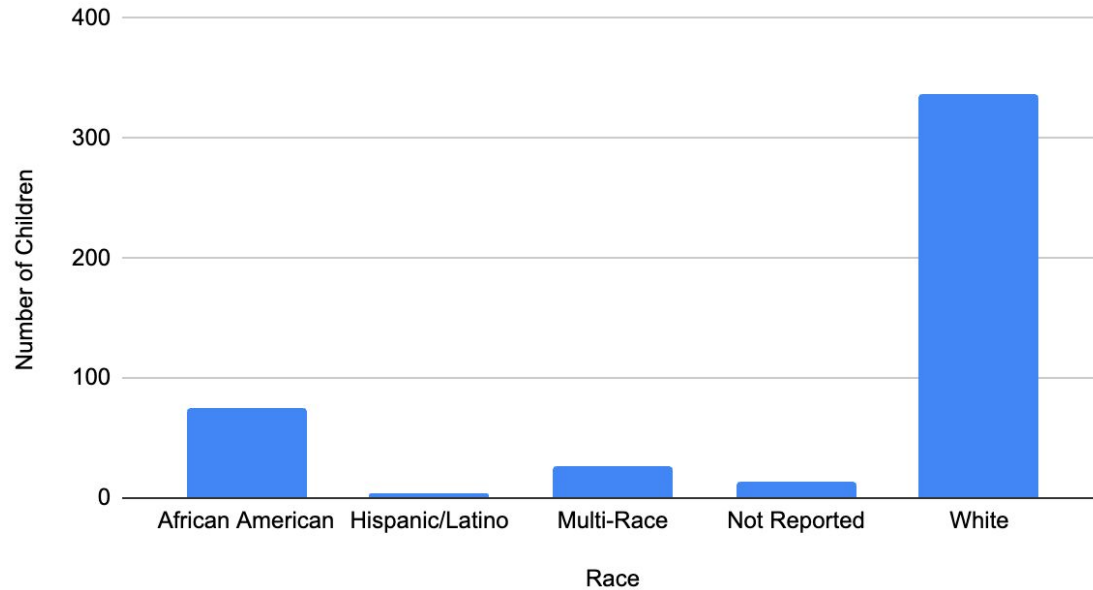
Gender (Child)

Child Gender



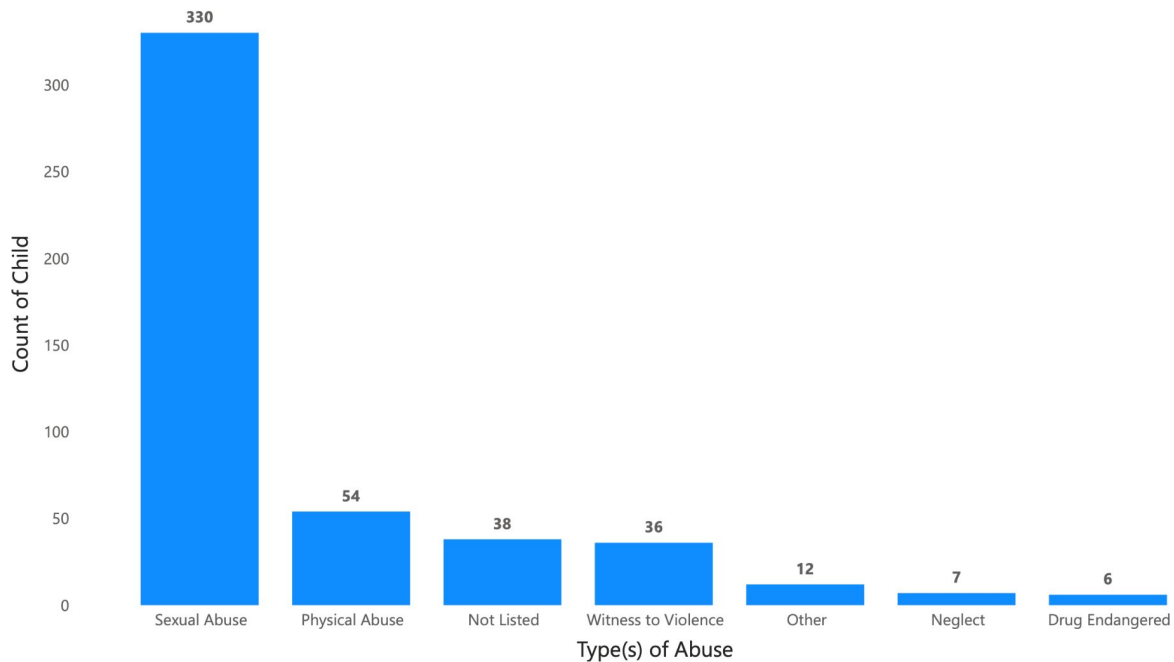
Race (Child)

