Drowning of 1-4 Year Old Children in Swimming Pools and Spas

Surveillance Handbook

June 2010

California Chapter 4, American Academy of Pediatrics Injury and Violence Prevention Program

Funded by California Kids' Plates Grant Program



American Academy of Pediatrics



California Chapter 4

Copy downloadable at: http://www.ockeepkidssafe.org/drowning.htm



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Chapter 1 – Introduction

Overview of Project

The Foundations for Child Drowning Surveillance Project, funded by the California Kids' Plates Grant Program in 2008, was designed to improve the quality and consistency of multi-agency drowning surveillance in California. The project objectives were: 1) to develop and produce a comprehensive report on the state of drowning surveillance in pools/spas among young children in Southern California; 2) to create a "How To Handbook" illustrating the necessary components for building successful multi-agency drowning surveillance protocols at the local, county, and state level; and 3) to promote the adoption of standardized drowning surveillance state-wide.

Background

Over the past decade, 1,002 California children under the age of 15 years died from drowning. Toddlers and preschoolers are at highest risk - 660 of the deaths were children ages 1-4 years. Drowning accounted for 30 percent of the injury deaths of children in this age group.¹ Studies consistently show that these deaths primarily occur in swimming pools and spas. Over the past ten years, twice as many 1-4 year old children died in swimming pools than in motor vehicles.¹ Swimming pool drowning death rates for children ages 1-4 years have declined over the past decade in California², yet drowning continues to be the leading cause of injury-related death for children of this age. Drownings are second only to congenital anomalies as a leading

¹ EpiCenter California Injury Data Online , Fatal Injury, 1998 to 2007, California Residents. <u>http://www.applications.dhs.ca.gov/epicdata/content/TB_fatal.htm</u>

 ² <u>http://www.cdph.ca.gov/HealthInfo/injviosaf/Documents/DrowningToddlerPoolTrends.pdf</u>
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cause of death to young children in California and exceed motor vehicles as a cause of injury death.^{1,3}

The statistics for the United States are only slightly different compared to California, with drowning being the second leading cause of injury death and third leading cause of all deaths to children 1-4 years of age.³ It has been estimated that for each childhood drowning fatality, about 4 children are hospitalized and 14 are seen in the emergency department and released.

Contrary to popular notion, young children do not thrash about or verbalize distress while drowning. Most drownings are silent and not observed. Hence, measures to prevent these incidents from occurring is key to decreasing morbidity and mortality from drowning. Numerous prevention programs have been undertaken to prevent toddlers dying in swimming pools and spas, and, indeed there have been reductions in drowning deaths. Yet, drowning remains the leading cause of injury-related death for young California children. A deeper understanding of factors underlying these events may lead to more specific and enhanced prevention efforts.

However, inconsistent and incomplete data on childhood drowning hamper monitoring of trends; ascertainment of risk factors; and the design and evaluation of prevention strategies. Public health surveillance (the ongoing, systematic collection, analysis, interpretation, and dissemination of data regarding a health-related event for use in public health action to reduce morbidity and mortality and to improve health) should be

³ <u>http://www.cdc.gov/injury/wisqars/fatal.html</u>

undertaken for childhood drowning. An effective drowning surveillance system could be used to understand and monitor the epidemiology of drowning in order to set priorities and guide public health policy and strategies. Data from a public health drowning surveillance system could be used to: measure the burden of drowning to young children; monitor trends in the burden of childhood drowning; identify risk and protective factors; guide the planning, implementation, and evaluation of programs to prevent and control drownings; and evaluate public policy. The data necessary to understand and address the issue of child pool and spa drownings relate to the child who drowned (demographics, social, behavioral, and medical history) and the environment where the incident occurred (supervision, body of water, barriers, circumstances, etc.) as well as temporal factors. A checklist of variables/information to consider in the review and analysis of childhood drowning cases is provided in Appendix 1.

Purpose of Handbook

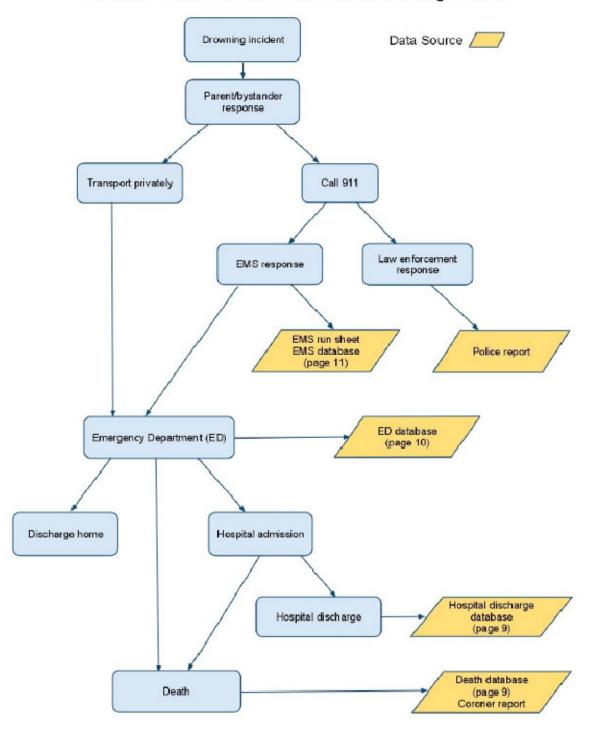
The *Drowning*⁴ of 1-4 Year Old Children in Swimming Pools and Spas Surveillance Handbook has been designed as a tool to help localities access drowning data, enhance drowning data collection, and initiate new drowning surveillance systems. This Handbook has been designed for Child Death Review Teams (CDRTs) and their members; coroners/medical examiners; first responders (police, fire, and Emergency Medical Services); public health agencies; medical providers; and injury prevention organizations and agencies. The extent and comprehensiveness of childhood drowning

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⁴ The World Congress on Drowning and the World Health Organization define drowning to be "the process of experiencing respiratory impairment from submersion/immersion in liquid." Drowning outcomes are classified as death, no morbidity, or morbidity. For the purposes of this document, drowning includes both fatal and nonfatal outcomes.

surveillance at the local and state level is dependent on available personnel; time and resources to commit to the project; the expertise and capabilities of agency personnel; and the level of commitment and willingness to champion the issue.

The flowchart on page 6 shows the various types of data sources and approaches that can be taken to obtain information about the extent of drowning in young children. At the very simplest level, data can inform on the extent of victims by age and gender, or incidents in a locale over a given period of time. Several existing systems can provide such information and are discussed in Chapter 3. The review process of CDRTs allows for more comprehensive surveillance on fatal drowning (Chapter 5). In addition, scene investigators (coroner/ medical examiner and law enforcement) can provide extensive details surrounding the circumstances of child drowning incidents (Chapter 4). Finally, some communities have established stand alone drowning incident data reporting systems that provide more information about all incidents, including nonfatal and fatal. Examples of these approaches to drowning surveillance are presented in Chapter 6 of this Handbook as models that have the potential for replication in other communities.



Flowchart - Outcomes and Sources of Data for Drowning Incidents

Chapter 2 - Child Drowning Surveillance Project Summary

Funded by the California Kids Plate Grant Program, the goal of the project was to improve the quality and consistency of multi-agency drowning surveillance in California. The objectives of the project were:

- To develop and produce a comprehensive report on the state of drowning surveillance in pools/spas among young children in Southern California (Review existing surveillance instruments and procedures; develop a comprehensive data collection tool, conduct in-depth review and analysis of Orange County and Riverside County Coroner cases; prepare collaborative report summarizing data and identifying missing data elements necessary for advancing childhood drowning prevention).
- Create a "How To Handbook" illustrating the necessary components for building successful multi-agency drowning surveillance protocols at the local, county, and state level.
- Promote the adoption of standardized drowning surveillance state-wide.

Coroner Data Review Process

Coroner records are a comprehensive and accessible source for identifying cases of children who drown. The first objective of this project was to determine what level of detail is available in the coroner files related to child drowning; compare the data Drowning Surveillance Handbook, California Chapter 4, American Academy of Pediatrics, June 2010 11 available to a comprehensive child data collection tool; and determine what, if any, additional insights coroner reports may provide related to drowning risk and prevention.

This was carried out by conducting an in-depth review and analysis of Orange County and Riverside County Coroner cases of children 1-4 years of age who drowned. The Orange County Coroner's office identified 46 pool/spa related drowning deaths of children ages 1-4 years occurring in Orange County from 2000-07. There were 23 Riverside County residents 1-4 years of age who drowned in Riverside County between 2003-07. The files were reviewed and data were abstracted onto a comprehensive data collection tool. Coroner case files which sometimes included police reports and Child Protective Services (CPS) reports were reviewed for the Orange County cases. For Riverside County, computerized investigation report summaries were reviewed.

A total of 69 cases were reviewed and analyzed. Thirty-eight percent of the children were two years of age, 29 percent were1 year, 20 percent were 3 years and 13 percent were 4 years. Sixty-two percent were male. In-ground pools accounted for 51 of the cases and spas/hot tubs for 14. Eighty-eight percent of the incidents occurred at single-family residences with two-thirds of these being at the child's own home. A detailed discussion of the findings can be found in the *Foundations for Childhood Drowning Surveillance Drowning Data Report.* A copy of the report is available at http://www.ockeepkidssafe.org/drowning.htm.

Conclusions

To assess the quantity of data available in the coroner files, frequencies of files containing documentation for the various variables were calculated. Quality of data was determined by calculation of frequency breakdowns for the variable items, cross tabulations of select variables as well as in-depth reviews of the narratives.

We found that the coroner files contained an extensive amount of information related to the circumstances surrounding child drowning deaths. The files varied considerably in terms of the breadth and depth of information that was recorded. However, we were able to identify patterns and issues that should be considered for monitoring trends and informing prevention efforts.

In the absence of having hard copies of reports to review (coroner, police, CPS), it appears that a system like Riverside County's which uses computerized investigation report summaries does a fairly good job of documenting information related to child drowning. However, the review of the Orange County Coroner files indicated that there is more data and rich detail available when there is access to all files (coroner investigation notes and case summary notes, police reports, CPS records, medical records).

Police routinely responded to the incident site where the child drowned. Because police focus on investigating the circumstances that lead to an incident (in this case, the child drowning), the police reports usually contained detailed information about the incident. The coroner investigator, in turn, used the police reports and sometimes their own investigation to help them determine the nature, cause, and circumstances of death. This was usually well documented in the case summary notes in the coroner files. There was, however, considerable variability in the extent and quality of drowning related information documented in both the police reports and coroner case notes.

In summary, the coroner files appear to be a good source of readily accessible data on child drowning that could be used in a comprehensive fatal drowning surveillance system.

Chapter 3. Existing State Data Systems

EpiCenter California Injury Data

The Safe and Active Communities Branch (SACB) of the California Department of Public Health (CDPH) operates a web site where visitors can query California's major injury data bases. The EpiCenter site provides data on California residents who get treatment or die because of an injury. Non-residents of California who drown in California are not counted. Currently, data are available for all injury deaths and for all injury hospitalizations. Emergency department data will be available soon.

Drownings and "near drownings" are counted according to the worst outcome. Thus if a patient dies while being treated in an emergency department or as an inpatient, only the death is counted. If a patient is treated in an emergency department, and later as an inpatient, only the impatient admission is counted. This ensures that one "drowning event" is only counted once, even if the patient showed up in more than one source of drowning data.

a. Fatal Data

Description:

SACB makes data available on its query web site, EpiCenter. EpiCenter identifies fatal cases by searching the electronic death certificate files of California residents for any record where the underlying cause of death was an injury (defined as cases where there was an external cause code as the underlying cause of death).

Drowning Relevant Data:

- o Obtains information on age, gender, county of residence
- Drowning is listed as the underlying cause of injury
- Specific cause of injury codes related to pools and spas include
 - W67 Drowning and submersion while in swimming pool
 - W68 Drowning and submersion following fall into swimming pool

How to access data:

EpiCenter website - http://www.applications.dhs.ca.gov/epicdata/

b. Nonfatal Hospital Discharge Data

Description:

EpiCenter identifies nonfatal hospitalized injuries by searching hospital discharge data files (HDD files) for records where a California resident was hospitalized for an injury (an external cause of injury code was present in the record).

Drowning Relevant Data:

- Obtains information on age, gender, race/ethnicity, county of residence, expected source of payment, and length of hospital stay
- Near drowning is listed as the principal cause of injury
- Specific E code related to pools and spas is
 - E910.8 Other accidental drowning or submersion (Drowning in quenching tank or swimming pool)

How to access data:

EpiCenter website - http://www.applications.dhs.ca.gov/epicdata/

c. Emergency Department Data

Description:

EpiCenter identifies nonfatal emergency department (ED) treat and release injuries by searching ED discharge data files for records where a California resident was treated in an ED for an injury (an external cause of injury code was present in the record) but not subsequently hospitalized.

Drowning Relevant Data:

- Obtains information on age, gender, race/ethnicity, county of residence, expected source of payment, and length of hospital stay.
- Near drowning is listed as the principal cause of injury.
- o Specific E code related to pools and spas is
 - E910.8 Other accidental drowning or submersion (Drowning in quenching tank or swimming pool).

How to access data:

EpiCenter website - http://www.apps.cdph.ca.gov/epicdata/

ED data is not available as of this writing.

CEMSIS – California EMS Information System

Description:

The California Emergency Medical Services Information System (CEMSIS) collects data from Local EMS Agencies (LEMSA) across the state.⁵ It is important to note that CEMSIS has two data reporting systems (CEMSIS-Trauma and CEMSIS-EMS). Currently CEMSIS-Trauma has extensive trauma data reported but it does not include drowning because drowning is not classified as a trauma in the California trauma system unless other associated injuries are found, e.g. spinal injury associated with diving and subsequent drowning. The CEMSIS-EMS began EMS911 data reporting with some counties in 2010 and will expand to others in the future. It should be noted that while the CEMSIS-EMS data standards reflect the data listed below, full compliance with local collection and subsequent transmission to the state of this data is inconsistent at this time.

Drowning Relevant Data in the CEMSIS-EMS:

- Collects data on age, gender, ethnicity, zip code, incident location type, scene GPS location, incident city and country, prior aid type and by whom, transport information, emergency department, and hospital disposition
- Data dictionary indicates some drowning specific data is also collected.⁶ These include:

⁵CEMSIS <u>http://www.emsa.ca.gov/systems/default.asp</u>

⁶ EMSA #164: CEMSIS Data System Standards with code values , Revised 3/29/10 <u>http://www.emsa.ca.gov/systems/CEMSIS/EMS_Data.asp http://www.emsa.ca.gov/pubs/pdf/emsa164.pdf</u>

- Complaint noted by dispatch drowning
- Condition code number near drowning
- Cause of injury drowning
- Cardiac arrest etiology drowning
- Safety factors that affected incident
 - Swimming pool self-closing, self latching gate
 - Swimming pool no self latching gate
 - Swimming pool surrounded by barrier fence
 - Swimming pool no fence

How to access data:

Contact your LEMSA to see what data they collect and what they can provide.

Chapter 4. Child Death Review

Overview

The most important reason to review child deaths is to improve the health and safety of children and prevent other children from dying. Child death review (CDR) brings together government and community agencies to systematically share information on child death events and identify risk factors in the deaths. The goal is to understand how and why children die in order to take **action to prevent other deaths**.

Throughout the U.S., CDR programs differ in the types of deaths reviewed, composition of state and local teams, level of state support and leadership, supporting legislation and reporting systems. The National Center for CDR Policy and Practice, funded by the Maternal and Child Health Bureau, was established in 2002 as a resource center for state and local CDR programs. The National Center helps to standardize practices and build state and local team capacity to prevent deaths. They have developed an outstanding program manual to assist CDRTs with their review processes and includes guidelines on who should be members of the team and on what records should be used.

In addition, the National Center for CDR Policy and Practice had established an on-line reporting system. A standardized case report tool was developed with the guidance of a workgroup who developed a set of standardized data elements and data definitions. The case report is part of the CDR Case Reporting System, a web-based application that allows local and state users to enter case data, access and analyze their data and

download standardized reports via the internet. Recognizing the importance of quality data, the National Center has developed a comprehensive data dictionary and conducts trainings to assist teams in completing the case reporting system form.⁷

California CDRTs and Data Reporting

Local CDRTs have been functioning in California since the early 1980s, with Los Angeles County starting in 1978. Since 1988, teams are formally authorized (not mandated) in statute (Penal Code §11174.32). Most California counties continue to maintain CDRTs, with 50-55 local CDRTs active at any time. Review selection criteria vary by team. Most CDRTs review all sudden, traumatic and/or unexpected child deaths (i.e., Coroner cases), including injury, natural, and undetermined deaths. Generally teams review cases of children that are less than 18 years old. Prevention is the overriding priority, but California's CDRTs have several objectives: 1) to assist in identifying and investigating potential child maltreatment cases; 2) to assist in protecting siblings and other children; 3) to identify and assist in improving agency and systems problems; and 4) to prevent future child deaths from all causes through identifying the circumstances surrounding child deaths and developing recommendations and effective action.

An informal network of regional CDRT coordinators exists in California to maintain communication among local CDRTs and state agencies. There is a mandate for the Attorney General's Office to support a state team but it is contingent upon funds being

⁷ A Program Manual for Child Death Review - Strategies to Better Understand Why Children Die & Taking Action to Prevent Child Deaths. Prepared by The National Center for Child Death Review, September 2005. <u>http://www.childdeathreview.org/Finalversionprotocolmanual.pdf</u>

available. The State CDR Council was established in 1997 and disbanded in 2008 when state funds were cut.

CDPH created the Fatal Child Abuse and Neglect Surveillance (FCANS) Program in 2000 to carry out its mandate to track data on fatal child abuse and neglect (Penal Code §11174.34). Although State funds for the FCANS Program were cut in 2008, funding is now provided through two federal grants: Centers for Disease Control and Prevention (CDC) Prevention Block Grant and the federal Maternal Child Adolescent Health Title V Block Grant. Contact information is

Fatal Child Abuse and Neglect Surveillance (FCANS) Program Attn: Steve Wirtz, Ph.D. Safe and Active Communities (SAC) Branch California Department of Public Health PO Box 997377, MS 7214 Sacramento, CA 95899-7377 (916) 552-9831 Fax (916) 552-9810 steve.wirtz@cdph.ca.gov

Functioning local CDRTs are required under Penal Code §11174.34 to submit data to this statewide monitoring system. The FCANS Program has adopted the National Center for CDR Case Reporting System for local teams to use to report to the state. To use the online system, local CDRT Coordinators and/or designated representatives must sign a confidentiality statement and be assigned a username and password to access the California page of the National CDR Case Reporting System. This secure Drowning Surveillance Handbook, California Chapter 4, American Academy of Pediatrics, June 2010 22 online system allows local teams to enter, edit, and delete cases, manage their data storage and access, generate ~25 standard reports on their own county data, and to download their data for further analyses. For most teams it has become their primary data collection and management system. The current data form can be viewed at www.childdeathreview.org under CDR Reporting Tools, specifically at:

http://www.childdeathreview.org/reports/CDRCaseReportForm2-1-11009.pdf. Training on using the data collection form and online system is provided by FCANS Program staff either in person or by phone and email as needed. The standardized online or hardcopy data reporting forms are completed by the local CDRT for all mandated cases and for most other reviewed cases as well. If hardcopy forms are completed, they are sent to the FCANS Program and entered into the online system at the state level.

