

Behavioral Health Aspects of Youth Fire Intervention

Oregon Fire Prevention Workshop
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Overview

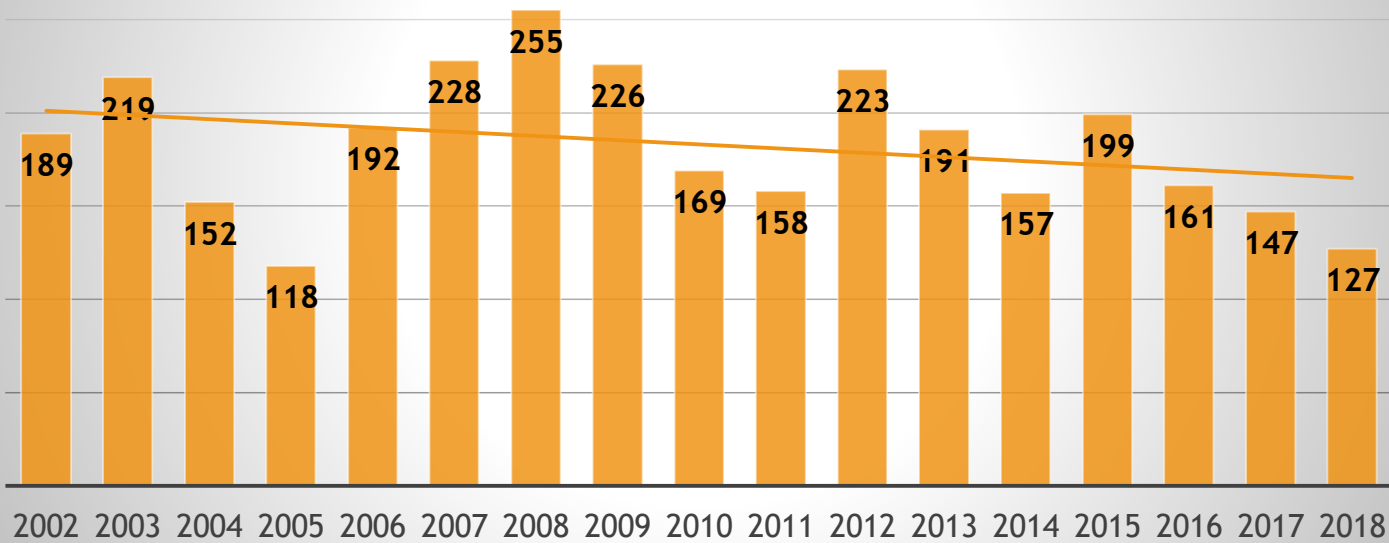


- Youth Firesetting Prevalence
- Common Behavioral Disorders
- Symptoms of the Disorders
- Intervention Tips for Working with Affected Families