Child Race

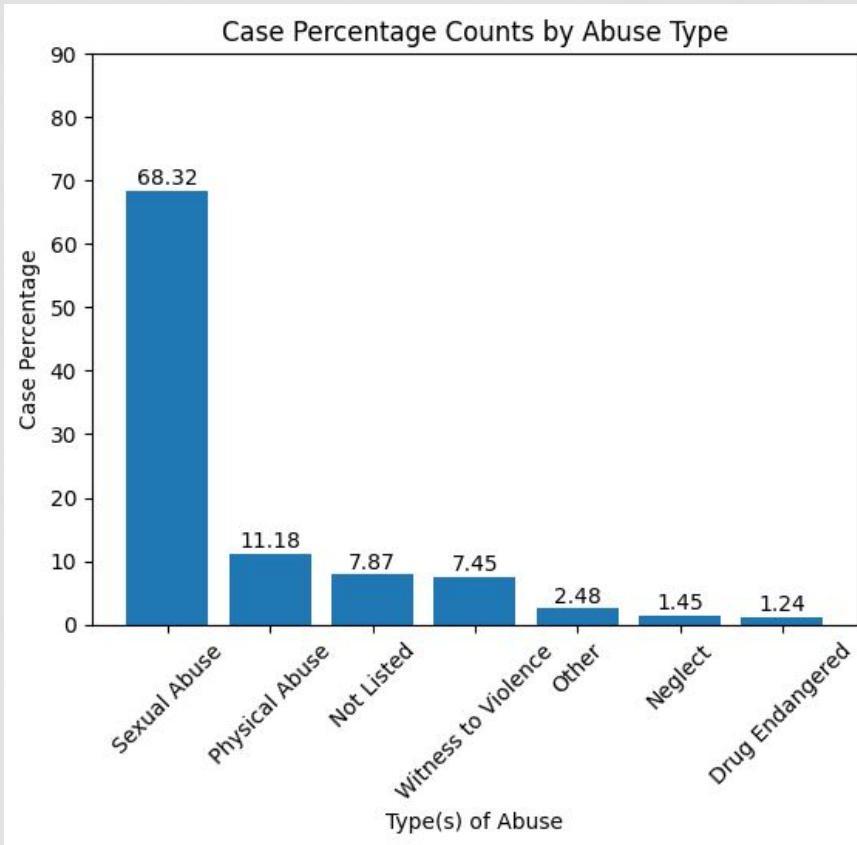


Types of Abuse

Types of Abuse Cases Seen

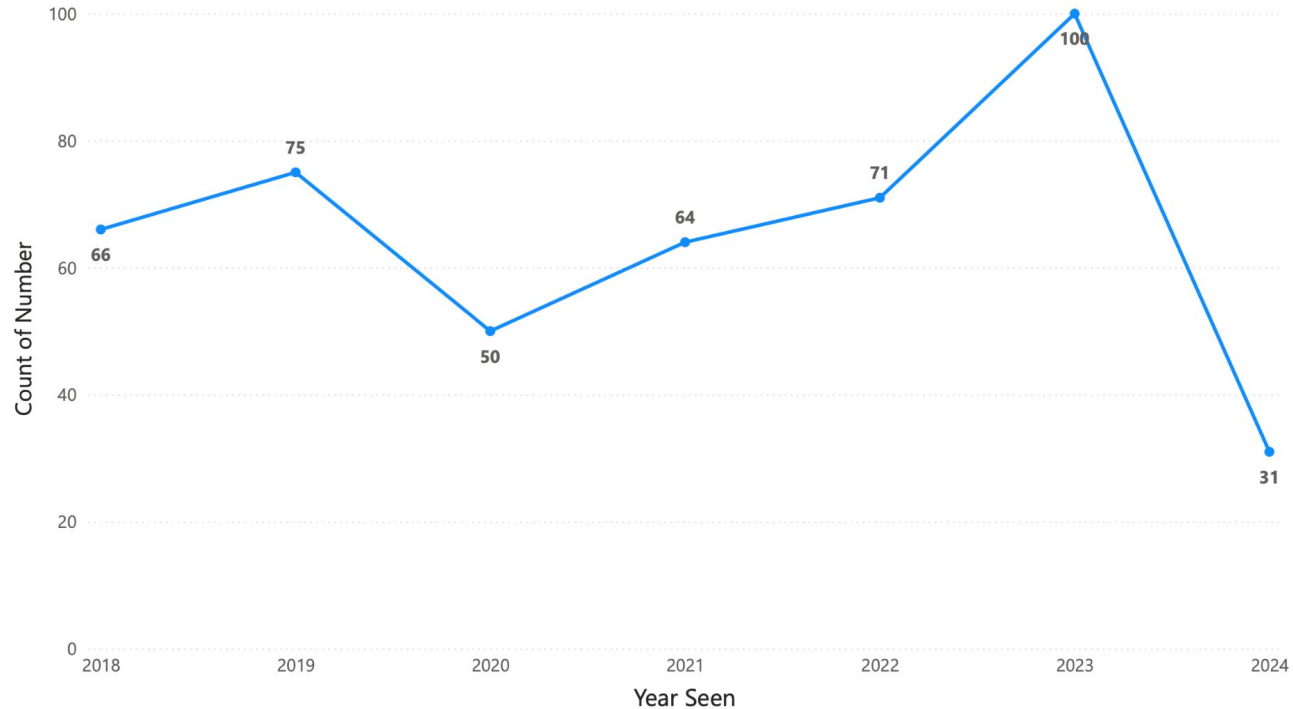


Type of Abuse (Percentage)



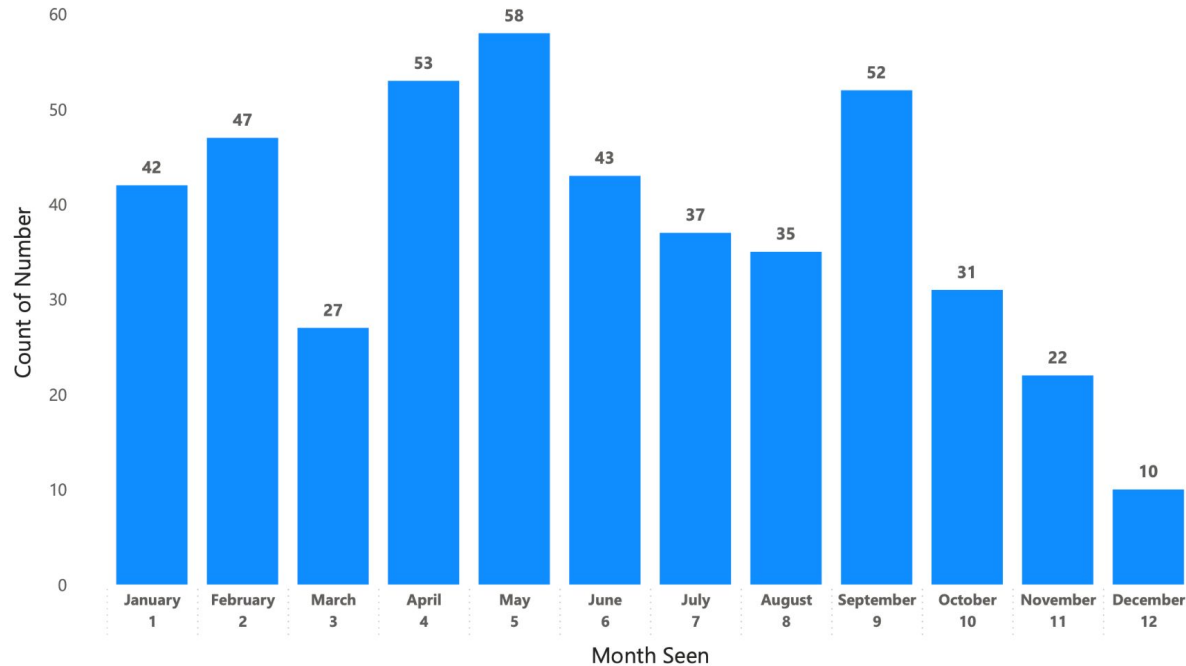
Cases by Year

Cases by Year (2018-2024)



