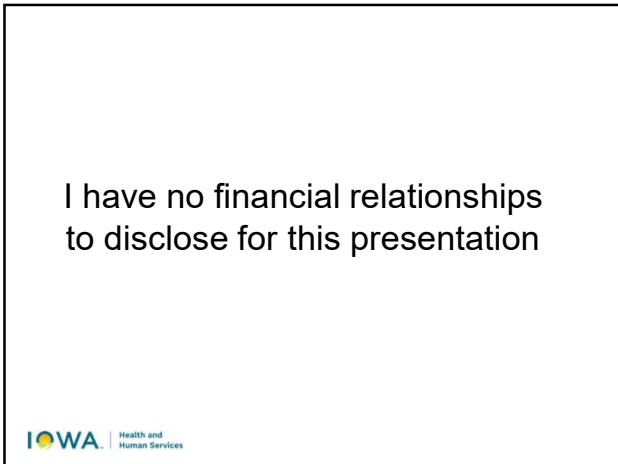
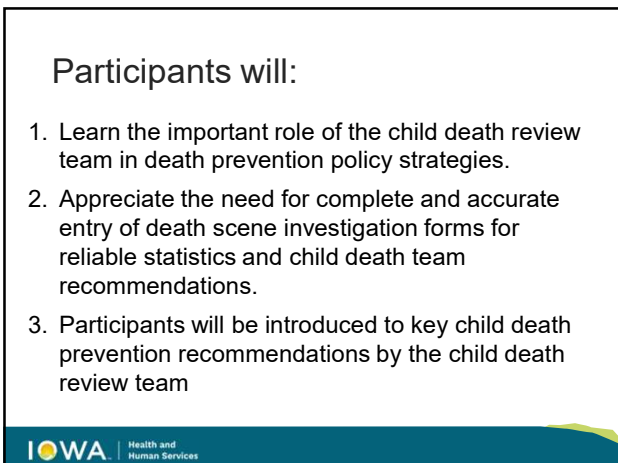


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3

History & Purpose of Child Death Review Teams


- ▶ Created in mid-1990s in response to child maltreatment cases; Iowa 1995
- ▶ All 50 States, DC, Guam and Navajo Nation – more than 1350 teams
- ▶ State and/or Local Teams – Iowa Code establishes state level team



4

History & Purpose of Child Death Review Teams

- ▶ Local Teams
 - Johnson
 - Linn
 - Polk
 - Scott – Maltreatment
- ▶ Multidisciplinary Team



5

Membership


▶ Andrew Allen	▶ Substance Use Disorder in Youth
▶ John Dagle	▶ Perinatologist
▶ Lisa DuFour	▶ Local Law Enforcement
▶ Melissa Ellis	▶ Vital & Health Statistics
▶ Jerry Fiala	▶ Health Insurance Industry
▶ Lori Frick	▶ Child Protective Services Director
▶ Kim Gonzales	▶ Child Care Nurse Consultant
▶ Amy Groen	▶ ED Pediatrician



6

Membership

- ▶ Chad Jensen ▶ Juvenile Court Services
- ▶ Peter Johnson ▶ County Attorney
- ▶ Dennis Kleen ▶ Iowa Department of Transportation
- ▶ Dennis Klein ▶ State Medical Examiner
- ▶ Robert Kruse ▶ Iowa Health & Human Services Medical Director
- ▶ Casey Manser ▶ Iowa SIDS Foundation
- ▶ Amy McCormick ▶ Pediatric and Psychiatric Mental Health Nurse Practitioner



7


- ▶ Matthew Burns ▶ Public Safety, Major Crimes Division
- ▶ Roxanne Reisberg ▶ Child Protective Services SW
- ▶ Dawn Schissel ▶ Family Practice Physician
- ▶ Abby Schueller ▶ Domestic Violence; Injury Prevention
- ▶ Jonathan Thompson ▶ Assoc. State Medical Examiner
- ▶ Marvin Vanderwiel ▶ Emergency Room Nurse, MEI, CDRT Chairperson
- ▶ Melissa Walker ▶ Dept. of Education, School Nurses