Age as a Factor and Playing with Hear Source



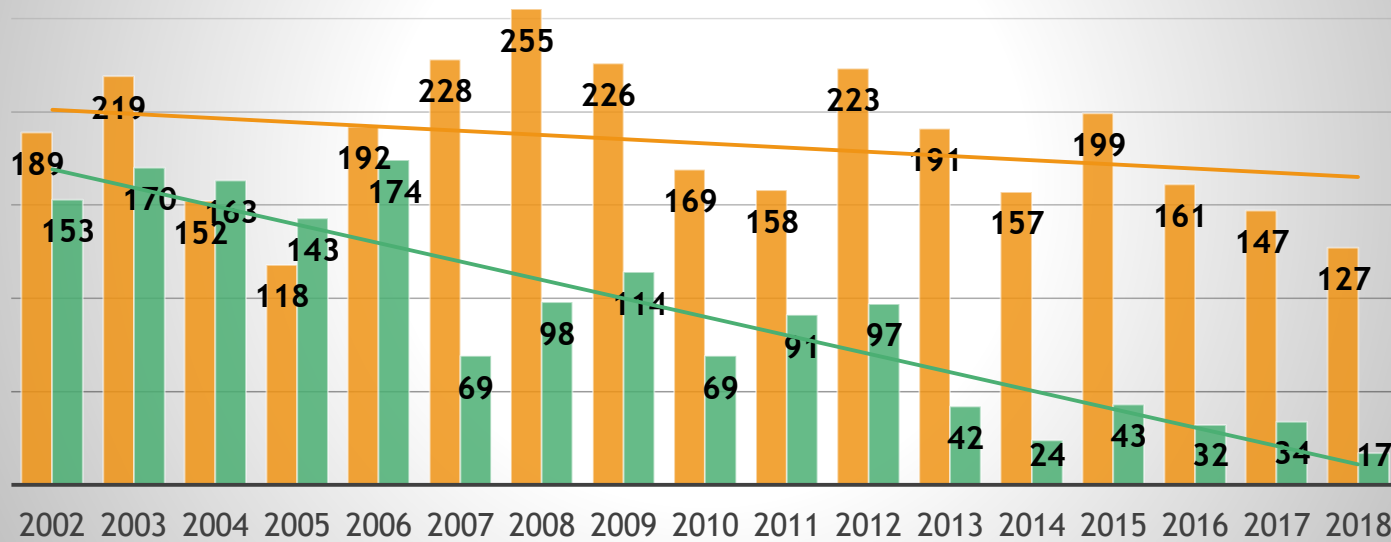
MN Youth Set Fires



Fires vs Juvenile Arson Arrests



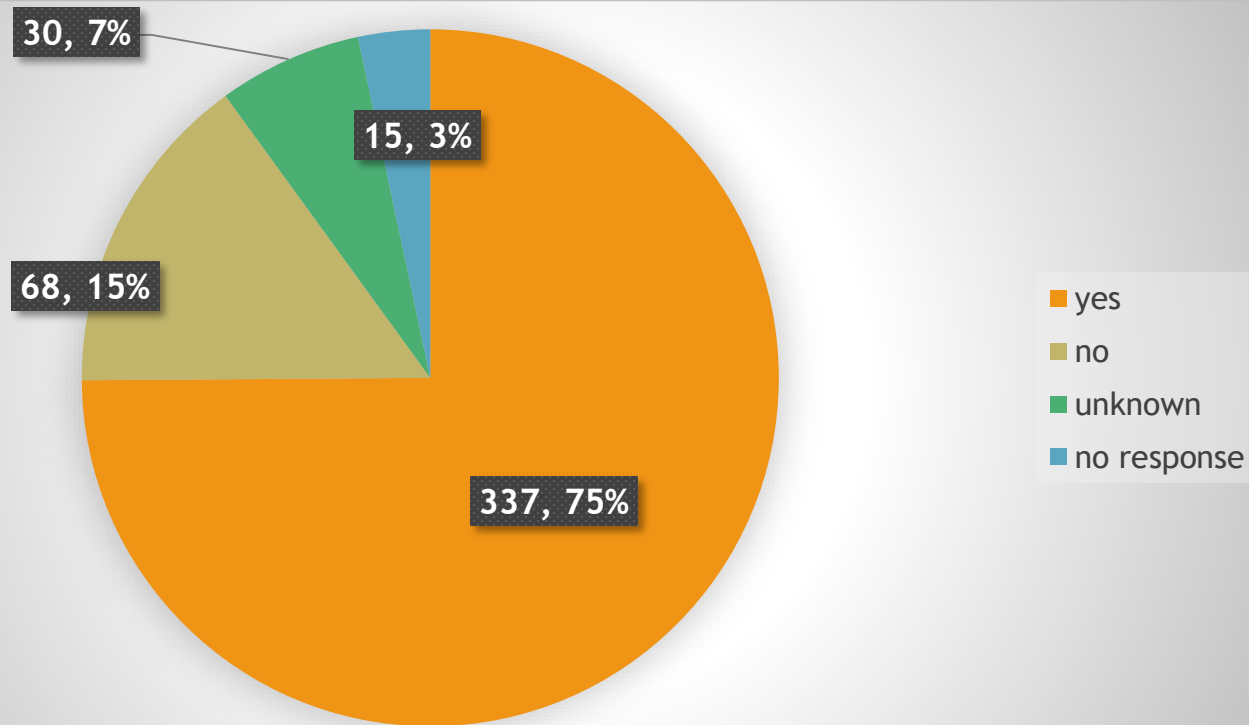
MN Youth Set Fires vs Arrests



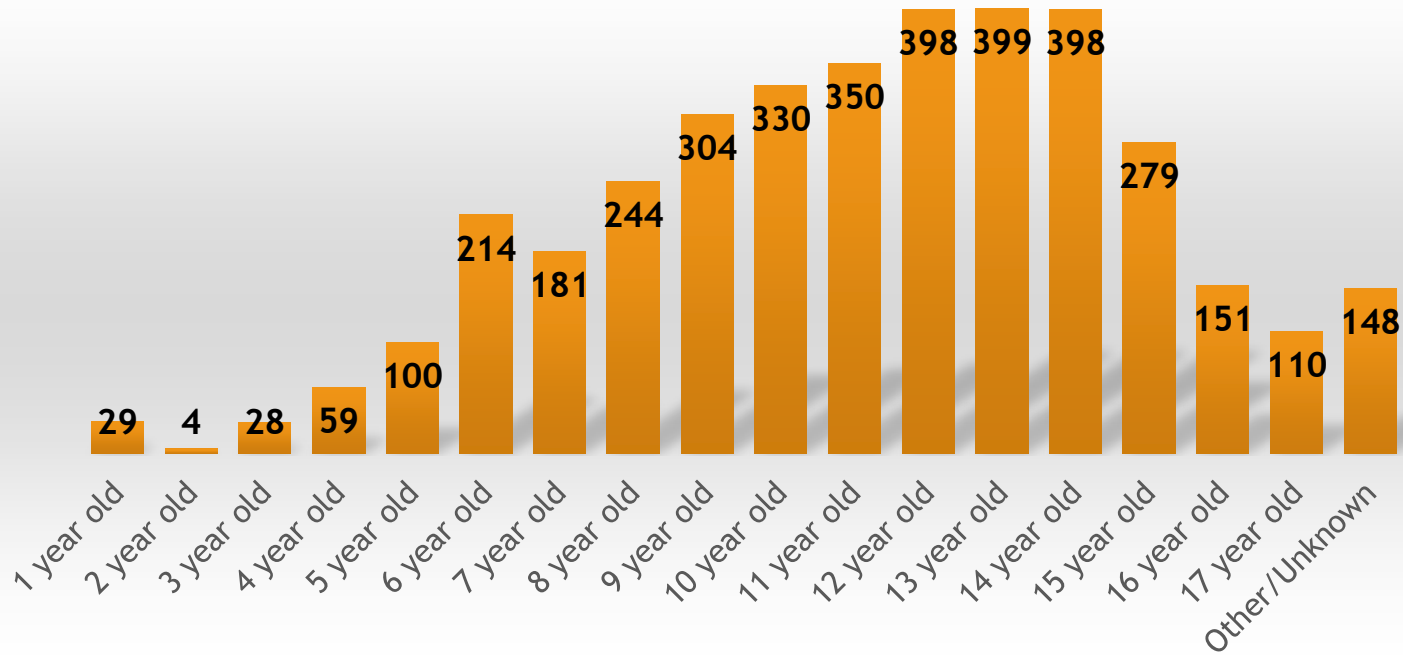
National Data



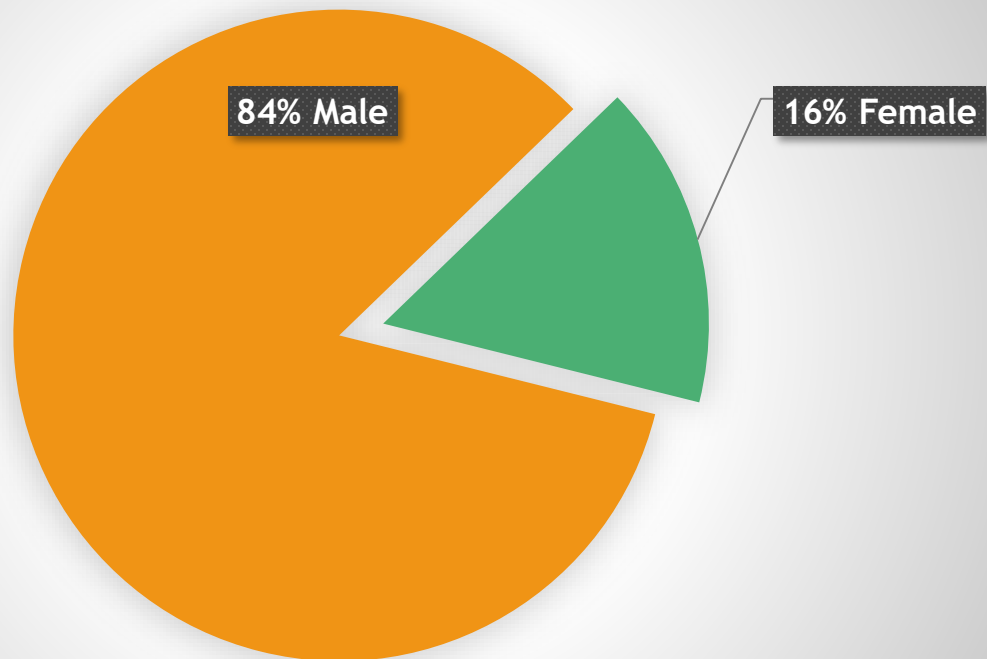
NFIRS Report MN?