Cases by Month

Cases by Month



Interaction Graphs

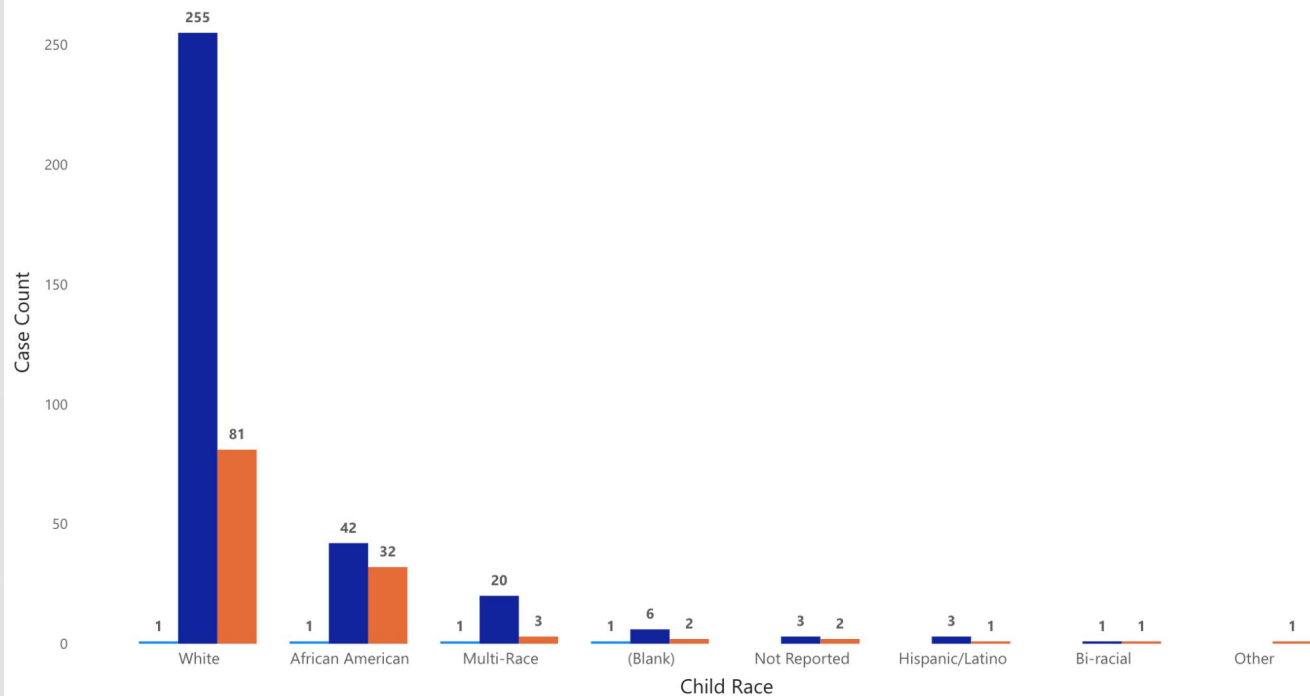
- Worked on studying the interaction of various variables in client data to draw conclusions
- Especially studied sexual abuse as it was the most prevalent abuse seen among children for the client



Race & Gender

Case Count by Child Race and Child Gender

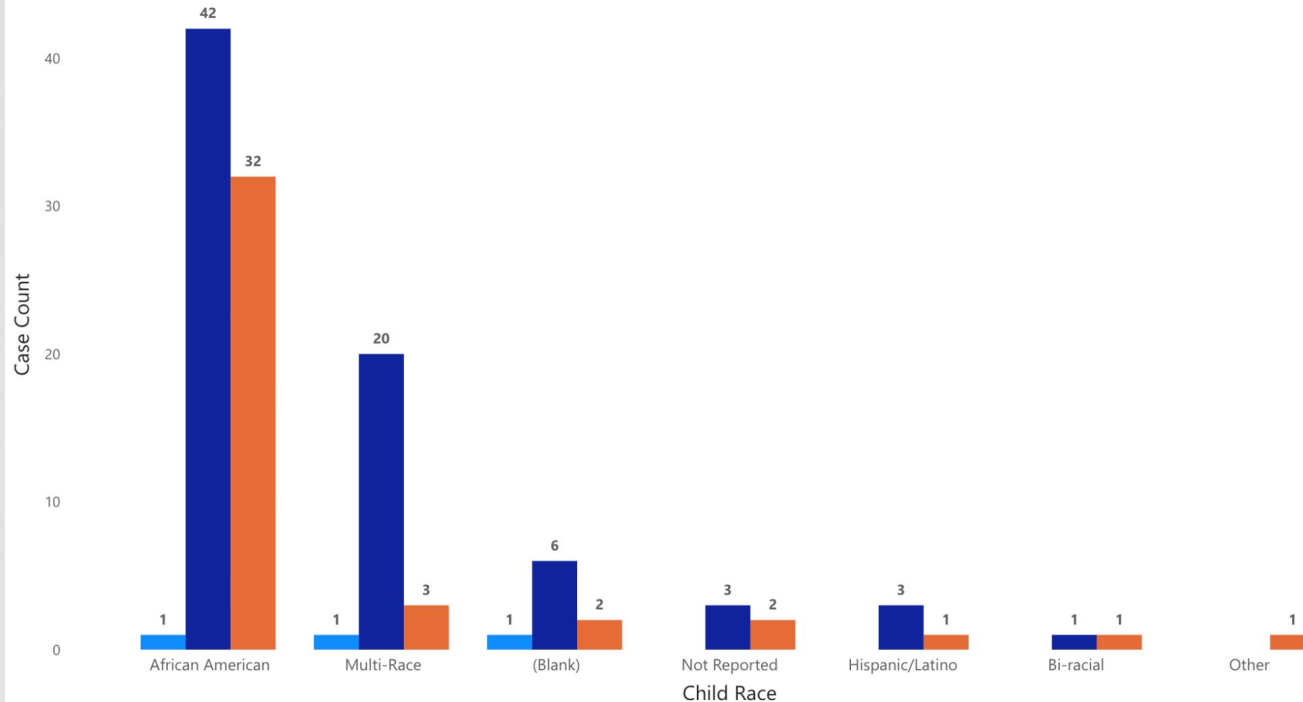
Child Gender (Blank) F M



Race & Gender (Without White)