8

History & Purpose of Child Death Review Teams


- ▶ Average of 280 deaths annually, 133 reviewed.
- ▶ A public health, prevention and future oriented process.
 - System focused
 - Not assigning blame
 - Not trying/re-trying cases



9

Which Cases Are Reviewed


- ▶ Children live birth through 17 years of age
- ▶ Died in Iowa
- ▶ Manner of Death
 - Accident
 - Homicide
 - Suicide
 - Undetermined
- ▶ Natural Manner of Death – Tracked & Entered into National Center Database



10

Iowa CDRT Process


- ▶ Vital Statistics report using death certificates with all deaths live birth through 17 years of age in the state of Iowa.
- ▶ Sorted by manner and cause for meetings
 - Homicide & Child Maltreatment
 - Suicide
 - Accident (non-MVC)
 - Accidental Strangulation and Suffocation in Bed
 - Motor Vehicle Crashes



11

Iowa CDRT Process

- ▶ Staff request/access records for the case
 - Birth/Death Certificate
 - ME-1/EMER Form
 - Final Autopsy
 - Scene Photos, doll re-enactment video
 - Law Enforcement Reports (County, City, DCI)
 - Fire/EMS Reports
 - Department of Transportation



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Staff Request/Access Records


- Medical Records
 - ED
 - Well Child and Acute Care
 - Labor & Delivery
- Child Protective Services
- Juvenile Justice
- Public Records
 - Iowa Courts,
 - Media, Social Media, Obituary



13

Working on More Upstream Records


- ▶ School Records
 - FERPA Barrier
- ▶ HHS Program
 - Health Programs – Medicaid, Hawki
 - Food & Nutrition Programs – WIC, SNAP
 - Economic Assistance Programs- Child Support, Child Care Subsidy



14

CDRT Process Pre-Meeting

- ▶ Members are each assigned cases to review in advance of the meeting
 - Provided access to all case materials
- ▶ Complete a review tool on assigned cases
 - At-Risk Identifiers & Challenges
 - Strengths/protective factors
 - Recommendations for prevention
- ▶ Evidence-Based Best Practices, National Recommendations, Program Services and Interventions



15

Data Element Tracking

- ▶ Age, Sex, Race, Ethnicity
- ▶ Day of the Week, Day of the Month, Month of the year, Time of Day
- ▶ Incident address, residential address, Co of Death, Co of Residence
- ▶ Parent/Caregiver Criminal History
- ▶ Supervision
- ▶ Distractions
- ▶ Impairment
- ▶ Well & Acute Visits
- ▶ Pregnancy/L&D <5



16

ASSB 50+ Data Elements Tracked

- ▶ Sleep Surface
- ▶ Co-Sleeping – whom
- ▶ Pillows, plush objects, blankets
 - Type
 - Placement
- ▶ Who and How Placed to Sleep
- ▶ Sleep Position Found
- ▶ Overlay, Wedged
- ▶ Room Sharing
- ▶ New/Temporary Residence
- ▶ Breastfeeding
 - Duration, Supplemental or Exclusive
- ▶ Tobacco, ETOH & Sub Use
 - Pregnancy
 - Postpartum
 - Autopsy Tox +
- ▶ Room Temperature



17

Data Elements Tracked

- | | |
|---|---|
| <p>ASSB</p> <ul style="list-style-type: none"> ▶ Birth Hospital ▶ Delayed CPR ▶ Self Transport to ED ▶ Safe Sleep Surface Present ▶ Maternal Obesity | <p>Other</p> <ul style="list-style-type: none"> ▶ Type of Vehicle(s) ▶ Weather Conditions ▶ Weapon <ul style="list-style-type: none"> • Type • Where/Storage • Owner/Rltshp ▶ Perpetrator <ul style="list-style-type: none"> • Age, Sex, Race, Education, Rltshp, |
|---|---|



