Partners For Child Fatality Prevention: Education & Advocacy

Phyllis Agran, MD, MPH • Van Nguyen Greco, MD • Diane Winn, RN, MPH • Jaya Bhalla • Mary Jo Quintero, RN, PNL • Ameer Mody, MD, MPH • Katherine Gitz, MD • Sandra Murray, MD • Sara Brown, PhD, EdD, RN • Alfonso Valdez, PhD • Jamie McDonald, MPH • Emma Course



Background

Child Death Review Teams (CDRT) review circumstances surrounding child deaths to prevent future fatalities

American Academy of Pediatrics (AAP) provided local Chapter awards to promote engagement with CDRTs

Partners for Child Fatality Prevention (AAP-OC) was designed to develop a sustainable partnership that shares, translates, and disseminates data with recommendations to inform interventions and advocacy

Methods

Pediatrician-led Multidisciplinary Team with CA Statewide Members

 Reviewed and analyzed available de-identified data from 2018 to 2020

Data Sources

- CDRT
- California Department of Public Health (CDPH) EpiCenter
- National Center for Health Statistics (NCHS)

Educational Advocacy

Webinar Topics

- Leading causes of death
- Role of CDRT
- Pediatric drowning
- Youth suicide

Policy Advocacy

Results

Data Review Leading Causes of Fatality (CA)

| <u>Age <1</u> | Ages 1-4 | <u>Ages 5-9</u> | Ages 10-14 | Ages 15-17 |
|------------------|--------------|-----------------|--------------|--------------|
| (N=239) | (N=329) | (N=196) | (N=391) | (N=930) |
| Suffocation | Drowning | MVT, Unspec. | Suicide | Suicide |
| (128) | (139) | (41) | (102) | (257) |
| Homicide | Homicide | Drowning | MVT, Unspec. | Homicide |
| (46) | (66) | (32) | (64) | (202) |
| MVT, Unspec. | Pedestrian | Homicide | Homicide | Poisoning |
| (18) | (44) | (26) | (48) | (131) |
| Drowning | MVT, Unspec. | MV Occupant | Pedestrian | MVT, Unspec. |
| (10) | (34) | (25) | (43) | (123) |
| All Other | Suffocation | Pedestrian | MV Occupant | MV Occupant |
| (37) | (26) | (20) | (22) | (69) |

5 Leading Causes of Injury Deaths by Age California Residents 0-17 Years: (2018-2020), N=2,085

Educational Advocacy

Webinars

- Child Death Review (127 participants)
- . Drowning (172 participants)
- Youth Suicide (154 participants)
- 41% Physicians; 59% Other Learners

Policy Advocacy California in Collaboration with AAP-CA

Assembly Bill 2660 (Maienschein) Child Death Investigations: Review Teams (2021-2022). 8/2022 sent to Governor's Office for signature. CA-CDR Council defunded in 2008 due to great recession.

Senate Bill 855 (Newman) Childhood Drowning Data Collection Pilot Project (2022). 8/2022 sent to the Governor' Office for signature. Sponsor: AAP-CA & the CA Alliance for YMCA's

Childhood Drowning Data Collection Pilot Program

CA SB 855 (Newman)

- Establish fatal and non-fatal statewide drowning data collection system
- Inform on strategies & policies for drowning prevention
- CA Water Safety Plan
- Implement recommendations

Water Safety Resource for Families



Conclusions

Sustainable collaboration with the Orange County Child Death Review Team

New AAP-OC Project: Foundations for Childhood Drowning Surveillance and Prevention

Future educational webinars (CME and community)

Policy advocacy to reduce preventable fatalities and injuries

Authors have no financial relationships to disclose.

AAP/National Center for Fatality Review and Prevention 2020-2021 Chapter Grant

(Presented at American Academy of Pediatrics NCE. H0320: Joint Program: Section on Child Death review and Prevention and Council on Injury, Violence and Poison Prevention, October 10, 2022, Anaheim, CA)

References

- Cindy W. Christian, Robert D. Sege, The Committee on Child Abuse and Neglect, The Committee on Injury, Violence, and Poison Prevention, The Council on Community Pediatrics; Child Fatality Review. Pediatrics September 2010; 126 (3): 592–596. 10.1542/peds.2010-2006
- California Department of Public Health. EpiCenter California Injury Data Online. https://epicenter.cdph.ca.gov
- California Department of Public Health. EpiCenter California Injury Data (personal communication)
- Centers for Disease Control. WISQARS™ Web-based Injury Statistics Query and Reporting System https://www.cdc.gov/injury/wisqars/index.html.
- Sarah A. Denny, Linda Quan, Julie Gilchrist, Tracy McCallin, Rohit Shenoi, Shabana Yusuf, Benjamin Hoffman, Jeffrey Weiss, Council on Injury, Violence and Poison Prevention, Phyllis F. Agran, Michael Hirsh, Brian Johnston, Lois K. Lee, Kathy Monroe, Judy Schaechter, Milton Tenenbein, Mark R. Zonfrillo, Kyran Quinlan; Prevention of Drowning. Pediatrics May 2019; 143 (5): e20190850.10.1542/peds.2019-0850

Acknowledgments

- AAP Council on Injury Violence and Poison Prevention
- National Center for Child Death Review and Prevention
- Partners for Child Fatality Prevention Team
- AAP-National, AAP-California and AAP-Orange County staff and members
- Orange County Sheriff's Department (Tiffany Williams, Senior Deputy Coroner)
- The Raise Foundation (Eldon Baber, Executive Director)

Further Information

AAP-OC Injury and Violence Prevention Initiative • www.aap-oc.org/initiatives/injury-violence-prevention-2

AAP-OC Partners for Child Fatality Prevention • www.aap-oc.org/pcfp

AAP-OC Partners for Childhood Drowning Prevention • www.aap-oc.org/pcdp