Case Count by Child Race (Without White Race) and Child Gender

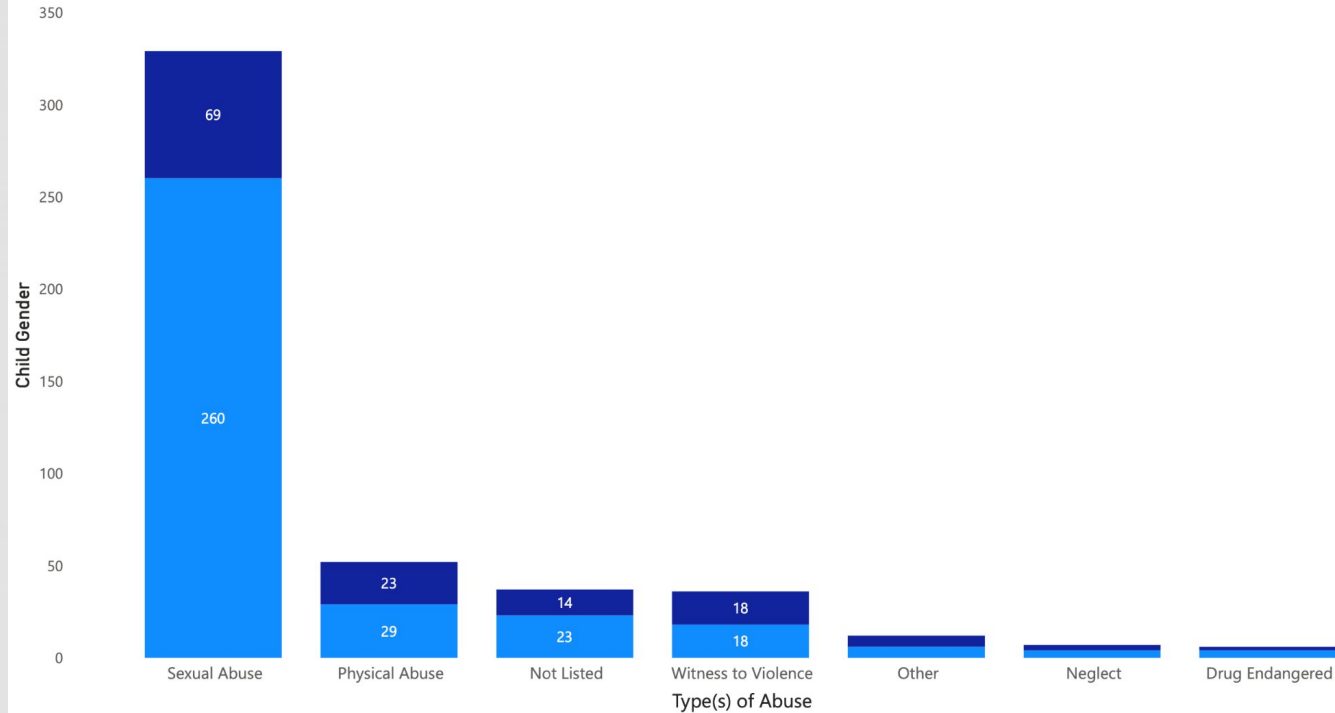
Child Gender (Blank) F M



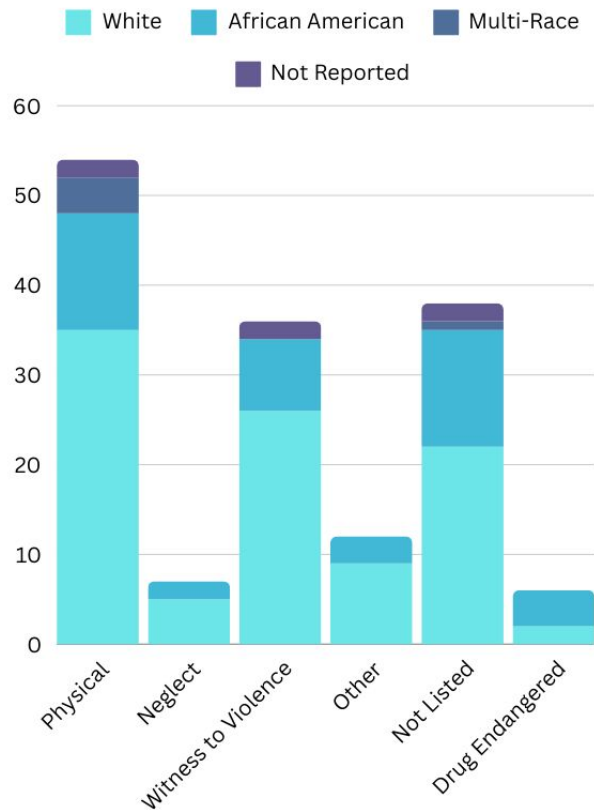
Abuse by Gender

Types of Abuse by Gender

Child Gender ● F ● M



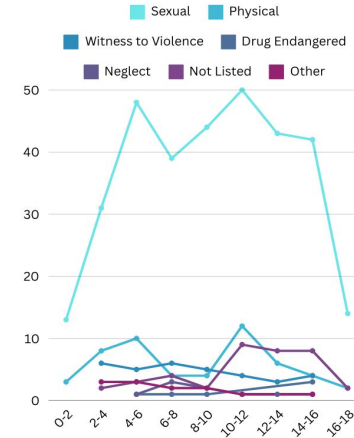
Type of Abuse vs. Race



**Sexual abuse excluded



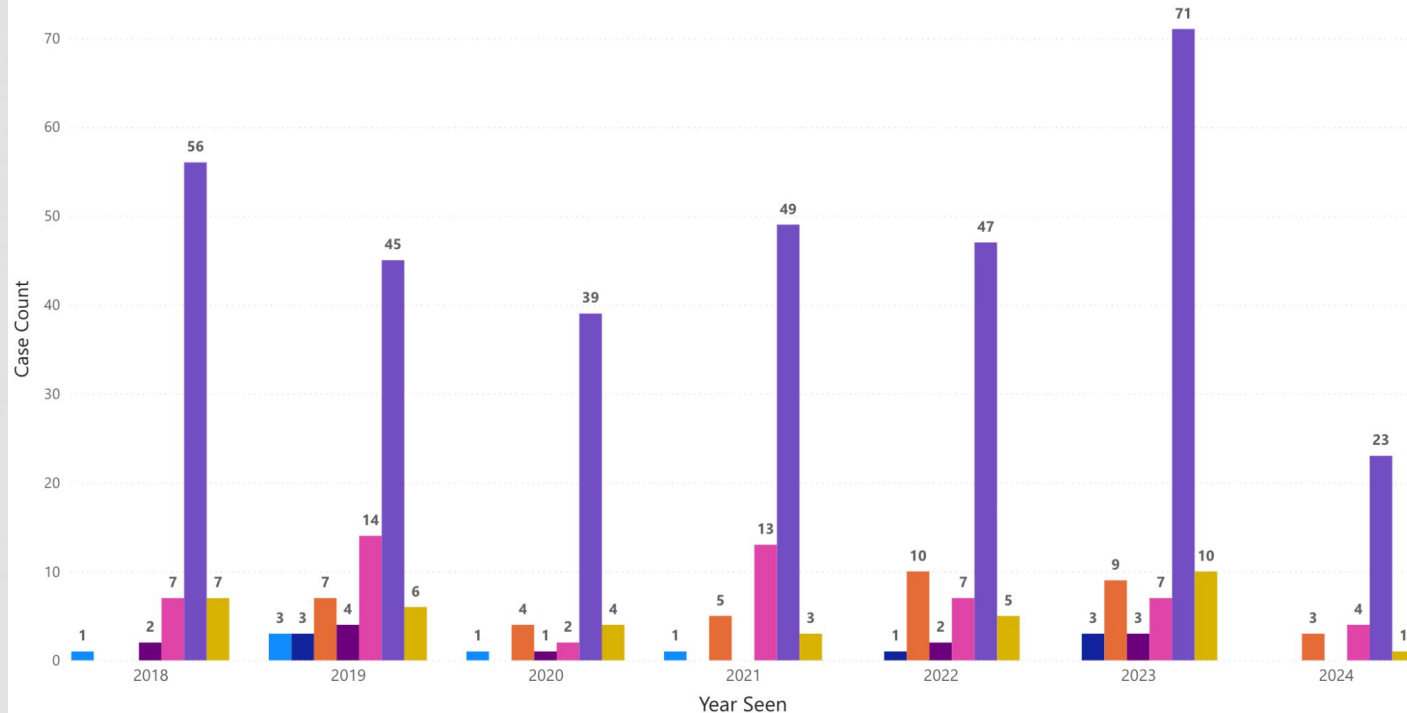
Type of Abuse by Age



Case Counts by Year by Types of Abuse

Count of Cases by Year Seen by Types of Abuse

Type(s) of Abuse ● Drug Endangered ● Neglect ● Not Listed ● Other ● Physical Abuse ● Sexual Abuse ● Witness to Violence