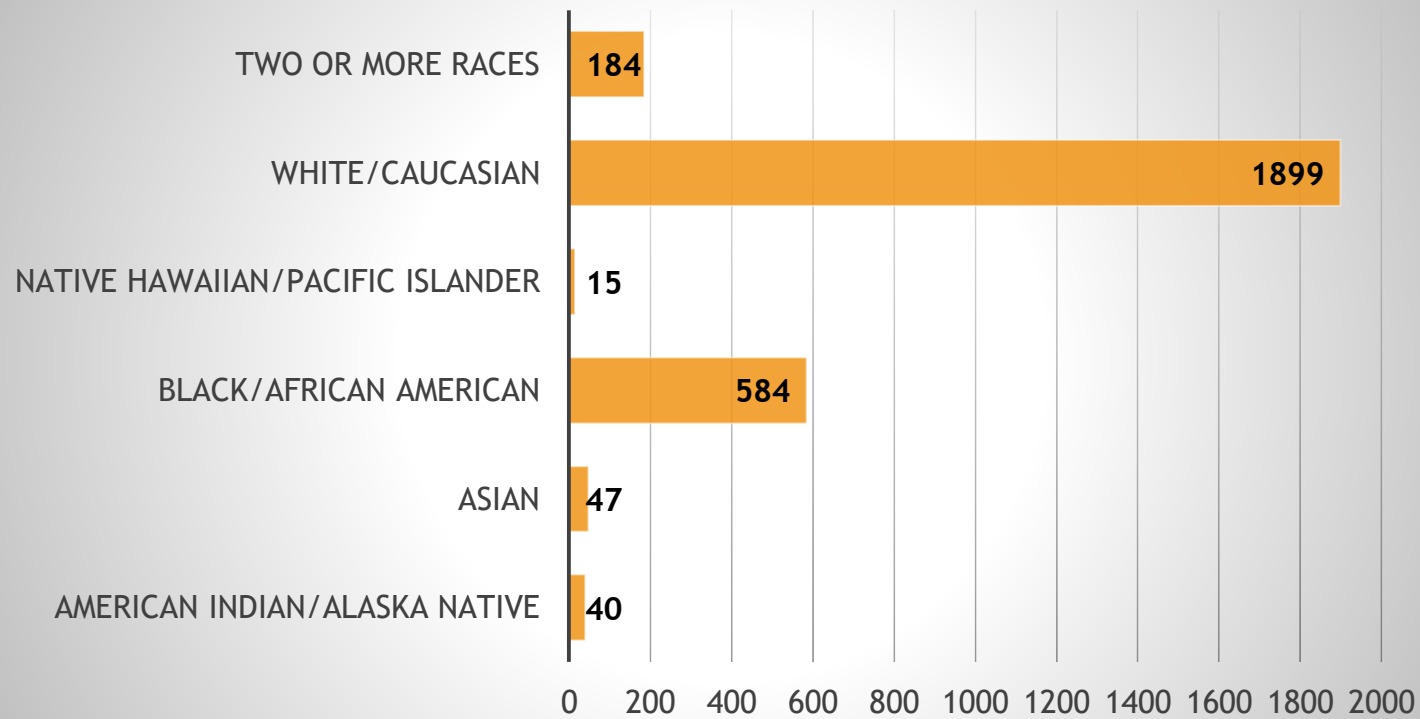
2016 - 2019 Ages



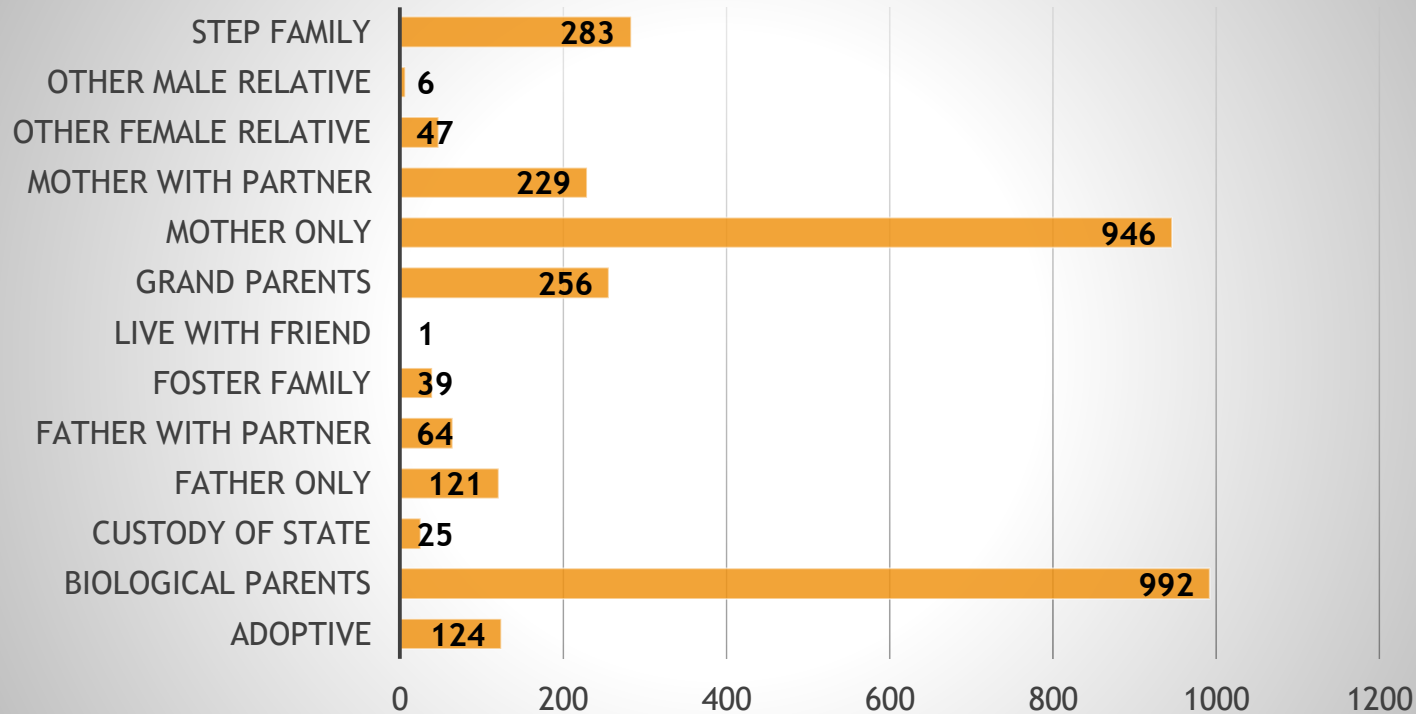
Gender



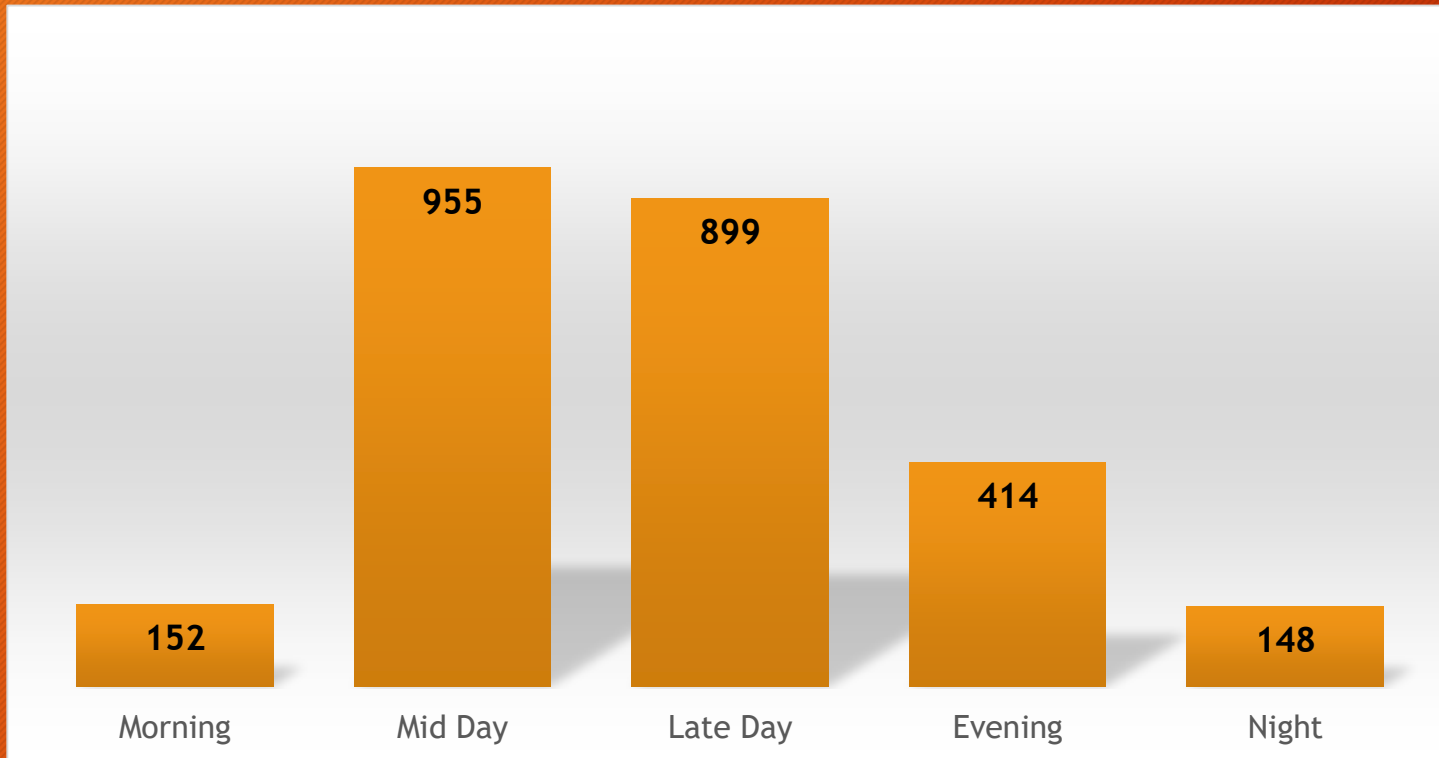
Race



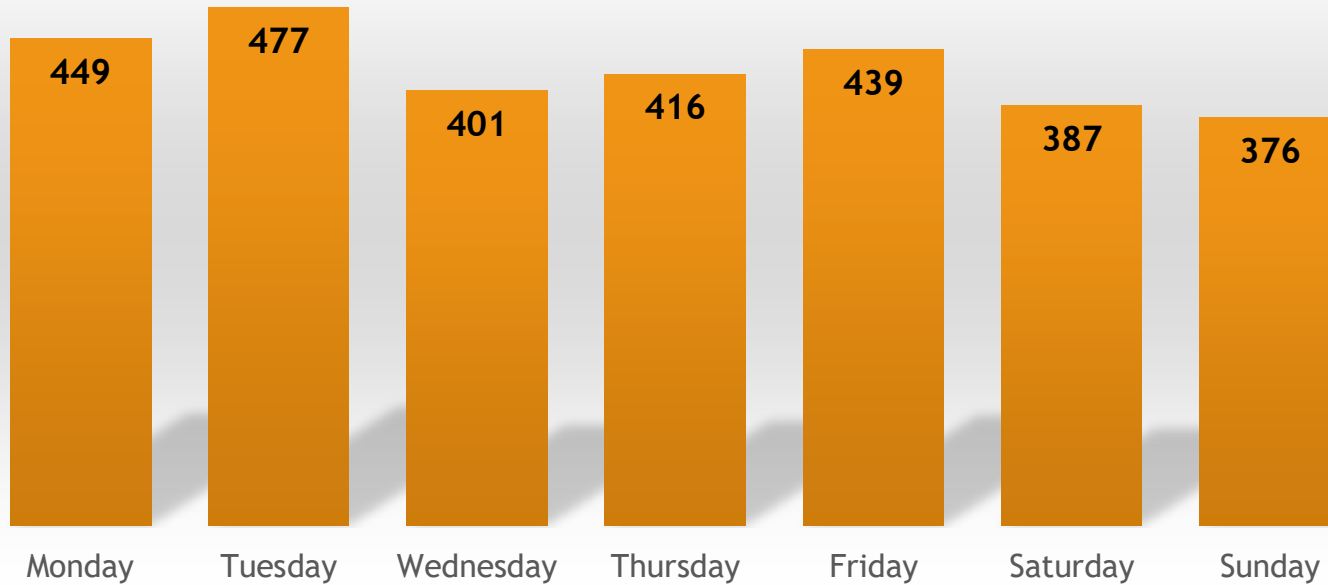
Family Type



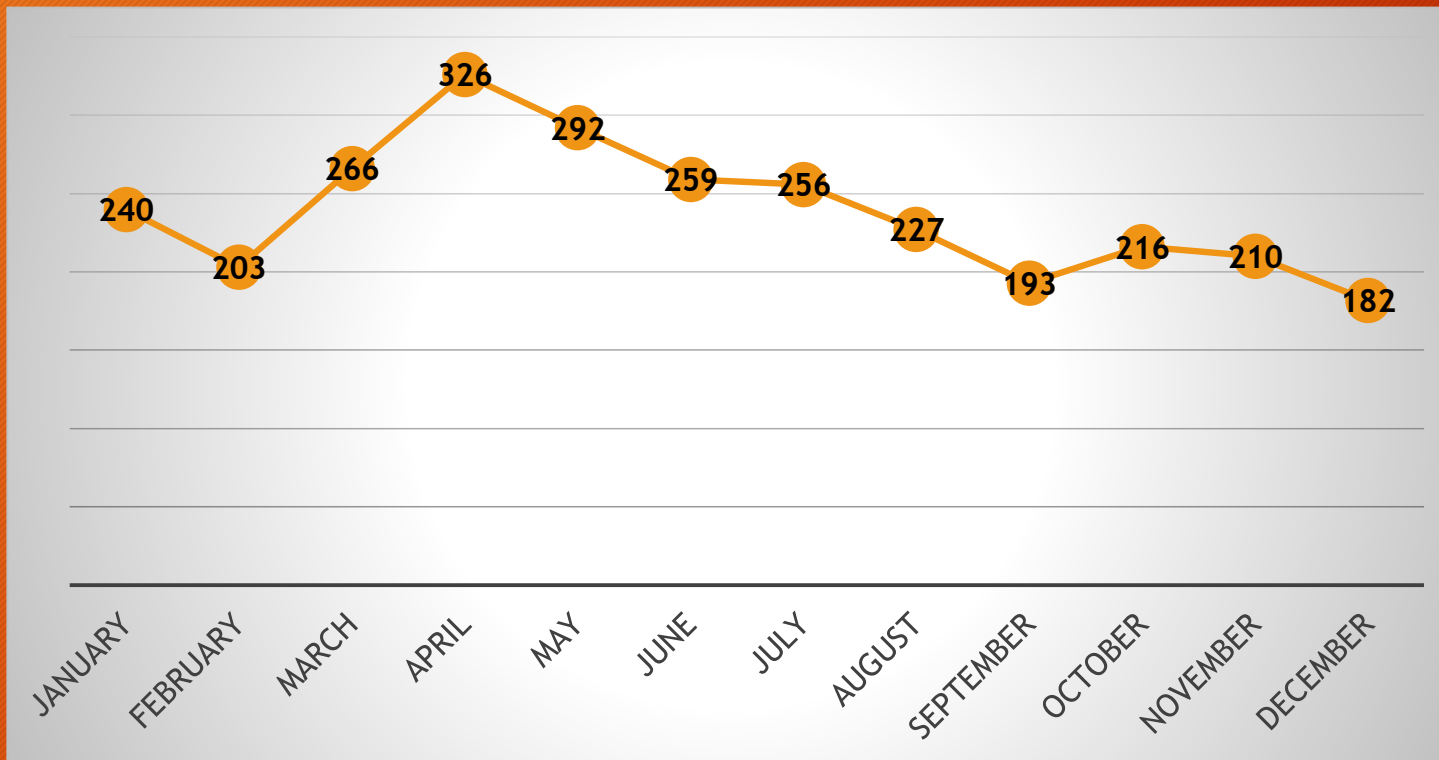
Time of Day



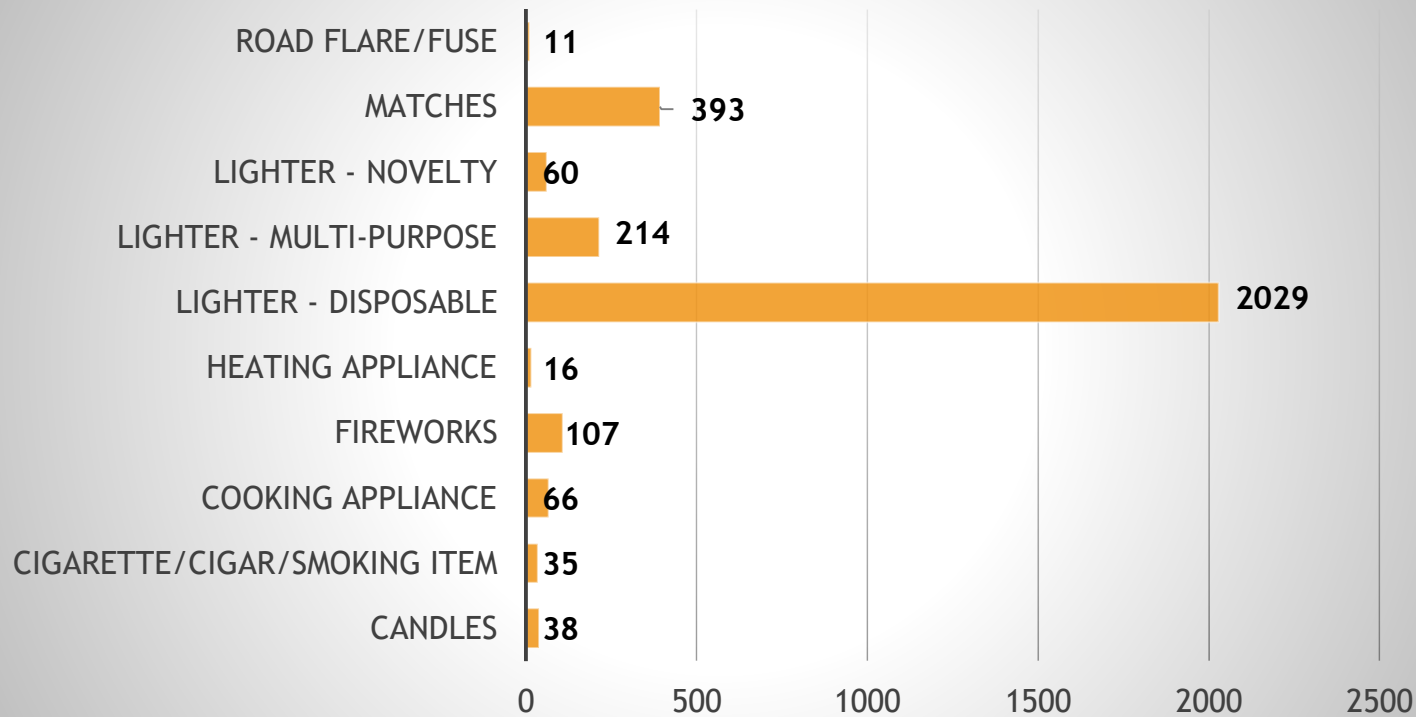
Day of Week



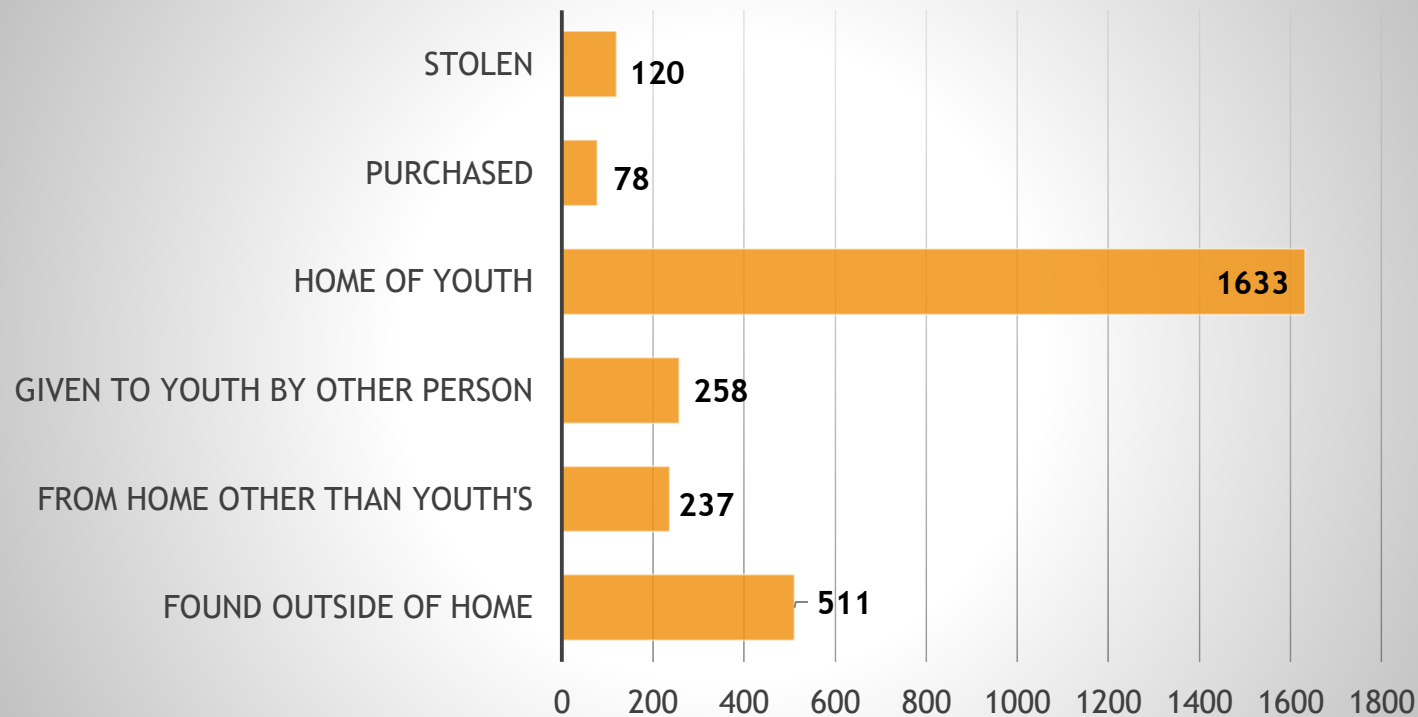
Month of Year