18

CDRT Review Process - Meeting

- ▶ Discuss cases in meeting
 - Look for themes,
 - Look at data elements
 - Formulate recommendations
 - Partnerships
- ▶ Recommendations are consolidated into the annual report
- ▶ Cases Entered Into National Center for Fatality Review and Prevention Database

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2020 CDRT Child Mortality Data

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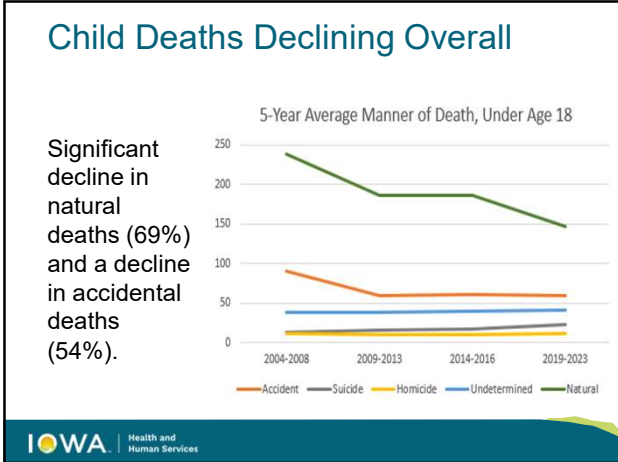
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Leading Causes of Death Across All Age Categories

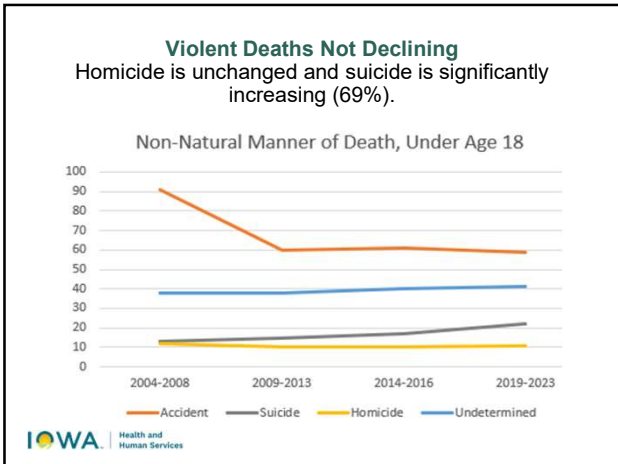
Leading Cause of Death	Percentage
Prematurity, Developmental and Genetic Conditions Present at Birth	>35%
Accidental Strangulation and Suffocation in Infants	11%
Intentional Injury - Suicide, Homicide, Child Maltreatment	11%
Motor Vehicle Related	10%

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22



23

Key Findings

- ▶ Asphyxia in infants from **unsafe sleep conditions** (35) is the leading cause of death from non-natural causes for all age children, surpassing the number of children who died in a motor vehicle crash (31).
- ▶ Half of all child deaths occur in infants under age 1.

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Unsafe Sleep Deaths

- ▶ 54% occurred on an adult bed
- ▶ 40% had pillows in the sleep environment
 - 7 infants in 2020 in Iowa died on Boppy Pillows
- ▶ 48% Had blankets, comforters and plush objects in sleep environment
- ▶ 65% were not breastfed
- ▶ 37% had exposure to tobacco smoke
- ▶ 29% were Black (4% Iowa Population); 51% were White

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Early Childhood Maltreatment

- ▶ In 2020, 7 children 5 years of age and younger died of child maltreatment.
- ▶ In comparison, 10 children died in a motor vehicle crash, fewer than 6 died from other accidental causes (excluding accidental strangulation and suffocation in bed).

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Motor Vehicle Crash Pre-Driving Age

- ▶ 6 children died in a single or two vehicle crash, 9 died as pedestrians or drivers/passengers of OHVs.
- ▶ Iowa had the highest number of frontover fatalities of **any** state, and in the top ten for backover fatalities.

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Key Findings

- ▶ In adolescents, 10 - 17 years of age intentional injury deaths (29) surpass accidental (24) and natural deaths (17).



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Suicide Deaths

- ▶ Death certificate data from Vital Records is showing death by suicide continues to increase each year through 2023, with an average of 22 deaths by suicide annually, the highest 5-year average since CDRT began.