The FCANS Program has approximately \$150,000 of local assistance money to reimburse local teams for submission of data forms. Once service orders or contracts have been executed with a local team's fiscal agent, teams are reimbursed at a rate of \$150 per case up to the contract's allocated amount. Currently, 35 CDRTs in California are using the online National CDR System or submitting hardcopy forms, covering the vast majority of the state's population.

Child Death Review Team Guidelines for Drowning Surveillance

Given that there is a process in place that examines child deaths (i.e. CDRTs) and a mechanism for systematically reporting these deaths and the circumstances surrounding them (National Center for CDR Case Reporting System), there is an opportunity to utilize this system to conduct surveillance on child drowning deaths.

However, there are some limitations with the current level of detail related to childhood pool/spa drownings that is collected through that system. As part of this Kids Plates project, we developed the *CDR Case Reporting Form Pool/Spa Drowning Supplement* to the National Center for CDR Case Reporting Form. The additional information obtained in the supplement will enhance our understanding of risks related to child drowning and may be useful for designing more targeted and appropriate interventions.

Following are the recommended steps for CDRTs to follow for the review and surveillance of drowning deaths of children less than five years of age involving pools and spas.

Step 1. Conduct Reviews of All Fatal Child Drowning Cases

- Obtain records as recommended in the National CDR Program Manual (Appendix 2 contains a list of recommended records to review for drowning deaths).
- Include Police and Medical Examiners/Coroners who are core members of CDRTs in team meetings. It is especially important to review copies of their

reports, including pictures and diagrams, to better understand the circumstances surrounding the drowning incident.

- Invite the officer who was at the scene to participate in the case review. If this is
 not possible, a phone call and interview by a CDRT member in advance of the
 CDR meeting is recommended. Use the Scene Investigation Guidelines (page
 18 of this document) when obtaining information about the drowning incident.
- Use the Issues and Questions to Consider When Conducting Review of Child Drowning Case (Appendix 1) checklist to assist in collecting information.
- In communities with a large number of child drownings, consider establishing a drowning review subcommittee or scheduling special review meetings to address groups of child drowning deaths.

Step 2. Complete and Submit the National CDR Case Reporting Form

- Print (<u>http://www.childdeathreview.org/reports/CDRCaseReportForm2-1-</u> <u>11009.pdf</u>) or photocopy the National CDR Case Reporting System Case Report 2.1 (Appendix 3 of this document).
- Complete the Case Report form following the guidelines outlined in the CDR Program Manual.⁸ (It is recommended that teams complete a hard copy of the form before submitting on-line because data will become available before, during and after the review meeting. Filling out a hard copy first will make it easier to submit a complete on-line record of the review.)
- Follow the California guidelines for submitting the data form.

⁸ A Program Manual for Child Death Review - Strategies to Better Understand Why Children Die & Taking Action to Prevent Child Deaths. Prepared by The National Center for Child Death Review, September 2005. <u>http://www.childdeathreview.org/Finalversionprotocolmanual.pdf</u>

- For those teams participating in the national on-line system, submit the data on-line.
- For all other teams⁹, submit a hard copy of Case Report 2.1 to the FCANS
 Program listed on page 13 of this document.

Step 3. Complete Child Drowning Pool/Spa Supplement

- The Child Drowning Pool/Spa Supplement should be used for all pool/spa drowning deaths of children less than five years of age.
- Photocopy the *Child Drowning Pool/Spa Supplement* on pages 16 and 17 or download a copy from <u>http://www.ockeepkidssafe.org/drowning.htm</u>. Complete the *Supplement* as part of the child death review process.
- Currently there are no procedures in place for submitting the supplemental data to the state or national CDR system. (Negotiations are currently underway to incorporate the *Supplement* into the next version of the national on-line reporting system).
- However, it is recommended that local teams review the supplement data along with the National CDR Case Reporting System case and summary data reports for the drowning cases they have reviewed. The National System can provide teams with individual case reports as well as several standardized reports, including two drowning specific reports.¹⁰

⁹ Local California CDR Teams are required to submit data to the FCANS Program and are encouraged to participate in the national system. For further information, contact Steve Wirtz, PhD, FCANS Program, SAC Branch, CDPH, (916) 552-9831, steve.wirtz@cdph.ca.gov.

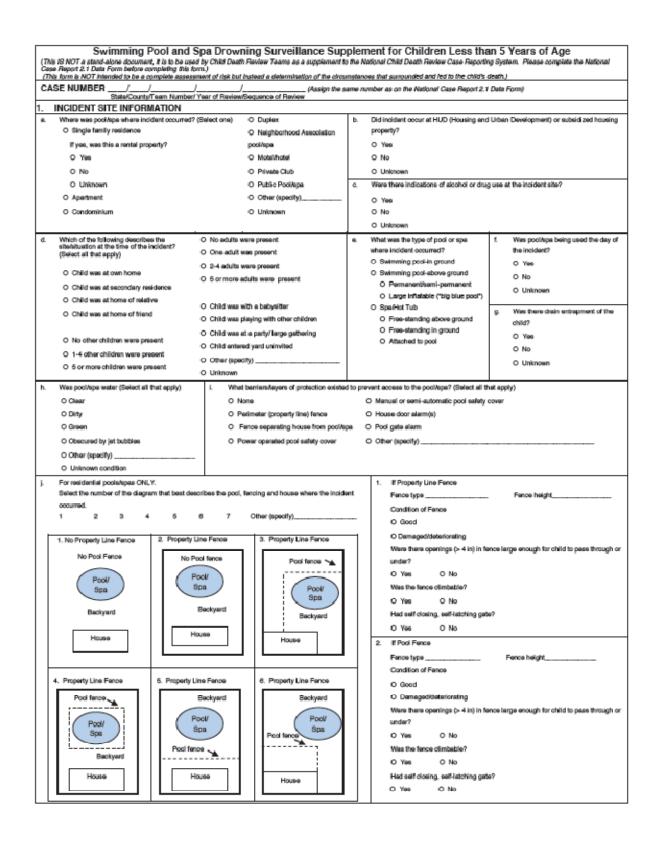
¹⁰ One of the standardized drowning reports provides demographic data by place of drowning. The other standardized report provides factors related to flotation device, child's swim ability, barriers, supervision and supervisor alcohol or drug impaired, also by place of drowning.

 To assist local teams with the process of compiling and summarizing the supplemental drowning data, we developed an easy to use data entry and analysis tool. This program as well as the standardized drowning reports and individual case summaries from the National System will assist local teams in better understanding issues related to young childhood pool and spa drowning in their communities. Information on how to obtain a copy of a CD with our program and instructions for use is available at

http://www.ockeepkidssafe.org/drowning.htm.

Step 4. Work with local law enforcement and medical examiner/coroner to improve data

- Encourage local law enforcement, medical examiners and coroners to improve and report on the data collected through scene investigations.
- Disseminate Drowning Surveillance Guidelines for Scene Investigators (pages 18 and 19) to local law enforcement and coroner/medical examiner agencies.



	2 CHILD INFORMATION							
0	2. CHILD INFORMATION Where was child last seen before incident?	b. How did child ga	in oce	ees to pool/spa?		•		
•	O Swimming/playing in pool/spa	(May select more				 Safety cover/ net wa 	a company	
	O Playing outside in vicinity of pool/spa		area by other perso	-	 Pool fence gate was 			
		-				-		
	 Playing outside in backyard, not near pool/spa 			erson into pool/spa	area	 Child opened/unlock 		
	 Playing outside in front yard 	O Sliding door i					under or over pool fence	
	 Playing inside 	O Child opened	/ unico	cked sliding door fro	om hour	se O Property line fence g	pate was propped/left open	
	O Watching TV:/video inside	O Hinged door	was ko	ft open		 Child opened/unlock 	ed property line fence gate	
	 Sleeping inside 	O Child opened	luniod	ked hinged door fro	om hous	se O Child went through, under or over property line fence		
	 Going in/out of house not in area of pool/spa 	O Unknown lifd	oor lef	t open or left unlicck	ked	O No mention of access	is but child was outside in area of pool	
	O Going injout of house to area with pool/spa	O Child exted t	O Child exted through open window			 O Other (specify) 		
	O Other (specify)	O Door alarm d	d not :	sound/ was disarme	ed	O Unknown		
	O Unknown							
						Und any of financial factors and	with the shift of the last of the trends t	
C.	Had child had formal swim instruction? O Yes	d. What was childs	attine	2	0.	Had any of these previously occurred	with the child? (Select all that apply)	
	O No	O Swimwear				O Giotten out of house by self	O Unlatched gates/doiors	
	O Unknown	 Other clothin; 	9			O Been found by the pool	O Failen into the water	
	O GINDOWI	O None						
		O Unknown				O Gone into the pool unattended	 Opened doors leading to pool 	
						 Jumped in the pool unexpectedly 	O Other (specify)	
3.	SUPERVISION/ SUPERVISOR INFORM		-		-			
a.	Select which of the following best describes the supe	rvisory status of the	b.		upervis	or at time of incident?		
	child at the time of the incident. O One adult clearly responsible for supervising the o	enter		O In house				
	 Two or more adults sharing responsibility for super 			O Outside- mean	r or in p	oolkpa		
	 Multiple adults-no one clearly assigned supervisio 		O Outside not is violative of pool ison					
	O Child thought to be okay because was with other		 Not research on promises 					
	O Another child assigned to supervise child		O Other (specify)					
	O Other (specify)							
C .	At time of incident was supervisor (Select all that app		d	Had supervisor				
u.	 O Drug impaired 	00	а.					
	O Alcohol impaired			Been drinking? O Yes				
	O Asleep			Q Ng				
	O Napping with child/ren			O Unknown				
	 Impaired by illness or disability (specify) 							
	 Distracted- doing what 			Been using drugs O Yes	\$7			
	O On phone			O No				
	O Preparing meal			O Unknown				
	O Working around house			S GINDWI				
	 Watching TV Attraction to contract child 							
	 Attending to another child Cleaning 		0.	Had supervisor to	aken Ci	PR7		
	 Cleaning Talking/visiting with another person/s 			O Yes O No				
	O in bathroom							
	O Other (specify)			O Unknown				
	O Supervisor absent from location of incident							
	O Other (specify)							
	O Unknown							
4.	EMERGENCY RESPONSE INFORMAT	ION						
а.	Who initiated CPR?		b.	Estimated time to	o initiate	CPR:		
	O Supervisor			O Immediately/	within r	ninutes		
	 Relative/friend/neighbor at incident location 			O Delayed				
	 Bystander at incident site 				1000024	response got to scene		
	 Neighbor, but not at incident location 				gar nay			
	O Police			O Unknown				
	O Paramedic							
	O Other (specify)							
	O Unknown							

Chapter 5. Guidelines for Scene Investigators (Police & Coroner/ME)

Law Enforcement and Coroners/Medical Examiners conduct scene investigations which contain key information for CDRTs. The scene investigation reports can provide essential insights and details into the circumstances surrounding the drowning death of a child when documented properly. This information is useful for public health professionals and others interested in preventing childhood drowning.

Descriptive documentation, photographs and sketches of the scene as well as information obtained from witness interviews can provide important insights into the circumstances and risk factors for child drowning. A detailed narrative description of the incident can provide a clear understanding of the sequences of events before, during and after the incident and the circumstances involved.

Specifically, the areas that are of interest that would advance knowledge of factors that contribute to child drowning and could guide interventions and measures to prevent child drownings are:

Circumstances leading up to and at the time of the drowning					
 Incident information Type of dwelling or facility Site of incident (i.e. single family home, community pool, apartment pool) if home, whose; rental or HUD Number of people at scene, presence of other children Occasion (i.e. birthday party, neighborhood gathering, BBQ, etc.) Drug and alcohol use and by whom 	 Body of Water Type (i.e. in-ground pool, spa, etc.) If pool/spa, when built Condition of water (i.e. murky, green) Objects/toys in water Take photos 				
 Barriers or other protective devices to prevent children from accessing water Fences (both property line and those around pool) Description of each in terms of type, height, general condition, whether or not a child can go through, over or under For pool fence, does it completely surround pool Gates (self-closing/self latching, open or closed) Door alarms, locks, pool cover, other measures Type, general condition, functionality and use Take photos of the above. 	 Child Specifics on how child gained access to water Where was and what was child doing prior to the incident How long was child missing Swim ability, history of swim lessons Prior risk behaviors Clothing Use of flotation device 				

Supervision	CPR
 Degree and level of supervision 	 By whom, how long, and their ability.
 Who was supervising, age and what were they 	 Response times of police and fire.
doing	 Delay time in calling 911 from time child
 Supervisor swim and CPR ability 	was observed
 Drug and alcohol use - will they submit to 	
Preliminary Alcohol Screening (PAS)	

Documenting presence or absence of relevant information is important. If there is no documentation related to a particular item, a determination on whether or not this is a problem or risk factor cannot be made. For example, if water clarity was not documented for all cases, we cannot make a determination if this is an issue in the drowning of young children.

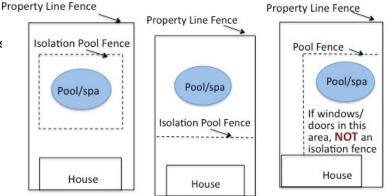
Two resources are available for observing and documenting drowning related information: *Quick Reference Guide for Scene Investigators* (next page) and Appendix 1. *Issues and Questions to Consider When Conducting Review of Child Drowning Case*.

Quick Reference Guide for Scene Investigators

To facilitate incident comparison and data collection, please refer to this guide before completing investigation report.

<u>Property Line Fencing</u> – In a home with a pool or spa, this type of fence is typically positioned along the property line in an effort to keep neighboring children and uninvited adults from accessing the pool/spa. Property line fencing is an important barrier, but it does *not* restrict access to the pool area from the home itself.

<u>Isolation Fencing</u> – This fencing is designed to restrict access from the house structure to the pool/spa area by completely separating the house from the pool/spa. Proper placement of Isolation Fencing allows access to the pool/spa ONLY through the gate(s) in that fence. There is no direct access from the house or garage to the pool through doors or windows.



<u>Barrier Standards</u> – Fences should be at least 4 feet high (CA code requires 60" for a new pool, but does allow for mesh fencing, which would probably be 48"), climb-resistant and well maintained. There should be NO openings in which a child can pass through or under the fence (4 inches or less between vertical members and/or at the base of the fence). Fences should have gates that are self-closing, self- latching and open out from the pool/spa. All gates and alarms should be functional and in good working order. (Note: you never want a self-locking gate on a residential pool, as the gate tends to be propped open during a pool party or activity, since not everyone has a key, and the self-locking gate may prevent quick rescue should it be necessary. Key-lockable is good, along with self-latching.)

<u>Self-Closing / Self-Latching Gates</u> – A properly installed gate will open outward from the pool/spa area. A self-closing gate will operate on hinges that allow the gate to completely close by itself. A self-latching gate means that the latch catches securely by itself. Latches should be child resistant, with the release knob mounted at least 54" from grade.

<u>Pool and Spa Safety Covers</u> – Not all covers are designed for safety (some are for heating purposes only). A safety cover meets American Society for Testing and Materials (ASTM) International voluntary standard F1346-9, which includes a requirement to hold a minimum of 485 pounds. They can be motor-driven (automatic) or manual.

<u>Pool Safety Nets</u> – These woven-rope type structures prevent full access to the water. When installed, they secure to permanent connectors installed directly into the concrete decking of the pool area, hold a minimum of 485 pounds and must have a maximum opening of 4" or less.

<u>Door and Window Alarms</u> – These are special alarms (battery or wired to home electrical system) on pool-access doors and windows that sound loudly throughout the house when a door or window is opened unexpectedly. They should have a temporary bypass switch located at least 54" from the ground, which allows an adult to pass through the door without activating the alarm. This switch should automatically reset after each use. An alarm connected to a home security system is NOT designed for drowning prevention.

<u>Pool Alarms</u> – Also known as water alarms, these either float in the water or are attached to the side of the pool, and sound when a child or other large object disturbs the water.

<u>Floaties / Water Wings</u> – Flotation devices such as inflatable arm bands, pool noodles, inflatable water rings and rafts are NOT US Coast Guard approved. These should not be used in place of US Coast Guard approved life jackets.

<u>California Pool Safety Law</u> - California's Swimming Pool Safety Act (Health and Safety Code Sections 115920-115929) requires at least one approved safety barrier be in place all pools and spas built after January 1, 1998 and for any pools being remodeled.

Chapter 6. Local Drowning Surveillance Systems

This chapter describes five successful, specially designed, stand-alone, local drowning surveillance systems. The lead agencies for these systems include a state health department, county health department, fire agency, emergency medical services agency, and Safe Kids drowning prevention coalition. The methods and approaches for collecting data vary greatly between the systems. However, they are similar in that none has dedicated funding for personnel and resources. Despite these challenges, each has been successful because a champion has been committed to maintaining data collection, thus ensuring the continuation and viability of their drowning surveillance efforts. These five drowning surveillance systems are used to guide drowning prevention efforts in their respective communities; they serve as exemplary models for other communities to emulate.

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Riverside County Submersion Incident Report Form (SIRF)

The Riverside County Department of Public Health Injury Prevention Services developed an active surveillance system for drowning. Injury Prevention Services (IPS) of Riverside County Public Health Department developed the Submersion Incident Report Form (SIRF) Program in 2004 with funding from First 5 Riverside. A task force was created by IPS to look into the issue of drowning and strategies for decreasing the drowning rate. The IPS task force determined that the priority would be to create and implement a more functional drowning data collection program that would provide details into how children are gaining access to water.

First steps included meeting with law enforcement and first response agencies to discuss their involvement in collecting the data. With their input, and referencing the successful drowning incident surveillance program in Maricopa County, Arizona, a comprehensive data collection form was developed for the SIRF Program. The intention was for first responders, whether law enforcement, fire personnel or paramedic units to complete the form after responding to *any* drowning incident in Riverside County. The completed forms were sent back to IPS for data entry and analysis by Riverside County Department of Public Health/Epidemiology and Program Evaluation Branch.