Ignition Device



Device Obtained By



Typologies



Non-Pathological:

- Curiosity
- Accidental

Pathological:

- Cry-for-help
- Delinquent
- Severely disturbed
- Cognitively impaired
- Sociocultural



Curiosity



- With understanding
- Without understanding



Unintentional vs Intentional



- Unintentional youth firesetting is often a result of fire experimentation with no understanding of any consequences
- Intentional youth firesetting includes, but is not limited to, carrying out a dare from peers, seeking attention, or retribution for a past event

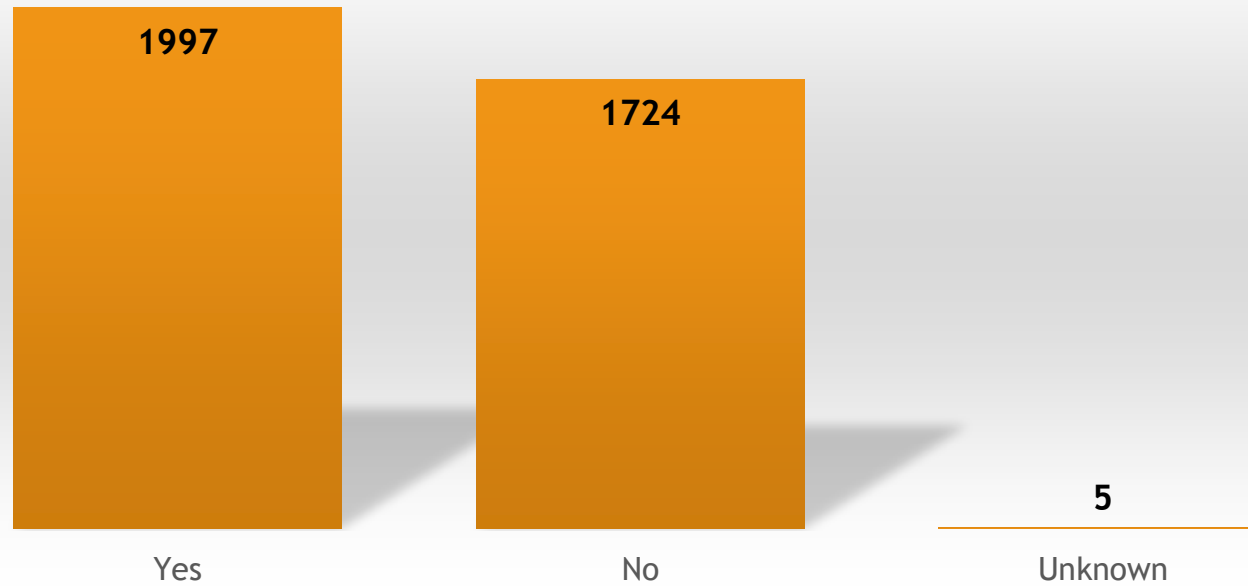
Common Myths



- It's a phase kids go through
- It was a small fire, no big deal
- They learned their lesson
- Talking to a firefighter will fix it