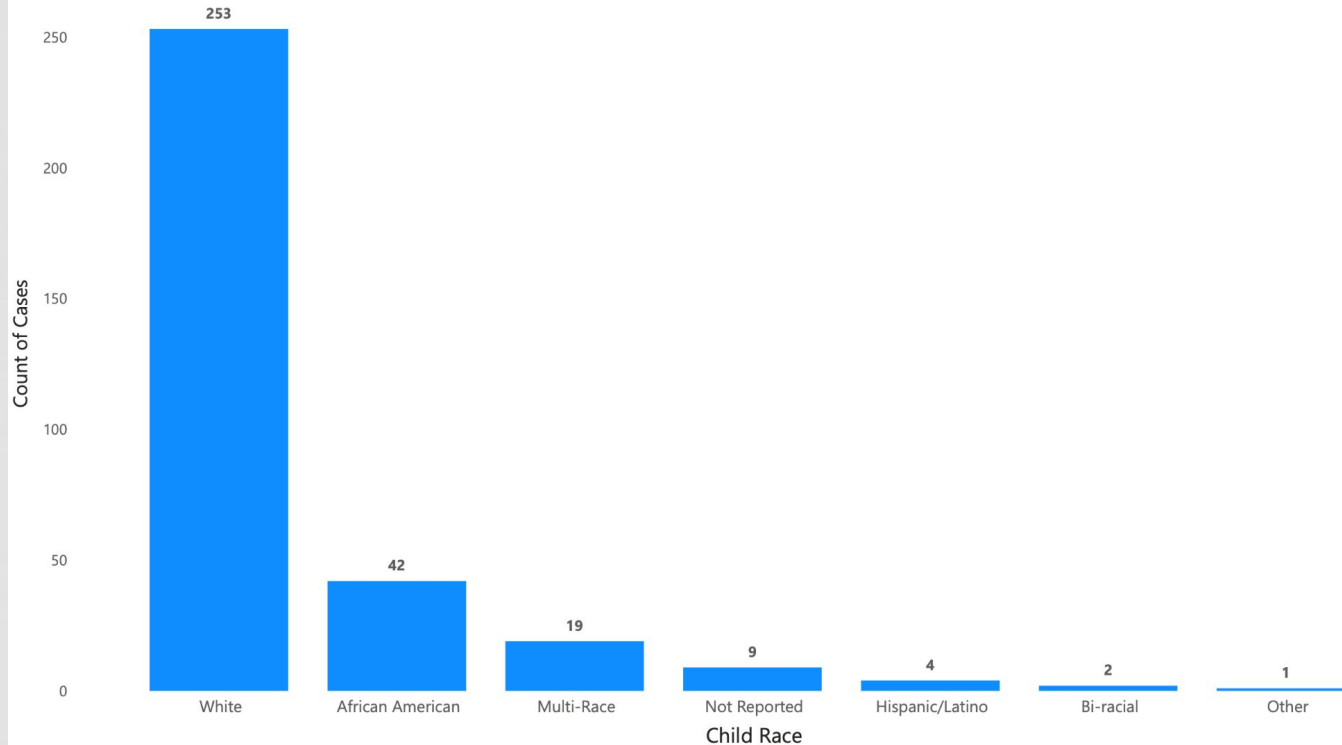


Sexual Abuse Exploration

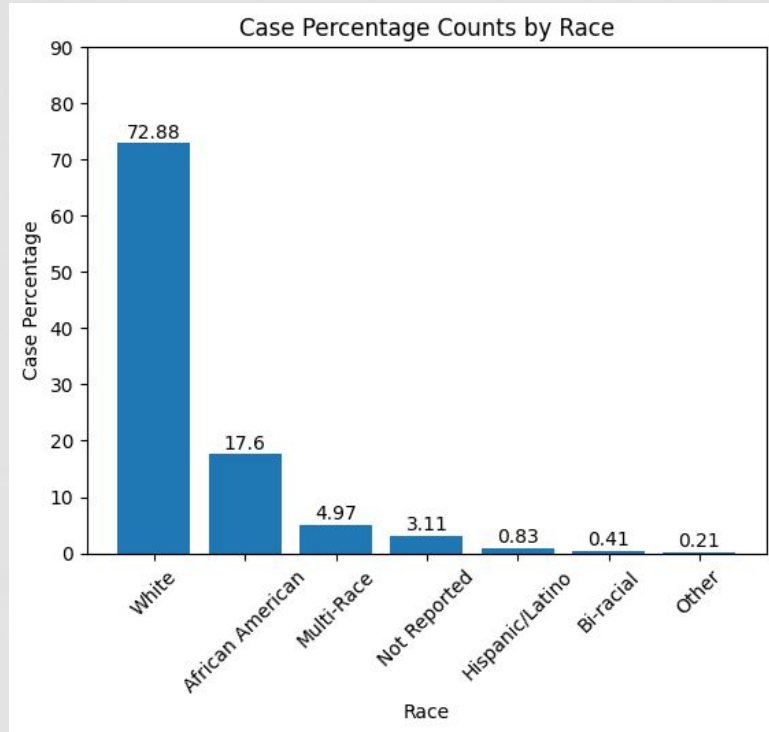


Sexual Abuse by Race

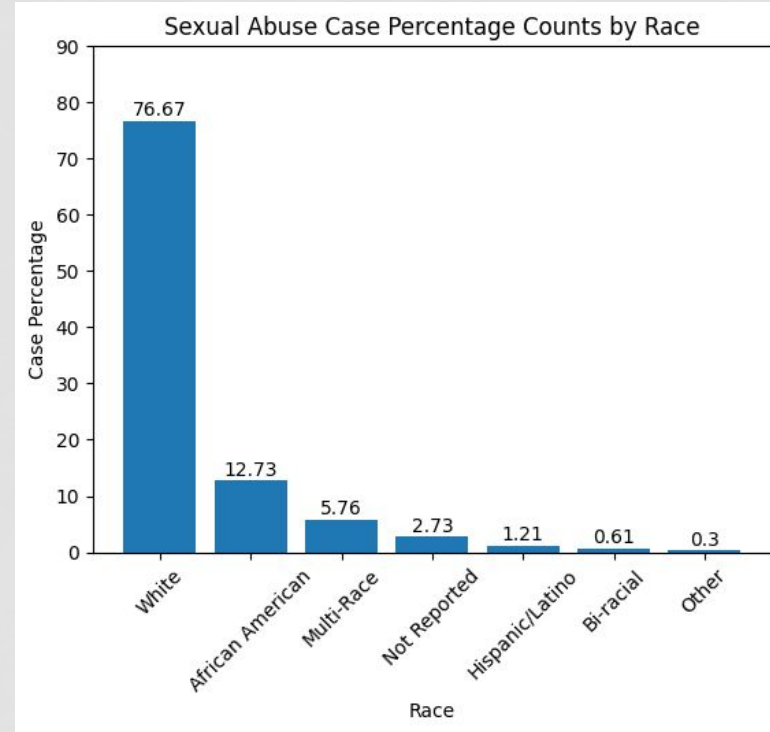
Count of Sexual Abuse Cases by Race