Beginning in June 2004, emergency first responders filled out a paper form and submitted it to the department for computer entry. In 2007, an internet-based system using Survey Monkey was initiated, with minor revisions in the questions. Emergency first responders can log into the system and enter the data directly. Some paper forms

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continue to be submitted and entered. Minor revisions to the questions were made again in 2008. Currently in Riverside County, data are submitted to IPS by fire, law and EMS personnel. Medical aid is provided by a coordinated effort from both fire and EMS responders. It is not uncommon to receive two or three SIRF forms per incident. The annual number of reports has increased since the inception of the project – 127 reports (representing 95 incidents) were submitted in 2009, up 76 percent from 2007.

IPS follows the cases and determines the disposition of hospitalized cases. Children are often transferred out of county making it difficult to obtain patient outcome information. In addition, issues with confidentiality, Health Insurance Portability and Accountability Act (HIPAA) and CPS referrals can be challenging. In the case of fatal child drownings, prior CPS investigations of the family and any prosecution are followed up in the Riverside CDRT.

The major challenge for IPS has been maintaining the SIRF project without dedicated funding for staff time and resources. The on-line form has not eliminated the need to follow up with first responders on incomplete information; hard to read faxed copies (older paper copies of SIRF continue to be used); and to clarify information between agencies when observations for the same scene vary from one report to another. Considerable staff time is also needed to maintain contact with correct agency personnel (nursing, law enforcement and fire move positions frequently) to obtain outcome information and to distribute new materials and information.

Contact:

Victoria Young, RN/BSN/PHN, Program Coordinator II, Injury Prevention Services

951-358-7171 vyoung@co.riverside.ca.us

Cindi Stoll, RN/BSN/PHN/CEN, Trauma System Manager

951-358-5029 cstoll@co.riverside.ca.us



SUBMERSION INCIDENT REPORT FORM SIRF)

To be completed on all drowning occurring in Riverside County = fatal & non-fatal, adults and children.

BASIC INCIDENT INFORMATION	A: ADULT SUPERVISION
Date of Incident:Time of Incident:	Supervisor(s) at time of incident: Unknown NA = adult
Your Agency's Incident Number:	Mother Father Sibling
Reporting Agency:	Babysitter/Childcare Provider
Street name:	Pool party in progress at time of submersion
Incident City: Zip code:	Other (specify):
Type of Dwelling: ☐ House ☐ Apartment ☐ Condo	Supervisor activity inimediately prior to incident.
Hotel/Motel N/A Other:	Unknown
	Alcohol and/or drug use evident? 🗆 Yes 🗆 No 🗖
VICTIM INFORMATION	
Age of Victim: Sex: DM: DF	B: BARRIER INFORMATION Water Barriers Present
Victim's Race/Ethnicity: Unknown	Property barrier fence present: D Yes D No D Unk
🗆 American Indian 🗆 Asian 🗆 PI 🗆 Black 🗆 Hispanic	N/A
🗆 White 🗆 Multi racial 🗆 Other	2 nd fience around pool present Yes No Unk IN/A
Victim Last Seen: 🗆 Unknown	Self-closing/Self-latching gate 🗆 Yes 🗆 No 🗖 Unk 🗆
Swimming Playing Outside Playing Inside	N/A
Sleeping Other:	Other barriers/alarms present:
Est. length of time submersed:	□ Unknown/unable to access □ Sliding Door Alarm
Est. length of time submersed:	Door Alarm Door Alarm Dool Cover/Alarm
	D Pool net
Type of Clothing Worn by Victim: Unknown	Other Barrier
Swim suit Day clothing Pajamas None	Access to Pool by Victim:
Alcahol and/or drug use evident? 🗆 Ves 🗆 No	Unknown
WATER SOURCE INFORMATION	□ Direct Access by Adult
Site of Incident:	Direct Access by Child/no barriers or supervision Child brought in to water area by other person
Victim Residence Relative Residence	Pet door
Neighbor Residence Friend Residence	
□ Sitters/Daycare Provider □ Hotel/Motel	Explain how victim got through barrier(s):
Public (community, county, city) Unknown	C: CLASSES/EMERGENCY PREPARATION
□ Other:	Was rescue equipment near water?
Water Clarity: Water Depth: Clear Cloudy Under 18"(approx. depth)	□ Shepherd's hook □ life ring □ other:
\square Muddy \square Green \square 18" – 48" \square Over 4'	□ None □ Unknown/not assessed
	Who initially performed CPR?
—	□ supervisor □ bystander □ 9-1-1/ EMS personnel
Water Type: D Unknown	□ NA/CPR not performed □ Unknown
Pool – in ground Spa/Hot Tub Bathtub Pool – above ground Toilet Bucket	Did victim ever take swim lessons or water safety classes?
Child wading pool Lake or pond Stream/river	□ Yes □ No □ Unknown
Canal/inigation ditch Other:	
	Victim Transported to: DOA on Scene
Toys or objects in water? I Yes I No I NA I Unknown	Narrative:
If yes, describe:	
Pool/spa built before 1998? 🗆 Yaz 🗆 No 🗖 Unk 🗆 N/A	
Completed by:	
Email Address:	CPS Referral made: YES NO Date:
	Reason:
Contact Phone:	

FAX Completed Form to: (951) 358-7175, Injury Prevention Services Questions? Call (951) 358 - 7171 ask for Vicki Young

San Bernardino County 911 Submersion Incident System

In response to the large number of drownings in San Bernardino County, California in the 1990's, the San Bernardino Drowning Prevention Network (DPN) was established with membership representing Safe Kids, law enforcement, fire, EMS, and public health agencies. Currently, there are about ten active members who meet monthly. They are involved in a number of prevention activities but have also developed a system to identify submersion incidents through the 911 system. A Response Team is made up of DPN members who volunteer days of the month to take "call." A monthly calendar with who is on call and their phone number as well as guidelines for reporting submersion incidents is sent to the major 911 Communications Center for the county. (There are two 911 Communications Centers in the county.)

The Communications Center notifies the person on call (duty person) who provides them with incident information (city, age, location of incident, type of body of water) and the phone numbers of the responding fire department Duty Chief and Public Information Officer. After 20-30 minutes, the DPN duty person follows up with a phone call to get an update on the status of the submersion incident. The DPN duty person coordinates with the fire department about contacting the media. In addition, they encourage the fire department to send a SIRF (same type of form as that used in Riverside County) to the Safe Kids Inland Empire Coordinator at the Loma Linda University Medical Center who is also a member of DPN.

The DPN duty person also notifies the Safe Kids Coordinator by email of the incident who in turn coordinates necessary follow up to make sure the story went out and a SIRF report was filed. In addition, notebooks with the procedures, the tracking sheet, a calendar, and local statistics are provided for each member of the DPN Response Team.

The strengths of the San Bernardino County 911 Submersion Incident System are: a) there are individuals in the county committed to the issue of drowning prevention; b) the surveillance is coordinated through an existing 911 system; c) the process provides timely notification of incidents; and, d) public awareness is integrated into the surveillance functions.

Some of the challenges encountered with the system include: a) individuals must volunteer to take call; b) someone from EMS is required to establish rapport and work with the dispatch centers (911 Communications Centers); c) responsibility and commitment of someone to oversee the effort; and d) HIPAA restrictions may prohibit the release of information.

Contact: Kim Patrick, Safe Kids Inland Empire Coordinator Loma Linda University Children's Hospital 909-558-8118 "Patrick, Kim" <u>KPatrick@llu.edu</u>

Child Drowning Surveillance in Central California

Each year a significant number of water related injuries occur in the Central Valley. Many of these children are treated at Children's Hospital Central California, the primary pediatric referral center for California's Central Valley. Since 1990, Children's Hospital has been tracking these children both as inpatients and ED referrals. However, this system did not provide a reliable picture of the actual numbers of drowning events.

Therefore, in collaboration with the local EMS Agency (Central California EMS) the Pre-hospital Liaison Nurse at Children's Hospital Central California has been the champion of drowning surveillance. The Nurse is notified of all drownings that occur within the four county EMS region via the electronic documentation system. These counties are Fresno, Madera, Kings, and Tulare.

Children's Hospital participates as a member of multiple Pediatric Death Review committees. Details of any drowning incident involving a child who did not have an EMS ambulance response are captured in this forum.

Whenever a pediatric drowning is admitted to Children's Hospital, the Pre-hospital Liaison Nurse is paged. The nurse calls for information which allows for follow-up the next business day.

Volunteers routinely review newspapers and online news outlets for local drowning victims. Few cases are detected by this review alone.

Data on these events are placed into an Access database for event information, as well as for patient outcome.

Every month at Central California EMS meetings, the Pre-hospital Liaison Nurse shares statistics with all participants which include personnel from Base Hospital Emergency Departments, Ambulance Providers, Emergency Preparedness personnel, and county officials. Children's Hospital is also a member of the Water Safety Council of Fresno County and is the Lead Agency for the Central Valley Safe Kids Coalition. Up to date statistics are also shared at these meetings.

Limitations of current system: Underreporting. For the past five years Children's Hospital has partnered with Fresno Unified School District to provide a water safety curriculum for first graders. As part of this program the children and their families complete a questionnaire. One of the questions asked is "Have you ever had a "scary water experience"?" Over 50 percent of families report they have. Also in many of the hospital's injury prevention classes, similar experiences are related. None of these anecdotal family reports would be included in the data, although by definition they would be a drowning that was not fatal or did not necessarily require medical attention.

Contact: Mary Jo Quintero, R.N., P.L.N., Water Safety Program Coordinator Children's Hospital Central California <u>mquintero@childrenscentralcal.org</u> 559.353.8661

Orange County – OCFA Child Immersion Incident System

As a result of an Orange County Grand Jury Inquiry in 2000-01,¹¹ the Orange County Fire Authority (OCFA) established the OCFA Childhood Immersion Incident System. A special module (with variables similar to the Arizona and Riverside reporting forms) was developed for in-house use with the web-based National Fire Incident Reporting System (NFIRS). NFIRS is the standard national reporting system voluntarily used by U.S. fire departments to report fires and other incidents to which they respond and to maintain records of these incidents in a uniform manner.¹²

A special computer program was written for the Orange County Fire Incident Reporting System (OCFIRS) that was incorporated into NFIRS. A Child Immersion form is automatically generated from the EMS/Patients tab on the Cover Data Entry page when the Precipitating Event is entered as "Drowning/Near Drowning" AND the patient's age is entered as 16 or under. Once the criteria has been entered a "small child" icon will be displayed indicating that a Child Immersion Form has been generated. The Captain of the first engine responding to the scene is responsible for completing the on-line OCFIRS Report.

On a daily basis, OCFA submits NFIRS required data electronically to the national data center and reports cases of drowning to the Orange County Health Care Agency.

Drowning Surveillance Handbook, California Chapter 4, American Academy of Pediatrics, June 2010

¹¹ "Only a Few Seconds" Young Children Drown Without a Sound – 2002-2001 Orange County Grand Jury Report Summary (http://www.ocgrandjury.org/pdfs/poolsafety.pdf)

¹² US Fire Administration, FEMA, National Fire Incident Reporting System http://www.usfa.dhs.gov/fireservice/nfirs/about.shtm

The strengths of the OC system are that it is timely because the data is entered daily; because it is computerized, it automatically identifies cases and branches to the appropriate data screens; and it is integrated into an existing system. The major limitation of the immersion system is that it only collects OCFA cases of child drownings and lacks data from city fire departments that do not contract with the OCFA (12 out of 34 cities in the county). In California, fewer than 1/3 of fire agencies report data to California Incident Reporting System (CAIRS) and NFIRS.

Contact: Lynnette Round

Community Relations/Education Supervisor Orange County Fire Authority (714) 573-6203 Round, Lynnette <LynnetteRound@ocfa.org> OCFA Childhood Immersion Incident

Incident 0000001

Complete for immersion incident victims under 15 years of age.

Victim's Name	
Victim's Birthdate	mm/dd/yyyy
Gender	•Male •Female
Victim's Address	
Incident Address	
Race/Ethnicity	-
Parent's Language	·
Site	
Caretaker at Incident	
Caretaker Location	×
Victim Last Seen	v
Swim Lessons	Has the victim taken swimming lessons in the last year? 🤆 Yes 🕻 No 🤇 Unknown
Missing	Estimated time victim was missing 📃 🗾 🖵 Unknown
Disposition	
Pool/Spa Location	x
Residence was	-
Barriers Present Victim Access	Property line fence 4-sided isolation fence Automatic pool cover Alarms on exit doors Safety net Other Unknown Sliding door was open Sliding door was closed but unlatched or unlocked Hinged door was closed but unlatched or unlocked Door alarm did not sound/was disarmed Isolation fence gate was propped open Isolation fence gate was closed but unlatched or unlocked Safety cover/net was off*
and the second	Victim was already inside isolation fencing Victim was already in water Other contributing conditions Victum was wearing a floatation divace Victum was wearing a floatation divace Victum victum victors
If yes, describe	I
and the second se	Before you arrived, did anyone attempt to resuscitate the victims' 🥥 Yes 💿 No 💭 Unknown
If yes,	Did the rescuer have formal CPR training? C Yes C No C Unknown

/ save/ /delete

OCFA Childhood Immersion Incident

Incident 0000001

Complete for immersion incident victims under 15 years of age.

Victim's Name	
Victim's Birthdate	mm/dd/yyyyy
Gender	
Victim's Address	
Incident Address	
Race/Ethnicity	_
Parent's Language	•
Site	
Caretaker at Incident	
Caretaker Location	*
Victim Last Seen	T T
Swim Lessons	Has the victim taken swimming lessons in the last year? C Yes C No C Unknown
Missing	Estimated time victim was missing
Disposition	
Pool/Spa Location	~
Residence was	-
Barriers Present	Property line fence 4-sided isolation fence Automatic pool cover Alarms on exit doors Safety net Other Unknown
Victim Access	Sliding door was open Sliding door was closed but unlatched or unlocked Hinged door was open Hinged door was closed but unlatched or unlocked Door alarm did not sound/was disarmed Isolation fence gate was propped open Isolation fence gate was off Safety coverfnet was off Victim was already inside isolation fencing Victim was already in water Other contributing conditions
the second state of the second state of the second state of	Victum was wearing a floatotion device 🔍 Yes 🔍 No 🔍 Unknown:
If yes, describe	
Constitution and a second s	Before you arrived, did anyone attempt to resuscitate the victim? 오 Yes 🍭 No 🔍 Unknown
If yes,	Did the rescuer have formal CPR training? C Yes C No C Unknown

/ save/ /delete

OCFA Childhood Immersion Incident

Incident 0000001

Complete for immersion incident victims under 15 years of age.

Victim's Name	
Victim's Birthdate	mm/dd/yyyyy
Gender	
Victim's Address	
Incident Address	
Race/Ethnicity	_
Parent's Language	•
Site	
Caretaker at Incident	
Caretaker Location	*
Victim Last Seen	T T
Swim Lessons	Has the victim taken swimming lessons in the last year? C Yes C No C Unknown
Missing	Estimated time victim was missing
Disposition	
Pool/Spa Location	~
Residence was	-
Barriers Present	Property line fence 4-sided isolation fence Automatic pool cover Alarms on exit doors Safety net Other Unknown
Victim Access	Sliding door was open Sliding door was closed but unlatched or unlocked Hinged door was open Hinged door was closed but unlatched or unlocked Door alarm did not sound/was disarmed Isolation fence gate was propped open Isolation fence gate was off Safety coverfnet was off Victim was already inside isolation fencing Victim was already in water Other contributing conditions
the second state of the second state of the second state of	Victum was wearing a floatotion device 🔍 Yes 🔍 No 🔍 Unknown:
If yes, describe	
Constitution and a second s	Before you arrived, did anyone attempt to resuscitate the victim? 오 Yes 🌻 No 🌻 Unknown
If yes,	Did the rescuer have formal CPR training? C Yes C No C Unknown

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Arizona – Water-Related Incidents in Maricopa County

In response to the fact that in the mid-1980s, the drowning death rate in Arizona preschoolers ranked first in the nation, the Drowning Prevention Coalition of Central Arizona was founded.¹³ Since 1988, the Arizona Department of Health Services (ADHS) has monitored water-related incidents, analyzed the data and prepared an annual report on water-related incidents in Maricopa County. A standardized form, Report of Drowning and Near-Drowning in Arizona, was developed and is used by fire departments to report incidents to the State Health Department. The fire departments usually are first on the scene of *911* calls and are generally able to provide information about the event from information provided by witnesses. The fire departments submit incident reports on a standard form (see next page). The reported data items include the age and gender of the victim, the location of the incident, and the apparent circumstances surrounding the event. The ADHS Bureau of Public Health Statistics receives and analyzes these case forms. Starting with the 2008 data the ADHS staff who enter data has been reduced to one person who receives and codes the forms of each reported incident. The surveillance system relies upon fire departments to report all the cases occurring within their jurisdictions.

The Arizona system is well designed and established; and has served as a model for other programs. This system has permitted the identification of trends and patterns. For example, through this surveillance system, they have found that a lapse in supervision was more prevalent for nonfatal incidents while the absence or inadequacy of barriers and gates was more often noted with deaths.

¹³ Flood TJ. *Water-related incidents in Maricopa County, AZ, 2007.* Arizona Department of Health Services, Bureau of Public Health Statistics. Phoenix, AZ. August 2008.

Drowning Surveillance Handbook, California Chapter 4, American Academy of Pediatrics, June 2010

In conjunction with the Coalition, the surveillance system searches the local newspaper (the Arizona Republic) daily for reports of water-related incidents. When found, articles are clipped and attached to the fire department reports. Rarely, there is no associated fire department report. If a report is missing, then ADHS contacts the fire department to request a submission. If the fire departments do not submit a case report, then ADHS uses the information from the newspaper clipping to create a case report.

To determine outcomes, data from fire departments is supplemented with data from death certificates and other sources. Hospitals' concerns about patient confidentiality make it difficult to document the outcome of cases that enter the medical care system. Confidential linkage to hospital discharge records allows assignment of an outcome status to many cases that the fire fighters are not able to follow up. This important step allows ADHS to determine the frequency of cases likely to have a serious impairment resulting from the incident.