None of these address knowledge, behaviors,
and caregiver actions

Social Media Use



The Adolescent Brain

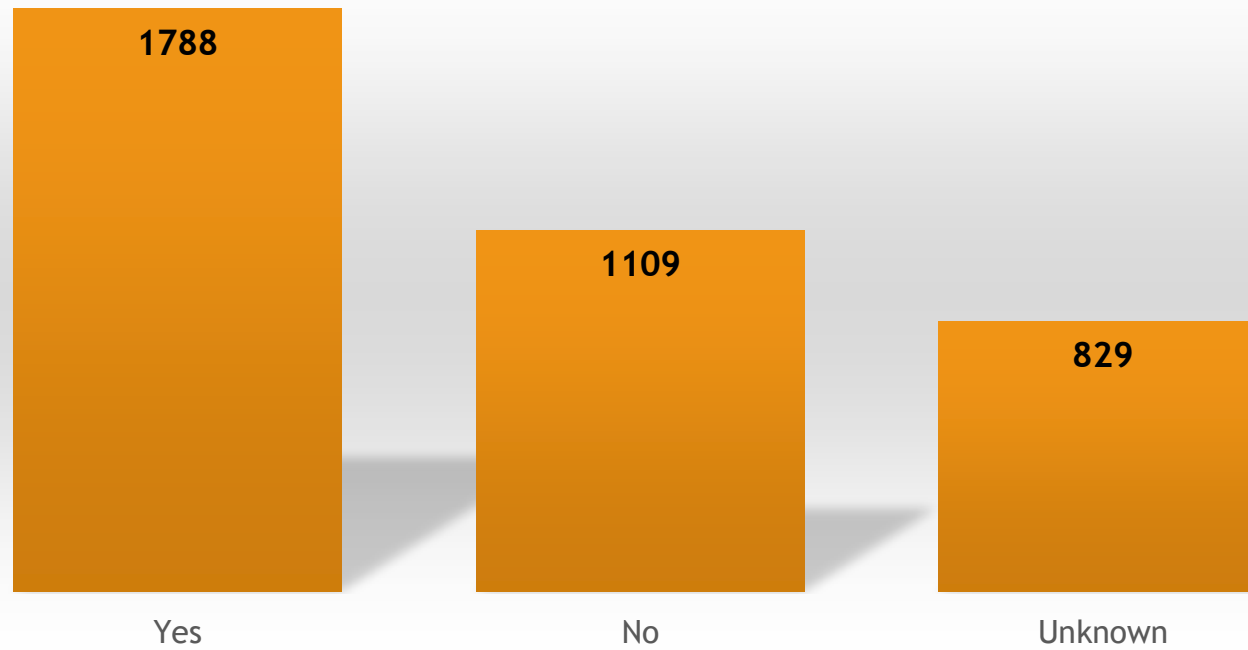


Google Search

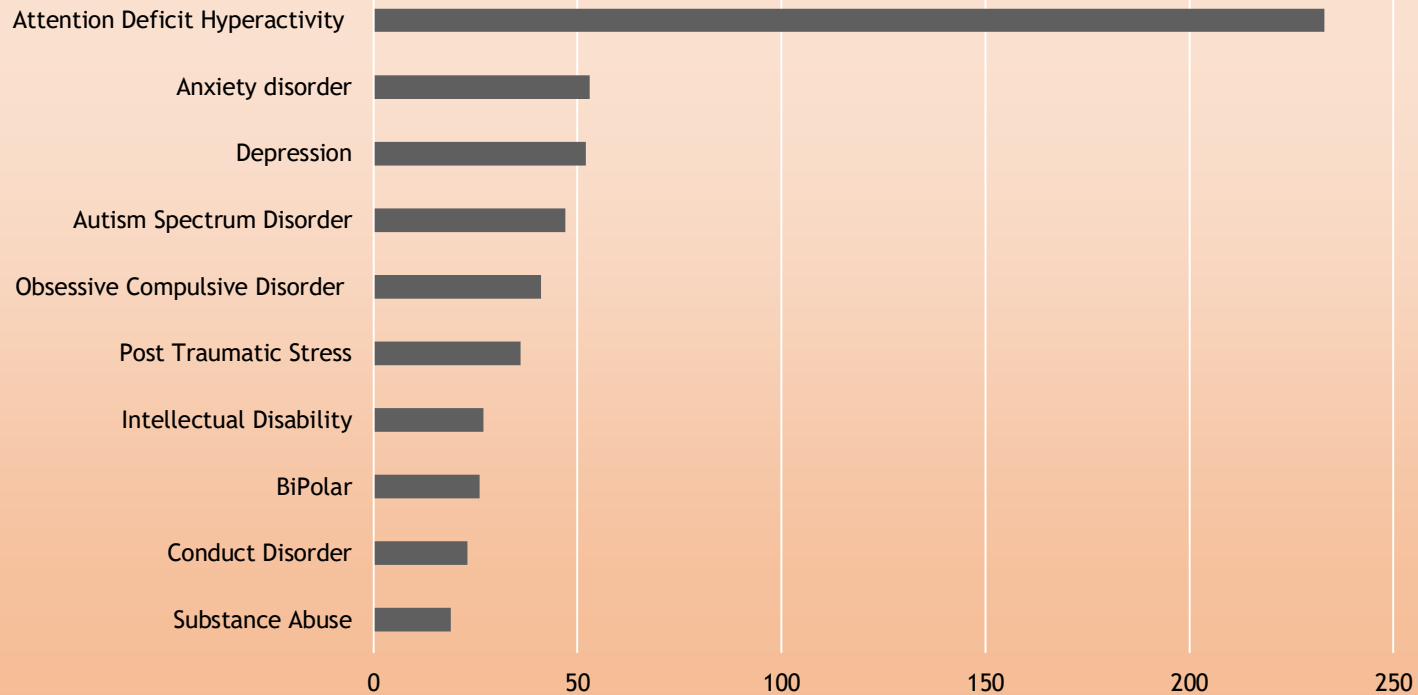


- ADHD-87,000,000
- Conduct Disorder (CD)-77,000,000
- Autism Spectrum Disorder (ASD)-46,000,000
- Reactive Attachment Disorder (RAD)-
4,000,000
- Fetal Alcohol Spectrum Disorder (FASD)-
3,000,000
- Oppositional Defiant Disorder (ODD)-2,000,000
- Youth Firesetting- 100,000

Diagnosis?



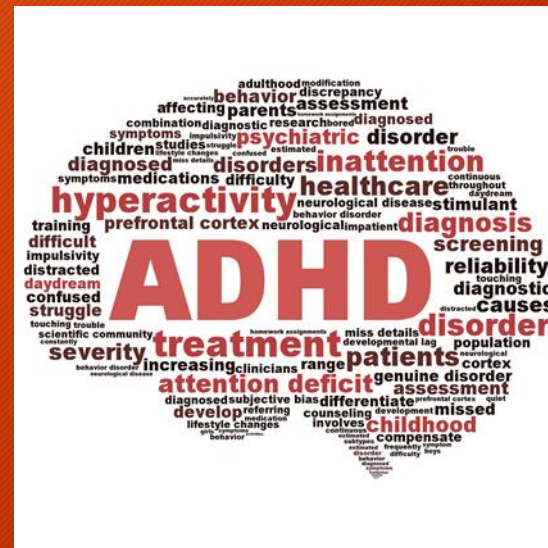
Top 10 Disorders



Attention Deficit Hyperactivity Disorder



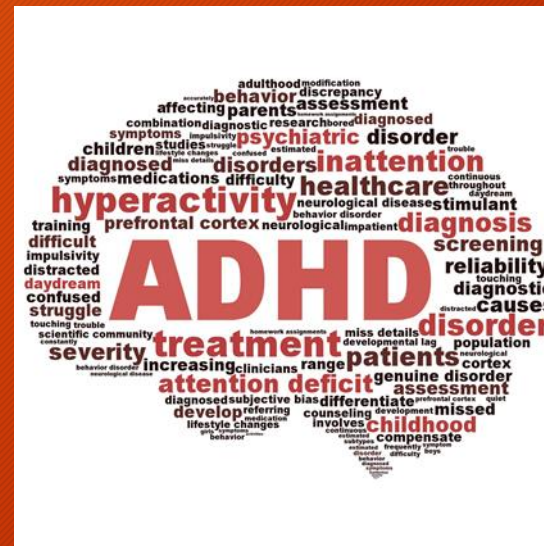
- Inability to think ahead
- Frequent interrupting
- Impulsive
- Fidgeting
- Trouble processing steps
- Random topic shifts
- Easily distracted



Attention Deficit Hyperactivity Disorder (cont'd)



- Fidget toy
- Get up and moving
- Walk and talk
- Interesting visuals
- Short discussions
- Check comprehension



Anxiety



- Constant worry
- Negativity
- Anger
- Tantrums
- Avoidance
- Perfectionism
- Physical ailments



Anxiety (cont'd)



Anxiety (cont'd)



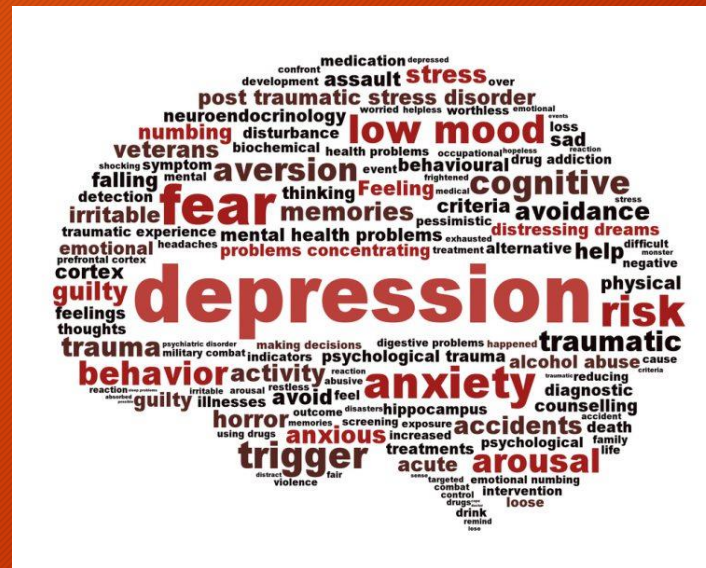
- Tips
 - Work through scenarios
 - Avoid worst case scenarios
 - Stay positive
 - Clear answers



Depression



- Disruptive mood disorder
- Major depressive disorder
- Persistent depressive disorder
- A real illness
- Feelings of guilt and worthlessness



Depression (cont'd)



- [illegible]