Sexual Abuse by Race Percentages



All Types of Abuse by Race Case Percents

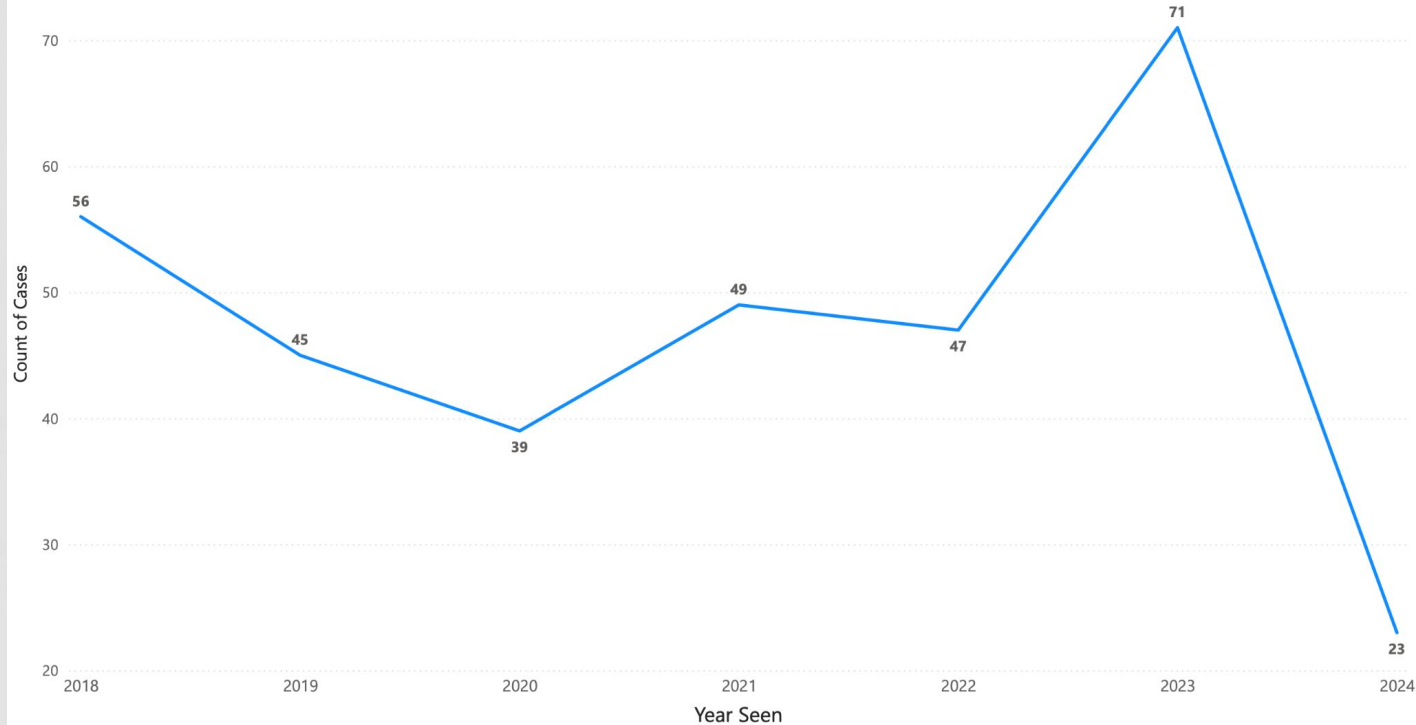


Sexual Abuse by Race Case Percents

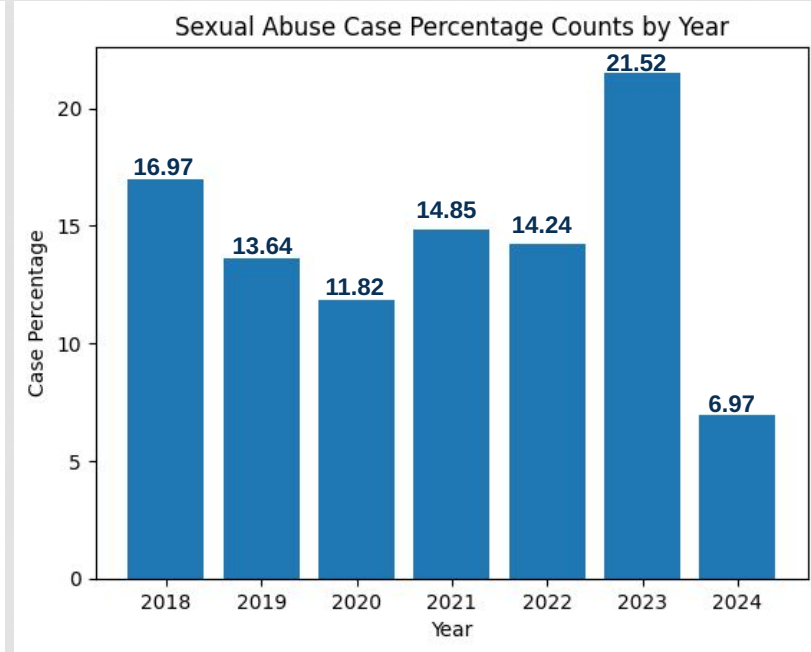
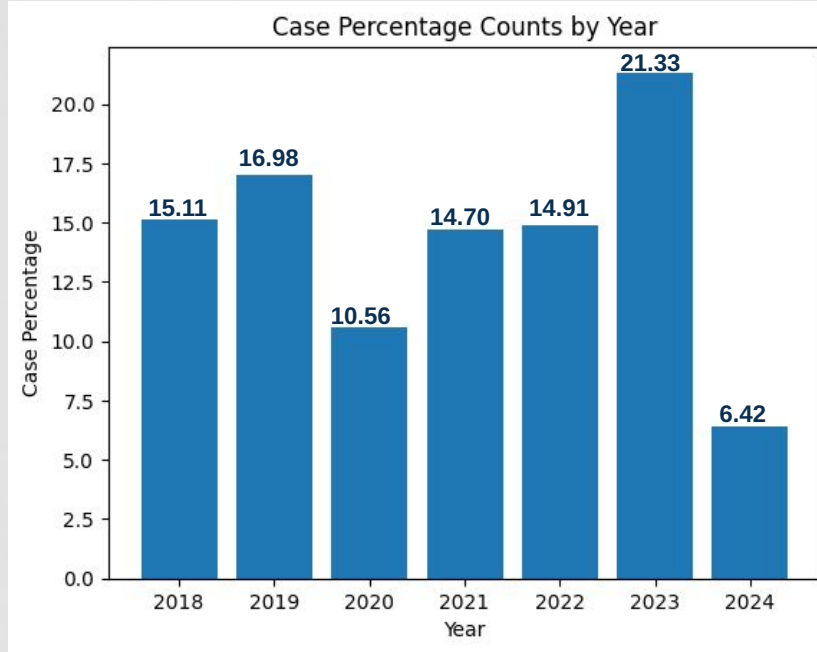