29

Health Disparities


- ▶ 61% of children dying in Iowa are male.
 - 60% Natural
 - 67% Accident
 - 68% MVC
 - 80% Homicide
 - 72% Suicides



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Health Disparities

Black Children are dying at **more than 3x** the rate of White children



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Prevention Resources

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Prevention Resources – Accidental Strangulation and Suffocation in Bed


- ▶ Safe to Sleep <https://safetosleep.nichd.nih.gov/>
- ▶ Free Safe Sleep Educational Resources for Professionals <https://iowasids.org/what-we-do/programs-and-services/education/>

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**Prevention Resources –
Accidental Strangulation and
Suffocation in Bed**


- ▶ Grief Support, Resources and Education - Iowa SIDS Foundation <https://iowasids.org/>
- ▶ SUID and Safe Sleep Overview and patient education: <https://www.aap.org/en/patient-care/safe-sleep/>
- ▶ Safe Sleep Toolkit: <https://www.aap.org/en/news-room/campaigns-and-toolkits/safe-sleep/>



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**Prevention Resources –
Accidental Strangulation and
Suffocation in Bed**


- ▶ Rachel Y. Moon, Rebecca F. Carlin, Ivan Hand, THE TASK FORCE ON SUDDEN INFANT DEATH SYNDROME AND THE COMMITTEE ON FETUS AND NEWBORN; Sleep-Related Infant Deaths: Updated 2022 Recommendations for Reducing Infant Deaths in the Sleep Environment. Pediatrics July 2022; 150 (1): e2022057990. 10.1542/peds.2022-057990 <https://publications.aap.org/pediatrics/article/150/1/e2022057990/188304/Sleep-Related-Infant-Deaths-Updated-2022?autologincheck=redirected>
- ▶ Vincent A, Chu NT, Shah A, Avanthika C, Jhaveri S, Singh K, Limaye OM, Boddu H. Sudden Infant Death Syndrome: Risk Factors and Newer Risk Reduction Strategies. Cureus. 2023 Jun 17;15(6):e40572. doi: 10.7759/cureus.40572. PMID: 37465778; PMCID: PMC10351748.



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**Prevention Resources –
Child Maltreatment**

- ▶ Centers for Disease Control and Prevention. Essentials for Childhood - Creating Safe, Stable, Nurturing Relationships and Environments for All Children (cdc.gov)
- ▶ Preventing Child Abuse and Neglect. https://www.cdc.gov/child-abuse-neglect/prevention/?CDC_AAref_Val=https://www.cdc.gov/violenceprevention/childabuseandneglect/prevention.html
- ▶ A Public Health Approach to Child Abuse and Neglect https://www.cdc.gov/child-abuse-neglect/php/public-health-strategy/?CDC_AAref_Val=https://www.cdc.gov/violenceprevention/childabuseandneglect/prevention.html



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Prevention Resources – Child Maltreatment

- ▶ Austin AE, Lesak AM, Shanahan ME. Risk and protective factors for child maltreatment: A review. *Curr Epidemiol Rep.* 2020 Oct 7;7(4):334-342. doi: 10.1007/s40471-020-00252-3. PMID: 34141519; PMCID: PMC8205446. <https://pmc.ncbi.nlm.nih.gov/articles/PMC8205446/#R69>
- ▶ Child Maltreatment https://www.acf.hhs.gov/sites/default/files/documents/cb/cm2_022.pdf
- ▶ Prevent Child Abuse Iowa – <https://pcaiowa.org/>
- ▶ Iowa Chapter of Children's Advocacy Centers - <https://iowacacs.org/>

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Prevention Resources – Firearms

- ▶ Talk it Up, Lock It Up: <https://www.polkcountyiowa.gov/health-department/gun-safety/>
- ▶ <https://www.bulletpointsproject.org> Provides evidence-informed, politically neutral information and tools for use in different clinical and educational settings.
- ▶ Lethal Means Counseling <https://www.hsph.harvard.edu/means-matter/recommendations/clinicians/>
- ▶ American Psychological Association. (2013). Gun violence: Prediction, prevention, and policy. Retrieved from <http://www.apa.org/pubs/info/reports/gun-violence-prevention.aspx> <https://www.apa.org/pubs/reports/gun-violence-report.pdf>