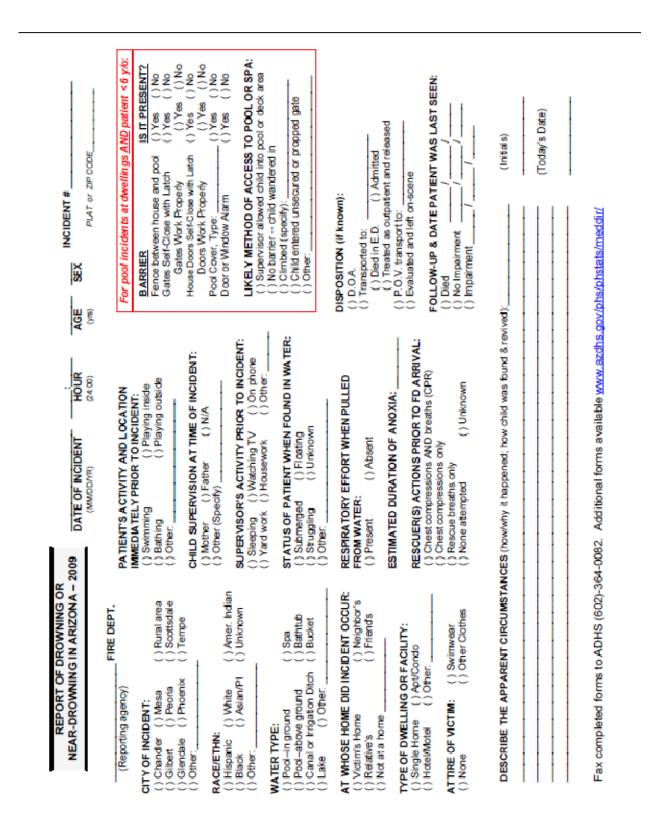
Limitations of Incidence Data - Their surveillance system relies mainly upon voluntary reporting by fire departments and is subject to underreporting if they reduce their participation in submitting the report forms. The downturn in the economy and municipal revenues in 2008 and cutbacks in staff at fire departments clearly can affect the ability to report cases. The surveillance system assumes that few serious water-related incidents occur without the activation of the *911* system. In 2010, ADHS shifted the maintenance of the system to the fire departments.

Contact: Tim Flood, M.D. Bureau Medical Director Arizona Dept of Health Services

150 N 18th Ave, Ste 550

Phoenix, AZ 85007-3248

602-542-7331, floodt@azdhs.gov



Appendix 1.

Issues and Questions to Consider When Conducting Child Drowning Case Review

Data Sources

- □ Agencies that collected information at the scene
- □ Case notes, pictures and diagrams of scene

Child/Victim

- □ Age, Gender, Race/Ethnicity
- □ Home Address
- Date, time and place of death
- □ Medical History
- Activity and location of child when last seen
- □ Alone or playing with other children
- □ Length of time missing
- □ Type of clothing worn by victim when found
- □ Use of flotation device, type, Coast Guard approved?
- □ Specifics on how child gained access to pool/spa
- □ Previous risk behaviors (opening doors, etc)
- □ Swim ability, history of swim lessons

Supervisor/Supervision Information

- Intensity and level of supervision and by whom
- Primary person/s responsible for supervision of child
- □ Location of supervisor at time of incident
- □ Supervisor impaired, distracted and if so, how
- □ Supervisor drinking/using drugs
- □ Relationship to child, frequency of supervising child
- □ Language of supervisor/s
- □ Estimated time since child last seen by supervisor
- □ If child out of sight, where thought child was
- □ Issues related to multiple or child supervisors
- □ Supervisor knowledge of CPR
- □ Supervisor swim ability

Incident Information

- Date, Time and Address
- □ Site (i.e. child's home, child care, community pool, etc)
- □ Type of dwelling (i.e. single family, apt, condo)
- □ Rental or HUD housing
- □ Length of time owner/leasee lived at address
- □ If not at child's home, reason child at location
- # of adults/children at location when incident occurred
- □ Alcohol and/or drug use evident at time of event
- □ Unusual or special event or circumstances
- □ Antecedent activities relevant to incident

Water Source Information

- Type of pool /spa (in-ground, inflatable, attached)
- □ Water clarity, temperature
- □ If spa, water obscured by jet bubbles
- Drain entrapment
- D Pool use day of incident, by whom
- □ How often did child use this pool/spa?
- Toys or other objects in water
- □ Other toys or objects near pool
- □ Year pool was built/remodeled
- □ History of code violations

Barrier / Access Information

- □ Property line fence, type, height, condition
- □ Direct access from house /garage to pool/spa?
- □ If fence between the house/garage and pool/spa, type, height, condition, partial or isolation
- □ Gates leading to pool/spa, type (self-closing, self-latching, open out,), position (open, closed), working condition
- □ If pool cover, type, in use
- Door/window alarms, type, functional, in use
- □ Other barriers/measures, condition and use
- □ Room from which child exited house
- Explain how victim got through barrier(s)/accessed pool

Family / Social History

- Household composition for child
- □ Language/s spoken
- D Parents' marital status
- □ If divorced or separated, extent of parent contact with child
- □ History of maltreatment, prior or open CAR
- Parent/supervisor substance abuse/criminal history

Emergency Response, Treatment and Outcomes

- □ Rescue equipment/phone near pool/spa
- □ Who found child and where
- Delay in pulling child from pool or initiating CPR
- □ Estimated time of submersion
- □ 911 called
- □ CPR by whom, know CPR
- □ Transport by whom
- Course of treatment, where and outcome
- □ Child Abuse Referral to CPS for this incident
- □ Follow-up actions taken by public agency, parents or pool owners after event?

Appendix 2.

National Guidelines for Records Needed For Child Death Review¹⁴

Core Review for Every Death

- Death investigation reports, including scene reports, interviews, information on prior criminal activity.
- Autopsy reports.
- Medical and health information concerning the child, including birth records and health histories.
- Information on the social services provided to the family or child, including Women,
 Infants and Children (WIC), Family Planning and Child Protective Services.
- Information from court proceedings or other legal matters resulting from the death.
- Relevant family information, including siblings, biological and stepparents, extended family, living conditions, neighborhood, prior child deaths, etc.
- Information on the person(s) supervising the child at the time of death.
- Relevant information on the child's educational experiences.

Reports for Drowning Reviews

- Autopsy reports.
- Scene investigation reports.
- EMS run reports.
- Prior CPS history on child, caregivers and persons supervising child at time of death.
- Names, ages and genders of other children in home.

Information on zoning and code inspections and violations regarding pools or ponds.

¹⁴ A Program Manual for Child Death Review - Strategies to Better Understand Why Children Die & Taking Action to Prevent Child Deaths. Prepared by The National Center for Child Death Review, September 2005. <u>http://www.childdeathreview.org/Finalversionprotocolmanual.pdf</u>



Understanding HOW and Why Children Die

> & Taking Actions to Prevent Child Deaths

Child Death Review Case Reporting System

Case Report 2.1

Effective January 2010

Instructions:

This case report is a component of the web-based CDR Case Reporting System. It can be used alone as a paper instrument, but its full potential is reached when the data from this form is entered into the CDR Case Reporting System. This system is available to states from the National Center for Child Death Review and requires a data use agreement for state and local data entry. System functions include data entry, case report editing and printing, data download and standardized reports.

The purpose of this form is to collect comprehensive information from multiple agencies participating in a child death review. The form documents the circumstances involved in the death, investigative actions, services provided or needed, key risk factors and actions recommended and/or taken by the CDR team to prevent other deaths.

While this data collection form is an important part of the child death review process, the form should not be the central focus of the review meeting. Experienced users have found that it works best to assign a person to record data while the team discussions are occurring. Persons should not attempt to answer every single question in a step by step manner as part of the team discussion. The form can be be partially filed out before a meeting.

It is not expected that teams will have answers to all of the questions related to a death. However, over time teams begin understanding the importance of data collection and bring necessary information to the meeting. They find that the percentage of unknowns and unanswered questions decreases as the team becomes more familiar with the form.

The form contains three types of questions: (1) Those that users should only select one response as represented by a circle; (2) Those in which users can select several responses as represented by a square; and (3) Those in which users enter text. This last type is depicted by "specify" or 'describe'.

Most questions have a selection for unknown (UK). A question should be marked 'unknown' if an attempt was made to find the answer, but no clear or satisfactory response was obtained; questions should be left biank (unanswered) if no attempt was made to find the answer. "N/A' stands for 'Not Applicable' and should be used if the question is not applicable. For example, use N/A for 'level of education' if child is an infant.

This edition is Version 2.1, effective January 2010. Additional paper forms can be ordered from the National Center at no charge. Users interested In participating in the web-based case reporting system for data entry and reporting should contact the National Center for Child Death Review.

Phone: 1-800-656-2434 Email: info@childdeathreview.org Website: www.childdeathreview.org Data entry website: https://cdrdata.org/

This form was developed by a work group of over 26 persons, representing 18 states and the Matemai and Child Bureau of HRSA/HHS.

Copyright: National Center for Child Death Review Policy and Practice, January 2010

		C	Death Certificate N	lumber:	Case Typ	Case Type: O Death			
			Birth Certificate Ni	mber:		O Near dea	th/serious injury		
State / County / Team Num	ber / Year of Review / Sequ	ence of Review	ME/Coroner Numb	er.		O Not born alive			
A. CHILD INFORMAT	ION								
1. Child's name: First:		Midde:		Last		Õ	UK		
2. Date of birth: O U/K	3. Date of death: O U/K	4. Age: 0 1	Years 5. Riace	, check all that apply	Ouk	5. Hispanic or	7. Sex:		
-	_	0	Months 🔲 1	White 🗖	Native Hawalian	Latino origin?			
		0	Days 🗆 I	lack 🗆	Pacific Islander	O _{N0}	Omale		
1 1	1 1	O •	Hours 🗆 /	sian, specify:		Oves	OFemale		
mm dd yyyy	mm did yyyy	0	Minutes 🗖 /	Merican Indian, Trib	e	Ouk	Ouk		
		0.	ик 🗆 /	Naskan Native, Tribe	:				
8. Residence address:	Ouk	-	. Type of residen	De:		•	10. New residence		
Street:		Apt.	O Parental hom	e 🔿 Relat	vehome 🔾 Ja	WDetention	In past 30 days		
		O Licensed gro	ip home O Living	onown Oo	ther, specify:	O No			
City:			O Licensed fost	er home 📿 Sheltz	er		Q Yes		
County:	State:	Zip:	O Relative flosts	rhome O Home	iess O u	к	Ouk		
11. Residence overcrowded?	12. Child ever homeless?	13. Number of other	children living	14. Child's weight:	O WK	15. Child's height:	Own		
ONo Oyes Ouk	ONO OYES OUT	with child:	Ошк		pounds		1		
					ounces	fer			
16. Highest education level:		17. Child's work stat		child have problems i	n schoiol?	19. Child's health in	suranice,		
ONIA	O Drop out	ONA	0	No O'Yes (Ounc	check all that a	pply:		
O None	O HS graduate	OEmployed	If ye	s, check all that apply	r.	None			
O Preschool	O college	O Full time		Academic 🛛	Behavioral	Private			
O Grade K-B	O Other, specify:	O Part time		Truancy	Expulsion	Medicald			
O Grade 9-12	Öuk	Ouk		Suspensions	u/k	State pla	n		
O Home schooled, K-8		O Not working		Other, specify:		Cther, sp	ecity:		
O Home schooled, 9-12		Ourk				D UK			
20. Child had disability or chi		21. Child's mental he	ealth (MH):			ry of substance abus	æ?		
ONo O Yes			ved prilor MH sierv	ces?) Yes Ourk			
If yes, check all that app	ly:		Yes Qu/K		-	If yes, check all that apply:			
Physical, specify:			ing MH services?		Alcohol Other, specify:				
Mental, specify:			Yes Qunk						
Sensory, specify:			ions for MH lines	17	Marijuana UK				
🗆 u/k			Yes Qu∩k		Methamphetamine				
If yes, was child receiving	-			ing MH services?		Opiates			
Special Health Care Ne			Yes Ounk			Frescription drugs			
		If yes, specify				counter drugs			
23. Child had history of child				there an open CPS on the of death?	ase with child	27. Child had histor			
As Victim As Percetro Ô N/A	ator As Victim	As Percetrator			Oux	violence? Che	ck all that apply:		
U NA		Physical Neglect	-	child ever placed ou					
0 0		LI NICILCO		child ever placed ou e prior to the death?	uside dif trië		(all as		
0 0 No			bon			I LI Yes, as y	10100		
O O Yes		Sexual			O une				
0 0 ¥≊ 0 0 ШК		Emotional/psycholo	ogical C	No Oyes (-	Ves, as p	erpetrator		
O Ves O Ulik If yes, how was history ide	entified:	Emotional/psycholo	ogical C	No O Yes	outside of the	UK	erpetrator		
O Yes O Uik If yes, how was history ide O Throug	entified:	Emotional/psycholo	ogical C 26. Wen hom	No O Yes (e any siblings placed e prior to this child's o	outside of the leath?		erpetrator		
O Vies O UIK If yes, how was history lde O Throug O Other s	entified:	Emotionali/psycholo U//K # CPS referrals # Substantiations	ogical C 26. Wen hom s C	No Yes (any siblings placed e prior to this child's o No Yes, #_	ieath?	🗆 шк			
O Yes O UIK If yes, how was history lde O Throug O Other s 28. Child had delinquent: or or	entified:	Emotional/psycholo UK # CPS referrals # Substantiations 29. Child spent time	ogical C 26. Wen hom s C	Noi O Yes (e any siblings placed e prior to this child's o Noi O Yes, #_ on?	ieath?				
O Yes O UIK If yes, how was history lde O Throug O Others 28. Ghild had deinquent or or O NIA O No	entified:	Emotional/psycholo U/K # CPS referrals # Substantiations 29. Child spent time O N/A	sgical C 26. Wen hom s C in juvenie detent No O Yes	No Ves (e any siblings placed e prior to this child's o No Ves, # on? UNK	outside of the death? Ourk 32. If child over age O Male	UIK			
O Yes O UIK If yes, how was history lde O Throug O Other s 28. Child had delinquent: or or	entified:	Emotional/psycholo U/K # CPS referrals # Substantiations 29. Child spent time	sgical C 26. Wen hom s C in juvenie detent No O Yes	No Ves (e any siblings placed e prior to this child's o No Ves, # on? UNK	ieath? UIK 32. If child over age	UIK			
O Yes O UIK If yes, how was history lde O Throug O Other s O NIA O No If yes, check all that apply	entified:	Emotional/psycholo U/K # CPS referrals # Substantiations 29. Child spent time	s C in juvenile detent No O Yes uring the two wee Yes O Lirk) No O Yes (e any siblings placed e prior to this child's of 0 No O Yes, # 00? O UJK ts before death?	outside of the leath? 32. If child over age O Male O Fema O Lik	UIK	s gender identity?		
O Yes UIK If yes, how was history lde O Throug O Other s 28. Child had delinquent or or NIA No If yes, check all that apply Assaults	entified:	Ernotional/psycholo U//K # CPS referrals # Substantiations 29. Child spent time NNA 30. Child acutely II di No 31. Are child's parenter	s C in juvenile detent No O Yes uring the two wee Yes O Lirk) No O Yes (e any siblings placed e prior to this child's of 0 No O Yes, # 00? O UJK ts before death?	outside of the leath? 32. If child over age O Male O Fema O Lik	L UK 12, what was child ie 12, what was child	s gender identity?		
O Yes O UIK If yes, how was history lde O Throug O Other s 28. Child had delinquent or or O NIA O No If yes, check all that apply Assaults Robbery	Intified:	Ernotional/psycholo U//K # CPS referrals # Substantiations 29. Child spent time NNA 30. Child acutely II di No 31. Are child's parenter	agical 25. Wenhom s C in Juvenile detent No Yes uring the two wee Yes UIK its first generation Yes UIK) No O Yes (e any siblings placed e prior to this child's of 0 No O Yes, # 00? O UJK ts before death?	outside of the leath? 32. If child over age O Male O Fema O Lik 33. If child over age	E 12, what was child ite	s gender identity? s sexual orientation		

14 Gente	tional age: O use a	5. Birth weight: O U/K	35. Multiple birth?	37. Prenatal care provided du	ring pregnancy of de	ceased int	ant? O No O Yes O				
) Grams	O NO O UK								
	No. of South and	Pounds/ounces /	O Yes.#		prenatal visits: #	10.00	Ouk				
C. Churche		er (check all that apply):	U 163, 4	ir yes, monun or iss	prenatal visit: opec	ity 1-9	_ O UK				
		er (check all that apply): ations/infections? Check all that app									
u			Second Second Second				E man				
	_		Eclampsia	Low MSAFP							
	Anemia	_	Ienital Herpes	C Other Infect			Renal Disease				
	Cardiac		lemoglobinonpathy		Related Hypertension		Rh Sensitization				
	Chorica	1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	ligh MSAFP	Preterm Lab			Uterine Bleeding				
			lydramnics/Oligohydr	100 A 100	ant 4000+ Grams		Other, specify:				
-	Diabete	Contraction of the second s	ncompetent Cervix		ant Preterm/Small for						
	Smoke tobacco?	Use Ilici		Have heavy alcohol use?			ounter or prescription dru				
	Experience intimate		t born drug exposed?	Infant born with feta	al alcohol effects or s	yndrome?					
		liance issues related to prenatal care									
_	No	Lack of money for care	1.57	Religious objections to care	Lack of fa						
	Yes	Umitations of health insuran		Language barriers	Services I						
-	U/K	Multiple health insurance, no	CONTRACTOR 10.77	Referrals not made	Distrust o						
1	fyes, check all that ap	ply: Lack of transportation	2010	Specialist needed, not availab							
		No phone		Multiple providers, not coordi			id not allow care				
		Cultural differences		Lack of child care	Cther, sp	ecity:					
B. PR	MARY CAREGIV	ER(S) INFORMATION									
. Prima	ry caregiver(s):	2. Caregiver(s) age in years	s: 4. Careg	liver(s) employment status:	5. Caregiver(s) Inc.	ome:	6. Caregiver(s) education				
Select	t only one per column.	One Two	One	ING	One Two		One Two				
One	Two	# Years	0	OEmployed	O O High		O O< High school				
0	Self, go to Section	c O Ouk	0	OUnemployed	O O Med	um	O O High school				
0	O Biological paren	3. Caregiver(s) sex:	0	O On disability	O O Low	O Ocolege					
0	O Adoptive parent	One Two	0	O Stay-at-home	O Ouk		O OPost Graduat				
0	Ostepparent	O O Male	0	ORetired	1200 120000		O Ouk				
0	O Foster parent	O O Female	0	Ouk							
0	O Mother's partner	O Ouk									
0	O Father's partner	7. Does caregiver(s)	8. Careg	iver(s) on active military duty?	9. Caregiver(s) rec	elved soci	al services in the past tw				
0	O Grandparent	speak English?	One	Two	months?	If yes,	es, check all that apply:				
0	Osibling	One Two	0	O No	One Two	0.000	One Two				
0	O Other relative	O ONO	0	O Yes	O ONO						
0	OFriend	O OYes	0	Ouk	O Oves						
0	O institutional staf	O Ouk	fives	, specify branch:	O Ouk		Medicaid				
0	O other, specify:	If no, language spoken:					Pood stamp				
0	Ouk						C Other, spec				
ID Care	giver(s) have substan	ce 11. Caregiveris) have histo	er of child	12. Caregiver(s) have history	of child	12 Camer	ver(s) have disability or				
	se history?	matreatment as victim	Contraction of the second	maitreatment as a perpe	11 10 (State		ic liness?				
One	Two	One Two		One Two		One					
0	ONO	O ONO		O ON		0	ONo				
õ	Over	O Oves		O Oves		0	Oves				
õ	Ouk	O Ouk		O OUK			Ouk				
	, check all that apply:	If yes, check all that app	hr.	If yes, check all that apply	c	and the second	check all that apply:				
	Alcohol			Physical			Physical, specify:				
	Cocaine	Neglect					Mental, specify:				
	Marijuana	Sexual		Sexual			Sensory, specify:				
	Methamphetam		vchological	Emotional/psy	chological						
	Oplates					1000	al, was caregiver receivir				
	Prescription dru		eferrais	# CPS refe	inais	service					
	Over-the-counts		antiations	# Substan		0.00	ONO				
	Cover-the-counter		r care or adopted?	CPS prevention		0	Oves				
	U other, specity:	La Ever in toste	care or adopted?								
				Family Preser	O Ouk						
				Children ever	2000000007						