Sexual Abuse by Year

Sexual Abuse Cases by Year



Sexual Abuse by Year Percentages



Sexual Abuse Case Distributions from 2018-2024
compared to total case distributions 2018-2024



State/National Exploration



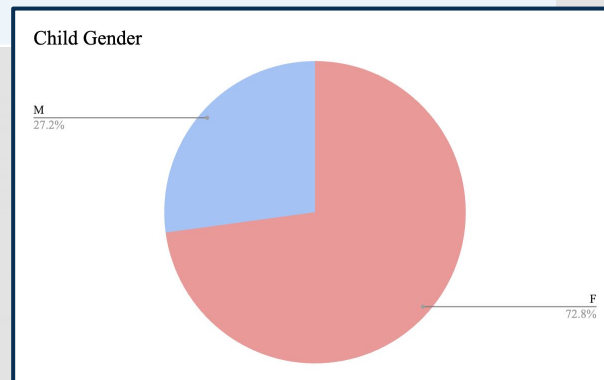
National Statistics





Source: National Children's Alliance

This indicates that there are about three times as many girls as boys experiencing child abuse in the US, which is consistent with data from A Caring Place (right)





More than **550,000 children** are known to **U.S. authorities to be abused.**

An estimated 558,899 children (unique incidents) were victims of abuse and neglect in the U.S. in 2022, the most recent year for which there is national data. That's 8 children out of every thousand.

Source: National Children's Alliance



Child abuse is deadly.

In 2022, an estimated 1,990 children died from abuse and neglect in the United States, a number consistently on the rise over the previous five years.ⁱ Boys have a higher child fatality rate at 3.26 per 100,000 compared to girls at 2.25. African-American child fatalities (6.37 per 100,000) is over three times greater than that of white children (1.99), and nearly four times greater than Hispanic children (1.68).

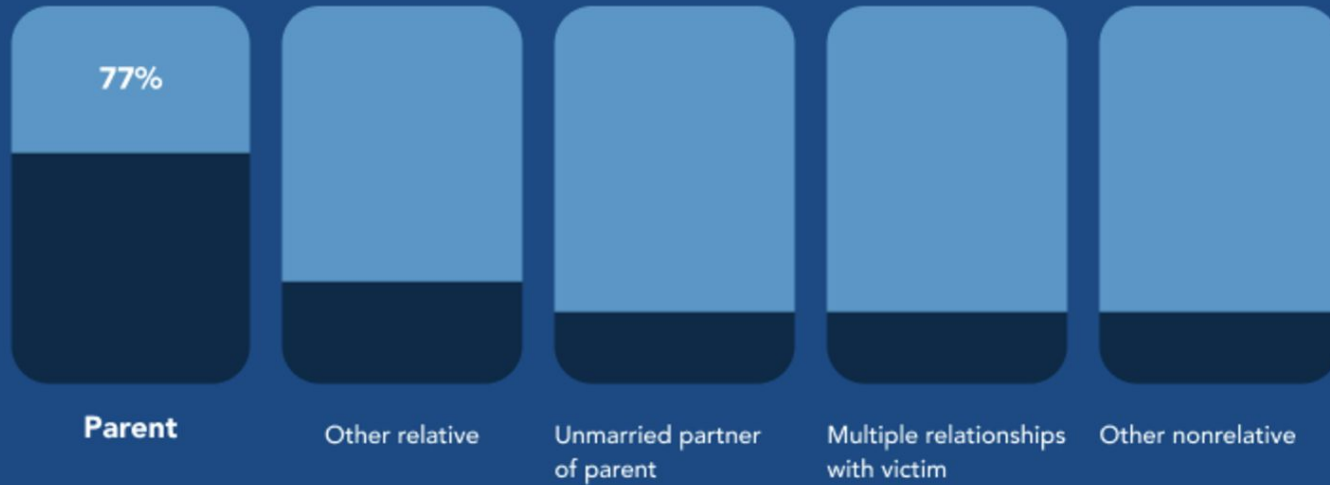
Child abuse is costly to society.

Nearly half of all U.S. children experience at least one type of childhood trauma.^{iv} That exacts a toll on children, their caregivers, and their community, and our country as a whole also pays a price. Quite literally: In addition to the physical, emotional, and social costs of child abuse, it also carries economic costs.^v

Source: National Children's Alliance



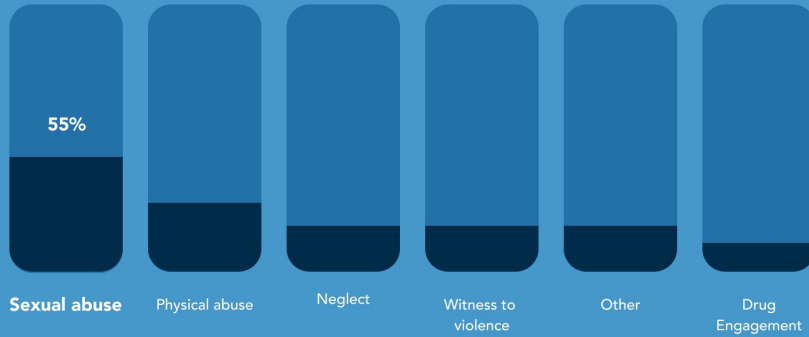
The majority of offenders are a parent to the victim.



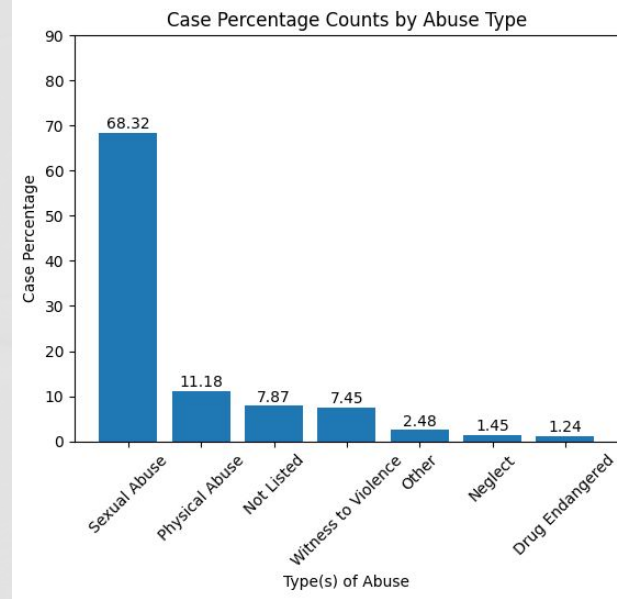
Source: National Children's Alliance



Nearly two-thirds of all cases CACs handle involve child sexual abuse.