- [illegible]

Autism Spectrum Disorder (cont'd)



Autism Spectrum Disorder (cont'd)



- Tips:
 - Specific rules and expectations
 - Understand rather than repeat
 - Do not demand eye contact
 - Pictures and props
 - Parents can help



- [illegible]

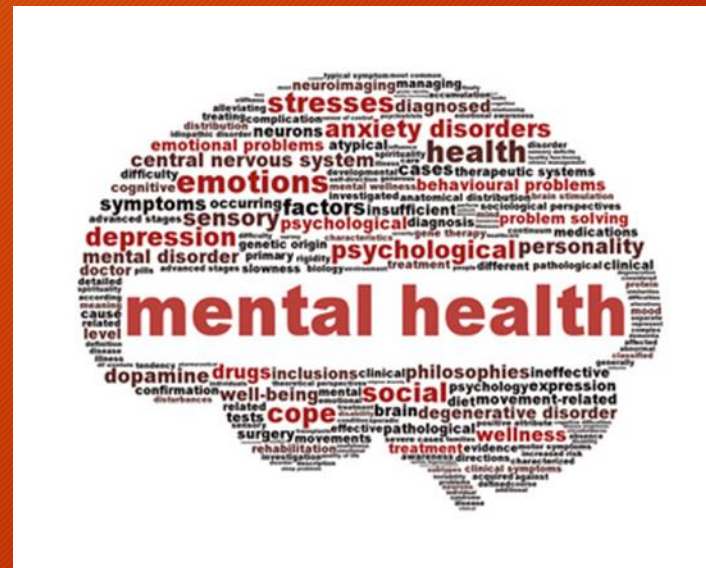
Obsessive Compulsive Disorder (cont'd)



Obsessive Compulsive Disorder (cont'd)



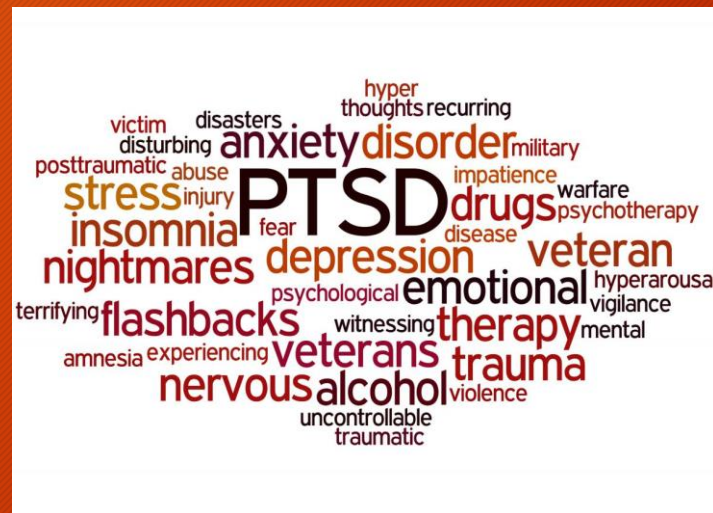
- Tips:
 - Be organized
 - Set expectations early
 - Stick to schedule
 - Give them some control
 - Choices



Post Traumatic Stress



- Exposure to death
- Directly experiencing traumatic events
- Witnessing traumatic events
- Intrusive memories or dreams
- Reaction to internal or external cues



Post Traumatic Stress (cont'd)



-
- A word cloud illustrating various symptoms and experiences associated with Post-Traumatic Stress Disorder (PTSD). The central and largest words are "PTSD", "anxiety disorder", "stress", "nightmares", "flashbacks", "depression", "emotional", "therapy", "veterans", "trauma", "nervous", "alcohol", "hyperarousal", "vigilance", "mental", "witnessing", "psychological", "disease", "impatience", "military", "warfare", "psychotherapy", "drugs", "fear", "injury", "abuse", "disturbing", "victim", "disasters", "thoughts recurring", "hyper", "posttraumatic", "insomnia", "terrifying", "amnesia", "experiencing", "uncontrolled", and "traumatic". The words are arranged in a circular pattern, with some overlapping, and are colored in shades of brown, tan, and black.

-
- mental health
- depression
- anxiety disorders
- psychological
- stress
- neuroimaging
- diagnosed
- health
- central nervous system
- emotions
- cognitive
- symptoms
- depression
- mental disorder
- personality
- drugs
- social
- coping
- well-being
- brain
- disorder
- wellness
- treatment
- evidence
- symptoms
- directions
- characterized
- clinical
- symptoms
- at
- core
- against
- substance
- use
- disorders
- treatment
- evidence
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- at
- core
- against
- substance
- use
- disorders

Intellectual Disability (cont'd)

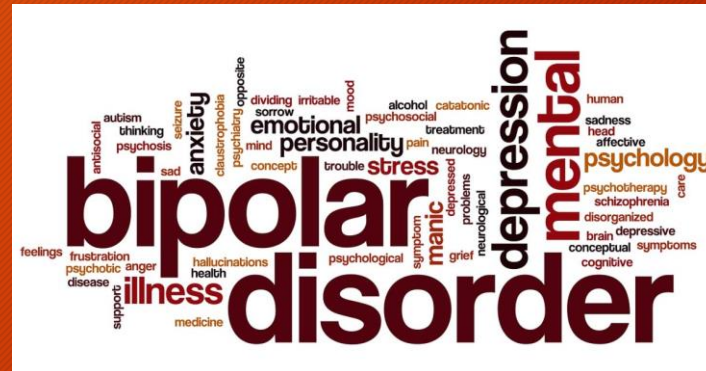


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- A word cloud visualization centered around the theme of mental health. The words are arranged in a circular pattern, with larger words indicating higher frequency or importance. Key terms include:
- Mental Health** (largest word)
 - Depression**
 - Anxiety Disorders**
 - Stress**
 - Coping**
 - Social**
 - Wellness**
 - Treatment**
 - Evidence**
 - Symptoms**
 - Diagnosis**
 - Management**
 - Neuroimaging**
 - Genetic**
 - Biological**
 - Psychological**
 - Personality**
 - Clinical**
 - Pathological**
 - Disorders**
 - Problems**
 - Issues**
 - Challenges**
 - Barriers**
 - Obstacles**
 - Difficulties**
 - Complexities**
 - Nuances**
 - Subtleties**
 - Intricacies**

Bipolar Disorder



- Manic
 - Restlessness
 - Rapid Speech
 - High activity
- Depressive
 - Loss of interest
 - Withdrawn
 - Trouble concentrating



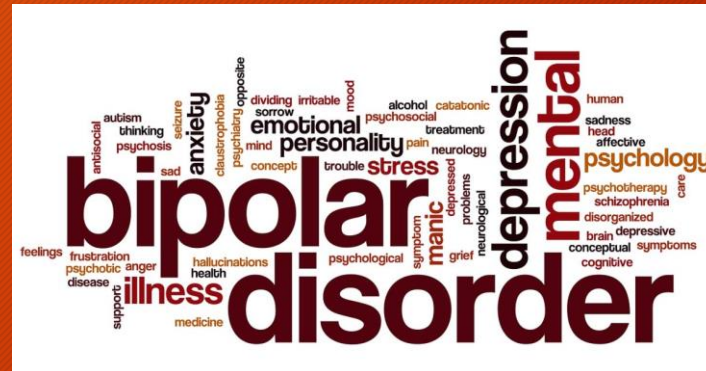
Bipolar Disorder (cont'd)



Bipolar (cont'd)



- Tips
 - Caution
 - Alternative behavior management
 - No guilt
 - Focus on impulse control



-

-

Conduct Disorder (cont'd)



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Substance Use Disorder



- Alcohol
- Tobacco
- Marijuana
- Inhalents
- Hallucinogens
- Cocaine
- Opioids
- Prescription drugs
- Technology...



Substance Use Disorder (cont'd)



- Stress relief
- Self medication
- Social experience
- Risk taking
- Impulse control
- Lack of supervision
- Parental attitudes



Cell Phone Addiction?



Substance Use Disorder (cont'd)



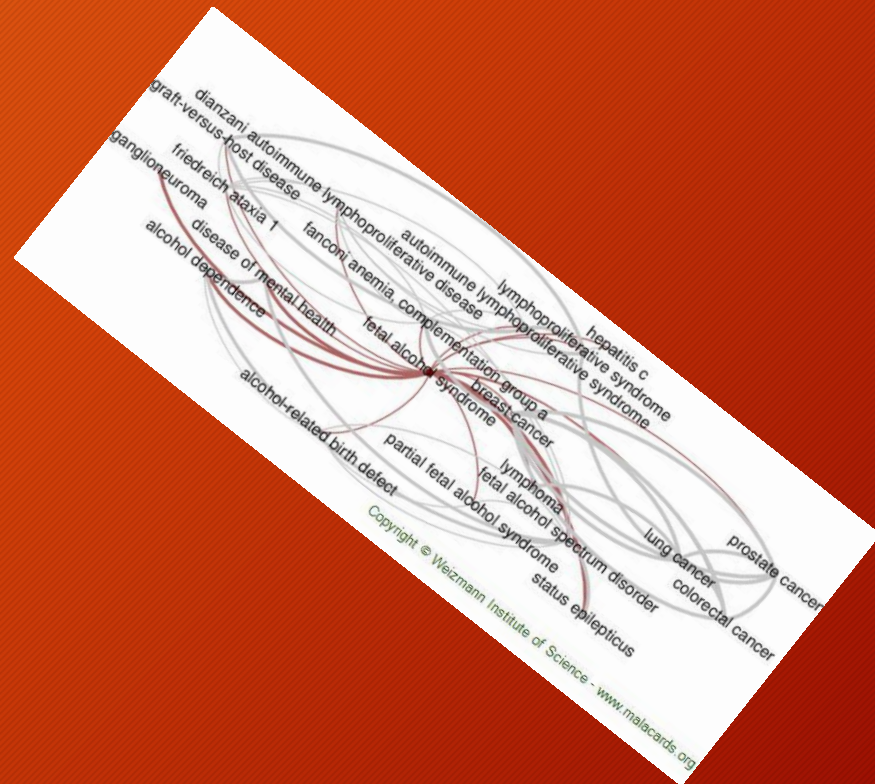
- Tips
 - Neutral space
 - Parental participation



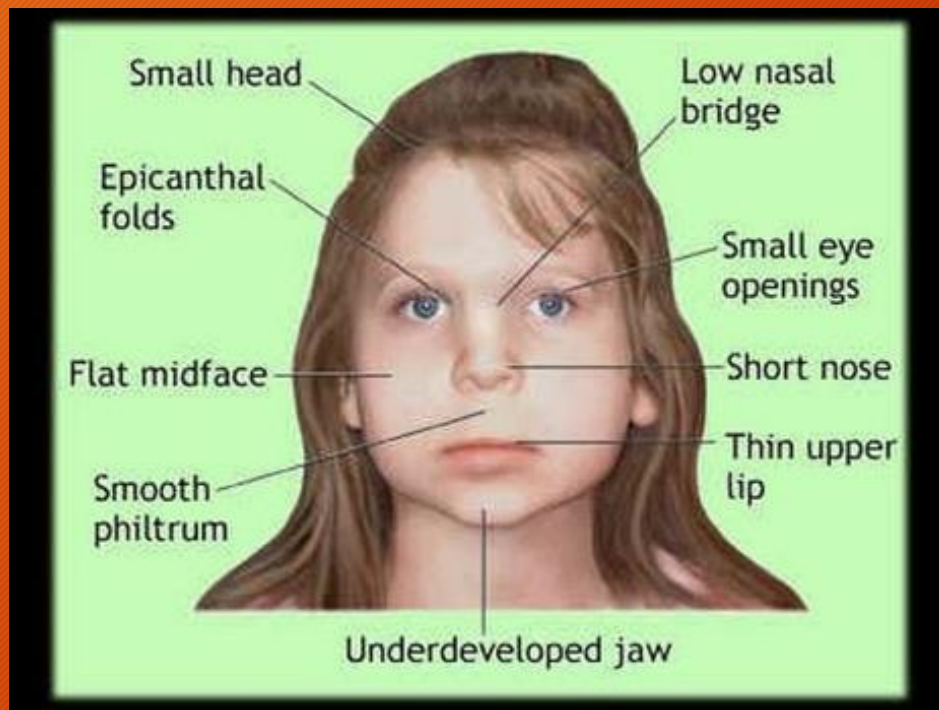
Fetal Alcohol Spectrum Disorder (FASD)



- Permanent/Irreversible brain damage
- Worldwide problem
- Hidden epidemic
- Underreported/Commonly misdiagnosed
- North America, 2-5%
- Impacts the criminal justice system



Fetal Alcohol Spectrum Disorder (FASD) cont'd



Fetal Alcohol Spectrum Disorder (FASD) cont'd



Fetal Alcohol Spectrum Disorder (FASD) cont'd



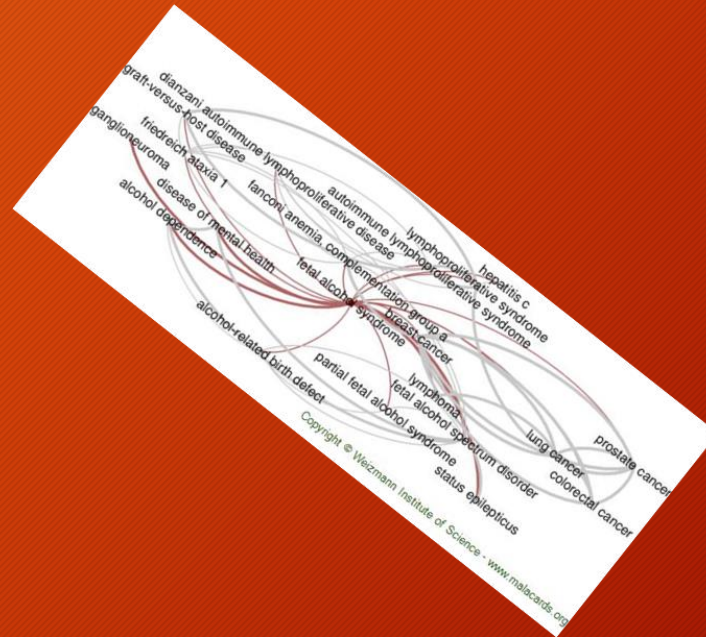
- Red Flags:
 - Special Education Involvement/Learning Problems
 - Child Protection Involvement
 - History of Adoption/Removal from Birth Parents
 - Rage Control/Impulse Control Problems
 - Sexually Inappropriate Behaviors
 - Social Boundary Limitations/Violations
 - Memory Problems/Confabulation
 - Suggestibility/Inability to Say No



Fetal Alcohol Spectrum Disorder (FASD) cont'd



- Tips for Interventions:
 - Use the same language as written rules
 - Concrete concepts
 - Demonstrate when possible
 - Be clear about cause and effect
 - Do not debate ~ they may be looking for loopholes



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Traumatic Brain Injury (TBI)



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- A word cloud centered around the terms "TRAUMATIC" and "BRAIN INJURY". Other prominent words include "CONCUSSION", "HEMATOMA", "BLEEDING", "INTRACRANIAL", "DEATH", "SEQUELAE", "FACTORS", "HOSPITALIZED", "SUBACUTE", "PERFUSION", "NEUROPSYCHIATRIC", "CLINICAL", "RADIOLOGIC", "CEREBRAL", "ISCHEMIA", "PROGNOSIS", "SKILLS", "MILD", "PROBLEM", "SYMPTOMS", "THERAPY", "LOSS", "DIFFUSE", "DECELERATION", "YOUNG", "FORCES", "HIGH", "DUE", "TENSOR", "AXONS", "CENTURY", "SECONDARY", "ACCIDENT", "SUPERIOR", "VASCULAR", "MATER", "DEFICITS", "SUBARACHNOID", "VASCOSPASM", "CONCussed", "CONSISTENT", "MODERATE", "SEVERE", "EPIDURAL", "COMMON", "YOUTH", "MUSCULARITY", "TRAIL", "DURA", "CONCITATION", "SIGNIFICANT", "BEHAVIORAL", "LOBES", "NEUROLOGICAL", "SEVERE", "CAUSED", "YEAR", "HEALTHY", "CONCITATION", "CORRELATION", "REHABILITATION", "BLIND", "BY", "COGNITIVE", "DEVELOPMENT".

Intervention Ideas



- Cup of Stress
- Dice Exercise
- MN Go Bag
- Other ideas?



Questions?



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Thank You...



**Forensic Mental
Health Focus**
with
JERROD BROWN