14 Carachistic) have odor	Russ causa/sk. Chark al that apply	15 Carachustic) have	history of 15 Car	giver(s) have delinquent/criminal histor				
14. Caregiver(s) have prior child deaths?	If yes, cause(s): Check all that apply: One Two	15. Caregiver(s) have intimate partner vi		giver(s) have deinquent/criminal histor Two				
10.00	The second s	54 G	oience: <u>One</u>	O No				
One Iwo		One Iwo						
O O No	Child neglect #		0	O Yes				
O O Yes	Accident #	C Yes, a	as victim O	Ouk				
O Ouk	Suicide #	C Ves, a	as perpetrator If yes	If yes, check all that apply:				
				Assaults				
	Other #	1220 2220		Robbery				
	Other, specify:			Drugs				
1				Other, specify:				
. SUPERVISOR INFORMAT	ION							
Did child have supervision at time of	f incident leading to death?	2. How long before incl	ident did 3. is per	son a primary caregiver as listed				
O No, not needed given develop	mental age or circumstances, go to Sect. D	supervisor last see ch	hild? Select one: In pre	vious section?				
O No, but needed, answer 3-15		O Child in sight of :	supervisor O No					
O Yes, answer 2-15		O Minutes	10000	s, caregiver one, go to 15				
O Unable to determine, try to an		O Hours		s, caregiver two, go to 15				
O Unable to determine, try to an	swer 3-15			s, caregiver two, go to 15				
1.2.8.		O Days	Ouk	200				
Primary person responsible for sup		5. Supervisor's age in ;		lsor's sex:				
O Biological parent O	Friend		OM	ie				
O Adoptive parent O	Acquaintance		Ouk OFe	male				
O Stepparent O	Hospital staff, go to C15		Ou	ĸ				
O Foster parent O	Institutional staff, go to C15	7. Does supervisor spe	ak English? 8. Super	visor on active military duty?				
	Babysitter	ONO		ON0				
	Licensed child care worker	Oves		Over				
				Ouk				
	Other, specify:	Ouk						
Osibling O	U/K	If no, language spok	ten: If yes	specify branch:				
O Other relative	8		2. 11					
Supervisor has substance	10. Supervisor has history of child maitree	atment? 11. Superviso	or has disability	12. Supervisor has prior child				
abuse history?	As Victim As Perpetrator	or chronic	liness?	deaths?				
ONO OYes OUK	O O No	O No	Oves Ouk	ONO OYES OUK				
If yes, check all that apply:	O O Yes		eck all that apply:	If yes, check all that apply:				
Alcohol								
			al, specify:	Child abuse #				
Cocaine	If yes, check all that apply:	Menta		Child neglect #				
Marjuana	Physical	Senso	ry, specify:	Accident #				
Methamphetamine	Neglect			Suicide #				
Oplates	Sexual							
Prescription drugs	Emotional/psyc	hological		Other #				
Over-the-counter		A LOCATION CONTRACTOR	liness, was supervisor	and a second				
Cother, specify:	# CPS referra		MH services?	UK				
		23,240,4	win services:					
	# Substantiat	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						
	Ever in foster of							
	CPS prevention	o uik						
	Family Preserv	ation services?						
	Children ever n	emoved?						
3. Supervisor has history of	14. Supervisor has delinquent or criminal		f incident was supervisor	mpaired? ONo Oyes Ourk				
Intimate partner violence?	ONo If yes, check all that	C. (1997) 197 197 197 197 197 197 197 197 197 197	heck all that apply:					
No		2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1						
			C 10.13					
Yes, as victim				paired by liness, Specify:				
Yes, as perpetrator	Drugs	Asieep		paired by disability, Specify:				
Оик	Cther, specify:	Distrac	tted Ct	her, Specify:				
INCIDENT INFORMATION								
Date of incident event:	3 increasingly free	of day that incident occurred?	3 Interval babyses	Incident and death: OUK				
Date of incluent event.	2. Approximate time (O AM	1.0 cm 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
0.			Minutes	Weeks				
O Same as date of death	20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20		200 200 - Contract - Contract					
O Same as date of death O if different than date of death: O U/K	/ / Hour, specify 1-12	0 PM 0 UK	Hours					

 Place of incident 			-		_	_		-		5. Type of area:	
Child's home			Licensed group ho		School			Sports area		Ourban	
Relative's ho		_	Licensed child can		Place of work			Other necreation	on area	QSuburban	
Friend's hom		_	Licensed child can		Indian Reserva		-	Hospital		ORural	
Licensed fos		_	Unicensed child o	are home	Miltary Instala		r parking area	Conter, specify:		OFrontier	
Relative flost			Farm		Jali/detention f	-	e or county park	🗆 ик		Ouk	
Incident state:	8. Was 9		9. CPR performed				12. Child's activity			i number of deaths	
		regency	before EMS		ing to the cleath,	ONA	check all that		at in	cident event:	
	number		arrived?		child used	O No	Sleeping	Other, specify:			
7. Incident county:	ON/		ONA		holl or drugs?	Oves	Playing		Childr	ren, ages 0-18	
	ONO		O No		-	Ouk	Working		Adults		
	Ove		Ores	0 🔊	Ourk		Eating		Óux		
								cie occupant	Ouk		
E. INVESTIGATION INFORMATION											
1. Death referred to	I. Death referred to: 2. Person declaring official cause 3				3. Autopsy perform	ned?	Agencies that co	inducted a scene in	vestigation	n, check all that apply	
O Medical exam	niner	and m	anner of death:		O No C	Yes Oluk					
O Coroner		OM	edical examiner		If yes, conducted	d by:	Not co	inducted	Fire in	westigrator	
O Not referred		Öc	moner		O Forensic pat	hologiist	Medic	ai examiner			
Ourk		Оно	ospital physician		O Pediatric pat	hologist	Coron	er	Child	Protective Services	
		Öœ	ther physician		O General path	ologist		vestigator	Other	specify:	
		OM	ortician		O Unknown pat	thologist	Coron	er investigator	□ик		
		Oot	ther, specify:		O Other physic	lan	Lawe	nforcement			
		Our	ĸ		O other, specif	Y.					
					Очик				_		
5. Toxicology scree	en?		1					X-rays taken?	7. Was a	CPS record check	
O No			Negative	Marijuan	Too hig	h prescription drug,	specify:	○ №	cond	ucted as a result of	
O Yes If yes, o	theck all th	at apply:	Alcohol E	Methamp	hetamine 🗖 Too higi	h over-the-counter d	inua, specify:	Ores	death?		
Ourk			Cocaine C	Oplates	Cother, s	pecify:	Duk	Ouk	OND	Oyes Ouk	
8. Did investigation	find		9. CPS action tak	n becaus	e of death?	N/A OND O	Yes Ouk		10. If de	ath occurred in	
evidence of prior	r abuse?								lcer	nsed setting, indicate	
O N/A OND	0 Yes O) wk	If yes, highest lev	el of action	If yes, services of	or actions resulting, (check all that apply:		action	on taken:	
If yes, from what	t source?		taken because of	death:				O NIA			
Check all that ap			OReport scre	ened out	Voluntary service	ices offered	Court ordere	-			
From x-rays		UK	and not inv	estigated	Voluntary service	lces provided	placement		Ouce	nse suspended	
From autops	-		OUnsubstant	ated	_	services provided	Children ren	removed O License re		nse revoked	
From CPS re	view		Oinconclusive		Voluntary out	of home placement	Parental rigt	rights terminated O Investigation ongoing			
From law ent	force ment		OSubstantiat	ed.			□ uk		Ourk		
F. OFFICIAL N	ANNER	AND P	RIMARY CAUS	e of de	ATH						
1. Official manner (of death	2. Prima	ry cause of death: (hoose on	y 1 of the 4 major ca	tegories, then a spe	cific cause. For per	ding, choose most i	likely caus	e.	
from the death of	ertificate:		m an injury (externa	i cause), s	elect one:)From a medical ca	use, select one:		if injury o	<u>c Oux</u>	
		0	Motor vehicle and o	ther transp	ort, go to G1	O Asthma, go to	G11	medical cause	go to G1	2 go to G12	
O Natural		OF	Fire, burn, or electro	cution, go	to G2	O Cancer, specif	y and go to G11	If under age o	one, go to	G5 & G12	
O Accident		0	Drowning, go to G3			Cardiovascula	r, specify and go to	G11			
O Suicide			Asphyxia, go to G4			Congenital and	omaly, specify and g	0 t0 G11			
O Homicide		01	Weapon, including t	ody part, (to G6	O HWADS, go t	to G11				
O Undetermine	ed 🛛	0,	Animal bite or attack	, go to G7		O Influenza, go t	o G11				
O Pending		0	Fall or crush, go to (38		O Low birth weig	hit, go to G11				
OUK		0	Polsoning, overdiose	or acute I	ntoxication,	O Mainutrition/de	hydration, go to G1	1			
			po to G9			O Neurologicalis	elzure disorder, go t	5 G1 1			
		0	Exposure; go to G10	1		O Pneumonia, sp	ecity and go to G11	l i i i i i i i i i i i i i i i i i i i			
		0	Undetermined. If un	der age on	e, go to G/5 & G12	O Prematurity, g	o to G11				
			f over age one, go t	o G12		O SIDS, go to G	5				
		00	Other cause, go to (312		O Other Infection	, specify and go to	311			
		0	JIK, go to G12			O Other perinata	condition, specify a	nd go to G11			
						O Other medical	condition, specify a	nd go to G11			
						O Undetermined	If under age one, g	o to G5 and G11. If	over age	one, go to G11.	
1						O UK. If under a	age one, go to GIS a	nd G 11. If over age	one, go tr	G11.	

Child's Other primary vehicle O Passenger Unsafe speed for conditions F O None O Front seat Recklesaness F O Car O Back seat Ran stop sign or red light O O Van O Truck bed Driver distraction F O Sport utility vehicle O Other, specify: Driver distraction F O Sport utility vehicle O Other, specify: Driver insperience F O Semiltractor trailer O on bicycle Poor visbility F O RV O Pedestrian Poor visbility F O Other bus O Back specify: Passenger F O Other bus O Bearting/biading Drugs or alcohol use C O Other bus O Other, specify: Passgue/biceping C O Other fram vehicle O U/K Medical event, specify: C O All terrain vehicle Normal O Other, specify: C bicy street	V: Back over Rolover Poor sight line Car changing lanes Road hazard Animal in road Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify: LIIK	d. Collision type: O Child not inion ia vehicle, but struck by vehicle O Child inion a vehicle, struck by other vehicle O Child inion a vehicle that struck other vehicle O Child inion a vehicle that struck person/object O Other event, specify: O UK			
a. Vehicles involved in incident: b. Position of child: c. Causes of incident, check all that appl; Total number of vehicles:	Back over Rolover Poor sight line Car changing lanes Road hazard Animal in road Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify:	Child not inlon a vehicle, but struck by vehicle Child inlon a vehicle, struck by other vehicle Child inlon a vehicle that struck other vehicle Child inlon a vehicle that struck personiobject Other event, specify:			
Total number of vehicles:	Back over Rolover Poor sight line Car changing lanes Road hazard Animal in road Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify:	but struck by vehicle Child Inion a vehicle, struck by other vehicle Child Inion a vehicle that struck other vehicle Child Inion a vehicle that struck personiobject O Other event, specify:			
Child's Other primary vehicle O Passenger Unsafe speed for conditions F O None O Front seat Recklessness F O Car O Back seat Ran stop sign or red light O O Van O Truck bed Driver distraction F O Sport utility vehicle O Other, specify: Driver inexperience ////////////////////////////////////	Poor sight line Car changing lanes Road hazard Animal in road Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify:	but struck by vehicle Child Inion a vehicle, struck by other vehicle Child Inion a vehicle that struck other vehicle Child Inion a vehicle that struck person/object O Other event, specify:			
O None O Front seat Recklessness F O Car O Back seat Ran stop sign or red light O O Van O Truck bed Driver distraction F O Sport utility vehicle O Other, specify: Driver inexperience ////////////////////////////////////	Car changing lanes Road hazard Animal in road Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify:	struck by other vehicle O Child Inion a vehicle that struck other vehicle O Child Inion a vehicle that struck personiobject O Other event, specify:			
O Van O Truck bed Driver distraction F O Sport utility vehicle O other, specify: Driver distraction F O Truck O UK Mechanical failure O O Semil/tractor trailer O on bicycle Poor tres F O RV O Pedestrian Poor vesther O O School bus O Waiking Drives or sicohol use O O Other bus O Boarding blacing Drugs or alcohol use O O O ther bus O other, specify: Fatigueisleeping O Tractor O UK Medical event, specify: I to cation of incider O O ther farm vehicle O UK I to cation of incider O uity street O Al terrain vehicle Driving conditions, check all that apply: f. Location of incider O Snowmabile Normal O other, specify: O ity street	Road hazard Animai Im road Cell phone use while driving Racing, mot authorized Other driver error, specify: Other, specify: LIIK	Child luion a vehicle that struck other vehicle Child luion a vehicle that struck personiobject Other event, specify:			
O Sport utility vehicle O Other, specify: Driver inexperience ////////////////////////////////////	Animal In road Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify: LIIK	that shuck other vehicle O Child Invion a vehicle that shuck personiobject O Other event, specify:			
O Truck O Lik Mechanical failure 0 O Semil/tractor trailer O on bicycle Poor tires 1 O RV O Pedestrian Poor visbility 0 O School bus O Walking Poor visbility 0 O O ther bus O Boarding/blacing Drugs or alcohol use 0 O Motorcycle O other, specify: Patigue/sleeping 0 O Tractor O UIK Medical event, specify: I torrain vehicle O All terrain vehicle O UIK I torrain C torter, specify: f. Location of incider O Snowmobile E. Driving conditions, check all that apply: f. Location of incider 0 city street	Cell phone use while driving Racing, not authorized Other driver error, specify: Other, specify: Llik	O Child Inion a vehicle that struck personiobject O Other event, specify:			
O Semil/tractor trailer O on bicycle Poor tires I O RV O Pedestrian Poor visbility O School bus O Walking Poor visbility O Other bus O Boarding/blacking Drugs or alcohol use I O Other bus O Boarding/blacking Drugs or alcohol use I O Motoreycle O other, specify: Patigue/sleeping O Tractor O U/K Medical event, specify: I O Other farm vehicle O U/K Medical event, specify: I O All terrain vehicle O U/K I Location of incider O Snowmobile INormal O other, specify: I Location of incider	Racing, not authorized Other driver error, specify: Other, specify: Llik	that struck person/object			
O RV O Pedestrian Poor weather 0 O School bus O Walking Poor visibility O O Other bus O Boarding/blacking Drugs or alcohol use 0 O Other bus O Other, specify: Patigue/sleeping O Tractor O UIK Medical event, specify: I Medical event, specify: I Location of Incide: O O other farm vehicle O UIK Medical event, specify: I Location of Incide: O Al terrain vehicle D UiK I terrain of Incide: O other, specify: I Location of Incide: O Snowmobile Normal O other, specify: I city street	Other driver error, specify: Other, specify: U/K	O Other event, specify:			
O School bus O Walking Poor visibility O Other bus O Boarding/blacking Drugs or alcohol use O O Other bus O Other, specify: Patigue/sizeping O Tractor O UIK Medical event, specify: It errain vehicle O O other farm vehicle O UIK Medical event, specify: It coation of incider O Al terrain vehicle D UIK It coation of incider O Snowmabile Normal O other, specify: It coation of incider	Other, specify:				
O Other bus O Boarding/blacking Drugs or alcohol use O O Motorcycle O Other, specify: Patigue/sleeping O Tractor Ulik Medical event, specify: I O Other farm vehicle Ulik Medical event, specify: I O Other farm vehicle O Ulik Iterrain vehicle I. Location of incide: O Snowmobile Normal O Other, specify: I. Location of incide:	ШK	Очж			
O Motorcycle O Other, specify: IFatigue/sleeping O Tractor O UK IMedical event, specify: I O O Other farm vehicle O UK Imedical event, specify: I O O Other farm vehicle O UK Imedical event, specify: Imedical event, specify: Imedical event, specify: O O Al terrain vehicle E. Driving conditions, check all that apply: f. Location of incider O Snowmobile Imorreal O Other, specify: Imedical event, specify:	ШК	Оик			
O Tractor O U/K Medical event, specify: 0 O O ther farm vehicle O U/K Medical event, specify: 0 O Al terrain vehicle e. Driving conditions, check all that apply: f. Location of incide O Snowmobile Normal O ther, specify: I city street		Очж			
O O ther farm vehicle O U/K O O All terrain vehicle e. Driving conditions, check all that apply: f. Location of incider O O Snowmobile INormal O Other, specify: III City street					
O O All terrain vehicle e. Driving conditions, check all that apply: f. Location of incide O O Snowmobile INormal Other, specify: I City street					
O Snowmobile Normal Other, specify: City street					
	nt, check all that apply:				
O O Biorcie Elasse gravel Elasse gravel	Driveway				
C C Paper C Contra C C Resulting	l street 🔲 Parking area				
O O Train □Muddy □ UK □ Rursi road	Off road				
O O Subway □icelSnow □ Highway	Railroad crossin	gitracks			
O O Trolley Prog Intersection	n Other, specify:				
O O Other, specify; □Wet □ Shoulder					
Construction zone	Dux				
O O UK Dinadequate lighting					
	occupants in vehicles:				
Child as driver Child's driver Oriver of other orimany vehicle In child's vehicle	e, including ohlid:				
Age of Driver	child was not in a vehicle.				
Responsible for causing incident Total nu	Total number occupants:				
Was alcoholdrug impaired Number	Number Iteens, ages 14-21:				
Has no license Total nu	Total number of ideaths:				
Has a learner's permit Total nu	Total number teen deaths:				
Has a graduated license					
Has a full license In other primary	In other primary vehicle involved in incident				
Has a full icense that has been restricted	N/A. Incident was a single vehicle				
Has a suspended license Total nu	Total number occupants:				
I I I I I I I I I I I I I I I I I I I	teens, ages 14-21:	Ourk			
	mber of deaths:				
Was violating graduated licensing rules: Total nu	mber teen deaths:	Ouk			
INighttime driving curfew					
Passenger restrictions					
Driving without required supervision					
Cther violations, specify:					
	Present notused Unknown				
Altag O O O O	0 0	"If child seat, typ			
Lapbelt O O O O	0 0	0			
Shoulder bet O O O O	0 0	O Rear facing			
Child seat" O O O O	0 0	O Front facing			
Bet positioning booster seat O O O O	0 0	Оик			
Heimet O O O O	0 0				
Other, specify: O O O O	0 0				