Source: National Children's Alliance



The rates of types of abuse are similar for national cases and A Caring Place, but sexual abuse represents a larger percentage for A Caring Place. This may indicate a slight under-representation of other abuse types and further investigation/focus on recognizing signs of other abuse types would be impactful



Interventions

- Children's Advocacy Centers (CACs) heal over 200,000 kids per year
- **75%** of kids who had PTSD at the first appointment no longer had it at the last follow-up
- CACs educate nearly 2 million people each year, preventing abuse
- Children with problematic sexual behaviors also get help at CACs (98% never go on to hurt another child)



Pennsylvania Statistics



Charged Cases Between 2019-2023

Between 1/1/2019 - 12/31/2023:

32,075 child abuse defendants
were charged in

36,386 cases
with

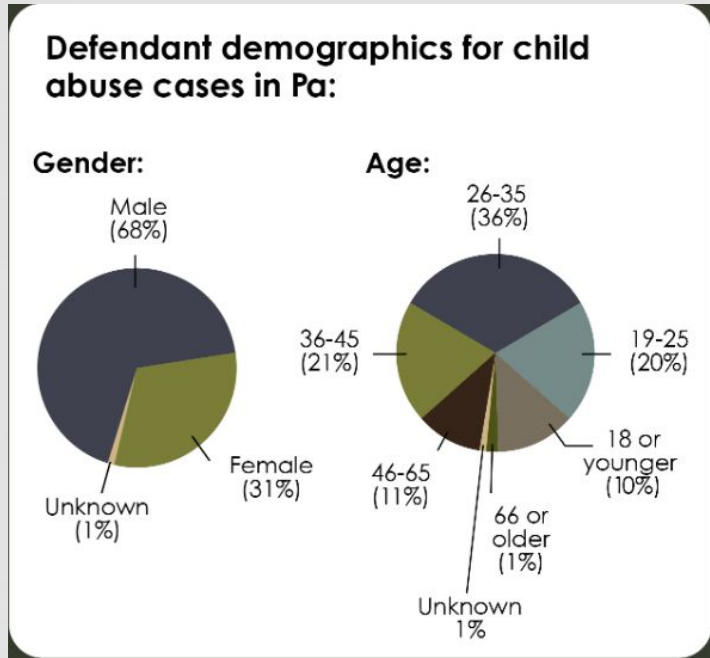
10,915 convictions.

Source: PA Courts

<https://www.pacourts.us/news-and-statistics/news/news-detail/1171/a-look-at-pennsylvania-child-abuse-data-during-child-abuse-awareness-month#:~:text=Under%20Pennsylvania's%20child%20abuse%20laws,endangering%20the%20welfare%20of%20children.>



Defendant/Offender Demographics



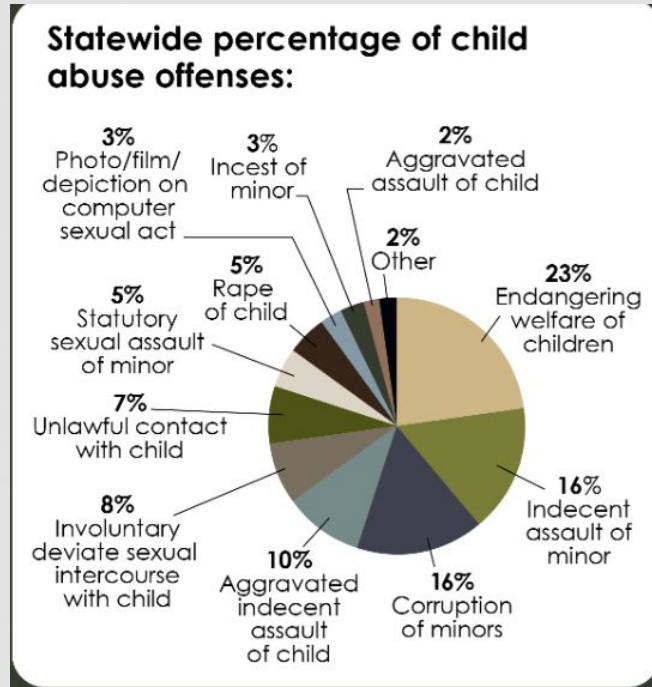
Source: PA Courts

Notes:

- Should look more into defendant/offender statistics to compare Pennsylvania findings to the cases seen with A Caring Place



Types of Abuse Reported



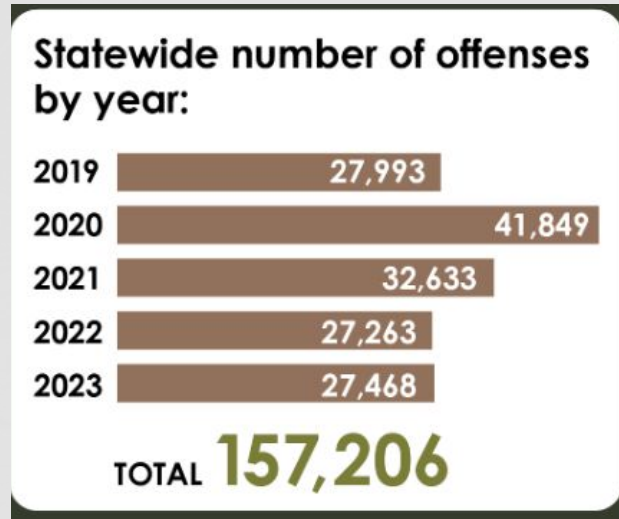
Source: PA Courts

Notes:

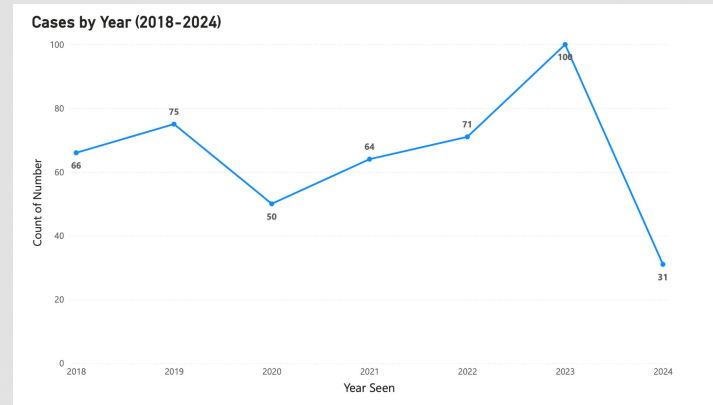
- The majority of cases seem to be regarding sexual abuse statewide which matches with the trend seen with A Caring Place
- The types of sexual abuse are narrowed down by specificity



Statewide Offenses By Year



Source: PA Courts



A Caring Place

We can see a opposite finding, in which 2020 seemed to have the highest state-wise offense rate while A Caring Place reported the lowest cases seen that year



Extra Data Links to Look Statewise

Link:

<https://datacenter.aecf.org/data/tables/5184-child-abuse-and-neglect--number-of-reported-cases-by-age-group#detailed/2/any/false/2545,1095,2048,574,1729,37,871,870,573,869/214,8165,8166,8167,8168,8169,4745,8170/11653>

Provides data on children, youth, and families harmed by child abuse in Pennsylvania; can isolate by year, child age range, and other factors as well as download raw data and other map/line graph visualizations.