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Prevention Resources – Firearms


- ▶ Safe States Alliance Firearm Policy Statement Policy: Recommendations to Prevent Firearm Related Injuries & Violence https://cdn.ymaws.com/www.safestates.org/resource/resmgr/policy/SSA_Firearm_Policy_Statement.pdf
- ▶ Prevention Institute's Recommendations for Preventing Gun Violence (<https://www.preventioninstitute.org/sites/default/files/publications/Full%20Recommendations%20for%20PI%20Site%20Updated%20Apr%202021.pdf>)
- ▶ Lee LK, Fleegler EW, Goyal MK, et al; AAP Council on Injury, Violence, and Poison Prevention. Firearm-Related Injuries and Deaths in Children and Youth: Injury Prevention and Harm Reduction. *Pediatrics.* 2022;150(6):e2022060070 - <https://publications.aap.org/pediatrics/article/150/6/e2022060071/189687/Firearm-Related-Injuries-and-Deaths-in-Children>

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Prevention Resources – Suicide, Substance Use, Mental Health


- ▶ Naloxone Distribution in Iowa:
 - <https://hhs.iowa.gov/programs/mental-health/substance-use-disorder/naloxone>
 - <https://www.iowaharmreductioncoalition.org/overdose-education-naloxone-distribution/>
- ▶ Iowa Pediatric Mental Health Collaborative
<https://chsciowa.org/programs/iowa-pediatric-mental-health-collaborative>
- ▶ National Center on Substance Abuse and Child Welfare. Harm Reduction in the Context of Child Well-Being: Practice Recommendations for Child Welfare Workers.
<https://ncsacw.acf.hhs.gov/files/harm-reduction-part3.pdf>



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Prevention Resources – Suicide, Substance Use, Mental Health


- ▶ Substance Abuse and Mental Health Services Administration. SAMHSA Overdose Prevention and Response Toolkit. Publication No. PEP23-03-00-001. Rockville, MD: Substance Abuse and Mental Health Services Administration, 2023.
<https://store.samhsa.gov/sites/default/files/overdose-prevention-response-kit-pep23-03-00-001.pdf>
- ▶ Iowa Plan for Suicide Prevention updated June 2022.pdf
<https://hhs.iowa.gov/media/9323/download?inline=>
- ▶ 2021 Iowa Youth Survey Special Topics Report: Mental Health Findings - Iowa Publications Online
<https://publications.iowa.gov/46682/>



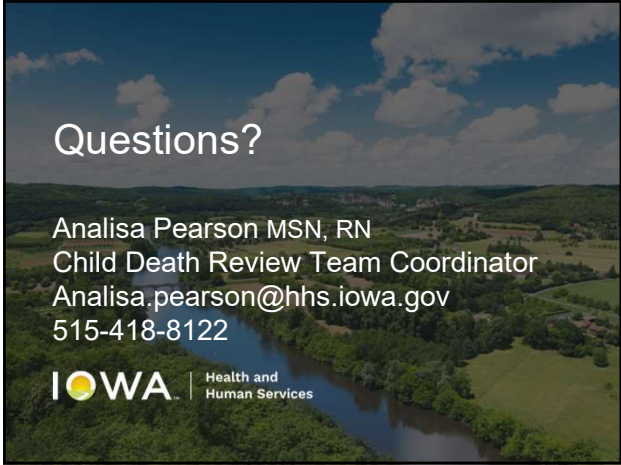
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National Center For Fatality Review and Prevention

- ▶ Quick Looks – Data from all CDRTs
<https://ncfrp.org/center-resources/quick-looks/>
- ▶ Guidance Documents
- ▶ Newsletter, Listserv, Webinars
- ▶ Training Modules
- ▶ Technical Assistance



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Questions?

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