2. FIRE, BURN, or EL	ECTRO	CUTION													
a. Ignition, heat or electrocut	tion source	:				b. Type o	f Incident:			c. For fre, ch	lid died	from:			
O Matches	O Heati	-	Lightning	0	Other explosives		e, go to c			OBu					
O Cigarette lighter	O Space	-	Oxygen tank	-	Appliance in water	_	ald, go to			-	oke iniha	notes			
O Utility lighter	O Fuma	-	Hot cooking water		Other, specify:		her burn a				er, sper				
O Cigarette or cigar	O Powe		Hot bath water		IU/K	<u> </u>	ectrocution			000	er, spec				
O candles	Ö Electr		Other hot liquid, s	-		vandaxtot ÖUK									
O Cooking stove	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		Fireworks	pecny:		yand go to t OUK									
C Clocking stove	O Electr	cal wring C	Fireworks			K, gotot									
d. Material first ignited:	e. Type	building on fire:	f. Building's primar	У	g. Fire started by a	person?		h. Did an	yone atten	npt ito put out f	ire?				
O Uphoistery	ON	۸.	construction mate	rial:	ON: O Yes	Ourk	ONO O'Yes O'UK								
O Mattress	Osi	gie home	Owood					I. Didles	cape or re-	scue efforts w	rsen fr	e?			
O Christmas tree	OB	plex	OSteel		If yes, person's ag	e	-								
O Clothing	0.4	artment	O Brick/stone		Does person have	a history	of	j. Did an	y factors d	elay fire depar	tment a	mival?			
O curtain	01	aller/mobile home	OAluminum		setting fires?			O No	Ores	Ouk					
O Other, specify:	00	er, specify: Other, specify:			ONo O Yes	Our		If yes	s, specify:						
Quik	Ошк Ошк Ошк														
k. Were barriers preventing	safe exit?	L. Was building a re	ntal property?	m. Were	building/rental codes	s violated?		n. Were	proper wo	rking fire extin	guisher	5			
ONO OYes OUK ONO OYes OUK			ONo	Ores Ourk			prese	nt?							
				-	, describe in narrativ					Ouk					
If yes, check all that apply:		o. Was sprinkler sy	stem present?	p. Were	smoke detectors pre	esent?	ON ₀	Oyes	Ouk	-					
Locked door		ONo Ores													
Window grate		0.0		H-	es, what type?		nctioning	property of	1 and	functioning pr	noert-	-			
Locked window		If yes, was it work	ina?		es, what type:	in yes, is	inclusion in g	property:			Other	UIC			
Blocked stairway		ONo Ores	-		novable batteries	O.No	Oves	Our							
Cother, specify:			COUR		-removable batteries					-					
						1.1	Ores			-					
L UK							Öres		-	-					
							U Tes	Ouk	Other, sp	-					
					vas there an adequa			Otto	O Yes						
g. Suspected arson?		r. For scald, was he			ectrocution, what cau		-	describe		OUK					
O No O Yes O UK		-	x water neater		ectrical storm	describe	n oessii:								
		set too high?		-											
		QN/A		O Faulty wiring											
		ON0		O Wire/product in water											
		OYes, temp. s		O Child playing with outlet											
		Ourk		_	Other, specify:										
				Ouv	к										
3. DROWNING															
a. Where was child last seen	before	b. What was child i	ast seen doing		c. Was child forcibl	ly submer	ed?	d. Drown	ing locatio	n:					
drowning? Check all that	apply:	before drownling	?		O No O Yes	O U/K		0 9	en water,	gotoe 🤇) urk	go to n			
🗆 in water 🛛 in yar	d	O Playing	O Tubing					OP	ol, hoit tub	, spa, go to i					
On shore In bat	hroom	O Boating	O Water-skilling	1				OB	thtub, go t	to w					
On dock In ho	ise.	O Swimming	O Sleeping					OB	cket, go to	x					
Poolside Other	, specify:	O Bathing	O Other, specif	b=				0.0	elV clatern	septic, go to					
	-	O Fishing						Ото	liet, go to:	z					
Dux		O Suring	Oux					~		- lyand goton					
											?				
					g. If boating type	of boat:	g. If boating, type of boat:			h. For boating, was the child piloting boat?					
e. For open water, place: O Lake O Quan		f. For open water, o	contributing		g. If boating, type		nmercial	n. Por bo				O No O Yes O UK			
e. For open water, place: O Lake O Quan	-	f. For open water, o environmental fai	contributing			0 00		n. For bo							
e. For open water, place: O Lake O Quan O River O Girave	el pit	f. For open water, o environmental fai O Weather	contributing ctors: O Drop off		O Saliboat O Jet ski	0 con 0 on	er,	n. For bo							
e. For open water, place: O Lake O Quan O River O Giraw O Pond O Cana	el pit	 For open water, o environmental fai O Weather O Temperature 	contributing ctors: O Drop off O Rough wave		 Saliboat Jet ski Motorboat 	0 con 0 on		n. For bo							
e. For open water, place: C Lake C Quan River C Giraw Pond C cana C Greek U UK	el pit	f. For open water, o environmental fa O Weather O Temperature O Current	contributing ctors: Drop off Rough wave Other, specif		 Saliboat Jet ski Motorboat Cance 	0 00	er, ecity:	n. Por bo							
e. For open water, place: O Lake O Quan O River O Giraw O Pond O Cana	el pit	f. For opien water, o environmental fai O Weiather O Temperature O Current O Riptide/	contributing ctors: O Drop off O Rough wave		 Saliboat Jetski Motorboat Cance Kayak 	0 con 0 on	er, ecity:	n. Por bo			-				
e. For open water, place: O Laite O Quan O River O Girav O Pond O Cana O Creek O Uik O Ocean	el pit	f. For open water, o environmental fai O Weisther O Temperature O Current O Ripidde/ undertow	contributing ctors: O Drop off O Rough wave O Other, specif O U/K		 Saliboat Jetski Motorboat Canoe Kayak Raft 	O cor O oth Spr O unk	er, ecity:		O No	O Yes O	UK	See.ar			
e. For open water, place: O Lake O Quan O River O Giraw O Pond O Cana O Creek O Uik O ocean L. For pool, type of pool:	el pit	f: For open water, c environmental fa O Weather O Temperature O Current O Riptide/ undertow J For pool, child for	contributing clora: O Drop off O Rough wave O Other, specif O U/K		Saliboat Jet ski Jet ski Ganoe Kayak Raft k. For pool, owners	O cor O oth Spr O unk	er, ecity:	I. Length	O No	O Yes O	UK ihot tub				
e. For open water, place: O Laike O Quan O River O Giraw O Fond O Cana Q Creek O UilK O Ocean L. For pool, type of pool O Above ground	ei pit	f. For open water, c environmental fa O Weather Temperature Current Riptide/ undertow J. For pool, child for O in the pool/hol	contributing ctors: O Drop aff O Rough wave O Other, specif UVK		Saliboat Jet ski Motorboat Canoe Kayak Raft k. For pool, owners Private	O cor O oth Spr O unk	er, ecity:	I. Length	O No	O Yes O	UK Ihot tub				
e. For open water, place: O Lake O Quan O River O Giraw O Pond O Cana O Creek O Uik O ocean L. For pool, type of pool:	ei pit	f: For open water, c environmental fa O Weather O Temperature O Current O Riptide/ undertow J For pool, child for	contributing ctors: O Drop aff O Rough wave O Other, specif UVK		Saliboat Jet ski Jet ski Ganoe Kayak Raft k. For pool, owners	O cor O oth Spr O unk	er, ecity:	L Length	O No	O Yes O	UK ihot tub				

m. Flotation dev	ice used?						n. What be	arriers/layers of pro	tection existed		
ONA	If yes, check all that			_			to prevent access to water?				
Q №	Coast Guard	approved. If yes:		Not 0	Coast Guard a	approved, type: 🛛 U/K	Check a	all that apply:			
Ores	Jacket	Cushion	Lifesaving ring		Swim rings		None None	e (Alarm, go to r		
Ourk	f jacket:				inner tube		E Fend	cie, go to o 🛛 🚺	Cover, go to s		
1 1	Correct	size? O No O	Yes O LIK		Air mattress		Gate, go to p U/K				
1 1	Womic	orrectly?() No ()	Yes O UK		Other, specif	y.	Door, go to q				
o. Fence:		p. Gate, check all t	hat apply:	a. Door.	check all that	apply:		heck all that apply.	s. Type of cover:		
Describe type:		Has self o	losing latch		Patio door	Coens to water		Door	OHard		
Fence height i		Has lock			Screien door	Barrier between	Window Osot				
Fence surroun		Is a doub	e caste		Steel door	door and water	DPool Õuk				
O Four sides		Opens to			Self closing				Q dir.		
O Three side					Has lock						
O mee soe	Ouk				Figs lock						
t. Local ordinance		u. How were broken	of protection breact	had chack	al that and						
access to wate		_	evers breached		in fence	Door screen to	-	Cover k			
					aged fence	Door sef-clos		Covern			
0.000	a Orak	_	uniocked	_	ce too short			Other: s			
	alatad ⁷		e uniocxed e latch failed			Window left of			pecity.		
If yes, rules vi				_	r left open	Window scree					
OND OV	In grate	_	runlocked	Alarm not wor							
			bed fence		rbroken	Alarm not ans		Пик			
w. Child able to su		w. For bathtub, chi	-			Ign or label posted?	y. Lifeguard	-			
O NKA	Oves	ONo O Yes			ONA	O Yes			-		
O No	Ouk	If yes, spiecif		O No	O unk	O No	Ou				
z. Rescue attemp								riate rescue equip	-		
ONIA If yes, who? Check all that apply:					ONA	O Yes					
Q №	Parent	Bystande			QNo	Quik	QNo	Qu	¢		
Oves	Cother ch	_	ecity:		If yes, numb	ber of re-scuers:					
Ourk		і 🗆 ик									
4. ASPHYX	IA	1									
a. Type of event:		-	physia, action causin	-	~		~				
O Sufficiation		-	e.g. bedding, overla		-		-		but not sleep-related		
O Strangulati		<u> </u>	fell into object, but n	ot sleep-re	-	Wedged into tight space, but not sleep-related					
O Choking, g		O Plastic ba	-		_		Asphyxia by gas, go to G9a				
O Other, spe	city and go to e	ODirt/Sand						Other, specify:			
		Oother, sp	ecify:		Ouk						
O U/K, go to	e	Оик									
						Ouk					
					-	Other, specify:					
		I			_	U/K					
 If strangulation 	. If strangulation, object causing event: d. If choking, of			*	-	nyxia an autoerotic event?					
							ONo OYes OUK Ifyes,≢				
Ociothing	O Leash		causing choking		O NO C	Dives Ounk					
Ociothing OBlind cord	O Leash O Electrical co	rd	O Food, specify	y:			If yes, with	nessed? () No	Oyes Ourk		
Ociothing OBlind cord OCar seat	O Leash O Electrical co O Person, go t	rd o question G6q	O Food, specify:	y:	f. Waschild	participating in	if yes, with	of apnea?			
Ociothing OBlind cord Ocar seat Ostroller	O Leash O Electrical co	rd o question G6q	O Food, specify	y:	f. Was child 'choking g	participating in ame' or 'pass out game'?	if yes, with h. History (O No	of apreal? O Yes O U/K	If yes, #		
Ociothing OBlind cord Ocar seat Ostroller OHigh chair	C Leash Electrical co Person, go t Automobile or surroo	rd o question G6q power window f	O Food, specify O Toy, specify: O Balloon O Other, specif	y:	f. Was child 'choking g	participating in	If yes, with h. History (O No If yes, with	of apneai? O Yes O U/K nessed? O No	lifyes,≢ OYes OU/K		
Ociothing OBlind cord Ocar seat Ostroller OHigh chair OBelt	C Leash Electrical co Person, go 1 Automobile or sunroc O other, spec	rd o question G6q power window f	O Food, specify O Toy, specify: O Balloon	y:	f. Was child 'choking g	participating in ame' or 'pass out game'?	If yes, with h. History (O No If yes, with I. Was Heir	of apneal? O Yes O U/K nessed? O No milch Maneuver ab	If yes, # O Yes O UK empted?		
Ociothing OBlind cord Ocar seat Ostroller OHigh chair	C Leash Electrical co Person, go t Automobile or surroo	rd o question G6q power window f	O Food, specify O Toy, specify: O Balloon O Other, specif	y:	f. Was child 'choking g	participating in ame' or 'pass out game'?	If yes, with h. History (O No If yes, with I. Was Heir	of apneai? O Yes O U/K nessed? O No	If yes, # O Yes O UK empted?		
Ociothing OBlind cord Ocar seat Ostroller OHigh chair OBelt ORope/string	C Leash Electrical co Person, go 1 Automobile or sunroc O other, spec	rd o question G6q power window f fy:	O Food, specify O Toy, specify O Balloon O Other, specif O U/K	ys : Nys	f. Was child 'choking g	participating in ame' or 'pass out game'?	If yes, with h. History (O No If yes, with I. Was Heir	of apneal? O Yes O U/K nessed? O No milch Maneuver ab	If yes, # O Yes O UK empted?		
Ociothing OBlind cord Ocar seat Ostroller OHigh chair OBelt ORopeistring 5. SIDS AND	C Leash C Electrical co Person, go 1 Automobile or surror O other, spect UK	rd o question G6q power window r ty: D CAU'SE UNDE	O Food, specify O Toy, specify: O Balloon O Other, specif O UK R ONE YEAR O	y: fy: IF AGE	f. Waschild 'choking gi O No C	participating in ame'or 'pass out game'? D'Yes O UIK History of seizures?	If yes, with h. History (O No If yes, with I. Was Heir O No d	of apneal? O Yes O U/K nessed? O No mitch Maneuver at O Yes O U/K	If yes, # O Yes O UIK iempted?		
Ociothing OBlind cord Ocar seat Ostroller OHigh chair OBelt ORopeistring 5. SIDS AND	C Leash C Electrical co Person, go t Automobile or sunoc Other, spect UK UNDETERMINE to 2nd-hand smoke?	rd o question G6q power window r ty: D CAUSE UNDE (b. Child overheated	O Food, specify O Toy, specify: O Balloon O Other, specif O UK R ONE YEAR O	V: N: IF AGE Yes (O	f. Waschild 'choking gi O No C	participating in ame'or 'pass out game'? D'Yes O UIK	If yes, with h. History (O No If yes, with I. Was Heir O No d	of apnea? O Yes O UNK nessed? O No mitch Maneuver at O Yes O UNK	If yes, # O Yes O UIK iempted?		
Clothing Blind cord Car seat Stroller High chair Bett Rope/string 5. SIDS ANI a. Child exposed	C Leash C Electrical co Person, go 1 Automobile or sunroc Other, speci UK UNDETERMINE to 2nd-hand smoke? IS C UK	rd o question G6q power window f ty: D CAUSE UNDE b. Child overheated if yes, O	O Food, specify: O Toy, specify: O Balloon O Other, specif O UIK R ONE YIEAR O 7 O No O	V: N: IF AGE Yes (O	f. Waschild 'choking gi O No C	participating in ame'or 'pass out game'? D'Yes O UIK History of seizures?	If yes, with h. History (O No If yes, with I. Was Heir O No d	of apneal? O Yes O U/K nessed? O No mitch Maneuver at O Yes O U/K	If yes, # O Yes O UIK empted? ? O UIK		
Clothing Blind cord Car seat Stroller High chair Bett Ropelstring 5. SIDS AND a. Child exposed No O Ye	C Leash C Electrical co Person, go 1 Automobile or sunroc Other, speci UK UNDETERMINE to 2nd-hand smoke? es C UK w often ?	rd o question G6q power window f ty: D CAUSE UNDE b. Child overheated if yes, O	O Food, specify: O Toy, specify: O Baloon O Other, specif UIK R ONE YEAR O O O No O dside temp de	y: Ny: IFAGE Yes O Ng. F	f. Was child 'choking gr O No (UK c. i	participating in ame'or 'pass out game'? D'Yes O UIK History of seizures? O No O Yes O UIK	If yes, with h. History (O No If yes, with I. Was Heir O No d	of apneal? O Yes O U/K nessed? O No mitch Maneuver at O Yes O U/K L History of apnea O No O Yes	If yes, ≢ O Yes O UK tempted? ? О UK		
Clothing Blind cord Car seat Stroller High chair Bett Ropelstring 5. SIDS AND a. Child exposed No O Ye if yes, how	C Leash Electrical co Automobile or sunroc O Other, speci UK UNDETERMINE to 2nd-hand smoke? ts O UK woten ? nty	rd o question G6q power window f ty: D CAUSE UNDE b. Child overheated if yes, O	Food, specify: Toy, specify: Other, specify: Other, specify: Ulk RONE YEAR O ONE YEAR O ONE O dettat: apply:	y: NY: NF AGE Yes O Ng. F emp	f. Was child 'choking gi O No C UIK c. I deg. F f	participating in ame' or 'pass out game'? D'Yes O UIK History of seizures? O No O Yes O UIK H'yes, =	If yes, with h. History (O No If yes, with I. Was Heir O No d	of apnea? O Yes O UIK messed? O No milch Maneuver at O Yes O UIK L History of apnea O No O Yes If yes, #_	If yes, # O Yes O UK empted? ? O UK		
Clothing Blind cord Car seat Stroller High chair Belt Rope/string 5. SIDS AND a. Child exposed No O Ye If yes, how O Frequest	C Leash Electrical co Automobile or sunroc O Other, speci UK UNDETERMINE to 2nd-hand smoke? ts O UK woten ? nty	rd o question G6q power window f ty: D CAUSE UNDE b. Child overheated if yes, O	Food, specify: Toy, specify: Other, specify: Other, specific- Ulk RONE YEAR O One year of the specific of the s	y: 57: 1F AGE Yes O sg. F emp Ing	f. Was child 'choking gi O No C UIK c. I deg. F f	participating in ame' or 'pass out game!? O Yes O UIK History of seizures? O No O Yes O UIK If yes, # !yes, withessed?	If yes, with h. History (O No If yes, with I. Was Heir O No d	of apnea? O Yes O UK nessed? O No mich Maneuver at O Yes O UK L History of apnea O No O Yes If yes, witnessed?	If yes, # O Yes O UK empted? ? O UK		
Clothing Blind cord Car seat Stroller High chair Bett Ropeistring S. SIDS AND A. Child exposed No Ye If yes, how Frequei O Occasik O UK e. For SIDS, go ft	Leash Electrical co Person, go 1 Automobile, or sunroc Other, speci UK UNDETERMINE to 2nd-hand smoke? es O UK woten ? nty snally	rd o question G6q power window fy: D CAUSE UNDE Ib. Child overheated if yes, O Check all For undetermined if	Food, specify: Toy, specify: Balloon Other, specif UIK RONE YEAR O Our Room Events aply: Too much beddl Too much clothli ury cause to infant:	y: fy: IF AGE Yes O sg. F emp Ing ng	t. Was child 'choking g O No (UK c. i 	participating in ame' or 'pass out game!? O Yes O UIK History of seizures? O No O Yes O UIK If yes, # !yes, withessed?	f yes, with h. History (O No f yes, with I. Was Hein O No d	of apnea? O Yes O UIK nessed? O No mitch Maneuver at O Yes O UIK I. History of apnea O No O Yes If yes, #_ If yes, witnessed? O No O Yes	If yes, # O Yes O UK empted? О UK		

6. WEAPON, INCLUDING PERSON'S BODY PART													
a. Type of weapon:		b. For fin	earms, type:	c. Firear	rm licensed	12		d. Firearm s	afety fi	eatures, ch	eck all that	t apply:	
O Firearm, go to b		OH	ndgum	ON	Ores	Ouk		🗆 Tirigg	er lock			Magazine	disconnect
O Sharp Instrument, go t	0]	Osh	otgun					Pers	onalizat	tion dievice		Minimum	trigger pull
O Blunt Instrument, go to	k	OBE	gun					🗆 Exte	nai saf	etyldrop sa	fety 🗆	Other, sp	ecity:
O Person's loody part, go	tol	OH	inting rifle		Loade					Loaded chamber indicator			
O Explosive, go to m		0.00	sault rifle	e. Where	e was firea	rm stored?					f. Fiream	n stored w	/th
O Rope, go to m		OA	rifie	ON	at stored	C) Und	der mattres:	s/pillow		with ammunition?		
O Pipe, go to m		Osa	wed off shotgun	OL	ocked calbin	net C) on	ver, specify:			O No	lo Oyes Oluk	
O Biological, go to m		00	her, specify:	Ou	O Unlocked cabinet						g. Firearr	m stored loaded?	
O Other, specify and go	to m	Our	к	Og	love compa	artment C) Juk	C 0 No				Oyes Oluk	
O WK, go to m													
h. Owner of fatal freams:						I. Sex of fatal		. Type of s	harp of	bject	· · · · ·	k. Type of	f blunt object
O U/K, weapon stolen	Ogr	andparent	. 0	Co-worker		finearm owne	er	Okitch	en knif	e		OB	ıt
O U/K, weapon found	Osi	bling	0	nstitutional	staff			Oswitz	hblaide			Oc	ub
Oser	Os	ouse	0	leighbor					etknife			Ost	lck.
O Biological parent	00	ther relativ	• 0	lvail gang r	member	Ouk			r			Она	mmer
O Adoptive parent	ÖF	lend	0	Stranger				OHunt	ing knif	e		O Ro	uck.
O Stepparent	0.0	quaintanic	. 0	aw enforce	ment			OSds	ions			OH	usehold item
O Foster parent	Og	nild's boyffr	iend O	Other, spec	ity:			Oothe	r, spec	fv:		Oor	her, specify:
O Mother's partner		r girfriend											
O Father's partner	Og	assmate	0	лк				Ourk				Our	ĸ
I. What did person's body			o weapon have	o. Perso	ans handlin	o weapons at th	me of		neck all	that apply:			p. Sex of person(s)
part do? Check all that	histo	ry of weap	on-related offense	si Fatal	and/or Q	ther weapon	I	Fatal an	dior 0	ther weap	on		handling weapon:
apply:	ON									Friend	_		
Beat, kick or punch	Ore					Biological pare	nt			Acquaintz	ince		Fatal weapon:
Drop	Ow.	к			_	Adoptive paren				Child's bo	wfriend or	airthend	OMate
D Push					_	Stepparent	- I						O Female
Bite	n. Does	anvone in	child's family have			Foster parent				Co-worke			Ouk
Shake			pon offenses or			Mother's partne	.			Institution			
Strangle	1		related causes?			Father's partne	r			Neighbor			Other weapon:
Throw	ON	,				Grandparent		Rival gang member			g member	.	O Male
Drown	O _V	s describ	e circumstances:			Sibing				Stranger	-		O Female
Bum					_	Spouse				Law entor	rement of	ficer	Ouk
Cother, specify:						Other relative			_	Other, sp			
Пик		ĸ								UK			
g. Use of weapon at time, ch										-			
Self-Injury		Argume	ent	Hur	ntino			Russian F	oulette			Intervene	r assisting crime
Commission of crime	_	Jealous		_	get shootin	a		Gang-rela					ood Samaritan)
Drive-by shooting			e partner violence		ying with w	-		Self-defer				Other, sp	
Random violence		Hate or				sken flor toy		Cleaning	veapor		_		
Child was a bystander		Bulying		_	wing gun t	-		Loading w				uж	
-													
7. ANIMAL BITE OR /	ATTACK		-										
a. Type of animat	~		b. Animal access		neck all that						c. Did chi		
O Domesticated dog	O Inse		C Animal					caped from	-		~	-	Ouk
O Domesticated cat	Ooth		Animal	-	side fenice		al not	t caged or k	eashed		lfyes	, how?	
OSnake	spec	clify:	-	reached in		DUK							
Q Wild mammal,	~		-	entered ani	mai area								ary of biting or
specify:	Ouk		Ошк								attack		0
											O No	Oves	Очк
8. FALL OR CRUSH	b. Heigh		c. Child fel from:										
a. Type: OFail, go to b			C Child fell from: O Open window		O Natural	elevation	0) Stairs/Step	-		object en		Animal, specify:
		feet				elevation ade elevation) Stars/stej) Fumiture			object, spi		
O Crush, go to h		Inches	OScreen		-	ade elevation und e-quipment	_) Fumiture) Bed		OBridge) Other, specify: Duvic
	- I	hur			O Playgro O Tree	una equipment) Bed) Roof		Ooverpa		(J UK.
		Эшк	Oukrs	creen ((U Tree			J HOOT					

d. Surface child fell on	o: e Barrier	in place:	f. Child in a baby w	alker?	h. For crush	did chlid:	L For crus	sh, object causing	crush:
Ocementiconcret	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	al that apply:	ONA		1000 B 1000 B 1000 B 1000	up on object	10000	plance	O Dirt/sand
OGrass			ONO			bject down		evision	O Person, answer G6g
	100000					Contraction of the second			
OGravel			Oves			behind object	OFu		O Commercial equipment
O Wood floor		her window guard	Ourk	_		shind object	Owa		O Farm equipment
O Carpeted floor	D Fe		g. Was child pushe			ut of object			nt OOther, specify:
O Linoleum/vinyl	Ra	gilling	droppped or thro	wn?	Oother	specify:	OAn		
O Marbie/tile		ainway	ONo Oyes	Quik			OTre	e branch	Ouk
O other, specify:		ste			Ouk	Ourk		ulders/rocks	
		her, specify:	If yes, go to G6q		100000000000000000000000000000000000000				
Ouk		к							
POISONING,	OVERDOSE	OR ACUTE INTO	XICATION	8					
Type of substance i	wolved, check a	I that apply:							Levi
Prescription drug		Over the	counter drug		Cosmetics/p	ersonal care pro	ducts	Other s	ubstances O u
Antidepressa	nt		pills			smetics/persona	al care prod	lucts E	Plants
Blood pressu	re medication	C Stin	ulants						Alcohol
Pain killer (op			gh medicine		Cleaning sul	stances		ī	Street drugs
Pain killer (no			medication			1000			Pesticide
Methadone	ar opiate)	1.							
1.1		10000	dren's vitamins		1000	ain cleaner		1	
Cardiac med			supplement		_	taine-based clea	aner		Cther chemical
Other, specific	r.		er vitamins		Sc				Herbal remedy
		Oth	er, specify:			her, specify:		C C	Carbon monoxide, go to f
								0	Other fume/gas/vapor
	933						80		Other, specify:
Where was the sub-	stance stored?	c. Was the produc	t in its original	f. Was th	he incident th	e result of?	g. Was F	Polson Control	h. For CO poisoning, was
O Open area		container?		OAcc	idental overdi	ose	called	2	CO detector present?
O Open cabinet		ONA	Oyes	OMed	lical treatmen	t mishap	Q No	Q Yes O UK	ONO Oyes Our
O Closed cabinet,	uniocked	ONO	Ourk	OAdv	erse effect, b	ut not overdose	Ifyes	, who called:	
O Closed cabinet.	ocked	d. Did container ha	ave a child	Open	berate polson	ing	Och	Id	If yes, how many?
O other, specify:		safety cap?	2012/01/2012/02	OACU	te intoxication		OPa	rent	
0.000,000,000		ONA	Oves		er, specify:		10000	her caregiver	
Ouk		ON	Ouk	Out	er, specify.			st responder	The state of the s
Ouk				0				Sector States	Functioning property?
		e. If prescription, w	2 0 - 12 C - 1	Ouk			1.	dical person	O No O Yes O UI
		ONo Oves	Ouk					her, specify:	
							OU		
				-			00	ĸ	1
									1
Circumstances, che	ck all that apply:				tion of expos	re:	c. Numbe	r of hours	d. Was child wearing
Circumstances, che	ck all that apply:	Lost outdoors		OH	perthermia	re:		r of hours	appropriate clothing?
Circumstances, che Abandonment	ck all that apply:			OH		re:	c. Numbe	r of hours	Contraction of the second
Circumstances, che	ck all that apply:	Lost outdoors	crossing	OH	perthermia	re:	c. Numbe	r of hours	appropriate clothing?
Circumstances, che Abandonment		Lost outdoors	crossing	OH	perthermia	re:	c. Number expose	r of hours	appropriate clothing?
Circumstances, che Abandonment Left in car Left in room	ater	Lost outdoors Illegal border Other, specify	crossing	OH	perthermia pothermia K	ure: p, degrees F	c. Number expose	r of hours ed:	appropriate clothing? O No O Yes
Circumstances, che Circumstances, che Circumstanconment Circumstances Circumstances, che	ster	Lost outdoors Illegal border Other, specify	crossing	OH	perthermia pothermia K		c. Number expose	r of hours ed:	appropriate clothing? O No O Yes
Circumstances, che Abandonment Lett in car Lett in room Submerged in w Injured outdoors MEDICAL CO	ater	Lost outdoors Illegal border Other, specify	crossing :	Ону Ону Очи	perthermia pothermia K	p, degrees F	c. Number expose	r of hours ed:	appropriate clothing? O No O Yes O UIK
Circumstances, che Abandonment Lett in car Lett in room Submerged in w Injured outdoors MEDICAL CO	ater NDITION Id have	Lost outdoors Illegal border Other, specify UK	crossing c	O Hy O Hy O UN	perthermia pothermia K -Amblent terr	ip, degrees F health care	c. Number expose	d. Were the press	appropriate clothing? O No O Yes O UIK
Circumstances, che Abandonment Left in car Left in room Submerged in w Injured outdoors 1. MEDICAL CO How long did the ch the medical condition	ater NDITION Id have	Lost outdoors Illegal border Other, specify UK b. Was death expo	crossing c	O Hy O Hy O Un C Was ch for the	perthermia pothermia K -Amblent tem	ip, degrees F health care dition?	c. Number expose	d. Were the press	appropriate clothing? O No O Yes O UIK cribed care plans
Circumstances, che Circumstances, che Abandonment Let in car Let in room Submerged in w Injured outdoors I. MEDICAL CO How long did the ch the medical conditi O in utero ()	ater NDITION Id have an?) Weeks	Lost outdoors Illegal border Other, specify UK b. Was death expo	crossing c cted as a result ition?	C. Was cl for the O No	perthermia pothermia K -Amblent tem hild receiving medical cons O Yes	IP, degrees F health care stilon?	c. Number expose	d. Were the press	appropriate clothing? O No O Yes O UIK cribed care plans the medical condition?
Circumstances, che Circumstances, che Abandonment Let in car Let in room Submerged in w Injured outdoors (1. MEDICAL CO) How long did the ch the medical condbi O in utero O Since birth (ater NDITION Id have an?) Weeks) Months	Lost outdoors Illegal border Other, specify UIK b. Was death expr of medical cond O Ni/A not prev O No	crossing c cted as a result libon? Houlsy diagnosed	O Hy O Hy O U/I c. Was ch for the O No If yes, W	perthermia pothermia K -Amblent tem hild receiving medical cons O Yes vithin 48 hour	IP, degrees F health care tition? UVK s of the death?	c. Number expose	r of hours ed: UIK d. Were the press appropriate for O N/A O No, spe	appropriate clothing? O No O Yes O UIK cribed care plans the medical condition?
Circumstances, che Abandonment Left in car Submerged in w Injured outdoors 1. MEDICAL CO How long did the ch the medicai conditi O in utero O Since birth O Hours	ater Id have on?) Weeks) Months) Years	Lost outdoors Illegal border Other, specify UIK b. Was death expr of medical cond O Ni/A not prev O No O Yes O Yes O	crossing c ected as a result ition?	O Hy O Hy O U/I c. Was ch for the O No If yes, W	perthermia pothermia K -Amblent tem hild receiving medical cons O Yes	IP, degrees F health care tition? UVK s of the death?	c. Number expose	r of hours ed: UIK d. Were the press appropriate for O N/A O No, spe O Yes	appropriate clothing? O No O Yes O UIK cribed care plans the medical condition?
Circumstances, che Abandonment Left in car Left in room Submerged in w Injured outdoors I. MEDICAL CO How long did the ch the medical conditi O in utero Since birth O Hours O Days O	ater Id have on?)Weeks)Months)Years)UK	Lost outdoors Illegal border Other, specify UIK b. Was death expr of medical cond O Ni/A not prev O No O Yes O UIK	crossing coded as a result libon? Houlsy diagnosed But at a later time	O Hy O Hy O U/I c. Was ch for the O No If yes, W	perthermia pothermia K Ambient terr hild receiving medical con- O Yes Within 48 hour	IP, degrees F health care sition? O U/K s of the death? O U/K	c. Number expose	d: d: uik d. Were the press appropriate for O N/A O No, spe O Yes O Uik	appropriate clothing? O No O Yes O UIK cribed care plans the medical condition? ecity:
Circumstances, che Circumstances, che Abandonment Let in car Let in room Submerged in w Injured outdoors (1. MEDICAL CO) How long did the ch the medical conditi O in utero Since birth O Hours O Days O	ater Id have on?)Weeks)Months)Years)UK	Lost outdoors Illegal border Other, specify UIK Was death expr of medical cond Ni/A not prev Nio Yes O UIK resoribed care plan	crossing collected as a result liton? Houlsy diagnosed But at a later time s?	O Hy O Hy O U/I c. Was ch for the O No If yes, W	perthermia pothermia K Ambient terr hild receiving medical con- O Yes Within 48 hour	IP, degrees F health care dition? O U/K s of the death? O U/K Was child up to	c. Number expose	d: d: uik d. Were the press appropriate for O N/A O No, spe O Yes O U/K g. Was g. Was	appropriate clothing? O No O Yes O U/K cribed care plans the medical condition? ecity:
Circumstances, che Circumstances, che Abandonment Left in car Left in room Submerged in w Injured outdoors I. MEDICAL CO How long did the ch the medical conditi O in utero O Since birth O Days Was childfamily con	ater Id have on?)Weeks)Months)Years)UK	Lost outdoors Illegal border Other, specify UIK b. Was death expr of medical cond NIA not prev No NVA not prev No Ves UIK rescribed care plan A	crossing c cted as a result liton? foulsy diagnosed But at a later time s? appointments	O Hy O Hy O U/I c. Was ch for the O No If yes, W	perthermia pothermia K Ambient terr hild receiving medical con- O Yes Within 48 hour	IP, degrees F health care dition? O U/K s of the death? O U/K Was child up to American Acade	c. Number expose O	d. Were the press appropriate for ON/A O No, spr O Yes O U/K 2. Was astrics 2. Was	appropriate clothing? No Yes UIK cribed care plans the medical condition? ecity: a medical condition polated with an outbreak?
Circumstances, che Abandonment Left in car Left in room Submerged in w Injured outdoors 1. MEDICAL CO How long did the ch the medical conditi O in utero Since birth O Days NA	ater Id have on?)Weeks)Months)Years)UK	Lost outdoors Illegal border Other, specify UIK b. Was death expr of medical cond NIA not prev No NVA not prev No Ves UIK rescribed care plan A	crossing collected as a result liton? Houlsy diagnosed But at a later time s?	O Hy O Hy O U/I c. Was ch for the O No If yes, W	perthermia pothermia K Ambient terr hild receiving medical con- O Yes Within 48 hour	IP, degrees F health care dition? O U/K s of the death? O U/K Was child up to	c. Number expose O	d: d: uik d. Were the press appropriate for O N/A O No, spe O Yes O U/K g. Was g. Was	appropriate clothing? No Yes UIK cribed care plans the medical condition? ecity: a medical condition polated with an outbreak?
Circumstances, che Circumstance	ater Id have on?)Weeks)Months)Years)UK	Lost outdoors Illegal border Other, specify UIK b. Was death expr of medical cond O N/A not prev O No O Yes O UIK rescribed care plan A	crossing c cted as a result liton? foulsy diagnosed But at a later time s? appointments	C. Was cl for the No if yes, v No	perhemia pothemia K -Ambient terr hild receiving medical con- O Yes Within 48 hour O Yes	IP, degrees F health care dition? O U/K s of the death? O U/K Was child up to American Acade	c. Number expose O	d. Were the press appropriate for ONIA ONo, spr OYes OUIK atrics 2. Wat asso OT	appropriate clothing? No Yes UIK cribed care plans the medical condition? ecity: a medical condition polated with an outbreak?
Circumstances, che Circumstances, che Abandonment Left in car Left in room Submerged in w Injured outdoors H. MEDICAL CO How long did the ch the medical conditi O in utero Hours O No No In No In	ater NDITION Id have m?) Weeks) Months) Years) Urk upliant with the p	Lost outdoors Illegal border Other, specify UIK b. Was death exp of medical cond O N/A not prev O No O Yes O UIK rescribed care plan an a	crossing c ected as a result liton? foulsy diagnosed But at a later time s? appointments edications, specify:	C. Was cl for the No if yes, v No	perhemia pothemia K -Ambient terr hild receiving medical con- O Yes Within 48 hour O Yes	IP, degrees F health care dition? O U/K s of the death? O U/K Was child up to American Acade Immunization sc	c. Numbe expose O date with enry of Pedi	d. Were the press appropriate for ONIA ONo, spr OYes OUIK atrics 2. Wat asso OT	appropriate clothing? No Yes UIK cribed care plans the medical condition? ecity: s medical condition oclated with an outbreak? No Yes, specify:
Left in car Left in room Submerged in w Injured outdoors How long did the ch the medical conditi O in utero O Since birth O Days Was child/family con O NvA O No If n	ater NDITION Id have on?) Weeks) Months) Years) UK inpliant with the p o, what wasn't of	b. Was death exp of medical cond O NiA not pres O N	crossing created as a result iten? foulsy diagnosed But at a later time apointments edications, specify: edical equipment use	C. Was cl for the No if yes, v No	perhemia pothemia K -Ambient terr hild receiving medical con- O Yes Within 48 hour O Yes	IP, degrees F health care ation? O U/K s of the death? O U/K Was child up to American Acada Immunization so O N/A	c. Numbe expose O date with enry of Pedi	d. Were the press appropriate for ONIA ONo, spr OYes OUIK attrics asso OT	appropriate clothing? No Yes UIK cribed care plans the medical condition? ecity: s medical condition oclated with an outbreak? No Yes, specify:

h. Was environmental tobacco	L. Were t	here access	s or com	pliance iss	ues relat	ed to the d	eath?	ONo	Oyes	OUK If yes, ch	eck all that apply:
exposure a contributing factor		Lack of mo	ney for a	are			Langua	ge barriers		Caregiver	r distrust of health clare system
in death?		Limitations	of healt	h insuranc	e covera	e 🗆	Referra	is not: made		Caregiver	r unskilled in providing care
O No		Multiple her	aith insu	ranice, not	coordina	sted 🗖	Special	st needed,	not availab	ie 🗆 Caregiver	r unwilling to provide care
O Yes		Lack of tran	nsportati	on			Multiple	providers,	not coordin	ated 🗖 Garegiver	r's partner would not allow care
Ourk		No phone					Lack of	child care		Other, sp	ecity:
		Cultural diff	erences				Lack of	family or so	cial suppo	rt.	
		Relgious d	blection	to care				s not availa			
12. OTHER CAUSE, UNDETE		CAUSE		KNOWN	LICAUS	F					
Specify cause, describe in detail her				All Olin	- CAUS	-					
H. OTHER CIRCUMSTANCE		CIDENT- A	NSWE		VANT	SECTIO	NS				
1. ANSWER THIS ONLY IF C								<u></u>	0	0	
WAS DEATH RELATED TO					/IRONI	MENT?	C	No, go to	нυ 🔾	Yes 🔘 UK, ø	o to H2
a. Incident sleep place:									b. Child o	ut to sleep:	c. Child found:
) Playpen/s	other play st	ructure t	ut not por	table crit	radu	it bed, wi	hat type?	Oonto	-	O On back
) Couch			and the second second) Twin		Oons		O On stomach
) Chair						Full		O on s		Q on side
O Portable, e.g. pack-n-play O							Queen		Ouk		Ouk
						-			1 Vuil		A.m.
÷) Car seat						King				
0	Stroller						Other, s	pecify:			
) Other, sp	ecify:) U/K				
O Waterbed C) UK										
d. Usual sleep place:									e. Usual s	leep position:	f. Was there a crib,
0 om 0	Playpen/s	other play st	ructure t	ut not por	table crib	radu	it bed, wi	hat type?	Oon	back	bassinette or port-a-crib
fictib, type: C	Couch						Twin		00	stomach	In home for child?
) Chair					1 1	Full		Öon		Ő No
O Portable, e.g. pack-n-play O						1 1	Queen		l õu		O Yes
						1 2	O King		0.00		-
	Car seat						-				O uk
	Stroller (-	Other, s	pecify:			
-	Other, sp	ecify:) UK				
Q Waterbed C) UK										
g. Child in a new or different environm	ent than u	sual? h	. Childi	ast placed	to sleep	with a pac	fler?		I. Was a	fan being used in th	e room at the time of death?
ONO OYIES O'UK	ff yes, sp	ecity:		OND	Ores	Ouk			O No	O Yes O UK	If yes, type:
J. Circumstances when child found:		Childs	position	most							
Child's airway was:		neleva	ant to de	stic	-	With who	st objects	or persons	, check all	that apply:	
O Unobstructed by person or object	t	0	On top of				Adult(s)			Water loed mattress	Ciothing
O Fully obstructed by person or ob	ect	0	Inder				Child(re	n)		Air mattress	Cord
O Partially obstructed by person or			Between				Animal		_	Bumper pads	Plastic bag
Ô uk			Vedged	eto.		_	Blanket	-		Crib rall	
- un		-	veogeo Tessed I			_	Plice			Crip rail Couch	Other, specify:
		-			(Conter, specify:
			ell or rol			_	Comfor			Chair, type:	-
		-	angled I			_	Mattres	-		Car seat/stroller	□ uk
			Other, sp	echy:			Pillow-to	op mattress		Stuffed toy	
		Ou	ж		J						
k. Caregiver/supervisor fell asleep whi	e	I. Child sle	eping in	the	nn. Chlik	d sleeping	on same	surface with	h person(s)	or animals(s)?	ONO OYes OUK
feeding child? O No O Yes	Ouk	same ro	om æs ca	regiver/	If yes,	check all t	hat apply				
If yes, type of feeding:		supervis	or alt tim	e of		th adult(s):		=	□ ≠∪rk	Aduit obese: C	No O Yes O U/K
O Bottle		death?				th other ch			□ ≠UK	Children's ages:	
O Breast		ONo (Ores	Ошк		th animal(s				Type(s) of anim	
Ouk		· · · · ·		20 Ser. 6			-	-		a general of a second	
2. WAS DEATH A CONSEQU	ENCER	EAPRO					RODUC	т2	0	ро to H3 🔿 Yes	OU/K, go to H3
											-
 Describe product and 	b. Was p			c. Is a rec	ail in pla	ce?		roduct have	•	e. Wasi Consumer P	
circumstances:	used p	roperly?					safet	y label?		Commission (CP	SC) notified?
	0 №	O Yes (Эuik	O No	Oyes	Ourc	ONO	O Yes	Ouk	O No, call 1-80	0-638-2772 to file report
										O Yes	Ouk

3. DID DEATH OCCUR DURING CO	MMISSION OF ANOTHER	R CRIME?			Оyes Quik
a. Type of crime, check all that apply:					
Robbery/burglary Other as	sault 🗌 Arson		liegal border crossing		u/ĸ
Interpersonal violence Gang co	nflict 🛛 Prostitutio	on 🗆	Auto theft		
Sexual assault Drug tra	de 🔲 Witness I	intimidation	Other, specify:		
I. ACTS OF OMISSION OR COMMIS	SION INCLUDING POOR	SUPERVISION	CHILD ABUSE & NEG	LECT AS	SAULTS AND SUICIDE
Type of Act					
1. Did any actis) of omission or commission	2. Was the act(s): Check only		3. What acts caused or cont	alle da d'un di	u danih?
 Did any act(s) or omission or commission cause and/or contribute to the death? 	2. Was the act(s): Check on(y one per column.	Check only one per colum		
O No, go to Section J	Caused Contributed		Caused Contribute		
O Yes		-		_	pervision, go to 11
O Probable				id abuse, go	
O LIK go to Section J		etermined intent		id neglect, go	
				er negligen:	
If yes/probable, were the act(s) either or both?					id abuse, go to 11
Check all that apply:					al practices, go to 11
The direct cause of death				cide, go to 2	
The contributing cause of death					enture, specify and go to 12
The controlling cause or death					enture, specify and go to 12 and go to 11
				er, specify a , go to 11	ina go 10 11
4. Child abuse, type. Check all that apply	5. Type of physical abuse, ch	and all their sector	6. For abusive head trauma.		8. Events(s) triggering physical abuse,
 Child abuse, type. Check all that apply and describe in narrative. 	 Type or physical abuse, cr 	result an unat apply:	 For abusive nead trauma, there retinal hemorrhages 		Events(s) triggering physical abuse, check all that apply:
and describe in narrauve.	Abusive head trauma, or				None
Physical, go to 5	Chronic Blattered Child S		UNO UYES UUK	•	
Emotional, specify and go to 11	Beating/kicking, go to 8	synarome, go to s			Toilet training
Sexual, specify and go to 11	Scalding or burning, go to		For abusive head trauma, the child shaken?	was	Disobedience
UK, go to 11	Munchausen Syndrome				Feeding problems
C U/K, go to 11	Other, specify and go to		U No UYes Ulik		Domestic argument
	UVK, go to 8		The second s		Other, specify:
	Ci UK, go to a		If yes, was there impact?	.	UK
9. Child neglect, check all that apply:			10. Other negligence:		ctis) of ommision/commision:
_	Falure to seek/follow treatme		O Vehicular	Caused	
specify:	Parare to sectorolow areastic	and, specing.	O Other, specify:	0	O Chronic with child
	Emotional neglect, specify:		O other, specify.	ŏ	O Pattern in family or with
	Abandonment, specify:		Ouk	~	percetrator
	preamournent, specify.		C. UK	0	O isolated incident
	Эшк			ŏ	O uk
Coller, specity.	Juk			~	O UK
Person(s) Responsible	-				
12. Is person the caregiver or supervisor	13. Primary person responsit	ble for action(s) that	caused and/or contributed to	death:	
In previous section?	Select no more than one	person for caused	and one person for contributer	d.	
Caused Contributed	Caused Contributed		ed Contributed		Caused Contributed
0 0 No	0 0 Sef, go to 2		Q Grandparent		O Medical provider
O Yes, caregiver one, go to 25	O O Biological pa		O Sibling		O Institutional staff
O Yes, caregiver two, go to 25	O Adoptive par	rent O	O Other relative		O Babysitter
O Yes, supervisor, go to 26	O O Stepparent	0	O Friend		O Licensed child care
	O O Foster paren	* O			worker
	O O Mother's part	tner O	Child's boyffiend or g	airttiendi	O Other, specify:
	O O Father's part	her O	O Stranger		O O UK
14. Person's age in years: 15. Pers	kon's sex:	16. Does person s	neak English?	17 Perso	n on active military duty?
	used <u>Contributed</u>	Caused Co			ed Contributed
) No	0	
	O Female) Yes	ő	÷
	D Ouk		5 urk	ŏ	_
		fino, language:		-	specify branch:
		a contraction of the second second			

18. Perso	n have history of		19. Person	have his	story of chi	d	20. Perso	n have history of	child matreatment	as 21. Per	son have disability or chronic liness?			
subst	ance abuse?		matrea	atmenit a	s victim?		a per	petrator?						
Caused	Contributed		Caused	Contrib	uted		Caused	Contributed		Cause	d Contributed			
0	O No		0	ONO			0	O No		0	O No			
0	O Yes		0	Ore	8		0	O Yes		0	O Yes			
Ō	O UK		0	O ur	к		õ	Ó uk		0	Ouk			
If yes,	check all that ap	phy:	fiyes, o	theck all	that apply:		flyes.	check all that ap	pty:	f y	es, check all that apply:			
	Alcohol			D Ph				Physical						
	Cocaine				-			Neglect						
	Marijuana			a se	-			Sexual						
	Methampi			_	otona/			Emotional	have belogical		_			
	Oplates				chological						If mental, was caregiver receiving			
	Prescripti	n davas					-	# CPS	refermin		ices?			
	Over-the-				* # CPIS refe				tantiations		O O No			
	Conternation								ntion services?	_	-			
	_	ecity:			# Sulbstant er in foster									
						care			servation svcs?	0	Ouk			
	22. Person have prior if yes, check all that apply:						Children e							
								in have history of			24. Pierson have delinquent/criminal history? Caused Contributed			
	ieaths?		Contribut		-			ate partner violen	ce?					
	Contributed				*			Contributed		0	-			
0	0 №		_	-	*	-		No No		0	-			
0	O Yes		Acci					Yes, as view		0	O uk			
0	O uk		Suid	ide #				Yes, as pe	rpetrator	if yes	s, check all that apply:			
				3 #				🗆 UK			Assaults			
				r#	_						Robbery			
			Othe	r, specif,	y:						Drugs			
			O UK								Other, specify:			
											L UK			
1	of Incident was	person, che	ck all that ap	pty:				all that apply:	-		feath, icheck all that apply:			
Caused					Caused	Contrib				tributed				
	Drug Imps					_	-	of similar acts?"		No charge				
	Alcohol In	paired?					or arrests?			Charges p	-			
	Asleep?					D Pri	or convicti	ons?		-	ed, specify:			
	Distracted	12								Confession				
	Absent?									Plead, spe	city:			
	Impaired I	-	-							Not guilty v				
	Impaired I	y disability?	Specify:							Guilty verd	lct, specify:			
	Cther? Sp	ecify:								Tort charg	es, specify:			
										uк				
For \$	uicide								•					
28. For s	uicide, select ye	s, no ar uik f	or each ques	stion. De	escrible ans	wers in n	arrative.	29. For suicidie,	was there a history	of acute or	cumulative personal crisis			
								that may hav	e contributed to the	child's de	spondency? Check all that apply:			
	Yes No	U/K						None k	nown		Physical abuse/assault			
	0 0	0	A note was	left?				E Family	discord	0	Rapie/sexual abuse			
	0 0	0	Child talked	i about s	uicide?			Parent	dvorce/separatio	n D	Problems with the law			
	0 0	0	Prior suicid	e threats	were mad	e?			ent with parents/car	egivers D	Drugs/alcohol			
	0 0	Ó	Prior attem	ots were	made?			_		-	Sexual orientation			
	οõ	ŏ	Suicide was			cted?			p with boyfriendigin		Religiousicultural issues			
	ŏŏ	ŏ	Child had a					_	ent with other friend	-	Job problems			
	ŏŏ	ŏ	Child had a		_			C Rumor			Money problems			
	ŏŏ	ŏ	There is a f					_	by friend or relativ		Gambing problems			
	ŏŏ	ŏ	Suicide was						eath of friend or re		Involvement in cut activities			
	ŏŏ	ŏ	Suicide was								Involvement in computer			
	0 0	õ	Suicide was						as victm as perpetrator		-			
	0 0	0	Suicide was	s part of	a suicide c	uster?				-	or video games			
								School			Involvement with the internet,			
								Move/r		_	specify:			
									erious school prob	-] Other, specify:			
								Pregna	ncy		Juk			

J. SERVICES TO FAMILY AND COMMUNITY AS A RESULT OF DEATH

Services:	Provided	Offered but	Offered but	Should be	Needed but		CDR revi
Select one option per row:	after death	refused	U/K If used	offered	not available	Unknown	led to refe
Bereavement counseling	0	0	0	0	0	0	
Economic support	0	0	0	0	0	0	
Funeral arrangements	Ó	Ó	Ó	Ó	Ó	Ó	
Emergency shelter	0	0	0	0	0	0	
Mental health services	0	0	0	0	0	0	
Foster care	0	0	0	0	0	0	
Health care	0	0	0	0	0	0	
Legal services	0	0	0	0	0	0	
Family planning	0	0	0	0	0	0	
Other, specify:	0	0	0	0	0	0	

O Yes, probably

PREVENTION INITIATIVES RESULTING FROM THE REVIEW

O No, probably not

Mark this case to ed

is at at later dat

1. Could the death have been prevented?

O Team could not determine

			-	-					
		Cui	vent Action 8	tage		f Action		rel of Act	
		Recommendation	Planning	Implementation	Short term	Long term	Local	State	National
(Media campaign	Õ	Ō	ō					
	School program	0	0	0					
ŝ	Community safety proje	et ()	0	0					
Education	Provider education	0	0	0					
8	Parent education	0	0	0					
	Public forum	0	0	0					
U	Other education	0	0	0					
- (New policy(les)	0	0	0					
8	Revised policy(les)	0	0	0					
Voe	New program	0	0	0					
×.	New services	0	0	0					
ļ	Expanded services	0	0	0					
<u>ا</u>	New lawlordinance	0	0	0					
Ň	Amended lawlordinance	0	0	0					
l	Enforcement of lawlord	nance ()	0	0					
Emironment	Modify a consumer proc	luct Ö	0	0					
Ē	Recall a consumer prod	uct O	0	0					
ž.	Modify a public space	0	0	0					
<u>ل</u> ة (Modify a private space(s) ()	0	0					
	Other, specify:	0	0	0					
Brief	ly describe the initiative	6:							
	took responsibility for cha		n initiatives?						
		Mental health		Law enforcement		cy organization			Other,
_		Schools		Medical examiner		mmunity group			specify:
_ H	-	Hospital		Coroner		altion/task force			
	Social services [Other health care pr		Elected official	Youth gr				

endations and/or initiatives resulted from the review? Check all that apply: No recommendations made, go to Section L diffic mech

L. THE REVIEW MEETING PROCESS 1. Date of first review meeting: 2. Number of rev	
 Date of first review meeting: Number of rev 	
	view meetings for this case: 3. Is review complete? O No O Yes
 Agencies at review, check all that apply: 	
Medical examinericoroner CPS	Other health Care Mental health Others, Ist
Law enforcement Other social services	Fire: Substance abuse
Prosecutor/district attorney Physician	
Public health Hospital	Education Child advocate
. Factors that prevented an effective review, check all that apply:	 Review meeting outcomes, check all that apply:
Confidentiality issues among members prevented full exchange of info	_
HIPAA regulations prevented access to or exchange of information.	Team disagreed with official manner of death.
Inadequate investigation precluded having enough information for nevia	ew. What did team believe manner should be?
Team members did not bring adequate information to the meeting.	
Necessary team members were absent.	Team disagreed with official cause of death.
Meeting was held too soon after death.	What did team believe cause should be?
Meeting was held too long after death.	
Records or information were needed from another locality in-state.	Because of the review, the official cause or manner of death was changed.
Records or information were needed from another state.	Review led to the delivery of services.
Team disagreement on circumstances.	Review led to changes in agency policies or practices.
Other factors, specify:	Review led to prevention initiatives being implemented.
	C Local C State National
I. NARRATIVE	
N. FORM COMPLETED BY:	Continue narrative if necessary on back page
	EMAIL: DATE COMPLETED:
ERSON:	EMAIL:

