

Regional SIDS Contact List

Davidson Alison Butler 615-340-8617

alison.butler@nashville.gov East Juli Allen 865-549-5262

Julianne.allen@tn.gov Hamilton

Marissa Thompson 423-209-8151 MarissaT@HamiltonTN.gov

Adrien Jones

Adrien.Jones@knoxcounty.org Jackson/Madison Co. Diana Munoz-Ennis 731-423-3020 Ext. 2118 dmunoz-ennis@madison

countytn.gov Mid-Cumberland Jessica Hawley

Jessica.F.Hawley@tn.gov

Brittany Lewis 423-979-4591 brittany.lewis@tn.gov

Shelby Tunishia Kuykindall 901-222-9043

Tunishia.kuykindall@shelby countytn.gov South Central

Gina Vaughn 931-490-8347

gina.vaughn@tn.gov Southeast Carol Henson 423-634-5838

carol.henson@tn.gov Sullivan

Courtney Price 423-279-2745 cprice@sullivanhealth.org Upper Cumberland

Melissa Vinson 931-520-4219 melissa.vinson@tn.gov

West Barbara Potts 731-421-6706

barbara.potts@tn.gov TN SIDS Alliance

Kimberly Collette 423-239-8219 sidstn@cs.com

Ashley Bridgman 615-741-1230 Ashley.N.Bridgman@tn.gov

 \sim

kidcentral tn

TN Department of Children's Services

TN Department of Health



Center for Health and Human Services

MIDDLE TENNESSEE

> Prevention Through Understanding: INVESTIGATING UNEXPECTED CHILD DEATH

2024 Edition · mtsu.edu/sids

Presented by the Tennessee Department of Health, Tennessee Department of Children's Services, and the State Medical Examiner's Office in collaboration with Middle Tennessee State University

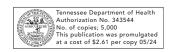
BIC

Prevention Through Understanding: Investigating Unexpected Child Death









In collaboration with

Tennessee Medical Examiner's Office, Tennessee Department of Health Middle Tennessee State University, Center for Health and Human Services

In partnership with

Middle Tennessee State University, University College Tennessee Department of Children's Services

2024 Edition



1023-2463 / Middle Tennessee State University does not discriminate against students, employees, or applicants for admission or employment on the basis of race, color, religion, creed, national origin, sex, sexual orientation, gender identity/expression, disability, age, status as a protected veteran, genetic information, or any other legally protected class with respect to all employment, programs, and activities sponsored by MTSU. The Assistant to the President for Institutional Equity and Compliance has been designated to handle inquiries regarding the non-discrimination policies and can be reached at Cope Administration Building 116, 1301 East Main Street, Murfreesboro, TN 37132; Marian.Wilson@mtsu.edu; or 615-898-2185. The MTSU policy on non-discrimination can be found at www.mtsu.edu/iec.

Preface and Acknowledgments

The Sudden Unexplained Child Death Act, signed into law in May 2001 and amended in April 2002, states that all emergency medical technicians, firefighters, and law enforcement officers must receive training on the handling of cases of sudden, unexplained infant death as part of their basic and continuing training requirements (Tenn. Code Ann. § 68-1-1102, 2001 and supp. 2002). In June 2005, Tenn. Code Ann. § 68-1-1103 was signed into law, requiring an investigation into the sudden, unexplained death of **any child from birth through age 17**. The laws mandate that the Tennessee Departments of Health and Children's Services, in cooperation with the state's Medical Examiner's Office, develop the training program, rules, and minimum standards needed to comply with the law. Prevention Through Understanding: Investigating Unexpected Child Death is the result.

In addition to responding to the law, these materials may also be used to learn about Sudden Infant Death Syndrome (SIDS).

The welfare of Tennessee's children is important to all of us, and the death of even one child is a tragedy. By developing a more uniform approach to death investigation, we can more accurately determine the cause, manner, and circumstances of sudden, unexpected infant and child deaths. Prevention Through Understanding will provide emergency medical technicians, firefighters, and law enforcement personnel the information they need to respond appropriately and respectfully to one of the most professionally and personally challenging situations faced in death scene investigation.

On behalf of the Medical Examiner's Office and the Departments of Health and Children's Services, we wish to acknowledge those who gave their time, energy, and expertise to make this program possible. We thank the Center for Health and Human Services at Middle Tennessee State University for developing the training video and manuals and, through their partnership with MTSU's University College, for facilitating, implementing, and evaluating live and online training opportunities. We also thank the members of the Advisory Group for their invaluable assistance and all those associated with the making of the program's video presentation.

We hope these materials will be of interest and use to you as you perform the unique and difficult duties of your profession. We welcome your feedback and comments.

Please visit the Center for Health and Human Services website at mtsu.edu/chhs for links to training, trainer, and trainee resources, as well as to inquire about professional services offered to meet public health needs. For more information about the educational video and manual, contact the University College, Middle Tennessee State University, Attn: Prevention Through Understanding: Investigating Unexpected Child Death, MTSU Box 54, 1301 East Main Street, Murfreesboro, Tennessee 37132, 615-898-2177. Prevention Through Understanding: Investigating Unexpected Child Death

Prevention Through Understanding:

Investigating Unexpected Child Death

SIDS Advisory Group

John Burchfield

Middle Tennessee State University Murfreesboro, TN 37132 john.burchfield@mtsu.edu 615-898-5804

Cynthia Chafin

Middle Tennessee State University 1114 E. Lytle St. MTSU Box 99 Murfreesboro, TN 37132 cynthia.chafin@mtsu.edu 615-898-5493

Danny Cupples, CC EMT-P, D-ABMDI

407 N. Locust St., Mt. Pleasant, TN 38474 dannycupples@yahoo.com 931-626-1228

Jeff Elliott

Fire Service Program Director Tennessee Fire and Codes Academy 2161 Unionville-Deason Road Bell Buckle, TN 37020 jeff.elliott@tn.gov 931-294-4151

Sarah Gwinn

Middle Tennessee State University 114 E. Lytle St. MTSU Box 99 Murfreesboro, TN 37132 sara.gwinn@mtsu.edu 615-494-8986

Ashley Bridgman, MPH, MS

Child Safety and Brain Injury Programs Director Division of Family Health and Wellness 710 James Robertson Parkway Andrew Johnson Tower Nashville, TN 37243 Ashley.N.Bridgman@tn.gov 615-741-1230

Brian Gaither

Deputy Director Rutherford County EMS 317 Oak Circle Unionville, TN 37180 bgaither@rutherfordcountytn.gov 615-904-7533

Sean M. Lester, BS, D-ABMDI

Administrator of Training West TN Regional Forensic Center Shelby County Medical Examiner's Office 637 Poplar Ave. Memphis, TN 38105 sean.lester@shelbycountytn.gov 901-222-4635

Adele M. Lewis, MD

State Chief Medical Examiner, State of Tennessee 710 James Robertson Parkway Andrew Johnson Tower Nashville, TN 37243 adele.lewis@tn.gov 615-532-2968

Morgan Maples, D-ABMDI

Investigations Manager Knox County Regional Forensic Center 2761 Sullins Street SW Knoxville, TN 37919 morgan.maples@knoxcounty.org 865-215-8078

Deborah Newman

Criminal Justice Department Middle Tennessee State University, Box 238 Murfreesboro, TN 37132 deborah.newman@mtsu.edu 615-898-2630

Deputy Chief Britt Reed

Rutherford County Sheriff's Office Criminal Investigations Division 940 New Salem Hwy. Murfreesboro, TN 37129 breed@rcsotn.org 615-904-3114

Sgt. DJ Jackson

Criminal Investigation Division Rutherford County Sheriff's Office Criminal Investigations Division 940 New Salem Hwy. Murfreesboro, TN 37129 djackson@rcsotn.org 615-904-3053

Table of Contents

Section I-Introduction

References

Purpose	.1
Overview of the Law	.1
Why Target First Responders?	.1
What Is Included in This Curriculum?	1
Objectives of the In-Service Program	.2
What to Consider While Watching the Video	.2
Suggested In-Service Discussion Questions	.3
SIDS Online Training Courses	.3

Section II-Teaching the In-Service or Pre-Service Program

Understanding the Laws Governing Death Scene Investigation	5
Understanding Sudden Infant Death Syndrome	5
Facts About SIDS	5
SIDS in Tennessee Before and After the Back to Sleep Campaign	6
Understanding Child Protective Services/Abuse and Neglect Cases	6
Understanding Child Fatality Review Teams	6
How to Respond to an Unexpected Child Death Scene	7
Compassionate Interaction	7
Conducting an Infant or Child Death Scene Investigation	8
Completing and Submitting the SUIDI Form	8
SUIDI Reporting Form	9
How to Use the SUIDI Reporting Form	21
Section III–In-Service Forms	
Workshop Post-Assessment	23
Workshop Evaluation	
	20
Appendices	
A. Legislation: Sudden Unexplained Child Death Act	
Direct On-Scene Education (D.O.S.E.) Program	
B. Sudden Infant Death Syndrome	
Q&A: Sudden Infant Death Syndrome	
NIH News: SIDS Infants Show Abnormalities in Brain Area Controlling Breathing	
Glossary of SIDS-Related Terminology	
SIDS in Tennessee	
C. Tennessee Services and Information	
Child Safety	
What Is Child Abuse?	
Who Should Report Child Abuse?	
What Happens in an Investigation?	
What Happens When I Call Central Intake?	

ricvention
Through
Understanding:
Investigating
Unexpected
Child Death

Prevention

Prevention Through Understanding: Investigating

Unexpected

Child Death

Tennessee Medical Examiner

The Office of the State Chief Medical Examiner (OSCME) was incorporated into the Tennessee Department of Health July 1, 2012, as a full-time position for the first time in the history of the state. Operating under the Department of Health, the goal is to create statewide consistency of high quality medicolegal death investigation and forensic autopsy services. The purpose is to serve our fellow citizens by protecting the public's health and safety, participating in the criminal justice system, and providing data for vital statistics.

Services provided by the Office of the State Chief Medical Examiner:

- Educating and training county medical examiners, county medical investigators, and law enforcement in death investigation.
- Consulting service to county medical examiners and other local and state departments in forensic pathology and medicolegal death investigation.
- Archiving county medical examiner and autopsy reports from throughout Tennessee.
- Supplying copies of autopsy reports and/or reports of investigation by county medical examiners to the public.
- Autopsy Report Request Form (PDF)
- Ensuring payments are made to pathologists for autopsies performed through the medical examiner program.
- "The Chief Medical Examiner shall have investigative authority for certain types of death that are in the interests of the state, including mass fatality incidents, for the identification, examination and disposition of victims' remains, and instances that represent a threat to the public health or safety, or both." TCA 38-7-103

State Medical Examiner:

Adele M. Lewis, MD

State Chief Medical Examiner, State of Tennessee

710 James Robertson Parkway Andrew Johnson Tower Nashville, TN 37243

615-532-2968

adele.lewis@tn.gov

Section I–Introduction

Purpose

The purpose of this program is to help reduce the incidence of injury and death to infants and children by accurately identifying the cause and manner of death for those under 18 years of age. This will be accomplished by requiring that a death scene investigation be performed in all cases of sudden, unexpected infant and child death.

Overview of the Law

According to the law, all emergency medical technicians (EMTs), professional firefighters, and law enforcement officers shall receive training on the handling of cases of sudden, unexplained child death—including being sensitive to the grief of family members—as part of their basic and/or continuing training requirements. (Throughout this manual these professionals will also be described as "first responders.") In addition, the chief medical examiner for Tennessee shall develop and implement a program for training child death pathologists. For every sudden, unexplained death of a child under 18, the attending physician or coroner shall notify the county medical examiner, who will coordinate the death investigation. The county medical examiner shall also contact local law enforcement personnel to conduct the death scene investigation, according to the protocol developed by the chief medical examiner. The chief medical examiner's protocol is presented to you through this in-service program.

Why Target First Responders?

Like any other emergency situation, it is important to prepare for responding to a sudden infant or child death scene. This preparation should include an evaluation component to guide future performance. For example, if an infant death is due to Sudden Infant Death Syndrome (SIDS), it is important that first responders handle those tragedies with great care, giving families and care providers the empathy and support they deserve. Conversely, despite the presence of grieving parents and a lack of visible trauma, occasionally a child's death can be the result of a criminal act or negligence. First responders have the difficult task of balancing the need for a thorough investigation with the concerns of the family and others involved in the event, recognizing that only a complete autopsy, medical history, and review of the death scene can determine the cause of an unexpected child death.

What Is Included in This Curriculum?

Prevention Through Understanding: Investigating Unexpected Child Death provides an educational video presentation as well as written information for trainers and trainees. The program manual includes the following:

- 1. Program Objectives
- 2. Recommended Program Format
- 3. Materials Needed for Presenting the Program
- 4. A Section Focused on Teaching the Program
- 5. A Post-Assessment Questionnaire
- 6. In-Service Tracking and Evaluation Forms
- 7. Appendices and References

Prevention Through Understanding: Investigating Unexpected Child Death

Prevention Through Understanding:

Investigating Unexpected Child Death

Objectives of the In-Service Program

Upon completion of this program, **law enforcement personnel** should be able to conduct a child death scene investigation **using the Sudden Unexplained Infant/Child Death Investigation (SUIDI) form** developed by the Centers for Disease Control and Prevention and the Tennessee Medical Examiner. All first responder participants should be able to

- 1. discuss the Tennessee law requiring (a) an investigation of all sudden unexplained child deaths in the state, and (b) training of current and future EMT, firefighter, and law enforcement personnel;
- 2. define Sudden Infant Death Syndrome, or SIDS, and be able to describe what SIDS is and what SIDS is not;
- 3. identify specific risk factors for sudden infant death;
- 4. describe the roles of EMTs, firefighters, and law enforcement personnel as witnesses and investigators at a scene and describe how to respond appropriately and obtain information as required by the state medical examiner;
- 5. identify the critical surroundings and environment when responding to a scene;
- 6. demonstrate sensitivity and a non judgmental approach to family members and caregivers;
- 7. describe the role of Child Protective Services (CPS) and its investigations relating to child abuse and neglect;
- 8. describe the importance of the Child Fatality Review (CFR) team; and
- 9. identify resources for grieving families and care providers and support for professionals.

What to Consider While Watching the Video

While viewing the video, please be aware of the following:

- 1. the collaborative nature of the work of all first responders—EMTs, firefighters, and law enforcement—and the significant duties each professional has when responding to the scene of a nonresponsive child;
- 2. the importance of observing the surroundings and preserving the scene environment, understanding that law enforcement officers are typically responsible for investigating a child death scene while EMTs and firefighters are witnesses to the scene;
- 3. specific procedures and requirements for investigating a death scene, including interviewing techniques;
- 4. the roles and responsibilities of Child Protective Services (CPS) and Child Fatality Review (CFR) teams; and
- 5. the sensitivity and support shown to family members and care providers.

Suggested In-Service Discussion Questions

- 1. Discuss the Sudden Unexplained Child Death Act. What is its purpose? What are the major elements of the law?
- 2. What is Sudden Infant Death Syndrome? Are all unexplained infant deaths due to SIDS?
- 3. Was there any section of the video that you found particularly meaningful? Please describe it and why it struck you as significant.
- 4. In your experiences with a child's death, what are your memories, what have you learned, and what advice would you pass on to other professionals?
- 5. Discuss the roles of emergency medical technicians, firefighters, and law enforcement at an unexpected child death scene.
- 6. Discuss the role of child protective services and the importance of the scene investigation for the Child Fatality Review team.
- 7. What system does your service have in place for contacting families in the event of acute illness or injury?
- 8. What approach have you found helpful in comforting parents/caregivers in their grief over the loss of an infant or child?
- 9. For law enforcement and other investigators, what questions do you have about using the SUIDI form?

SIDS Online Training Courses

This course is also available in a self-guided format. It is designed for participants to take the course individually and completely online. There are no registration fees, but it is required for you to complete a registration process online and score 70% or more to receive credit for this training. Upon successful completion, a certificate will be mailed to the address you provided to verify your credit for completing the course.

To register, visit www.sidstrainingtn.org.

Available course:

1. Prevention Through Understanding: Investigating Unexpected Infant Death

Upon completion of this course, you will receive credit for the training requirements mandated by the State of Tennessee in response to the Sudden Unexplained Child Death Act.

2. Sudden, Unexplained Infant Death Investigation: Guidelines for the Investigator

The purpose of this course is to provide uniform guidelines for the death scene investigators to facilitate a properly documented and effective investigation.

Prevention Through Understanding: Investigating Unexpected Child Death Prevention Through Understanding: Investigating Unexpected Child Death

Section II-Teaching the Program

Understanding the Laws Governing Death Scene Investigation

The Sudden Unexplained Child Death Act, signed into law in May 2001 and amended in April 2002, mandates that first responders receive training on handling cases of sudden, unexplained infant death as part of their basic and continuing training requirements. (See Tenn. Code Ann. § 68-1-11, 68-142, 68-3-5, 2001 and 68-1-1102, Supp., 2002.) In June 2005, Tenn. Code Ann. § 68-1-1103 was signed into law, requiring an investigation into the sudden unexplained death of **any child** from birth through age 17. The purpose of the law is to help reduce the incidence of injury and death to infants and children by accurately identifying the cause and manner of death. This is accomplished by requiring that a death investigation be performed in all cases of sudden, unexpected child death.

According to the law, all emergency medical technicians (EMTs), professional firefighters, and law enforcement officers should receive training on the handling of cases of sudden, unexplained child death—including being sensitive to the grief of family members—as part of their basic and continuing training requirements. (As of December 31, 2003, law enforcement officers were no longer required to receive this training as part of their continuing training requirements, but it is still part of their basic training. See Tenn. Code Ann. § 68-1-1102 (d), Supp., 2002, including compiler's notes). In addition, the chief medical examiner for Tennessee shall develop and implement a program for training child death pathologists.

For every sudden, unexplained death of a child under 18 years of age, the attending physician or coroner shall notify the county medical examiner, who will coordinate the death investigation. The county medical examiner will contact local law enforcement personnel to conduct the death scene investigation, according to the protocol developed by the chief medical examiner for the state. The law also permits the Tennessee Department of Health to reimburse county governments for autopsies performed in these investigations, **provided the Sudden Unexplained Infant/Child Death Investigation** (SUIDI) form is used to complete the investigation. The maximum allowable cost per autopsy is \$1,250. Appendix A provides a copy of the full text of the laws. Please see page 9 for a copy of the SUIDI form.

Understanding Sudden Unexpected Infant Death

Definition of Sudden Unexpected Infant Death — This is an umbrella phrase that describes all infant deaths that happen suddenly and unexpectedly. The manner and cause of death are not clear before an investigation is done.

Definition of Sudden Infant Death Syndrome (SIDS) — This refers to the sudden death of an infant less than one year of age that can't be explained after a thorough investigation is conducted. This includes a complete autopsy, examination of the death scene, and review of the medical history.

Definition of Sleep-Related Death — This refers to infant deaths caused by circumstances in the sleep environment such as pillows, blankets or stuffed animals in the crib, a baby sleeping on a surface other than a crib, or a baby sleeping with an adult.

Facts About SIDS

Studies have shown that many sudden unexpected infant deaths are caused by an unsafe sleep environment. These deaths are preventable when parents and caregivers follow these safe sleep recommendations:

- always be placed on their backs to sleep
- sleep alone in a crib or bassinet, although it should be in the same room as an adult caregiver
- no bumper pads, blankets, stuffed animals, toys, or pets in their cribs
- sleep on a firm crib mattress with the mattress covered only by a fitted sheet

Prevention Through Understanding: Investigating Unexpected Child Death Prevention Through Understanding: Investigating Unexpected Child Death

SIDS in Tennessee Before and After the Back to Sleep Campaign

The Back to Sleep campaign is named for its recommendation to place healthy babies on their backs to sleep. Placing babies on their backs to sleep reduces the risk of Sudden Infant Death Syndrome (SIDS). Originally recommended by the American Academy of Pediatrics in 1992, the Back to Sleep national public education campaign began in 1994. Since that time, there has been a dramatic decrease in SIDS cases nationwide.

The new national Safe to Sleep[®] campaign, formerly known as the Back to Sleep campaign, has helped educate millions of caregivers about ways to reduce the risk of SIDS and other sleep-related causes of infant death. The campaign builds on the successes of Back to Sleep to address SIDS and other sleep-related causes of infant death and to continue spreading safe sleep messages to members of all communities. These recommendations include sleeping alone and in a crib. Since the start of the campaign, SIDS rates in the United States have decreased by almost 50%, both overall and within various racial/ethnic groups.

Appendix B provides data on SIDS and sleep-related deaths in Tennessee from 2005 to 2010.

Understanding Child Protective Services (CPS) and Abuse and Neglect Cases

The Department of Children's Services responds to over 37,000 reports of child abuse and neglect a year. Every day, more than 100 children are reported abused or neglected in Tennessee. The Child Protective Services (CPS) division strives to protect children whose lives or health are seriously jeopardized because of abusive acts or negligence. The division also supports the preservation of families. According to Tennessee law, all persons (including doctors, mental health professionals, child care providers, dentists, family members, and friends) must report suspected cases of child abuse or neglect to either the Department of Children's Services, the juvenile court judge of jurisdiction, or the county sheriff. Failure to report a suspected case is a violation of the law. Each year, the Tennessee Child Protective Services staff conducts over 30,000 child abuse and neglect investigations affecting more than 40,000 children. These investigations are conducted to determine the condition of the children, to assess their safety, to evaluate their risk of any future harm, and to plan for their well-being.

Department practices risk-oriented case management and considers the following issues:

- investigating referrals of child abuse or neglect
- identifying the risks that contributed to the abuse or neglect
- delivering appropriate services to reduce risks
- evaluating the success of the intervention
- continuing services, if necessary
- · closing the case or reuniting the child/children and family

Appendix C provides additional information on Child Protective Services including **24-hour contact information for reporting abuse and neglect**.

Understanding Child Fatality Review (CFR) Teams

The Child Fatality Review and Prevention Act of 1995 established a statewide network of child fatality review teams. These multidiscipline, multiagency teams have been established in the 31 judicial districts in Tennessee to review all deaths of children 17 years of age or younger. The purpose of the Child Fatality Review teams is to promote an understanding of the causes of childhood deaths, identify deficiencies in the delivery of services to children and families, and make and carry out recommendations that will prevent future child deaths.

The state Child Fatality Review team reviews reports from local teams, analyzes statistics of the incidence and causes of child deaths, and makes recommendations to the governor and General Assembly to promote the safety and well-being of children.

Tennessee is part of a national movement to identify why children are dying and what preventive measures can be taken.

Law enforcement investigators who fill out the SUIDI form completely and accurately play an important role in helping the Medical Examiner's Office and Child Fatality Review teams confirm or determine the actual cause of a child's death.

Appendix C provides Child Fatality Review team information, a copy of the current CFR data collection form, and fatality review judicial districts.

How to Respond to an Unexpected Child Death Scene

When responding to the scene of an unexpected infant or child death, it is important to maintain non judgmental, compassionate interaction with families and caregivers. If resources allow, it may be helpful to make an additional health care provider or professional available to support and assist the family in gathering items for the trip to the hospital. Calling on clergy or other community support persons for this may require that someone stay behind at the scene until additional resources arrive.

Key on-scene actions include

- 1. observing the scene for the position of the child when first responders arrive;
- 2. noting on the baby the presence of any markings, color changes, or bleeding as well as the color and consistency of other body fluids;
- 3. recording the presence of any objects in close proximity that may have been involved in the scene;
- 4. noting the behavior of persons present; and
- 5. documenting all observations and interactions with the family or caregiver in a factual, objective manner, while keeping in mind that all written documentation may be collected as evidence in the investigation.

Some families may want to be in the room during resuscitation efforts. However, their presence can transform a focused, technical environment into a highly emotional one. Remember that the health care provider's first responsibility is to the child patient. Many elements need to be in place so that a family's presence during resuscitation does not jeopardize patient care, including

- 1. available staff to stay with the family to explain and continually assess the family members' ability to withstand this additional trauma;
- 2. a controlled environment, relatively free of chaos; and
- 3. continued assessment of the appropriateness of the presence of family members and a willingness to remove them if the situation requires it (Minnesota Sudden Infant Death Center, 2003).

Compassionate Interaction

Compassionate interaction is crucial in a death scene investigation. A parent or caregiver's immediate reaction to a child's death may be shock, denial, disbelief, or a sense of numbness or unreality. These are completely normal and cushion the impact of the loss until the parents are ready to face the devastating reality of their child's death. Although grief is a normal process and not an illness, often it is helpful for those who are grieving to share what they are feeling with someone outside the family. Doctors, social workers, and other counselors, nurses, and clergy can all be sympathetic. Demonstrating concern for the family/caregiver is helpful, but health care providers must be careful not to place the family/caregiver in a position of having to console the provider or first responder. Tears are acceptable as long as the provider is still able to function and does not seek comfort from the bereaved. Allow the family members to react in their own manner without trying to control their behavior. The grieving process is unique to each individual and to each culture. The variety of reactions should be respected as long as family members do not pose a danger to themselves or to others. Appendix B provides additional information on SIDS and grief. Appendix D and the Bereavement Support Services booklet offer local and national support and information resources.

Prevention Through Understanding: Investigating Unexpected Child Death

Prevention Through Understanding: Investigating Unexpected Child Death

Conducting an Infant or Child Death Scene Investigation

Child death investigation is different than many other types of investigations. It involves a combination of witness interviews, unique types of scene evidence, and medical evidence. A thorough investigation is a team effort. All first responders have a duty to perform resuscitation efforts or seek medical help, secure the scene, identify potential witnesses, and determine what, if any, evidence needs to be preserved. Law enforcement personnel typically conduct the actual death scene investigation; other first responder professionals are witnessess to the scene. It is important to remember that in most cases the death is due to natural or accidental causes. Parents will be in shock and may blame themselves for the death of their child. You are initially there to interview, not interrogate. Approach the scene with compassion and concern.

The Centers for Disease Control and Prevention's Infant Death Scene Investigation: Guidelines for the Scene Investigator publication included in this kit gives guidelines for conducting a reenactment scene with dolls. By ensuring photographic documentation of the infant at the scene, a permanent record of the body is created, and the infant's terminal position, appearance, and any external trauma is included in this documentation. As explained in the publication, when the infant's body has been moved, doll reenactments allow for the visualization and documentation of the discovered position as well as for the initial placed position. Please reference page 17 of the CDC publication for additional guidelines on doll reenactments.

Completing and Submitting the SUIDI Form

The Sudden Unexplained Infant/Child Death Investigation (SUIDI) form is provided on the following pages. It was developed by the Centers for Disease Control and Prevention and is endorsed by the Tennessee Medical Examiner's Office. The information solicited on the SUIDI form is required for all unexplained infant and child deaths under 18 years of age, particularly the SUIDI Top 25.

Law enforcement personnel will conduct the investigation at the request of the county medical examiner. Law enforcement personnel assigned to the investigation will complete the SUIDI form and submit it to the county medical examiner; a copy shall be provided to the child death pathologist assigned to conduct the autopsy.

The SUIDI Top 25 is listed below. A copy of the complete SUIDI form begins on the following page. Guidelines titled "How to Use SUIDI Reporting Forms" appear after the form. These pages may be copied as needed. For more information and for electronic versions of the SUIDI form and guide, please go to www.cdc.gov/sids.

SUIDI Top 25

Forensic pathologists consider the following information critical to the determination of the cause and manner of death with regard to the investigation of sudden, unexplained child death. The following scene/case information should be collected and provided to the forensic pathologist BEFORE the performance of the forensic autopsy:

- 1. Case information
- 2. Evidence of asphyxia
- 3. Sharing sleep surfaces
- 4. Change in sleep conditions
- 5. Evidence of hyperthermia/hypothermia
- 6. Environmental scene hazards
- 7. Unsafe sleeping conditions
- 8. Diet or recent change in diet
- 9. Recent hospitalizations
- 10. Previous medical diagnosis
- 11. History of acute life threatening events
- 12. History of medical care without diagnosis
- 13. Recent fall or other injury
- 14. History of religious, cultural, or ethnic remedies 25. Pathologist contact information

- 15. COD due to natural causes other than SIDS
- 16. Prior sibling deaths
- 17. Previous encounters with police or social service agencies
- 18. Request for tissue or organ donation
- 19. Objection to autopsy
- 20. Pre-terminal resuscitative treatment
- 21. Death due to trauma (injury), poisoning, or intoxication
- 22. Suspicious circumstances
- 23. Other alerts for pathologist's attention
- 24. Description of the circumstances surrounding the death



Sudden Unexpected Infant Death Investigation Reporting Form

For use during the investigation of infant (under 1 year of age) deaths that are sudden, unexpected, and unexplained prior to investigation.

IN	IFANT DEMOGRAPHICS		
1.	Infant information. Full name:	ſ	Date of birth: (mm/dd/yyyy)
	Age: SS#:	Case number:	
	Primary residence address:		
	City:	State:	Zip:
	Race: White Black/African Am. Sex: Male Female	◯ Asian/Pacific Islander	Native OHispanic/Latino Other
Ρ	REGNANCY HISTORY		
1.	Birth mother information. 🗌 Unavailable	Full name:	
	Maiden name:	Date of birth: (mm/dd/yyyy)	SS#:
	Current address:		
	Same as infant's primary residence addre	ess above City:	
	State:	Zip: Email address:	
2.	How long has the birth mother been at this ad	Idress? Years: Months:	Days:
3.	Previous address(es) (cities/counties/states) in the	ie past 5 years:	
4.	Did the birth mother receive prenatal care?	🔿 Yes 🔿 No 🔿 Unknown	
	If yes: At how many weeks or months did prer	natal care begin? Weeks Mont	ths
	How many prenatal care visits were co	mpleted?	
5.	Where did the birth mother receive prenatal c	are? Physician/Provider:	
	Hospital or Clinic:		Phone:
	Address:		
	City:	State:	Zip:
6.	Did the birth mother have any complications, (e.g., high blood pressure, bleeding, gestational diabo If yes, describe:	medical conditions, or injuries during her pregnanc etes, fall, or accident)	cy? OYes ONo OUnknown

CS310043

1

PREGNANCY HISTORY, continued

7. During her pregnancy, did the birth mother use any of the following?

Substance	Use	Specify Type	Frequency
Over the counter medications	⊖Yes ⊖No ⊖Unknown		
Prescribed medications	○Yes ○No ○Unknown		
Herbal remedies	◯Yes ◯No ◯Unknown		
Alcohol	◯Yes ◯No ◯Unknown		
Illicit drugs (e.g., heroin)	○Yes ○No ○Unknown		
Tobacco (e.g., cigarettes or e-cigarettes)	○Yes ○No ○Unknown		
Other	⊖Yes ⊖No ⊖Unknown		

INFANT HISTORY

If yes, describe:

- 1. Source of infant medical history information. (check all that apply)

 Doctor
 Other health care provider

 Medical record
 Parent or primary caregiver

 Other family member
 - Other, specify:
- 2. Were there any complications during delivery or at birth? (e.g., emergency C-section, or infant needed oxygen)

○Yes ○No ○Unknown *If yes*, describe:

- 3. Did the infant have abnormal newborn screening results? \bigcirc Yes \bigcirc No \bigcirc Unknown
- 4. Infant's length at birth: \bigcirc IN \bigcirc CM
- 5. Infant's weight at birth: OLBS and OZ OGM
- 6. Compared to the due date, when was the infant born?
 - Carly (before 37 weeks) Late (after 41 weeks) On time How many weeks? Infant's due date: (mm/dd/yyyy)

7. Was the infant a singleton or multiple birth? O Singleton O Twin O Triplet O Quadruplet or higher

8. Was the infant born with Neonatal Abstinence Syndrome (NAS)? (NAS is a drug withdrawal syndrome in newborns exposed to substances, like opioids, before birth) OYes ON OUnknown

If yes, did the infant need pharmacologic treatment? OYes ONO Unknown

9. Fill out the contact information for the infant's regular pediatrician and birth hospital.

Item	Regular Pediatrician	Birth Hospital
Date	Of last visit:	Of discharge:
Name of hospital or clinic		
Address		
Phone number		

Sudden Unexpected Infant Death Investigation Reporting Form • SUIDIRF 2020

INFANT HISTORY, continued

10. Describe the two most recent times the infant was seen by a health care provider.

(include ER and clinic visits, hospital admissions, observational stays, regular pediatrician, and phone calls)

Visit type	1 st most recent visit	2 nd most recent visit
Reason for visit		
Action taken		
Date		
Physician's name		
Hospital or clinic		
Address		
Phone number		

11. Did the infant have any of the following?

Symptom	Within 72 hrs of incident	
Fever	◯ Yes ◯ No ◯ Unknown	
Cough	◯ Yes ◯ No ◯ Unknown	
Diarrhea	◯ Yes ◯ No ◯ Unknown	
Excessive sweating	◯ Yes ◯ No ◯ Unknown	
Stool changes	◯ Yes ◯ No ◯ Unknown	
Lethargy or sleeping more than usual	◯ Yes ◯ No ◯ Unknown	
Difficulty breathing	◯ Yes ◯ No ◯ Unknown	
Fussiness or excessive crying	◯ Yes ◯ No ◯ Unknown	
Exposure to anyone who was sick (e.g., at home or at daycare)	◯ Yes ◯ No ◯ Unknown	
Decrease in appetite	◯ Yes ◯ No ◯ Unknown	
Falls or injuries	◯ Yes ◯ No ◯ Unknown	
Other, specify:	⊖Yes ⊖No ⊖Unknown	
Symptom	Within 72 hrs of incident	At any time
Allergies or allergic reactions (food, medication, or other)	◯ Yes ◯ No ◯ Unknown	⊖Yes ⊖No ⊂

Other, specify:	⊖Yes	() No	 Unknown 			
Symptom	Withi	n 72 hrs	of incident		At any t	time
Allergies or allergic reactions (food, medication, or other)	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Abnormal growth, weight gain, or weight loss	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Apnea (stopped breathing)	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Cyanosis (turned blue or gray)	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Seizures or convulsions	⊖Yes	◯No	OUnknown	⊖ Yes	() No	OUnknown
Cardiac (heart) abnormalities	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Colic (frequent prolonged crying/chronic inconsolable fussiness)	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Feeding issues (e.g., reflux)	⊖Yes	⊖No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Vomiting	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Choking	⊖Yes	◯No	OUnknown	⊖ Yes	\bigcirc No	OUnknown
Other, specify:	⊖Yes	\bigcirc No	OUnknown	⊖ Yes	\bigcirc No	OUnknown

If yes to any of the above, describe:

INFANT HISTORY, con	tinued				
•	to second hand smoke? (environmental tob	,	OUnknown		
-	en? () Frequently (several times a week)	Occasionally (several times a n	, 0		
	s before death, was the infant given any v lications, over-the-counter medications)	vaccinations or medications? (inclu	ide any home remedies, i	herbal medication	S,
Vaccine or me	dication name Last given giv	ate Approx. /en time given	Reasons given o	r comments	
14. Was the infant	last placed to sleep with a bottle?)Yes ONo OUnknown			
<i>If yes</i> , was the	bottle propped? (object used to hold bottle v		o 🔿 Unknown		
<i>If yes</i> : Wha	t object propped the bottle?				
Coul	Id the infant hold the bottle? \bigcirc Yes \bigcirc)No ()Unknown			
15. Who was the la	ast person to feed the infant? (name and fa	amilial relationship to infant)			
16. Did the death	occur during feeding? OBreastfeeding	ng OBottle-feeding O	Eating solids ON	ot during feedir	ng
17. Was the infant	ever breastfed? \bigcirc Yes \bigcirc No \bigcirc	Unknown <i>If yes</i> , for how	w many months?		
18. What did the in	nfant consume in the 24 hours prior to de	ath?			
Consumed?	lf yes, describe	If yes, newly introduced?	If yes, was this the last thing consumed prior to incident?	lf last fed, indicate quantity	If last fed, indicate date and time?
		If yes, newly	the last thing consumed	indicate	indicate date
Consumed?		If yes, newly introduced?	the last thing consumed prior to incident?	indicate	indicate date
Consumed?		If yes, newly introduced?	the last thing consumed prior to incident?	indicate	indicate date
Consumed?		If yes, newly introduced?	the last thing consumed prior to incident? Yes No Yes No	indicate	indicate date
Consumed?		If yes, newly introduced? Yes No Yes No Yes No Yes No Yes No Yes No Unknown Unknown Yes No Unknown Unknown	the last thing consumed prior to incident? Yes No Yes No Yes No Yes No	indicate	indicate date

19. Among the infant's blood relatives *(siblings, parents, grandparents, aunts, uncles, or first cousins)* was there any... Sudden or unexpected death before the age of 50? Yes No Unknown

Heart disease? (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, or catecholaminergic polymorphic ventricular tachycardia) \bigcirc Yes \bigcirc No \bigcirc Unknown

4

If yes to either, describe: (include relation to infant)

Sudden Unexpected Infant Death Investigation Reporting Form • SUIDIRF 2020

IN	FANT HISTORY, continued
20). Did the infant have any birth defect(s)? \bigcirc Yes \bigcirc No \bigcirc Unknown
	If yes, describe:
21	I. Was the infant able to roll over on his or her own? (check all that apply) 🗌 Front to back 🔲 Back to front
22	2. Indicate the infant's ability to lift or hold his or her head up. \bigcirc Unable \bigcirc 1 second \bigcirc 5 seconds \bigcirc >10 seconds \bigcirc Unknown
23	3. Was the infant meeting or not meeting growth and developmental milestones? (e.g., sitting up, crawling, rolling over, or feeding well. Include if the caregiver, supervisor, or medical professional had any concerns.)
24	1. Is there anything else that may have affected the infant that has not yet been documented? (e.g., exposed to fumes, infant unusually heavy, placed with positional support or wedge, or international travel)
IN	ICIDENT SCENE INVESTIGATION
1.	Incident scene (place infant found unresponsive or dead). Type of location? (e.g., primary residence, daycare, or grandmother's house)
	Address: City:
	State: Zip:
2.	Was the infant in a new or different environment? (not part of the infant's normal routine) \bigcirc Yes \bigcirc No \bigcirc Unknown <i>If yes</i> , describe:
3.	Did the death occur at a daycare? Yes No Unknown <i>If yes</i> : How many children younger than 18 years of age were under the care of the provider at the time of the incident? <i>(including their own children)</i>
	How many adults aged 18 years or older were supervising the child(ren)?
	How long has the daycare been open for business?
	Is the daycare licensed? \bigcirc Yes \bigcirc No \bigcirc Unknown
	If yes: License number? Licensing agency?
4.	How many people live at the incident scene? Children (younger than 18 years) Adults (18 years or older)
5.	What kind of heating or cooling sources were being used at the incident scene? (e.g., A/C window unit, wood-burning fireplace, or open window)
6.	Was there a working carbon monoxide (CO) alarm at the incident scene? O Yes O No O Unknown
7.	Indicate the temperature of the room where the infant was found unresponsive, and the surrounding area. (fill in temperatures)Thermostat setting:Thermostat reading:Incident room:Outside:Time of reading:
8.	Which of these devices were operating in the room where the infant was found unresponsive? (check all that apply) Fan Apnea monitor Humidifier Vaporizer Air purifier None Unknown Other, specify:
9.	What was the source of drinking water at the incident scene? (check all that apply) Public or municipal water Bottled water Well water Unknown Other, specify:

Sudden Unexpected Infant Death Investigation Reporting Form • SUIDIRF 2020

INIC				
INC	CIDENT SCENE INVESTIGATION, continued			
11	 Which of the following were present at Insects Mold growth Presence of alcohol containers Odors or fumes, describe: Presence of prescription drugs, describe: Presence of illicit drugs or drug pa Other, describe: Describe the general appearance of in Is there anything else that may have at domestic violence, or child abuse or neglect 	Smokey smell Pets Scribe: Rodents or vermin None scribe: raphernalia, describe: cident scene. (e.g., cleanliness, hazards,	Dampness Peeling paint	Uisible standing water
IN	CIDENT CIRCUMSTANCES			
1.	Who was the usual caregiver(s)? (name(s	s) and familial relationship to infant)		
2.	Who was the caregiver(s) at the time of	the incident? (name(s) and familial rela	tionship to infant)	
3.	Who found the infant unresponsive? (If a	aregiver is same as birth mother Skip que	estion #3)	
	i un name.			
	Address:		City:	
		Zip:	City: Date of birth:	
	Address:	-	-	
	Address: State:	-	Date of birth:	
	Address: State: Email address:		Date of birth: Phone number:	
4.	Address: State: Email address: Work address:	mother, grandfather, or adoptive or foster	Date of birth: Phone number:	
4.	Address: State: Email address: Work address: Familial relationship to infant? <i>(e.g., birth</i>	mother, grandfather, or adoptive or foster	Date of birth: Phone number:	
	Address: State: Email address: Work address: Familial relationship to infant? <i>(e.g., birth</i>	mother, grandfather, or adoptive or foster about how the infant was found)	Date of birth: Phone number: • parent)	
5.	Address: State: Email address: Work address: Familial relationship to infant? (e.g., birth Describe what happened. (include details Was there anything different about the i	nother, grandfather, or adoptive or foster about how the infant was found) nfant in the last 24 hours? Ye nt room? Hot Cold T	Date of birth: Phone number: parent) s ONO Unknown Normal Other fes ON OUnknown	

INCIDENT CIRCUMSTA	NCES, continued								
8. Where was the i	nfant (P)laced be	fore death, (l	_)ast known a	live, (F)ound	l, and (U)sually	/ placed? (w	rite P, L, F, o	r U, leave blank if none)	
Crib		Portable C	rib	Waterbed		Stroller		Playpen/play area (not portable c	rib)
Bassine		Sofa/couc	h	Swing		Futon		Bouncy chair	
Bedside	sleeper	Chair		Baby box		Floor		Rocking sleeper	
Car sea	t	Unknown		Held in pe	rson's arms			In-bed sleeper	
Other, s	pecify:								
Adult be	ed — <i>If yes</i> , what	type? C	Twin OF	-ull 🔿	Queen 🔿 K	(ing 🔾 U	nknown		
		0	Other, specify	<i>ı</i> :					
9. Describe the co	ndition and firmn	ess of the su	rface where t	he infant w	as found.				
10. Was the infant	wrapped or swad	ldled? OY	es 🔿 No	OUnkn					
-	e the arm position		s free and out	() Arms	in () On	e arm in an	d one arm	out	
Describ	e swaddle. (include	e blanket type	and tightness)						
11. What was the i	nfant wearing? (e	.g., t-shirt or c	lisposable diape	er)					
12. What was the i				⊖ Bac	0.00) Side	O Unknown	
13. Describe the c	rcumstances of i	nfant when I		caregiver, l	1			Found	
Date			Placed		Last	known aliv	e	Found	
Time									
Location <i>(e.g., living</i>	room or bedroom)								
Position (e.g., sitting side, or unknown)	n, back, stomach,								
Face position <i>(e.g., or unknown)</i>	down, up, left, right	,							
Neck position (e.g., head back, hyperext chest, neutral, or turn	ended or chin to								

14. Was the infant's airway obstructed by a person or object when found? (includes obstruction of the mouth or nose, or compression of the neck or chest)

◯ Unobstructed	\bigcirc Fully obstructed	\bigcirc Partially obstructed	() Unknown			
<i>If fully or partially,</i> wh	at was obstructed or com	pressed? (check all that apply)	Nose	Mouth	Chest	Neck

INCIDENT CIRCUMSTANCES, continued

15. Indicate the items present in the sleep environment and their positional relation to the infant when the infant was found.

Item		Presen	ıt?	lf yes,	position	in relation	to infant?	the in		ct obstruct outh, nose, neck?
Adult(s) (18 years or older)	⊖Yes	⊖No	OUnknown	⊖0ver	OUnder	\bigcirc Next to	OUnknown	⊖Yes	⊖No	OUnknown
Other child(ren) (younger than 18 years)	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Animal(s)	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Mattress	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Comforter, quilt or other	OYes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	◯No	OUnknown
Fitted sheet	⊖Yes	◯No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Thin blanket	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Pillow(s)	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	◯No	OUnknown
Cushion	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Nursing or u-shaped pillow	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Sleep positioner (wedge)	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Bumper pads	OYes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Clothing (not on a person)	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Crib railing or side	⊖Yes	⊖No	OUnknown	⊖0ver	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Wall	⊖Yes	⊖No	OUnknown	⊖0ver	OUnder	○ Next to	OUnknown	⊖Yes	◯No	OUnknown
Toy(s)	⊖Yes	⊖No	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	⊖No	OUnknown
Other, specify:	⊖Yes	ONo	OUnknown	Over	OUnder	○ Next to	OUnknown	⊖Yes	◯No	OUnknown

If yes to adult(s) or child(ren) sharing sleep surface with the infant, complete table below.

Name of individual(s) sharing sleep surface with infant	Relationship to infant	Age	Height	Weight	-	oaired l or alco	oy drugs bhol?	Fell as	leep feed	ling infant?
					⊖Yes	⊖No	OUnknown	⊖Yes	⊖No	OUnknown
					⊖Yes	ONo	OUnknown	⊖Yes	⊖No	OUnknown
					⊖Yes	⊖No	OUnknown	⊖Yes	⊖No	OUnknown

8

If yes to impaired, describe:

16. Were there any secretions present at the scene? \bigcirc Yes \bigcirc No	🔾 Unknown
--	-----------

If yes, describe: (include where they were found)

17. Was there evidence of wedging? (wedging is an obstruction of the nose or mouth, or compression of the neck or chest as a result of being stuck or trapped between inanimate objects) Yes No Unknown

If yes, describe:

18. Was there evidence of overlay? (overlay is an obstruction of the nose or mouth, or compression of the neck or chest as a result of a person rolling on top of or against an infant) Yes No Unknown

If yes, describe:

19.	Was the infant breathing when found?	⊖Yes	\bigcirc No \bigcirc	Unknown	
	If no, did anyone witness the infant stop	breathing?	⊖Ye	s 🔿 No	OUnknown

Sudden Unexpected Infant Death Investigation Reporting Form • SUIDIRF 2020

INCIDENT CIRCUMSTANCES, continued

20. Describe the infant's appearance when found.	(indicate all that apply)	
Appearance	Present?	Describe and specify location
Discoloration around face, nose, or mouth	⊖Yes ⊖No ⊖Unknown	
Secretions or fluids (e.g., foam, froth, or urine)	⊖Yes ⊖No ⊖Unknown	
Skin discoloration (e.g., livor mortis, pale areas, darkness, or color changes)	◯Yes ◯No ◯Unknown	
Pressure marks (e.g., pale areas, or blanching)	⊖Yes ⊖No ⊖Unknown	
Rash or petechiae (e.g., small, red blood spots on skin, membrane, or eyes)	◯Yes ◯No ◯Unknown	
Marks on body (e.g., scratches or bruises)	⊖Yes ⊖No ⊖Unknown	
Other:	⊖Yes ⊖No ⊖Unknown	
☐ Other, specify: 22. Did EMS respond? ○Yes ○No ○L	to touch 🗌 Limp/flexible	Rigid/stiff Unknown
 If yes, was the infant transported? Yes 23. Was resuscitation attempted? Yes If yes: By whom? (e.g., EMS, bystander, or parent) 	0 0	
Date: (mm/dd/yyyy)TinWas rescue breathing done?\Overline{Yes}	ne: O No O Unknown	Type of compression? <i>(check all that apply)</i>
The following questions refer to the caregiver(s)	at the time of death.	

24. Has the caregiver ever had a child under their care die suddenly and unexpectedly? *If yes*, explain: (include familial relationship of child and infant, and cause of death)

⊖Yes ⊖No ⊖Unknown

25. Were the infant and caregiver in the same room at the time of the incident, but not sharing the same sleep surface?

 \bigcirc Yes \bigcirc No \bigcirc Unknown \bigcirc N/A - sharing a sleep surface

26.	Was t	he infant	's caregiver	using any o	of the fo	lowing di	uring th	e incident?	(indicate all that apply)
-----	-------	-----------	--------------	-------------	-----------	-----------	----------	-------------	---------------------------

Substance	Caregiver used?	Frequency
Over the counter medications	⊖Yes ⊖No ⊖Unknown	
Prescription medications	⊖Yes ⊖No ⊖Unknown	
Opioids	⊖Yes ⊖No ⊖Unknown	
Tobacco, specify: (e.g., cigarettes or e-cigarettes)	⊖Yes ⊖No ⊖Unknown	
Alcohol	⊖Yes ⊖No ⊖Unknown	
Herbal remedies	⊖Yes ⊖No ⊖Unknown	
Other, specify:	⊖Yes ⊖No ⊖Unknown	

Was the infant's caregiver asked to consent to blood or urine for drug/alcohol testing? \bigcirc Yes \bigcirc No \bigcirc Unknown *If yes*, what were the results?

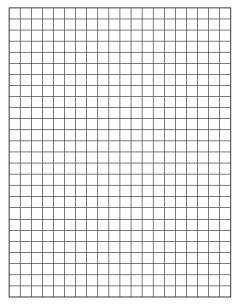
Sudden Unexpected Infant Death Investigation Reporting Form • SUIDIRF 2020

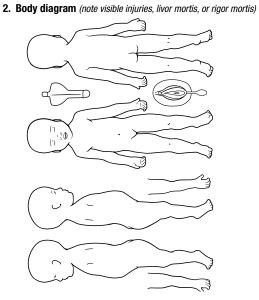
INVESTIGATION SUMMARY

 Arrival dates and time 	es.	
Person(s) involved	Hospital	Incident scene
Infant		N/A
Law enforcement		
Death investigator		
		ctive services nforcement, specify:
3. Indicate when the fo	rm was completed. Date: (mm/dd/yyyy)	Time:
	son was interviewed, does the information provided diffe erences or inconsistencies of relevant information. <i>(e.g., µ</i>	0 0 0
Materials collecte	performed. (check all that apply) Additional scene(s) (for ed or evidence logged Next of kin notified [giver(s) interviewed	attached) conducted Photos or video taken 911 tape obtained EMS run sheet or report obtained
 6. Was the family offere 7. Was a doll scene ree <i>If no</i>, why? 		known n
<i>If yes</i> : How was it do	ocumented? (check all that apply) 🗌 Photographed 🗌 V	ideoed Other, specify:
Where was it	performed? Olncident scene OHospital OOther, sp	ecify:
Were photos	rios given during the doll reenactment(s) match what was	known

INVESTIGATION DIAGRAMS

1. Scene diagram (illustrate the infant's sleep environment)





3. Scene and doll reenactment photos (include with form)

SUMMARY FOR PATHOLOGIST

1.	Investigator information.	Name:		Agency:
	Phone:	Email address	:	
2.	Indicate when the investiga	ation took place.	Date: mm/dd/yyyy)	Time:
3.	Indicate when the infant wa	as pronounced dead.	Date: (mm/dd/yyyy)	Time:
4.	Indicate when it is estimate	ed the infant died.	Date: (mm/dd/yyyy)	Time:

5. Location of death: (e.g., home or hospital)

6. Data sources consulted to complete this form. *(check all that apply)* Infant medical records Birth records Prenatal records Witness interview Photos/videos from caregivers demonstrating injuries, developmental milestone, or medical concerns

Other, specify:

7. Indicate whether preliminary investigation suggests any of the following. (indicate all that apply)

Sleeping Environment	Yes	No
Asphyxia (e.g., evidence of overlying, wedging, choking, nose or mouth obstruction, re-breathing, neck or chest compression, or immersion in water)	0	0
Sharing of sleep surface with adults, children, or pets	0	0
Change in sleep condition (e.g., unaccustomed stomach sleep position, location, or sleep surface)	0	0
Hyperthermia or hypothermia (e.g., excessive wrapping, blankets, clothing, or hot or cold environments)	0	0
Environmental hazards (e.g., carbon monoxide, noxious gases, chemicals, drugs, or devices)	0	0
Unsafe sleep condition (e.g., non-supine, couch, adult bed, stuffed toys, pillows, or soft bedding)	0	0
Infant History	Yes	No
Diet (e.g., solids introduced)		0
Recent hospitalization	0	0
Previous medical diagnosis	0	0
History of acute life threatening events (e.g., apnea, seizures, or difficulty breathing)	0	0
History of medical care without diagnosis	0	0
Recent fall or other injury	0	0
History of religious, cultural or alternative remedies	0	0
Cause of death due to natural causes other than SIDS (e.g., birth defects or complications of preterm birth)		
Cause of death due to natural causes other than SIDS <i>(e.g., birth defects or complications of preterm birth)</i> Family Information	Yes	No
	Yes	No
Family Information		No ○
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g.,	0	○ No ○ ○ ○
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins)	0	0
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins) Previous encounters with police or social service agencies	0 0 0	0
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins) Previous encounters with police or social service agencies Request for tissue or organ donation	0 0 0	0
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins) Previous encounters with police or social service agencies Request for tissue or organ donation Objection to autopsy	0 0 0 0	0 0 0 0
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins) Previous encounters with police or social service agencies Request for tissue or organ donation Objection to autopsy Exam	0 0 0 0	0 0 0 0
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins) Previous encounters with police or social service agencies Request for tissue or organ donation Objection to autopsy Exam Preterminal resuscitative treatment	0 0 0 0	0 0 0 0
Family Information Prior sibling deaths Sudden or unexpected death before the age of 50 or heart disease (e.g., cardiomyopathy, Marfan or Brugada syndrome, long or short QT syndrome, catecholaminergic polymorphic ventricular tachycardia) among the infant's blood relatives (e.g., siblings, parents, grandparents, aunts, uncles, or first cousins) Previous encounters with police or social service agencies Request for tissue or organ donation Objection to autopsy Exam Preterminal resuscitative treatment Signs of trauma or injury, poisoning, or intoxication	0 0 0 0 7 6 5 0 0	 ○ ○ ○ ○ ○ ○ ○ ○ ○

SUMMARY FOR PATHOLOGIST, continued

If yes to any of the above, explain in detail: (description of circumstances)

8. Medical examiner or pathologist information.

Name:

Agency:

Phone: Fax:

Email address:

Visit <u>https://www.cdc.gov/sids/SUIDRF.htm</u> for Additional Investigative Scene Forms of Body Diagram, EMS Interview, Hospital Interview, Immunization Record, Infant Exposure History, Informant Contact, Law Enforcement Interview, Materials Collection Log, Non Professional Responder Interview, Parental Information, Primary Residence Investigation, and Scene Diagram.

Sudden Unexpected Infant Death Investigation Reporting Form • SUIDIRF 2020

How to Use the Sudden Unexpected Infant Death Investigation Reporting Form

Sudden Unexpected Infant Death Investigation (SUIDI) Reporting Form: A Guide for Investigators

The SUIDI Reporting Form is a guide for all investigators of infant deaths. The form is designed to facilitate the collection of information in a consistent and sensitive manner. <u>Training materials</u> on how to complete the form are available.

Importance of the Reporting Form

- Contains key questions that medical examiners should ask before an autopsy is done.
- · Guides investigators through the steps involved in an investigation.
- Improves classification of SIDS and other SUIDs by standardizing data collection.
- Produces information that researchers can use to recognize new health threats and risk factors for infant death so that future deaths can be prevented.

Improvements in the SUIDI Reporting Form

- · Changed the U from unexplained to unexpected at request of the National Association of Medical Examiners.
- · Reduced redundancy and streamlined existing questions.
- Color coded sections for ease.
- · Clarified with instructions and definitions.
- · Reordered and retitled sections.
- Updated existing questions.
- Added questions.
- Revised <u>Supplemental form</u> for collecting information about contacts and evidence are available for jurisdictions to consider using if equivalents are not available.

Filling out the SUIDI Reporting Form

This reporting form is designed as a questionnaire that can be read to the person being interviewed, or used to guide a more free flowing conversation. Questions can be answered by placing an "X" in the corresponding checkbox or filling in the blank provided. The 12-page form is divided into eight sections, described below.

Infant Demographics

This section is filled out first by the person (e.g., coroner, death scene investigator, law enforcement, or medical examiner) investigating the circumstances of the infant death. Some terms to note:

- SS#. Social security number.
- Case number. Jurisdictional or office internal case number.
- Primary residence. Place where the infant lived at time of their death.

Pregnancy History

This section is filled out by the person interviewing/consulting the biological mother, or someone who knows her and her history well (e.g., health care provider, medical record, or maternal grandmother).

Infant History

This section is filled out by the person investigating the infant death. Additional information may be obtained from the infant's health care provider, medical record, or another caregiver.

Incident Scene Investigation

This section is filled out by the person investigating the infant death.



U.S. Department of Health and Human Services Centers for Disease Control and Prevention

How to Use the SUIDI Reporting Form • SUIDIRF 2020

1

CS310043_D

Incident Circumstances

This section is filled out by the person interviewing the witness(es). This should be a careful documentation of the scene including documentation of the infant's airway when found. It includes:

- Usual caregiver. Person who took care of the infant more than 50% of the time.
- Placed. When the infant was originally put to sleep
- Last known alive. Where and when the infant was last observed to be alive (e.g., last time parent heard the infant cry).
- Found. When the infant was discovered to be not breathing or breathing but in distress.

Investigation Summary

This section is filled out by the person doing the bulk of the investigation and summarizes everything done as part of the investigation.

Investigation Diagrams

This section is filled out by the person investigating the infant death, and includes a scene diagram and a body diagram. It should supplement, and not be used instead of, the doll reenactment.

The investigator should indicate the following on the scene diagram:

- North direction.
- · Windows and doors.
- Wall lengths and ceiling height.
- · Location of furniture including infant's bed or sleep surface.
- · Infant body location when found.
- · Position of other persons or animals found near infant.
- Location of heating and cooling devices.
- Location of other objects in room.

The investigator should indicate the following on the body diagram:

- Discoloration around face, nose, or mouth.
- · Secretions (drainage or discharge from anywhere on body).
- · Skin discoloration (livor mortis).
- Pressure mark areas (pale areas, blanching).
- · Rash or petechiae (small, red blood spots on skin, membranes or in eyes).
- · Marks on body (scratches or bruises).
- · Location of medical devices.
- Body temperature.

Summary for Pathologist

This section is filled out by the person investigating the infant death. This section summarizes all the information collected during the witness interview and investigation of the incident or death scene. Some terms to note:

- Asphyxia. Condition of severely deficient supply of oxygen to the body that can rapidly lead to unconsciousness and death (e.g., compression of infant's chest and/or neck due to wedging or a person lying on the infant, or obstruction of the nose and/or mouth).
- Hyperthermia. Life-threatening condition where core body temperature is abnormally high (e.g., above 40°C [104°F]).
- Hypothermia. Life-threatening condition where core body temperature falls below 35°C (95°F).
- Apnea. Condition where an infant stops breathing for a short period of time. Can occur in the delivery room or any time afterwards.

Section III–In-Service Forms

Workshop Post-Assessment

Please answer the following questions after completing the workshop.

- According to Tennessee law, which group or groups of first responders is/are required to receive training on cases of sudden, unexpected infant and child death?
 a. EMS
 - b. Police
 - c. Firefighter
 - d. All of the above
- 2. Sudden infant death is the diagnosis given for the sudden death of an infant under one year of age that remains unexplained after a complete investigation. A complete investigation includes an examination of the death scene, an autopsy, and
 - a. A review of symptoms and illnesses the infant had before dying
 - b. A review of any other pertinent medical history
 - c. A Child Fatality Review team review
 - d. Answers a and b
- 3. Who is responsible for conducting the death scene investigation?
 - a. EMS, by request of the county medical examiner
 - b. Typically law enforcement, by request of the county medical examiner
 - c. The state medical examiner
 - d. None of the above
- 4. SIDS is the major cause of death in infants between
 - a. 2 months and 4 months of age
 - b. 1 month and 1 year of age
 - c. 1 month and 6 months of age
 - d. Newborn and 1 year of age
- 5. The Child Safety Division conducts investigations to
 - a. Determine the condition of a child
 - b. Evaluate the risk of any future harm
 - c. Plan for a child's well-being
 - d. All of the above
- 6. A diagnosis of exclusion means
 - a. No autopsy was performed for religious reasons
 - b. A cause of death could not be determined
 - c. After an autopsy, an examination of the death scene, and review of the clinical history, all causes of undiagnosed natural death are ruled out
 - d. After an autopsy and scene review, the medical examiner withheld the findings
- 7. The following are all risk factors for SIDS except
 - a. Placing a baby to sleep on his/her stomach
 - b. Exposing a baby to smoke
 - c. Having a previous SIDS death in the family
 - d. Placing a baby to sleep on a soft sleep surface
- 8. The following are all protective factors for SIDS except
 - a. Breastfeeding
 - b. Co-sleeping
 - c. Sleeping alone on a firm mattress
 - d. Keeping temperature regulated so baby doesn't get overheated
- 9. Placing children on soft, collapsible bedding is dangerous because of which of the following?
 - a. This sleep position causes SIDS.
 - b. This sleep position decreases children's ability to keep their airways open.
 - c. This sleep position allows children to fall into sleep apnea.

Prevention Through Understanding: Investigating Unexpected Child Death Prevention Through Understanding:

- Investigating Unexpected Child Death
- 10. The first responder's duties are to
 - a. Seek medical help
 - b. Secure the scene
 - c. Identify potential witnesses
 - d. Determine what, if any, evidence needs to be preserved
 - e. All of the above
- 11. Observing that a colleague's behavior has changed after an infant death scene call, you should first
 - a. Wait six months before intervening
 - b. Report your observations to the supervisor
 - c. Approach your colleague with your observations
 - d. Arrange for a post-traumatic stress debriefing intervention
- 12. The decision to not transport a child who has died is usually made by
 - a. The police on the scene
 - b. Medical direction
 - c. Standing orders
 - d. The coroner
 - e. The EMS health care providers
- 13. Identify which of the following are members of the local CFR teams.
 - a. Department of Health regional officer
 - b. Juvenile Court representative
 - c. Local law enforcement officer
 - d. All of the above
- 14. Identify which of the following statements may describe a grieving family member's behavior.
 - a. Strong feelings of guilt or anger
 - b. Unreasonable fears that they, or someone in their family, may be in danger
 - c. Being overprotective of surviving children and fearful about future children
 - d. All of the above
- 15. Taking time out during a SIDS call to talk privately with your partner about the family's behavior is
 - a. Necessary for potential court action
 - b. Helpful to calm the situation
 - c. Detrimental to patient care
 - d. None of the above
- 16. What is the maximum allowable cost, reimbursed to county governments, for conducting autopsies on children who have died suddenly and without apparent explanation?
 - a. \$1,500 per autopsy
 - b. \$1,250 per autopsy
 - c. There is no maximum allowable cost for reimbursement.
 - d. The state does not reimburse for autopsies in any amount.
- 17. What is the SUIDI Top 25?
 - a. Critical information needed when investigating a sudden unexplained infant death, in order for forensic pathologists to determine the cause and manner of death
 - b. The most crucial 25 questions on the SUIDI form that must be filled out by an investigator
 - c. The top 25 reasons why a baby might die suddenly and unexpectedly
- 18. Where in your materials can you find the SUIDI form, instructions for filling out the form, and the SUIDI Top 25?
 - a. At the end of Section II in the manual
 - b. In the Appendix of the manual
 - c. In the Guidelines for the Scene Investigator booklet
 - d. Answers a and c

Workshop Evaluation

Please complete this evaluation and turn it in to your instructor.

Providing this information will help improve future sessions.

115	tructor Name _				
Da	te				
Loc	ation/Building				
City	/		State	County	Zip _
ماد	aco apowor tho	following quarticity			
	ase answer the following questions. Check your affiliation				
•••	EMS		Law Enforc	ement 🗖 Other	
2.	How many hours a week do you work in a first responder role?				
	□ 0-3 hours	■ 4–8 hours	□ 9–19 hours	2 0–40 hours	■ 40+ hours
3.	How knowledgeable were you about Sudden Infant Death Syndrome before this workshop?				
	□ Not very	Somewhat	Fairly	Very	
4.	Before this workshop, how would you rate your comfort level when caring for pediatric patients?				
	Anxious	Comfortable	Very comfo	ortable	
5.	Before this workshop, how would you rate your comfort level when caring for families of pediatric patients?				
	Anxious	Anxious Comfortable Very comfortable			
6.	Has this workshop changed your attitude about responding to a sudden, unexpected infant or child death?				
	□ Yes □ No	D			
	Please describe:				

7. Do you have a family member or close friend who has suffered from a sudden unexplained child death?

🗖 Yes 🗖 No

- 8. On a scale of 1 to 4, where 1 is Strongly Disagree, 2 is Disagree, 3 is Agree, and 4 is Strongly Agree, please circle your responses to the statements below.
 - a) The objectives for this workshop were clearly presented. (1) (2) (3) (4)
 - b) I have learned new ideas and/or skills. (1) (2) (3) (4)
 - c) The video was easy to understand and held my interest. (1) (2) (3) (4)
 - d) The manual was easy to follow and a good reference. (1) (2) (3) (4)
 - e) I will use the SUIDI form and instructions if/when I have (1) (2) (3) (4) to investigate a sudden unexplained child death.
 - f) Overall, I was favorably impressed with the workshop. (1) (2) (3) (4)
- 9. What aspect(s) of the workshop did you find most helpful?

10. What aspect(s) of the workshop did you find least helpful?

11. Can you think of ways in which we can improve this program in the future?

Thank you for your input and consideration.

Instructor: Contact hour certificates will be mailed to trainers upon receipt of tracking and evaluation forms. Please send evaluation copies to Attn: Prevention Through Understanding, MTSU University College, MTSU Box 54, 1301 East Main Street, Murfreesboro, TN 37132, or fax to (615) 494-8777.

Appendix A

Rules of Tennessee Department of Health Maternal and Child Health

CHAPTER 1200-15-03

INVESTIGATIONS OF SUDDEN, UNEXPLAINED INFANT AND CHILD DEATHS

TABLE OF CONTENTS

1200-15-03-.01 Purpose 1200-15-03-.02 Definitions 1200-15-03-.03 Standards for Investigations 1200-15-03-.04 Reimbursement of County Governments

1200-15-03-.01 PURPOSE.

The purpose of this chapter is to establish minimum standards for conducting and completing an investigation, including an autopsy if deemed necessary, into sudden, unexplained infant and child deaths.

Authority: T.C.A. §§ 68-1-1101, 68-1-1102, and 68-1-1103. **Administrative History:** Original rule filed May 11, 2010; effective October 29, 2010; however on October 28, 2010 the Department of Health withdrew the rules. Original rule filed January 24, 2012; effective June 30, 2012.

1200-15-03-.02 DEFINITIONS.

For purposes of this chapter,

- (1) "Autopsy" means the post mortuam examination of a deceased infant or child by a licensed pathologist to determine cause of death.
- (2) "Child" means a person who is at least one year of age and has not reached his or her eighteenth birthday.
- (3) "Department" means the Tennessee Department of Health.
- (4) "Infant" means a baby who was born alive and has not reached his or her first birthday.
- (5) "Sudden, unexplained infant or child death" means the unexpected death of an infant or a child with no known or apparent cause.

Authority: T.C.A. §§ 68-1-1101, 68-1-1102, and 68-1-1103. **Administrative History:** Original rule filed May 11, 2010; effective October 29, 2010; however on October 28, 2010 the Department of Health withdrew the rules. Original rule filed January 24, 2012; effective June 30, 2012.

1200-15-03-.03 STANDARDS FOR INVESTIGATIONS.

- (1) The standards for conducting and completing an investigation, including performance of an autopsy, into a sudden, unexplained infant death shall include the standards applicable to infants found in T.C.A. § 68-1-1102, and the standards authorized or required by Tennessee Code Annotated Title 38, Chapter 7. The same standards shall apply to sudden, unexplained child death.
- (2) In addition to the standards found in T.C.A. § 68-1-1102 and Title 38, Chapter 7, the standards for conducting and completing an investigation, including performance of an autopsy, into a sudden, unexplained infant or child death shall be those found in the most current version of the Centers for Disease Control and Prevention's publication, "Sudden, Unexplained Infant Death Investigation Reporting Form," for infants, and the Department's "Sudden, Unexplained Child Death Investigation Reporting Form," for children. The Department shall provide access to these publications upon request. The pathologist performing the autopsy shall complete the appropriate form.

Authority: T.C.A. §§ 68-1-1101, 68-1-1102, 68-1-1103, and 68-3-502. *Administrative History:* Original rule filed May 11, 2010; effective October 29, 2010; however on October 28, 2010 the Department of Health withdrew the rules. Original rule filed January 24, 2012; effective June 30, 2012.

1200-15-03-.04 REIMBURSEMENT OF COUNTY GOVERNMENTS.

The Department shall reimburse county governments for the cost of each autopsy performed for an investigation into a sudden, unexplained infant or child death that is carried out in accordance with the investigation standards in this chapter. The Department shall reimburse up to the maximum allowable of \$1,250.00 per autopsy, including travel costs. The Tennessee Department of Finance and Administration's Comprehensive Travel Regulations shall govern the reimbursement rate for travel costs.

Authority: T.C.A. §§ 68-1-1101, 68-1-1102, and 68-1-1103. **Administrative History:** Original rule filed May 11, 2010; effective October 29, 2010; however on October 28, 2010 the Department of Health withdrew the rules. Original rule filed January 24, 2012; effective June 30, 2012.

Sudden Unexplained Child Death Act

TENNESSEE CODE ANNOTATED Copyright (c) 1955-2002 by The State of Tennessee All rights reserved.

*** CURRENT THROUGH THE 2002 SESSION OF THE 102ND GENERAL ASSEMBLY *** *** ANNOTATIONS CURRENT THROUGH DECEMBER 20, 2002. ***

> TITLE 68. HEALTH, SAFETY AND ENVIRONMENTAL PROTECTION HEALTH CHAPTER 1. DEPARTMENT OF HEALTH PART 11. SUDDEN, UNEXPLAINED CHILD DEATH

GO TO CODE ARCHIVE DIRECTORY FOR THIS JURISDICTION

Tenn. Code Ann. § 68-1-1102 (2002)

68-1-1102. Purpose — Training — Notice and investigation — Autopsy [Amended effective December 31, 2003. See the Compiler's Notes]

(a) The purpose of this part is to help reduce the incidence of injury and death to infants by accurately identifying the cause and manner of death of infants under one (1) year of age. This shall be accomplished by requiring that a death investigation be performed in all cases of all sudden, unexplained deaths of infants under one (1) year of age.

(b) The chief medical examiner shall develop and implement a program for training of child death pathologists. The protocol and policies shall be based on nationally recognized standards.

(c) All emergency medical technicians and professional firefighters shall receive training on the handling of cases of sudden, unexplained child death as a part of their basic and continuing training requirements. The training, which shall be developed jointly by the departments of health and children's services, shall include the importance of being sensitive to the grief of family members.

(d) [Amended effective December 31, 2003. See the Compiler's Notes] All law enforcement officers shall receive training on the investigation and handling of cases of sudden, unexplained child death as part of their basic and continuing training requirements. The training, which shall be developed jointly by the departments of health and children's services, shall include the importance of being sensitive to the grief of family members and shall be consistent with the death scene investigation protocol approved by the chief medical examiner.

(e) In the case of every sudden, unexplained death of an infant under one (1) year of age, the attending physician or coroner shall notify the county medical examiner who shall coordinate the death investigation.

(f) The county medical examiner shall inform the parent or parents or legal guardian of the child, if an autopsy is authorized.

(g) The county medical examiner shall ensure that the body is sent for autopsy to a child death pathologist as defined in this part. Parents or legal guardians who refuse to allow an autopsy based on the grounds of religious exemption shall personally file a petition for an emergency court hearing in the general sessions court for the county in which the death occurred.

(h) The county medical examiner shall contact the appropriate local law enforcement personnel to conduct a death scene investigation according to the protocol developed by the chief medical examiner. Such investigation shall be initiated within twenty-four (24) hours of the time the local law enforcement personnel are contacted by the county medical examiner.

(i) The county medical examiner shall send a copy of the death scene investigation and the medical history of the child to the pathologist conducting the autopsy.

(j) A copy of the completed autopsy, medical history, and death scene investigation shall be forwarded to the chief medical examiner.

(k) The cause of death, as determined by the certified child death pathologist, may be reported to the parents or legal guardians of the child. A copy of the autopsy results, when available, may be furnished to the parent or parents or legal guardian of the child, upon request, within forty-eight (48) hours of such request, except where the cause of death may reasonably be attributed to child abuse or neglect, in the judgment of the certified child death pathologist.

(I) Sudden infant death syndrome shall not be listed as the cause of death of a child, unless the death involves an infant under one (1) year of age which remains unexplained after a thorough case investigation, including performance of a complete autopsy, examination of the death scene, and review of the child's clinical history.

(m) Any individual or entity providing information pertinent to the investigation and related autopsy in a suspected case of sudden, unexplained infant death syndrome shall not be civilly liable for breach of confidentiality concerning the release of such information.

HISTORY: Acts 2001, ch. 321, § 2; 2002, ch. 591, §§ 1, 2.

NOTES:

COMPILER'S NOTES. Former § **68-1-1102** (Acts 1983, ch. 390, § 3), concerning the sudden infant death syndrome program, was repealed by Acts 2001, ch. 321, § 2 effective July 1, 2001.

Acts 2002, ch. 591, §§ 1 and 2 amend subsection (d), effective December 31, 2003. Prior to December 31, 2003, subsection (d) will read as set out above. After December 31, 2003, subsection (d) will read:

"(d) All law enforcement officers shall receive training on the investigation and handling of cases of sudden, unexplained child death as part of their basic training requirements. The training, which shall be developed jointly by the departments of health and children's services, shall include the importance of being sensitive to the grief of family members and shall be consistent with the death scene investigation protocol approved by the chief medical examiner. Additionally, whenever changes occur in policies or procedures pertaining to sudden infant death syndrome investigations, the department of health shall promptly notify the various law enforcement associations within the state. Such changes shall then be communicated in a timely manner to the respective law enforcement agencies for dissemination to their enforcement personnel."

AMENDMENTS. The 2002 amendment, effective December 31, 2003, in (d), deleted "and continuing" preceding "training requirements" at the end of the first sentence, and added the last sentence. See the Compiler's Notes.

EFFECTIVE DATES. Acts 2002, ch. 591, § 3. December 31, 2003.

TENNESSEE ADVANCE LEGISLATIVE SERVICE

STATENET

Copyright $\ensuremath{\mathbb{C}}$ 2002 by Information for Public Affairs, Inc.

TENNESSEE 102ND GENERAL ASSEMBLY

PUBLIC CHAPTER NO. 591

SENATE BILL NO. 2561

2002 Tenn. ALS 591; 2002 Tenn. Pub. Acts 591; 2002 Tenn. Pub. Ch. 591; 2001 Tenn. SB 2561

BILL TRACKING SUMMARY FOR THIS DOCUMENT (see below)

SYNOPSIS: AN ACT To amend Tennessee Code Annotated, Section **68-1-1102**, relative to law enforcement training for investigation and handling of cases of sudden, unexplained child death.

To view the next section, type .np* TRANSMIT. To view a specific section, transmit p* and the section number. e.g. p*1

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF TENNESSEE:

[*1] SECTION 1. Tennessee Code Annotated, Section **68-1-1102**(d), is amended by deleting the language "and continuing" in the first sentence of the subsection.

[*2] SECTION 2. Tennessee Code Annotated, Section **68-1-1102**(d), is further amended by adding the following language at the end of the subsection:

Additionally, whenever changes occur in policies or procedures pertaining to SIDS investigations, the Department of Health shall promptly notify the various law enforcement associations within the state. Such changes shall then be communicated in a timely manner to the respective law enforcement agencies for dissemination to their enforcement personnel.

[*3] SECTION 3. This act shall take effect December 31, 2003, the public welfare requiring it.

HISTORY:

Approved by the Governor April 9, 2002.

SPONSOR: By Clabough Substituted for: House Bill No. 3088 By Caldwell

TENNESSEE BILL TRACKING STATENET

Copyright © 2002 by State Net(R), All Rights Reserved.

2001 TN S.B. 2561

102ND GENERAL ASSEMBLY

SENATE BILL 2561

2001 Bill Tracking TN S.B. 2561

DATE-INTRO: JANUARY 17, 2002

LAST-ACTION: APRIL 9, 2002; Signed by GOVERNOR.

SYNOPSIS: Relates to law enforcement training for investigation and handling of cases of sudden, unexplained child death.

STATUS:

01/17/2002	INTRODUCED.
01/28/2002	To SENATE Committee on JUDICIARY.
02/05/2002	From SENATE Committee on JUDICIARY: Recommend passage with amendment.
02/05/2002	To SENATE Committee on CALENDAR.
02/11/2002	In SENATE. Amendment No. 1 adopted on SENATE floor.
02/11/2002	In SENATE. Read third time. Passed SENATE. *****To HOUSE.
02/14/2002	In HOUSE. Read second time. Local Bill held on desk.
03/25/2002	In HOUSE. Substituted on HOUSE floor for H 3088.
03/25/2002	In HOUSE. Amendment No. 1 adopted on HOUSE floor.
03/25/2002	In HOUSE. Read third time. Passed HOUSE. *****To SENATE for concurrence.
04/03/2002	In SENATE. SENATE concurred in HOUSE amendment numbers 1.
04/04/2002	****To GOVERNOR.
04/09/2002	Signed by GOVERNOR.

SUBJECT: LAW AND JUSTICE, LAW AND JUSTICE PERSONNEL, HEALTH AND SOCIAL SERVICES, MEDICAL SPECIALTIES AND SERVICES, Pediatrics, CHILDREN'S SERVICES AND RIGHTS, Children's Services and Rights- Misc, LABOR AND EMPLOYMENT, PUBLIC EMPLOYEES, Public Employee Training, CRIMINAL LAW, Criminal Procedure and Investigations, Police Officers and Sheriffs and Certification

SPONSOR: Clabough

SUBJECT: EMPLOYEE TRAINING (90%); CHILD WELFARE (90%); INVESTIGATIONS (90%);

LOAD-DATE: July 18, 2002

PUBLIC ACTS, 2001 CHAPTER NO. 321 HOUSE BILL NO. 1242 By Representatives Caldwell, John DeBerry, Pleasant Substituted for: Senate Bill No. 329 By Senator Clabough

AN ACT to amend Tennessee Code Annotated, Title 68, Chapter 1, Part 11; Title 68, Chapter 142 and Title 68, Chapter 3, Part 5, relative to sudden, unexplained child deaths.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF TENNESSEE:

SECTION 1. Tennessee Code Annotated, Section 68-1-1101, is amended by deleting the existing language in its entirety and by substituting instead the following:

(a) This act shall be known and may be cited as the "Sudden, Unexplained Child Death Act".

(b) The legislature hereby finds and declares that:

(1) Protection of the health and welfare of the children of this state is a goal of its people and the unexpected death of a child is an important public health concern that requires legislative action;

(2) The parents, guardians, and other persons legally responsible for the care of a child who dies unexpectedly have a need to know the cause of death;

(3) Collecting accurate data on the cause and manner of unexpected deaths will better enable the state to protect children from preventable deaths, and thus will help reduce the incidence of such deaths; and

(4) Identifying persons responsible for abuse or neglect resulting in unexpected death will better enable the state to protect other children who may be under the care of the same persons, and thus will help reduce the incidence of such deaths.

(c) As used in this part and in § 68-3-502 and unless the context otherwise requires:

(1) "Sudden infant death syndrome" means the sudden death of an infant under one (1) year of age which remains unexplained after a thorough case investigation, including performance of a complete autopsy, examination of the death scene, and review of the clinical history;

(2) "Certified child death pathologist" means a pathologist who is board certified or board eligible in forensic pathology and who has received training in, and agrees to follow, the autopsy protocol, policies and guidelines for child death

PUBLIC ACTS, 2001

investigation, as prescribed by the chief medical examiner for the state of Tennessee; and

(3) "Chief medical examiner" means the individual appointed pursuant to title 38, chapter 7, part 1.

SECTION 2. Tennessee Code Annotated, Section 68-1-1102, is amended by deleting the existing language in its entirety and by substituting instead the following language:

(a) The purpose of this part is to help reduce the incidence of injury and death to infants by accurately identifying the cause and manner of death of infants under one (1) year of age. This shall be accomplished by requiring that a death investigation be performed in all cases of all sudden, unexpected deaths of infants under one (1) year of age.

(b) The chief medical examiner shall develop and implement a program for training of child death pathologists. The protocol and policies shall be based on nationally recognized standards.

(c) All emergency medical technicians and professional firefighters shall receive training on handling of cases of sudden, unexplained child death as a part of their basic and continuing training requirements. The training, which shall be developed jointly by the departments of health and children's services, shall include the importance of being sensitive to the grief of family members.

(d) All law enforcement officers shall receive training on the investigation and handling of cases of sudden, unexplained child death as part of their basic and continuing training requirements. The training, which shall be developed jointly by the departments of health and children's services, shall include the importance of being sensitive to the grief of family members and shall be consistent with the death scene investigation protocol approved by the chief medical examiner.

(e) In the case of every sudden, unexplained death of an infant under one (1) year of age, the attending physician or coroner shall notify the county medical examiner who shall coordinate the death investigation.

(f) The county medical examiner shall inform the parent or parents or legal guardian of the child, if an autopsy is authorized.

(g) The county medical examiner shall ensure that the body is sent for autopsy to a child death pathologist as defined in this part. Parents or legal guardians who refuse to allow an autopsy based on the grounds of religious exemption shall personally file a petition for an emergency court hearing in the general session court for the county in which the death occurred.

(h) The county medical examiner shall contact the appropriate local law enforcement personnel to conduct a death scene investigation according to the protocol developed by the chief medical examiner. Such investigation shall be initiated within twenty-four (24) hours of the time the local law enforcement personnel are contacted by the county medical examiner.

Chapter No. 321]

(i) The county medical examiner shall send a copy of the death scene investigation and the medical history of the child to the pathologist conducting the autopsy.

(j) A copy of the completed autopsy, medical history, and scene investigation shall be forwarded to the chief medical examiner.

(k) The cause of death, as determined by the certified child death pathologist may be reported to the parents or legal guardians of the child. A copy of the autopsy results, when available, may be furnished to the parent or parents or legal guardian of the child, upon request, within forty-eight (48) hours of such request, except where the cause of death may reasonably be attributed to child abuse or neglect, in the judgment of the certified child death pathologist.

(I) Sudden infant death syndrome shall not be listed as the cause of death of a child, unless the death involves an infant under one (1) year of age which remains unexplained after a thorough case investigation, including performance of a complete autopsy, examination of the death scene, and review of the child's clinical history.

(m) Any individual or entity providing information pertinent to the investigation and related autopsy in a suspected case of sudden, unexplained infant death syndrome shall not be civilly liable for breach of confidentiality concerning the release of such information.

SECTION 3. In order to implement the provisions of this part, the commissioner of health shall:

(1) Promulgate rules and regulations in accordance with the Uniform Administrative Procedures Act, compiled in title 4, chapter 5, as may be necessary to obtain in proper form all information relating to the occurrence of a sudden unexplained child death which is relevant and appropriate for the establishment of a reliable statistical index of the incidence, distribution and characteristics of cases of sudden, unexplained child death;

(2) Collect such factual information from physicians, coroners, medical examiners, hospitals, and public health officials who have examined any child known or believed to have experienced sudden, unexplained death; provided that no information shall be collected or solicited that reasonably could be expected to reveal the identity of such child;

(3) Make such information available to physicians, coroners, medical examiners, hospitals, public health officials, and educational and institutional organizations conducting research as to the causes and incidence of sudden, unexplained child death;

(4) Cause appropriate counseling services to be established and maintained for families affected by the occurrence of sudden infant death syndrome; and

(5) Conduct educational programs to inform the general public of any research findings which may lead to the possible means of prevention, early identification, and treatment of sudden infant death syndrome.

SECTION 4. Tennessee Code Annotated, Section 68-3-502(c)(2), is amended by deleting the existing language in its entirety, and by substituting instead the following:

Sudden infant death syndrome shall not be listed as the cause of death of a child, unless the death meets the definition set forth in title 68, chapter 1, part 11.

SECTION 5. Tennessee Code Annotated, Section 68-142-108(e), is amended by deleting the period at the end of subdivision (1) and by adding the following language:

and for the purposes of the "Sudden, Unexplained Child Death Act," pursuant to title 68, chapter 1, part 11.

SECTION 6. Tennessee Code Annotated, Section 68-142-108(e), is further amended by deleting the period at the end of the first sentence in subdivision (2), after the words "or local teams" and by adding the following language:

and for the purposes of the "Sudden, Unexplained Child Death Act," pursuant to title 68, chapter 1, part 11.

SECTION 7. This act shall take effect on July 1, 2001, the public welfare requiring it.

Prevention Through Understanding: Investigating Unexpected Child Death

Direct On-Scene Education (D.O.S.E.) Program

What is D.O.S.E.? In 2012, Lt. James Carroll of the Ft. Lauderdale (Fla.) Fire and Rescue Department consulted with Healthy Mothers, Healthy Babies of Broward County, Inc. out of concern for the growing number of sleep-related infant deaths he and his crew were responding to; this meeting resulted in the creation of Direct On-Scene Education™ (D.O.S.E.). The D.O.S.E program is an innovative attempt to eliminate sleep-related infant deaths by utilizing first responders to educate families and caregivers about the ABC's of Safe Sleep for infants. Since its inception, D.O.S.E. has become a model program adopted and implemented by several agencies, including the Tennessee Department of Health (TDH).

D.O.S.E. utilizes the trust and importance of first responders in the community. When responding to calls from households with an infant or expectant mother, first responders are trained to initiate an "environmental check". If any hazards are found in the infant's current or planned sleep environment, they remove the hazards and verbally educate the caregiver(s) on safe sleep practices. In the event that participating agencies come in contact with a family who is unable to afford a crib, they are able to donate a pack-N-play to the home or refer the resident(s) to a resource site that can. Participating agencies also leave a Safe Sleep Kit at each residence, which includes materials on the ABC's of Safe Sleep. First responders are on scene to help, giving their message more of an opportunity to make a lasting impression.

What are the expectations? TDH provides each participating agency with Safe Sleep Kits. The kits include a door hanger, flyer, and dry erase board – all delivering the same simple message, "Babies should sleep ALONE, on their BACK, and in a CRIB". Each participating agency has a "Baby Safe Administrator" who oversees implementation of the program. The Baby Safe Administrator is an individual with a passion for the program and experience in community education; and someone who is able to engage and motivate their colleagues, and help them understand the importance of Safe Sleep education. The administrator is also responsible for ordering D.O.S.E. kits and reporting the number of kits distributed every month by submitting a quick survey to TDH. TDH also reports the monthly Safe Sleep Kit distribution numbers to Lt. James Carroll.

How does my agency get involved with D.O.S.E.? The best way to get involved is by contacting Rachel Heitmann to request information on the D.O.S.E program. TDH staff is also available to provide education and training on the program.

Contact information: Rachel Heitmann, MS

Director, Injury Prevention, Infant Mortality Reduction and Death Review Division of Family Health and Wellness Andrew Johnson Tower, 8th Floor 710 James Robertson Parkway, Nashville, TN 37243

615-741-0368

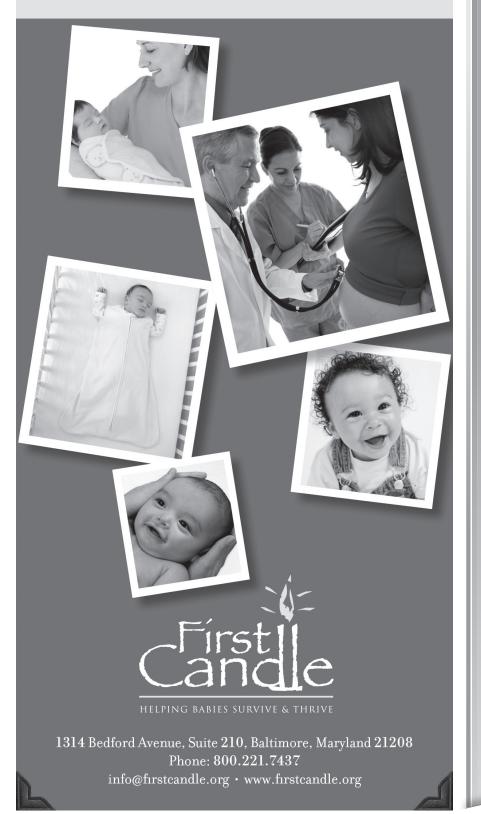
rachel.heitmann@tn.gov

Appendix B Sudden Infant Death Syndrome

Back Is Best For Baby's Sleep

Prevention Through Understanding: Investigating Unexpected Child Death

and other tips to reduce the risk of SIDS and other sudden unexpected infant deaths (SUID)



Prevention Through Understanding: Investigating Unexpected Child Death

Sudden Infant Death Syndrome (SIDS) is the sudden, unexpected death of a baby younger than one year. SIDS is the leading cause of death for babies one month to one year of age and claims the lives of nearly 2,500 babies every year. In addition, there are up to 2,000 sudden unexpected infant deaths (SUID) caused by suffocation or accidents during sleep each year.

What Is SIDS?

While SIDS affects families of all ethnic, social and economic backgrounds, we do know that African American and Native American babies are two to three times more likely to die from SIDS than Caucasian babies. Babies born too early or at a low birth rate are at increased risk, as are babies born to mothers who smoke during pregnancy and those who do not receive good prenatal care. Most SIDS deaths happen between two and four months of age, with **90** percent happening before six months of age.

While the exact cause of SIDS is not yet known, recent research has given us more information on what may cause these babies to die. Some babies are more likely to die than others because of a problem in their brainstems. We do not know which babies have this problem, but there are many things parents and caregivers can do to help protect their baby.

By following the important rules in this brochure, you will be giving your baby the best possible chance to reach not only his or her first birthday, but many happy birthdays beyond!



What can I do to help reduce the risk of SIDS/SUID?

- Always put your baby to sleep on his or her back. Side and tummy positions are not safe.
- Use a firm mattress in a crib that meets current safety standards. For guidelines visit www.jpma.org. The mattress should fit snugly in the crib and be covered with only a tight-fitting crib sheet.



- Never place your baby to sleep on any soft surface.
 This includes adult beds, waterbeds, sofas, chairs, cushions, quilts and other soft surfaces.
- Remove all soft, fluffy or loose bedding from your baby's sleep area. *This includes pillows, quilts, blankets, stuffed toys and other soft items.*
- Do not use soft or pillow-like bumper pads, wedges or positioners in your baby's sleep area. These items do not help keep your baby safe and can be dangerous when your baby begins turning over and moving around the crib.
- Use a wearable blanket or other type sleeper instead of loose blankets. *This will keep your baby warm and safe.*
- Room share with your baby, but don't bed share. Adult beds are not safe for sleeping babies. Feed and bond with your baby in bed, but when it's time to go to sleep, place your baby alongside your bed in his or her own separate space. This will make breastfeeding easier and help reduce the risk of SIDS, suffocation and accidents during sleep.
- Do not let your baby sleep in a car seat, infant carrier, bouncy seat, swing or other product. *Never leave your baby unattended while using these products. If your baby falls asleep, move him or her to a firm, flat surface as soon as possible.*
- $\cdot~$ Never fall as leep with your baby on a couch or armchair!

Prevention Through Understanding: Investigating Unexpected Child Death

Through Understanding: Investigating Unexpected Child Death

Prevention

What other things can I do to protect my baby?

- Good prenatal care is important. See a doctor as soon as you think you might be pregnant and keep all your appointments.
- If possible, feed your baby only breast milk for at least the first six months. Breastfeeding is important to your baby's overall health and well-being and can help protect your baby from illness and infection.
- Do not smoke while you are pregnant and do not allow anyone to smoke around your baby after he or she is born. Exposure to tobacco greatly increases the risk of SIDS and other illnesses.
- Do not drink alcohol or take drugs while you are pregnant.
- Take your baby for scheduled well-baby checkups. Make sure your baby receives his or her shots on time.

Pacifiers can greatly reduce the risk of SIDS!

New research shows that giving your baby a pacifier **every time you place him or her down to sleep** can greatly reduce the risk of SIDS. Follow these simple steps for safe, effective pacifier use:

- Offer your baby a pacifier at naptime and nighttime.
- If you are breastfeeding, wait one month before using a pacifier.
- Never use a pacifier to replace nursing or feeding.
- It is not necessary to put the pacifier back in your baby's mouth if it falls out he or she will still be protected.
- Never attach a pacifier around your baby's neck or to clothing.
- Stop using a pacifier after one year when the risk of SIDS decreases.



Educate everyone who takes care of your baby!

Let everyone who takes care of your baby know about these important rules. This includes grandparents, aunts, uncles, child care providers, friends,



babysitters and EVERYONE who cares for your baby.

Make sure your baby has a safe place to sleep when visiting or traveling, too!

Babies should always sleep on their backs!

One of the best things you can do to help reduce the risk of SIDS is to place your baby on his or her back to sleep, even for naps. Not everyone knows how important this is. When your mother and grandmother had babies, doctors told them to place babies on their stomachs for sleep. But research now shows that fewer babies will die of SIDS if they sleep on their backs. In fact, before the national Back to Sleep campaign, **3**,500 more babies died from SIDS each year.

Placing your baby to sleep on his or her back is the only safe sleep position. Almost all babies will be comfortable sleeping on their back if placed that way from the time they are born. Let your doctor and nurse know that you want your baby placed only *Back to Sleep* in the hospital. Your doctor will let you know if there is a medical reason to use a different sleep position.

Some mothers and grandmothers worry that babies may choke on spit-up or vomit if they sleep on their backs. Doctors have NOT found this to be true. Millions of babies around the world sleep safely on their backs.

Many products are made to keep babies on their backs during sleep. But there is no proof that using these products will reduce the risk of SIDS. In fact, positioners and wedges can actually increase the risk of SIDS and accidental infant deaths when your baby starts moving around or rolling over during sleep. Prevention Through Understanding: Investigating Unexpected Child Death

Prevention Through Understanding: Investigating Unexpected Child Death

Make sure there is nothing soft, loose or fluffy in your baby's sleep area!

Research shows that soft bedding and other items placed in your baby's sleep area can increase the risk of SIDS

and accidental suffocation. This includes blankets, quilts, pillows, soft or pillow-like bumper pads, stuffed animals and other soft items.

These items can block the flow of fresh air to your baby. Instead of fresh air, your baby will re-breathe his exhaled air, which doesn't have



enough oxygen. This "re-breathing" may increase the risk of SIDS. Loose blankets and quilts can also cover your baby's head and cause suffocation.

When your baby is awake, tummy time is important!

Place your baby on his or her stomach for "tummy time" when he or she is awake and being watched (supervised).



Tummy time while awake is good for your baby. It helps develop neck and shoulder muscles. It also helps prevent "flat spots" on the back of your baby's head. Flat spots are almost always temporary. They usually go away a few months after your baby begins to sit up or crawl.

There are other things you can do to help prevent flat spots:

- Alternate the direction in the crib where you place your baby to sleep.
- Alternate the arm you hold your baby in for feedings.
- Don't let your baby spend too much time in car seats, infant carriers, bouncers, swings and other similar items.

Remember, most babies are born healthy and most stay that way as they grow.

Don't let the fear of SIDS spoil your joy of having a new baby!



First Candle is the nation's leading nonprofit dedicated to promoting safe pregnancies and the survival of babies through the first years of life.

With programs of research, education and advocacy, we are working to ensure that every baby is given the best possible chance to survive and thrive. Until we reach that goal, we will continue to provide compassionate grief support to all those affected by the death of a baby.

For more information on other ways to help your baby survive and thrive, to access family support services or to make a donation, please call toll-free 800.221.7437 or visit www.firstcandle.org.



Prevention Through Understanding: Investigating Unexpected Child Death

NIH News: SIDS Infants Show Abnormalities in Brain Area Controlling Breathing

October 31, 2006

Infants who die of sudden infant death syndrome have abnormalities in the brainstem, a part of the brain that helps control heart rate, breathing, blood pressure, temperature and arousal, report researchers funded by the National Institutes of Health. The finding is the strongest evidence to date suggesting that innate differences in a specific part of the brain may place some infants at increased risk for SIDS.

The abnormalities appeared to affect the brainstem's ability to use and recycle serotonin, a brain chemical which also is used in a number of other brain areas and plays a role in communications between brain cells. Serotonin is most well known for its role in regulating mood, but it also plays a role in regulating vital functions like breathing and blood pressure.

The study appears in the November 1 *Journal of the American Medical Association* and was conducted by researchers in the laboratory of Hannah Kinney, M.D., at Children's Hospital Boston and Harvard Medical School as well as other institutions.

"This finding lends credence to the view that SIDS risk may greatly increase when an underlying predisposition combines with an environmental risk-such as sleeping face down- at a developmentally sensitive time in early life," said Duane Alexander, M.D., Director of the NIH's National Institute of Child Health and Human Development.

SIDS is the sudden and unexpected death of an infant under 1 year of age, which cannot be explained after a complete autopsy, an investigation of the scene and circumstances of the death, and a review of the medical history of the infant and his or her family. Typically, the infant is found dead after having been put to sleep and shows no signs of having suffered.

In previous studies, researchers have hypothesized that abnormalities in the brainstem may make an infant susceptible to situations in which they re-breathe their own exhaled breath, depriving them of oxygen. This hypothesis holds that certain infants may not be able to detect high carbon dioxide or low oxygen levels during sleep, and do not wake up.

To conduct the current study, researchers examined tissue from the brainstems of 31 infants who died of SIDS and 10 infants who died of other causes. The tissue was provided by the office of the chief medical examiner in San Diego, California, and was collected from infants who died between 1997 and 2005.

The lower brainstem helps control such basic functions as breathing, heart rate, blood pressure, body temperature, and arousal. The researchers found that brainstems from SIDS infants contained more neurons (brain or nerve cells) that manufacture and use serotonin than did the brainstems of the control infants, explained the study's first author, David Paterson, PhD, a researcher at Children's Hospital in Boston.

Serotonin belongs to a class of molecules known as neurotransmitters, which serve to relay messages between neurons. Neurons release neurotransmitters, which fit into special sites, or receptors, on surrounding neurons, somewhat like a key fits into a lock. Once in place, the neurotransmitter either promotes or hinders electrical activity in the receiving neuron—next in line in a particular brain circuit—causing it to release its neurotransmitters, which either excite or inhibit still more neurons, and so on.

Although the brainstem tissue from the SIDS infants contained more serotonin-using neurons, these serotonin-using neurons appeared to contain fewer receptors for serotonin than did the brainstems of control infants. Dr. Paterson noted that there are at least 14 different subtypes of serotonin receptor. In their study, the researchers tested the infants' brainstem tissue for a serotonin receptor known as "subtype 1A."

Tissue from both the SIDS infants and the control infants contained roughly equal amounts of a key brain protein, serotonin transporter protein. This protein recycles serotonin, collecting the neurotransmitter from the surrounding spaces outside the neuron and transporting it back into the neuron so it can be used again. Dr. Paterson explained, however, that because the SIDS infants had

proportionately more serotonin-using neurons than did the control infants, they would also be expected to have more serotonin transporter protein. So even though they had equal amounts of serotonin transporter protein, the levels were nevertheless reduced—relative to the increased number of serotonin-using neurons—and, for this reason, unlikely to meet the needs of these cells.

Dr. Paterson added that from the observations in this study it was not possible to determine how much serotonin the infants' brainstems contained when the infants were alive. He noted, however, that the pattern of abnormalities—more serotonin neurons, an apparent reduction of serotonin 1A receptors, and insufficient serotonin transporter—suggested that the level of serotonin in the brainstems of SIDS infants was abnormal.

"Our hypothesis right now is that we're seeing a compensation mechanism," Dr. Paterson said. "If you have more serotonin neurons, it may be because you have less serotonin and more neurons are recruited to produce and use serotonin to correct this deficiency."

The researchers also found that male SIDS infants had fewer serotonin receptors than did either female SIDS infants or control infants. The finding may provide insight into why SIDS affects roughly twice as many males as females.

"These findings provide evidence that SIDS is not a mystery but a disorder that we can investigate with scientific methods, and some day, may be able to identify and treat," said Dr. Hannah Kinney, the senior author of the paper.

A large body of research has shown that placing an infant to sleep on his or her stomach greatly increases the risk of SIDS. The NICHD-sponsored Back to Sleep campaign urges parents and caregivers to place infants to sleep on their backs, to reduce SIDS risk. The campaign has reduced the number of SIDS deaths by about half since it began in 1994. The campaign also cautions against other practices that increase the risk of SIDS, such as soft bedding, smoking during pregnancy, and smoking around a baby after birth.

Despite the fact that the Back to Sleep campaign recommendations had been widely distributed by the time the study began, a large proportion of the SIDS cases in the study by Drs. Paterson, Kinney and their coworkers were correlated with known SIDS risk factors: 15 (48 percent) were found sleeping on their stomachs, 9 (29 percent) were found face down, and 7 (23 percent) were sharing a bed, at the time of death.

"The majority (65 percent) of the SIDS cases in this data set, however, were sleeping prone or on their side at the time of death, indicating the need for continued public health messages on safe sleeping practices, the study authors wrote."

To Learn More

Information and free materials on ways parents and caregivers can reduce the risk of sudden infant death syndrome are available on the Safe to Sleep website at <u>https://safetosleep.nichd.nih.gov</u>.

Information about the search for ways to identify infants most at risk for SIDS is available in the article "Searching for Those at Greatest Risk for SIDS" at <u>https://www.nichd.nih.gov/newsroom/releases/sids_serotonin_backgrounder</u>.

Prevention Through Understanding:

Investigating Unexpected Child Death Prevention Through Understanding:

Investigating Unexpected Child Death

Glossary of SIDS-Related Terminology

Apnea-Transient cessation of breathing.

Apnea of Prematurity–Periodic breathing with respiratory pauses longer than 20 seconds in a premature infant of less than 37 weeks gestation; may be accompanied by changes in color or in muscle tone.

Apparent Life Threatening Event (ALTE)–An episode that is frightening to the observer and is characterized by some combination of apnea, color change, change in muscle tone, and choking or gagging, replacing the term "near-miss" SIDS.

Arrhythmia-Any variation from the normal rhythm of the heartbeat.

Autopsy-See Postmortem.

Botulism–An often fatal poisoning caused by the bacterium Clostridium botulinum. Infant deaths from botulism have been misdiagnosed as SIDS.

Bradycardia-Slowing of the heart rate. (See tachycardia.)

Brainstem–The base of the human brain, which lies just above the spinal cord and controls breathing and other involuntary activities.

Cardio-Pulmonary Resuscitation (CPR)–A procedure whereby a victim who is not breathing or has no pulse is massaged so that blood flow and oxygen exchange are maintained.

Cause (of SIDS)-A condition or event directly responsible for the death of an individual infant.

Coroner–An officer of the law who holds inquests in regard to violent, sudden, or unexplained deaths. (See medical examiner.)

Co-Sleeping-The practice of having an infant sleep in the same bed with its parents.

Crib Death/Cot Death-Synonyms for SIDS

Diagnosis of Exclusion–SIDS is known as a diagnosis of exclusion because it is reported as the cause of death only as a last resort, when all other causes have been eliminated from consideration.

DPT Vaccine–The vaccine, often given at about two months of age, to inoculate children against diptheria, pertussis (whooping cough), and tetanus. Links between this vaccine and SIDS have not been supported by research findings.

Forensic Medicine-The application of medical knowledge to legal issues.

Gastroesophageal Reflux-An excessive or pathologic tendency toward the reverse flow of stomach contents into the esophagus and sometimes into the throat, from whence refluxed material can be inhaled into the lungs.

Homeostatic Control Mechanisms–Innate behaviors of an infant to automatically regulate body conditions such as temperature, oxygen, and carbon dioxide levels in the blood, or heart rate.

Hypoxia-The condition wherein too little oxygen reaches tissues and organs.

International Classification of Diseases, 9th Revision (ICD-9)–A guide for the classification of morbidity and mortality information for statistical purposes published by the World Health Organization.

Medical Examiner-A physician trained specifically in forensic medicine and pathology who conducts death investigations. (See coroner.)

Metabolic Disorder–An abnormality of a physical or chemical process underlying vital cellular or organ function.

Monitoring–Using an apparatus to observe and/or record physical signs such as respiration, pulse, and blood pressure.

Pathology–1. The study of disease, its essential nature, cause, and development, and the structural and functional changes it produces. 2. A condition that might lead to sickness, disability, or death. No pathologies have been discovered that are strongly associated with subsequent SIDS deaths.

Petechiae–Pinpoint hemorrhages often found on the surfaces of organs or in the lining of the chest cavity. Petechiae are a characteristic finding in autopsies of SIDS victims.

Postmortem–An examination of the body after death, usually with such dissection as will expose the vital organs for determining the cause of death or the character and extent of changes produced by disease; an autopsy.

Predisposition–A latent susceptibility to disease that may be activated under certain conditions, such as by physiologic stresses.

Prone (Sleep position)–Sleeping on one's stomach. Evidence suggests that prone sleeping increases the risk of SIDS. (See supine.)

Risk Factor–A statistically derived rating of how much more common the factor under study is in the population suffering from the disease than in populations without the disease.

Risk factors for SIDS include

- prone sleeping,
- · secondhand smoke,
- · over- or under-dressing infants,
- male gender,
- · age between 2 and 4 months,
- bottle-feeding, and
- subsequent SIDS sibling—a son or daughter born to parents after they have lost an infant to SIDS.

Subsequent SIDS Sibling–A son or daughter born to parents after they have lost an infant to SIDS.

Sudden Infant Death Syndrome (SIDS)–When an (often) apparently healthy baby suddenly dies, for no apparent reason. SIDS is defined as the death of an infant between the ages of one month and one year which remains unexplained after a thorough postmortem, investigation of the death scene, and review of the clinical history.

Supine (Sleep position)–Sleeping on one's back. Evidence suggests that supine sleeping reduces the risk of SIDS. (See prone.)

Surviving SIDS Sibling-A son or daughter born to parents before they have lost an infant to SIDS.

Syndrome–A set of signs and symptoms that occur together often enough to constitute a specific condition or entity.

Tachycardia-A more rapid than normal heart rate. (See bradycardia.)

Prevention Through Understanding:

Investigating Unexpected Child Death

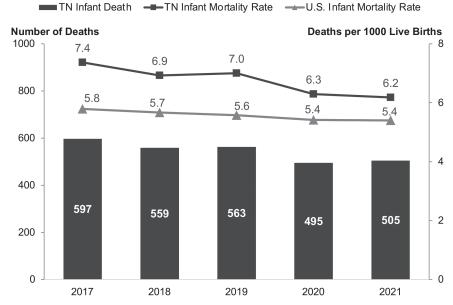
SIDS in Tennessee

Infant Mortality, Tennessee

Understanding: Investigating Unexpected Child Death

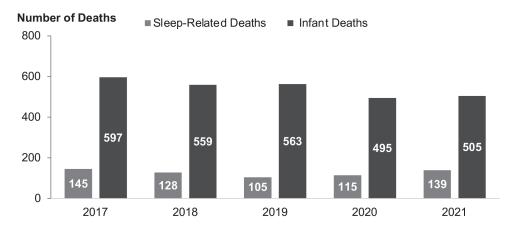
Prevention

Through



Data Source: Tennessee Department of Health, Division of Vital Records and Health Statistics, Death Statistical File, 2017-2021

Tennessee Infant Deaths Sleep-Related vs. All Other Causes, 2017–2021



Data Source: Sleep-related Infant Death counts from Tennessee Department of Health, Child Fatality Review Database System. Total infant deaths from Tennessee Department of Health, Office of Vital Records and Health Statistics, Death Statistical File, 2017-2021

Prevention Through Understanding: Investigating Unexpected Child Death

Contributing Factors in Sleep-Related Infant Deaths, 2020-21

Contributing factors*	2020	2021
Unsafe bedding or toys in sleeping area**	99	112
Infant found not sleeping in a crib or bassinet	79	96
Infant found sleeping with other people	67	79
Infant found not sleeping on back	64	64
Infant found sleeping with obese adult	17	29
Drug-impaired adult sleeping with infant	8	6
Alcohol-impaired adult sleeping with an infant	3	5
Adult fell asleep while bottle feeding infant	4	4

*Because more than one factor may have contributed to a single death, the total number across the contributing factors exceeds the number of sleep-related infant deaths for a given year. **Includes comforter, blanker, pillow, bumper pads, toys, plastic bags, and other. Data source: Tennessee Department of Health, Child Fatality Review Database System.

Prevention Through Understanding: Investigating Unexpected Child Death

50

Appendix C

Tennessee Services and Information

Child Safety

The Department of Children's Services responds to over 37,000 reports of child abuse and neglect a year. Every day, more than 100 children are reported abused or neglected in Tennessee. The Child Protective Services division strives to protect children whose lives or health are seriously jeopardized because of abusive acts or negligence. This division also supports the preservation of families. The department practices risk-oriented case management in order to help protect children. These are some of the caseworker's major areas of responsibility:

- · Investigating referrals of child abuse or neglect
- Identifying the risks that contributed to the abuse or neglect
- · Delivering appropriate services to reduce risks
- Evaluating the success of the intervention
- Continuing services, if necessary
- Closing the case or reuniting the child/children and family

What Is Child Abuse?

Child abuse and neglect occurs when a child is mistreated, resulting in injury or risk of harm. Abuse can be physical, verbal, emotional, or sexual.

Physical abuse is nonaccidental physical trauma or injury inflicted by a parent or caretaker on a child. It also includes a parent's or a caretaker's failure to protect a child from another person who perpetrated physical abuse on a child. In its most severe form, physical abuse is likely to cause great bodily harm or death.

Physical neglect is the failure to provide for a child's physical survival needs to the extent that there is harm or risk of harm to the child's health or safety. This may include, but is not limited to, abandonment, lack of supervision, life-endangering physical hygiene, lack of adequate nutrition that places the child below the normal growth curve, lack of shelter, lack of medical or dental care that results in health-threatening conditions, and the inability to meet basic clothing needs of a child. In its most severe form, physical neglect may result in great bodily harm or death.

Sexual abuse includes penetration or external touching of a child's intimate parts, oral sex with a child, indecent exposure or any other sexual act performed in a child's presence for sexual gratification, sexual use of a child for prostitution, and the manufacturing of child pornography. Child sexual abuse is also the willful failure of the parent or the child's caretaker to make a reasonable effort to stop child sexual abuse by another person.

Emotional abuse includes verbal assaults, ignoring and/or indifference to a child, or constant family conflict. If a child is degraded enough, the child will begin to live up to the image communicated by the abusing parent or caretaker.

Child abuse can happen anywhere—in poor, middle-class, or well-to-do homes or in rural or urban areas.

Who Should Report Child Abuse?

Somewhere in your community there is a family who has a serious problem. The children in that family are being abused and neglected by their parents. According to

Prevention Through Understanding: Investigating Unexpected Child Death Prevention Through Understanding:

Investigating Unexpected Child Death

Tennessee law, all persons (including doctors, mental health professionals, child care providers, dentists, family members, and friends) must report suspected cases of child abuse or neglect. Failure to report child abuse or neglect is a violation of the law.

If you believe a child has been abused or neglected call (877) 237-0004 to report it. Possible Indicators of Abuse and Neglect

- The child has repeated injuries that are not properly treated or adequately explained.
- The child begins acting in unusual ways, ranging from disruptive and aggressive to passive and withdrawn behavior.
- The child acts in the role of parent toward brothers and sisters or even toward parents.
- The child may have disturbed sleep (nightmares, bed-wetting, fear of sleeping alone, needing a nightlight).
- The child loses his/her appetite, overeats, or reports being hungry.
- There is a sudden drop in school grades or participation in activities.
- The child may act in stylized ways, such as sexual behavior that is not normal for his/her age group.
- The child may report abusive or neglectful acts.

The above signs indicate that something is wrong but do not necessarily point to abuse. However, if you notice these signs early, you may be able to prevent abuse or neglect.

Parents who abuse or neglect their children may show some common characteristics:

- Possible drug/alcohol history
- · Disorganized home life
- May seem to be isolated from the community and have no close friends
- When asked about a child's injury, may offer conflicting reasons or no explanation at all
- May seem unwilling or unable to provide for a child's basic needs
- May not have age-appropriate expectations of their children
- May use harsh discipline that is not appropriate for a child's age or behavior
- Were abused or neglected as a child

Parents who abuse their children need help, but few are able to admit the problem and seek assistance. Long-term trends show that more than 85 percent of the perpetrators of child abuse and neglect in Tennessee were the parents or relatives of the victims. Staffs at schools, day cares, and institutions were perpetrators in only two percent of the investigations. Adolescents as well as adults can be perpetrators of abuse.

What Happens in an Investigation?

The process of investigation can include talking with the alleged child victim (or observing a young, nonverbal child), parents, and/or the alleged perpetrator. CPS workers will gather pertinent medical and psychological information and will work with their counterparts in the medical, psychological, judicial, and law enforcement fields. The investigations can also include interviews of neighbors or friends who have knowledge of the child's situation. The emphasis remains on constantly evaluating the risk to the alleged child victim during the entire investigative process.

In reports involving severe child abuse, DCS will notify the local district attorney and law enforcement offices. These include reports that involve a child's death or serious injury or situations involving torture, malnutrition, and child sexual abuse. Furthermore,

Tennessee law requires local child protective investigation teams to review certain cases. The investigative team in each county includes representatives from DCS, the local district attorney general's office, juvenile court, law enforcement, and the mental health profession.

What Happens When I Call Central Intake?

When a person notifies the Department of Children's Services regarding possible abuse or neglect of a child, Children's Services case managers determine how quickly to respond with an investigation. They must assess the referral information and focus on the present and future risks to the child. Considering the condition of the child and the risk of future maltreatment helps a case manager know how to quickly to respond to an abuse or neglect referral and what priority to assign to that referral. DCS accepts reports of child maltreatment provided they meet the following three criteria:

- The report pertains to a child under the age of 18 years.
- The report alleges harm or imminent risk of harm to the child.
- The alleged perpetrator is a parent or caretaker; a relative or other person living in the home; an educator, volunteer, or employee of a recreational/ organizational setting who is responsible for the child; any individual providing treatment, care, or supervision for the child.

DCS accepts all referrals involving sexual abuse of children under the age of 13 years, regardless of the previous relationship between the alleged victim and the alleged perpetrator. DCS does not investigate sexual abuse allegations of a child 13 to 18 years old by an alleged perpetrator who does not have a relationship with the child, as defined above, unless the child is in the department's custody. DCS may assist law enforcement or the district attorney's office in such cases.

Here is the information you'll be asked to provide if you call to report child abuse.

- Nature of the harm or specific incident(s) that precipitated the report
- Specific allegation(s), date(s) and descriptions(s) of the injuries or dangers
- Identities of alleged perpetrator(s) and their relationships to the victim
- Witnesses to the incident(s) and how to reach those witnesses
- Details of any physical evidence available
- Perpetrator's current access to the child
- Present condition of the child (alone, in need of medical attention, etc.)
- The location of the child and directions to get there
- Any statements from the child
- Parent's or perpetrator's explanation of the alleged child victim's condition or the incident
- Parent's current emotional, physical, or mental state, especially feelings about the child and reactions to the report
- How the reporter came to know the information and the reporter's thoughts about the likelihood of further harm to the child

The reporter's identity is confidential, but a name should be given so the department can follow up with the reporter, if necessary. The reporter is free from civil or criminal liability for reports of suspected child abuse or neglect made in good faith.

To report abuse or neglect, call 1-877-237-0004 or go to www.tn.gov/dcs and click on "How to Report Child Abuse."

Tennessee Department of Children's Services, Child Safety Division www.tn.gov/dcs

Prevention Through Understanding: Investigating Unexpected Child Death

Child Fatality Review (CFR) Teams

Child Fatality Review Teams review deaths in order to

- promote understanding of the causes of childhood deaths,
- identify deficiencies in the delivery of services to children and families by public agencies, and
- make and carry out recommendations that will prevent future childhood deaths.

Members of the state team include the following:

- Department of Health commissioner (chair)
- Attorney general
- Department of Children's Services commissioner
- Tennessee Bureau of Investigation director
- Physician (nominated by Tennessee Medical Association)
- Physician credentialed in forensic pathology
- Department of Mental Health and Substance Abuse Services commissioner
- Judiciary member nominated by the Supreme Court chief justice
- Tennessee Commission on Children and Youth chair
- · Department of Intellectual and Developmental Disabilities commissioner
- Two members of the Senate
- Two members of the House of Representatives
- One member representing a child abuse prevention organization

Members of the local teams include the following:

- Department of Health regional health officer
- Department of Children's Services social services supervisor
- Medical examiner
- Prosecuting attorney appointed by the district attorney general
- Local law enforcement officer
- Mental health professional
- Pediatrician or family practice physician
- · Emergency medical services provider or firefighter
- Juvenile court representative
- Representatives of other community agencies serving children

Tennessee Department of Health www.tn.gov/health/health-program-areas/fhw/child-fatality-review.html

54

Tennessee Child Fatality Review Districts

Prevention Through Understanding: Investigating Unexpected Child Death

Northeast	
Northeast	Judicial District 1: Carter, Johnson, Unicoi, and Washington Counties
	Judicial District 3: Greene, Hamblen, Hancock, and Hawkins Counties
Sullivan	
ounivan	Judicial District 2: Sullivan County
East	
	Judicial District 4: Cocke, Grainger, Jefferson, and Sevier Counties
	Judicial District 5: Blount County
	Judicial District 7: Anderson County
	Judicial District 8: Campbell, Claiborne, Fentress, Scott, and Union Counties
	Judicial District 9: Loudon, Meigs, Morgan, and Roane Counties
Knox	
	Judicial District 6: Knox County
Southeast	
	Judicial District 10: Bradley, McMinn, Monroe, and Polk Counties
Hamilton	Judicial District 12: Bledsoe, Franklin, Grundy, Marion, Rhea, and Sequatchie Counties
namilton	Judicial District 11: Hamilton County
Upper-	
Cumberland	Judicial District 13: Clay, Cumberland, DeKalb, Overton, Pickett, Putnam, and White Counties
oumberland	Judicial District 15: Jackson, Macon, Smith, Trousdale, and Wilson Counties
	Judicial District 31: Van Buren and Warren Counties
South Central	
	Judicial District 14: Coffee County
	Judicial District 17: Bedford, Lincoln, Marshall, and Moore Counties
	Judicial District 2101: Hickman, Lewis, and Perry Counties
	Judicial District 2201: Giles, Lawrence, and Wayne Counties
	Judicial District 2202: Maury County
Mid-	
Cumberland	Judicial District 16: Cannon, and Rutherford Counties Judicial District 18: Sumner County
	Judicial District 1901: Montgomery County
	Judicial District 1902: Robertson County
	Judicial District 2102: Williamson County
	Judicial District 23: Cheatham, Dickson, Houston, Humphreys, and Stewart Counties
Davidson	
	Judicial District 20: Davidson County
West	
	Judicial District 24: Benton, Carroll, Decatur, Hardin, and Henry Counties
	Judicial District 25: Fayette, Hardeman, Lauderdale, McNairy, and Tipton Counties
	Judicial District 27: Obion and Weakley Counties
	Judicial District 28: Crockett, Gibson, and Haywood Counties
	Judicial District 29: Dyer and Lake Counties
Madison	
o	Judicial District 26: Chester, Henderson, and Madison Counties
Shelby	Indiaial District 20. Challey County
	Judicial District 30: Shelby County

Revised 12/14/2004



Child's Information:

State of Tennessee Department of Health Sudden Unexplained Child Death Investigation Report For use in children aged 1 year and older

-Investigation Data-

Last Name:		First Name:	М.
Sex: 🗆 M 🛛 F	DOB: / /	SS#:	Case#:
Race: 🗆 White	Black/African Am.	□ Asian/Pacific Islander □ Other	Ethnicity: 🗆 Hispanic/Latino
Primary Address:		City:	St: Zip:
Incident Address:		City:	St: Zip:

Contact Information for Witness:

Relationship to the deceased:	🗆 Birt	h Mother	Birth Father	Grand	Imother	□ Adoptive	or Foster Pa	rents	Physician
Health Records Other:									
Last Name:		First Nar	me:		М.		SS#		
Home Address:				City:			St:	Zip:	
Place of work:				City:			St:	Zip:	
Phone (H): ()			Phone (W): ()		Date	of Birth:	/	1

-Witness Interview-

1. Tell me what happened:		
2. Did you notice anything unusual or different about t	the child in the last 24 hours? \Box No \Box Yes \rightarrow Describe:	
3. Did the child experience any falls or injury within the	e last 72 hours? \Box No \Box Yes \rightarrow Describe:	
4. When was the child LAST KNOWN ALIVE (LKA)?		
	Month Day Year Military Time Location (Room)	
5. When was the child FOUND ?		
	Month Day Year Military Time Location (Room)	

PH-4100

6. Explain how you knew the child was still alive.					
7. Describe the child's appearance when found.			Descrit	e and specify location:	
a) Discoloration around face/nose/mouth	Unknown 🗆 No	o⊡Yes			
b) Secretions (foam, froth)	Unknown 🗆 No	⊃⊡Yes			
c) Skin discoloration (liver mortis)	Unknown 🗆 No	⊃⊡Yes			
d) Pressure marks (pale areas, blanching)	Unknown 🗆 No	⊃⊡Yes			
e) Rash or petechiae (small red blood spots on skin, membranes, or eyes)	Unknown 🛛 No) 🗆 Yes			
f) Marks on body (scratches or bruises)	Unknown 🗆 No	o⊡Yes			
g) Other	Unknown 🗆 No	⊃⊡Yes			
8. What did the child feel like when found? (Check	all that apply)	·			
□ Sweaty □ Limp, flexible □ Warn	n to touch	Rigid, stiff	🗆 Cool	to touch 🛛 Unkr	nown
□ Other, specify:					
9. Did anyone else other than EMS try to resuscitate the child? Who:			When:	/// Month Day Year	: Military Time
10. Please describe what was done as part of the r	esuscitation:			Honar Bay Tea	i intary i inte
11. Has the parent/caregiver ever had a child die s	uddenly and unex	pectedly? 🗆 No) 🗌 Yes	\rightarrow Describe:	

-Child Medical History-

1.	Source of medical information:									
	Doctor Other health care provid	er 🗆 M	ledical re	cord	🗆 Par	ent/primary	caregiver	Family	0 🗆	ther
2.	In the 72 hours prior to death, did the child	have:								
	a) Fever	Unknowr	n 🗆 No	Yes	h) [Diarrhea		Unknown	🗆 No	□Yes
	b) Excessive sweating	Unknown	n □No I	Yes	i) S	Stool change	5	Unknown	🗆 No	□Yes
	c) Lethargy or sleeping more than usual	Unknown	n 🗆 No 🛛	Yes	j) [Difficulty brea	athing	Unknown	🗆 No	□Yes
	d) Fussiness or excessive crying	Unknowr	n 🗆 No 🛛	Yes	k) A	Apnea (stoppe	ed breathing)	Unknown	🗆 No	□Yes
	e) Decrease in appetite	Unknowr	n 🗆 No 🛛	Yes	l) (Cyanosis (turr	ned blue/gray)	Unknown	🗆 No	□Yes
	f) Vomiting	Unknowr	n 🗆 No 🛛	Yes	m) S	Seizures or co	onvulsions	Unknown	🗆 No	□Yes
	g) Choking	Unknowr	n 🗆 No 🛛	Yes	n) (Other, specify	/:			
3.	3. In the 72 hours prior to death, was the child injured or did s/he have any other condition(s) not mentioned? □No □Yes →Describe:									
4.	In the 72 hours prior to death, was the child						\Box Yes \rightarrow List	t Below:		
	(please include any home remedies, herba		ns, over-t	he-count						
		e last /en M	Date of lonth Day	given _{Year}		orox. Time itary Time	Reason	given/comn	nents:	
	Vaccination gr	, cit	/	/		:				
			1	/		:				
			/	/		:				
			/	/		:				

RDA 1094

5. At any time in the child's life, did s/he have	a history of?	Describe
a) Allergies (food, medication or other)	□Unknown □ No □Yes →	
b) Abnormal growth or weight loss/gain	□Unknown □ No □Yes →	
c) Apnea (stopped breathing)	\Box Unknown \Box No \Box Yes \rightarrow	
d) Cyanosis (turned blue/gray)	□Unknown □ No □Yes →	
e) Seizures or convulsions	$\Box \text{Unknown} \Box \text{No} \Box \text{Yes} \rightarrow$	
f) Cardiac (heart) abnormalities	□Unknown □ No □Yes →	
g) Other 6. Did the child have any birth defects?	$\Box \text{Unknown} \Box \text{No} \Box \text{Yes} \rightarrow$	
	$D \square Tes \rightarrow Describe.$	
7. Describe the two most recent times that th	e child was seen by a physician or	health care provider: (Include emergency
department visits, clinic visits, hospital adr	missions, observational stays, and t	telephone calls)
	irst most recent visit	Second most recent visit
a) Date	// onth Day Year	// Month Day Year
b) Reason for visit:	ontri Day Tea	
c) Action taken:		
d) Physician's Name:		-
e) Hospital/Clinic:		
f) Address:		
g) City, Zip code:		
f) Phone number: ()	_	
8. Birth Hospital Name:		
Street Address:		
City		Zin codo:
City:	State:	Zip code:
	Incident Scene Investi	
1. Where did the incident or death occur?	Incident Scene Investi	
1. Where did the incident or death occur? 2. Was this the primary residence?	•Incident Scene Investi	igation-
1. Where did the incident or death occur? 2. Was this the primary residence? 3. Is the site of the incident or death scene a	Incident Scene Investi Yes daycare or other childcare setting?	igation- ? \Box Yes \Box No \rightarrow Skip to question 8 below
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of 	Yes daycare or other childcare setting?	igation- ? □ Yes □ No → Skip to question 8 below cident or death?
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the child 	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(igation- ? \Box Yes \Box No \rightarrow Skip to question 8 below
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the chill What is the license number and licensing a 	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(gency for the daycare?	igation- ? □ Yes □ No → Skip to question 8 below cident or death?
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the child What is the license number and licensing adult License Number: 	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(gency for the daycare? Agency:	igation- ? □ Yes □ No → Skip to question 8 below cident or death?
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the child What is the license number and licensing a License Number: How long has the daycare been open for but 	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(gency for the daycare?	igation- ? □ Yes □ No → Skip to question 8 below cident or death?
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the child What is the license number and licensing at License Number: How long has the daycare been open for but How many people live at the site of the incomposite of the incompo	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(gency for the daycare?	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older)
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the child What is the license number and licensing at License Number: How long has the daycare been open for bits How many people live at the site of the incomparison of the site of adults (18 years or older): 	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(: gency for the daycare?	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old):
 Where did the incident or death occur? Was this the primary residence? No Is the site of the incident or death scene a How many children were under the care of How many adults were supervising the child What is the license number and licensing at License Number: How long has the daycare been open for but How many people live at the site of the inconstruction of adults (18 years or older): Which of the following heating or cooling set 	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(; gency for the daycare?	igation- ? □ Yes □ No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply)
1. Where did the incident or death occur? 2. Was this the primary residence? 0. No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing an License Number: 7. How long has the daycare been open for built 8. How many people live at the site of the inco Number of adults (18 years or older): 9. Which of the following heating or cooling sum Central air Window fan	Incident Scene Investi Series Investi Series Investion Series Investing Series Investion Series Investion	igation- ? □ Yes □ No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat □ Open window(s)
1. Where did the incident or death occur? 2. Was this the primary residence? No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for bits 8. How many people live at the site of the incomplete interval Number of adults (18 years or older): 9. Which of the following heating or cooling state Central air Window fan A/C window unit Gas furnace or	Incident Scene Investi Serie Investi daycare or other childcare setting? the provider at the time of the inc d(ren)?(gency: for the daycare? Agency: Agency: usiness? ident or death scene? Number ources were being used? (Check a Check a Check a Check a Check a	igation- ? □ Yes □ No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat □ Open window(s) ace □ Wood burning stove
1. Where did the incident or death occur? 2. Was this the primary residence? 0. No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing a License Number: 7. How long has the daycare been open for bits 8. How many people live at the site of the incomplete of adults (18 years or older): 9. Which of the following heating or cooling state Central air Window fan A/C window unit Gas furnace or Ceiling fan Electric space heat	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(; gency for the daycare? Agency: usiness? ident or death scene? Number ources were being used? (Check a Electric (radiant) ceil boiler	igation- ? □ Yes □ No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat □ Open window(s) ace □ Wood burning stove e □ Unknown
1. Where did the incident or death occur? 2. Was this the primary residence? 0. No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for b 8. How many people live at the site of the inco Number of adults (18 years or older): 9. Which of the following heating or cooling set Central air Window fan A/C window unit Gas furnace or Ceiling fan Electric space h Floor/table fan Electric baseboar	Yes daycare or other childcare setting? the provider at the time of the inc d(ren)?(; gency for the daycare? Agency: usiness? ident or death scene? Number ources were being used? (Check a Electric (radiant) ceil boiler	igation- ? □ Yes □ No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat □ Open window(s) ace □ Wood burning stove e □ Unknown
1. Where did the incident or death occur? 2. Was this the primary residence? No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for bill 8. How many people live at the site of the incomposition Number of adults (18 years or older): 9. Which of the following heating or cooling se Central air Window fan Ceiling fan Electric space h Floor/table fan Electric baseboat Other, specify: Electric baseboat	The constant of the section of	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat Open window(s) ace Open windo
1. Where did the incident or death occur? 2. Was this the primary residence? 0. No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for b 8. How many people live at the site of the inco Number of adults (18 years or older): 9. Which of the following heating or cooling set Central air Window fan A/C window unit Gas furnace or Ceiling fan Electric space h Floor/table fan Electric baseboar	The constant of the section of	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat Open window(s) ace Open windo
1. Where did the incident or death occur? 2. Was this the primary residence? No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for bill 8. How many people live at the site of the incomposition Number of adults (18 years or older): 9. Which of the following heating or cooling se Central air Window fan Ceiling fan Electric space h Floor/table fan Electric baseboat Other, specify: Electric baseboat	The constant of the section of	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat Open window(s) ace Open windo
1. Where did the incident or death occur? 2. Was this the primary residence? No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for bill 8. How many people live at the site of the incomposition Number of adults (18 years or older): 9. Which of the following heating or cooling se Central air Window fan Ceiling fan Electric space h Floor/table fan Electric baseboat Other, specify: Electric baseboat	The constant of the section of	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat Open window(s) ace Open windo
1. Where did the incident or death occur? 2. Was this the primary residence? No 3. Is the site of the incident or death scene a 4. How many children were under the care of 5. How many adults were supervising the child 6. What is the license number and licensing at License Number: 7. How long has the daycare been open for bill 8. How many people live at the site of the incomposition Number of adults (18 years or older): 9. Which of the following heating or cooling se Central air Window fan Ceiling fan Electric space h Floor/table fan Electric baseboat Other, specify: Electric baseboat	The constant of the section of	igation- ? Yes No → Skip to question 8 below cident or death? (Under 18 years old) 18 years or older) of children (under 18 years old): all that apply) ling heat Open window(s) ace Open windo

-Investigation Summary-

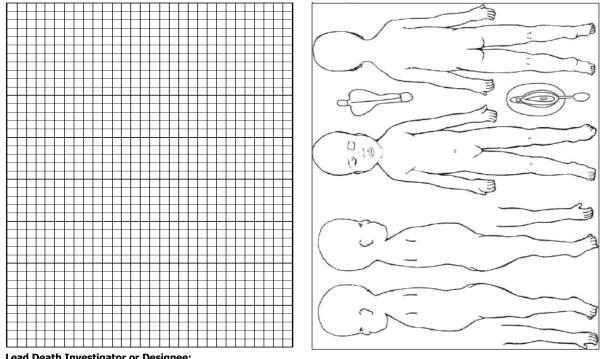
1.	1. Are there any factors, circumstances, or environmental concerns about the incident scene investigation that may have impacted the child that have not yet been identified?							
2.	2. Arrival times:							
	Law enforcement at scene:	:	DSI at scene:	:	Child at hospital:	:		
		Military time		Military time		Military time		

-Investigator's Notes-

Indicate the task(s) performed:							
□ Additional scenes(s)? (Forms attached)	Doll reenactment/scene re-creation	Photos or video taken and noted					
Materials collected/evidence logged	Referral for counseling	EMS run sheet/report					
Notify next of kin or verify notification	911 tape						
Other (explain)							
If more than one person was interviewed, does the information differ? \Box No \Box Yes \rightarrow Detail any differences, inconsistencies of relevant information: (ex. Placed on sofa, last known alive on chair)							

-Investigation Diagrams-Body Diagram:

Scene Diagram:



Lead Death Investigator or Designee:

Signature:	Title:	Date:
Signature:	Title:	Date:

PH-4100

Page 4 of 5

RDA 1094

-Summary for Pathologist-

	Investigator Information:													
Case Information	Name:			Agency:							Phone:			
	Investigated: /			1	/ ; ;			Pronounced dead:					:	
	Month Da			ay Yea	r Mi	r Military Time				Mon	th Day	Year	Military Time	
	Child Information:													
	Last Name:				First:	First:			M. (Case#	Case#	
	Sex: 🗆 Male 🗆 Female			Date of B	Date of Birth: / /				Age:		Years		Months	
	Race: 🗆 White 🗆 B			lack/African Am. 🛛 Asian/Pacific Islande			cific Islander	□ Other Ethnicity: □ Hispanic/Latino						
Sleeping Environment	1.	Indicate	e whether	r prelimina	ry inve	estigation	sug	gests any o	f the follo	wing	:			
	🗆 Yes	Yes 🛛 No Asphyxia (ex. Wedging, choking, nose/mouth obstruction, neck compression, immersion in water)											water)	
slee	🗆 Yes	🗆 No	Hyperth	Hyperthermia/Hypothermia (ex. Hot or cold environments)										
En	🗆 Yes	🗆 No	Environ	Environmental hazards (ex. Carbon monoxide, noxious gases, chemicals, drugs, devices)										
	🗆 Yes	🗆 No	Recent hospitalization											
ıry	🗆 Yes	🗆 No	Previous medical diagnosis											
Child History	🗆 Yes	No	History of acute life-threatening events (ex. Apnea, seizures, difficulty breathing)											
H	🗆 Yes	No	History of medical care without diagnosis											
ild	🗆 Yes	🗆 No	Recent fall or other injury											
CF	🗆 Yes	No	History of religious, cultural, or ethnic remedies											
	🗆 Yes	🗆 No	Cause of death due to natural causes other than SIDS (ex. Birth defects, complications of pre-term birth)											
	🗆 Yes	🗆 No	Prior sibling deaths											
Family Info	🗆 Yes	🗆 No	Previous encounters with police or social service agencies											
Fai Ir	🗆 Yes	🗆 No	Request for tissue or organ donation											
	🗆 Yes	□ No	Objection to autopsy											
Exam	🗆 Yes	🗆 No	Pre-tern	ninal resusc	itative t	treatment								
Ex	🗆 Yes	🗆 No	Death d	ue to traum	na (inju	ry), poisonir	ng, c	or intoxication	I					
	Any "Y	es" ans	wers sho	uld be exp	lained	and detail	ed.	Brief descr	iption of c	ircu	mstance	s:		
ht														
Isig														
r Ir														
stigator Insight														
Inves														
ĥ														
ogi	2. Pathologist Information:													
Pathologi st	Name: Agency:													
Pat	Phone: () - Fax: () -													

PH-4100



CDR Report Form

National Fatality Review

Case Reporting System

Version 5.0



Data entry website: https://data.ncfrp.org

1-800-656-2434 info@ncfrp.org

www.ncfrp.org

SAVING LIVES TOGETHER

Instructions:

This case report is used by Child Death Review (CDR) teams to enter data into the National Fatality Review Case Reporting System (NFR-CRS). The NFR-CRS is available to states and local sites from the National Center for Fatality Review & Prevention (NCFRP) and requires a data use agreement for data entry. The purpose is to collect comprehensive information from multiple agencies participating in a review. The NFR-CRS documents demographics, the circumstances involved in the death, investigative actions, services provided or needed, key risk factors and actions recommended and/or taken by the team to prevent other deaths.

While this data collection form is an important part of the CDR process, it 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.

It is not expected that teams will have answers to all of the questions related to a death. However, over time teams begin to understand the importance of data collection and bring the necessary information to the meeting. The percentage of cases marked "unknown" and unanswered questions decreases as the team becomes more familiar with the form. The NFR-CRS Data Dictionary is available. It contains definitions for each data element and should be referred to when the team is unsure how to answer a question. Use of the data dictionary helps teams improve consistency of data entry.

The form contains three types of questions: (1) select <u>one</u> response as represented by a circle; (2) select <u>multiple</u> responses as represented by a square; and (3) free text responses. This last type is indicated by the words "specify" or "describe."

Many teams ask what is the difference between leaving a question blank and selecting the response "unknown." A question should be marked "unknown" if an attempt was made to find the answer but no clear or satisfactory response was obtained. A question should be left blank (unanswered) if no attempt was made to find the answer. "N/A" stands for "not applicable" and should be used if the question does not apply.

HIPAA Reminder:

Enter identifiable information (names, dates, addresses, counties) into the NFR-CRS if your state/local policy allows. Follow your state laws in regards to reporting psychological, substance abuse and HIV/AIDS status. Please check with your fatality review coordinator if you are unsure. For other text fields, such as the Narrative section or any "specify" or "describe" fields, do not include specific names, dates of birth, dates of death, references to specific counties, practitioners, or facility names in these text fields. Examples: "Evans County EMS" should be "EMS"; "Evans County Children's Hospital" should be "the children's hospital." Why this reminder? Text fields may be shared with approved researchers as noted in our Data Use Agreements. Therefore, entering identified data into those fields would compromise your responsibility under HIPAA.

Additional paper forms can be ordered from the NCFRP at no charge. Users interested in participating in the NFR-CRS for data entry and reporting should contact the NCFRP. This version includes the Sudden and Unexpected Infant Death (SUID) Case Registry and the Sudden Death in the Young (SDY) Case Registry questions.

Copyright: National Center for Fatality Review & Prevention, April 2018

CASE NUMBER									
			Case Type	: O Death		Death (Certificate Number:		
		eace Type	O Near death/serious injury			Birth Certificate Number:			
State / County or Team Num	ber / Year of Review / Seque	ence of Review	Not born alive (fetal/stillborn)				oner Number:		
			Child never left hospital following birth			Date Team Notified of Death:			
A. CHILD INFORMAT	ION								
A1. CHILD INFORMAT	ION (COMPLETE FOR	ALL AGES)							
1. Child's name: First:		Middle:		Last:				U/K	
2. Date of birth: DU/K	3. Date of death: U/K	4. Age: O	Years	5. Race, check all	that apply:	🗆 U/К	6. Hispanic or	7. Sex:	
		0	Months	□ White	Native Ha	waiian	Latino origin?		
		0	Days	Black	Pacific Isl	ander,	⊖ Yes	◯ Male	
		_ 0	Hours	Asian, speci	fy: specify:		O No	○ Female	
mm dd yyyy	mm ′ dd ′ yyyy	0	Minutes	American In	dian, Tribe:		О и/к	0 и/к	
		0	U/K	Alaskan Nat					
8. Residence address:	🗆 и/к		9. Child's v	veight at death:	/ П U/К		11. State of death:		
Street:		Apt.	O Pounds	s/ounces	/				
			⊖ Grams/	-					
City:			10. Child's height at death:			12. County of death:			
State:	Zip: C	ounty:	O Feet/in	ches /					
			OCm						
13. Child had disability or chr	onic illness?	○Yes ○No (⊃ u/ĸ		15. Child's health in:	surance, o	check all that apply:		
If yes, check all that appl	у:				None	e			
Physical/orthopedic	, specify:	If yes, was chi	ild receiving	Children's	Private Other, specify:				
Mental health/subst	ance abuse, specify:	Special Health	-	_	Medicaid		U/K		
Cognitive/intellectua	al, specify:	O Yes (⊃No (Э и/к	State plan	ı			
Sensory, specify:									
🗆 и/к						ip to date with Academy of Pediatrics			
14. Were any siblings placed				Immunization Sc			0		
	es, # O No O U/K				O NA C	Yes C) No, specify:	Ои/к	
If the child never left the hosp	ital following birth, go to A2.		Le u						
17. Type of residence:			18. New residence		19. Residence overcrowded?				
O Parental home		Jail/detention	in past 30 days?		OYes ONo OU/K				
O Licensed group home	O Living on own	Other, specify:	O Yes O No		00.0111		4		
O Licensed foster home	1102			20. Child ever home					
O Relative foster home	O Homeless O	0 U/K		OYes ONo					
22. Child had history of child r			If you have	waa history identifi	d		there an open CPS c of death?	ase with child at	
As Victim As Perpetra		Perpetrator Physical	If yes, how	was history identifie			O Yes C) No O U/K	
O O Yes		_ ,	0	 Through Other so 			U res C		
		Neglect Sexual	_	• • • • • •	Juiles	24 14/00	child ever placed out	side of the home	
	—	Emotional/	If through (or		r to the death?		
U U/K			As Vict		or PS referrals	p0) No ⊖ U/K	
		psychological			ubstantiations		U Tes C		
A2. COMPLETE FOR (<u> </u>					
25. Child's highest education		26. Child's work sta	atus:	27. Did child have p	problems in school?		28. Child had histor	y of intimate partner	
On/A	O Drop out	O N/A			_	Оик		ck all that apply:	
	O HS graduate			If yes, check all			□ N/A		
OPreschool OCollege OFull time							ictim		
O Grade K-8 O Other, specify:		O Part tim					Yes, as perpetrator		
O Grade 9-12		О и/к	-	Suspensio					
O Grade 9-12 O U/K O Home schooled, K-8		O Not working							
O Home schooled, 9-12									
		- 2013							

29. Child's mental health (MH):	30. Child had history of substance abuse?	31. Child had delinquent or criminal history?							
Child had received prior MH services?	○ N/A ○ Yes ○ No ○ U/K	O N/A O Yes O No O U/K							
○ N/A ○ Yes ○ No ○ U/K	If yes, check all that apply:	If yes, check all that apply:							
Child was receiving MH services?	Alcohol Other, specify:	Assaults Other, specify:							
Child on medications for MH illness?	□ Marijuana □ U/K	,							
\bigcirc N/A \bigcirc Yes \bigcirc No \bigcirc U/K		Drugs U/K 32. Child spent time in juvenile detention?							
		\bigcirc N/A \bigcirc Yes \bigcirc No \bigcirc U/K							
Issues prevented child from receiving MH services?	_ '								
	 Prescription drugs Over-the-counter drugs 	33. Child acutely ill in the two weeks before death?							
If yes, specify:		O Yes O № O U/K							
	A3. COMPLETE FOR ALL FETAL/INFANTS UNDER ONE YEAR								
34. Was this case reviewed by both a Fetal/Infant Mortality F	34. Was this case reviewed by both a Fetal/Infant Mortality Review (FIMR) and Child Death Review (CDR/CFR) team? O Yes O No O U/K								
35.Gestational age: □ U/K 36. Birth weight: □ U/K	37. Multiple gestation? 38. Includ	ing the deceased infant, 39. Including the deceased infant,							
		many pregnancies did the how many live births did the							
# weeks O Pounds/ounces		mother have? # \Box U/K birth mother have? # \Box U/K							
40. Not including the deceased infant, number of children	41. Prenatal care provided during pregnancy of dec								
birth mother still has living? # U/K									
	If yes, number of prenatal visits kept: #	_							
	If yes, month of first prenatal visit: Specify 1-9								
42. Were there access or compliance issues related to prena		If yes, check all that apply:							
, , ,	° _	of family/social support Didn't think she was pregnant							
□ Limitations of health insurance coverage □ Could	n't get provider to take as patient Servic	es not available							
Lack of transportation	le providers, not coordinated	st of health care system							
□ No phone □ Could	n't get an earlier appointment	ing to obtain care							
Cultural differences Lack of	of child care Didn't	know where to go							
43. During pregnancy, did mother have any medical condition	ns/complications? O Yes O No	U/K If yes, check all that apply:							
Cardiovascular Endocrine	e/Metabolic STI (continued)	Gynecologic (continued)							
Hypertension - gestational Diabe	tes, type 1 chronic Group B strep	Placental problems							
	tes, type 2 chronic HIV/AIDS								
	tes, gestational								
		□ Other placental, specify:							
_ , _ ,	ystic ovarian disease								
		•							
, _	tion disorder 🗌 Oligohydramnios								
	g disorder Dolyhydramnios	HELLP syndrome							
Anemia (iron deficiency)	_ •	th restriction (IUGR)							
Respiratory Seizu	re disorder Premature ruptu	re of membranes (PROM) Oral health/dental or gum infection							
Asthma Sexually	Transmitted Infection (STI) Preterm prematu	ire rupture of Gastrointestinal							
Pulmonary embolism Bacte	rial vaginosis (BV) membranes (PP	ROM)							
Chlan	nydia 🛛 Incompetent cer	vix Abnormal MSAFP							
Gonol	rrhea 🔲 Umbilical cord co	omplications							
Herpe	es 🗌 Prolapse	□ Other, specify:							
	□ Nuchal cord								
□ Syphi	lis 🛛 Other cord, s	pecify:							
44. Did the mother experience any medical complications in	previous pregnancies? O N/A O	Yes O No O U/K If yes, check all that apply:							
Previous preterm birth	 Previous small for gestational age 								
Previous low birth weight birth	 Previous large for gestational age (greated) 	er than 4000 grams)							
45. Did the mother use any medications, drugs or other subs		No \bigcirc U/K If yes, check all that apply:							
	_								
Antibiotics Anti-hypothyroidism		Marijuana Other pain meds							
Anti-flu/antivirals		☐ Methamphetamine ☐ Other, specify:							
Anti-depressants/anti- Diabetes medication	_ •								
anxiety/anti-psychotics Asthma medication	s Drogesterone/P17	☐ If alcohol, infant born with fetal effects or syndrome?							
If any item is checked, please indicate the generic or bra									
46. Was the infant born drug exposed? O Yes O No O U/K									
47. Did the infant have neonatal abstinence syndrome (NAS)? O Yes O No O U/K									

8. Level of birth hospital: 49. At discharge from the birth hospital, was a case manager assigned to the mother?										
○ 1°		○ N/A, mother did not go to a birth hospital ○ Yes ○ No ○ U/K								
○ 2°		50. Did the mother attend a postpartum visit? O Yes O No O U/K								
⊖ 3°										
Free-standing birth hospital		-	If yes, for what reason(s)? Check all that apply:							
O Home birth		Prematuri			Hypothermia		conium aspiration			
Other, specify:		Low birth	weight 🗌 Sepsis		Jaundice	Coi	ngenital anomalies			
○ и/к		Tachypne	a 🗌 Feedir	ig difficulties	Anemia	□ Oth	Other, specify:			
		Drug/alcol	hol exposure			🗌 U/k	(
52. Did mother smoke in the 3 months before p	pregnancy?	53. Did the mother s	moke at any time	Trimester	1 Trimester 2	Trimester 3	Trimester 3			
O Yes If yes, Avg # cigare	ettes/day	during pregnand	cy?	If yes,		Avg # cigarettes/day				
O No (20 cigarette	-	O Yes ⊂	N₀ Ou/k				(20 cigarettes in pack)			
	• •	0.00 0					U/K quantity			
	ty			_			On quantity			
54. Was mother injured during pregnancy?				55. Did the mother h		pression?				
· · · ·	es, describe:			O Yes O	No O U/K	_				
If this was a fetal death, go to Section B.										
56. Infant ever breastfed? \bigcirc Yes \bigcirc N			57. Did infant have	abnormal metabolic r	ewborn screening	results?				
If yes, any breast milk at 3 months? \bigcirc N/A	⊖Yes ⊖	No O U/K	⊖Yes ⊖	No O U/K						
If yes, exclusively?	⊖Yes ⊖	No O U/K	If yes, describe	any abnormality such	n as a fatty acid o	kidation error:				
If yes, any breast milk at 6 months? ON/A	O Yes O	No O U/K								
If yes, exclusively?	O Yes O									
If ever, was infant receiving breast milk at time										
	_									
	Оик	2								
If the infant never left the hospital following birth	-									
58. At any time prior to the infant's last 72 hour	rs, did the infar	nt have a	59. In the 72 hours	prior to death, did the	infant have any o	of the following?	Check all that apply:			
history of (check all that apply):			None			□c	yanosis			
□ None □ 0	Cyanosis		Fever		Choking	□s	Seizures or convulsions			
	Seizures or cor	nvulsions Excessive s		ing	Diarrhea		ther, specify:			
	Cardiac abnorn	nalities	Lethargy/sleeping							
*	Other, specify:		☐ Fussiness/exces		ng 🗆 U/K					
			Decrease in app		Apnea					
		-	 In the 72 hours prior to death, was the infant given any medications or remedies? Include herbal, 			63. What did the infant have for his/her last meal? Check all that apply:				
	-	any vaccines?	-			_				
○ Yes ○ No ○ U/K	O Yes C) No O U/K		over-the-counter med	lications and	□ Breast m	nilk			
			home remedies.			Formula	, type:			
If yes, describe cause and injuries: If ye	es, list name(s)	of vaccines:	⊖Yes ⊂	No Ou/K		Baby for	☐ Baby food, type:			
						Cereal, t	Cereal, type:			
1		If yes, list name a	and last dose given:		Other, s	pecify:				
			-	-						
						□ u/ĸ				
This space left intentionally blank.										

B. BIO	LOGICAL PARE	ENT INF	ORMAT	ION			No information ava	ailable, go	to Sectior	ı C			
1. Parent	s' race, check all tha	at apply:			2. Parents	s' Hispanic	or Latino origin?	4. Paren	ts' employm	nent status	:	5. Parent	ts' income:
Female	Male		Female I	Male	Female	Male		Female	Male			Female	Male
	□ White			Native Hawaiian	0	O Yes, s	specify origin:	0	⊖ Emp	loyed		0	🔿 High
	Black			Pacific Islander,	0	O No		0	🔿 Uner	mployed		0	O Medium
	Asian, specify:			specify:	0	О и/к		0	🔿 On c	lisability		0	O Low
	American India	in, Tribe:		🗆 и/к	3. Parent	s' age in ye	ears at death:	0	⊖ Stay	-at-home		0	0 и/к
	Alaskan Native	, Tribe:			Female	Male		0	◯ Retir	red			
						#	Years	0	О u/к			1	
						🗆 U/К							
6. Parent	s' education:	7. Parent	ts speak a	and understand	8. Parent	s first gene	ration immigrant?	10. Pare	nts receive	social serv	ices in the	e past twel	lve months?
Female	Male	Englis	h?		<u>Female</u>	Male		Female	Male		Female	Male	
0	○ < High school	Female	Male		0	O Yes,	country of origin:	0	⊖ Yes			□ wic	
0	○ High school	0	O Yes	5	0	O No		0	O No	If yes,		□ Hom	e visiting, specify:
0	○ College	0	O No		0	О ∪/к		0	О и/к	check all		□ TAN	F
	O Post graduate	0	0 U/K		9. Parents	s on active	military duty?			that appl	y:	Medi	ícaid
0	О и/к	lf no, l	anguage	spoken:	Female							□ Food	d stamps/SNAP/EBT
					0	O Yes, :	specify branch:					□ Othe	er, specify:
					0	O No				1		🛛 U/К	
					0	⊖ ∪/к							
	nts have substance			nts ever victim of chile	d	13. Parent	s ever perpetrator o	f maltreatr	ment?	14. Parent	s have dis	ability or c	chronic illness?
abuse	history?		maltr	eatment?		Female	Male			Female	Male		
Female	Male		Female	<u>Male</u>		0	OYes			0	⊖ Yes		
0	OYes		0	○ Yes		0	ONo			0	⊖ No		
0	ONo		0	O No		0	Оu/к			0	О и/к		
0	Оu/к		0	○ и/к		-	check all that apply:			If yes, o	check all t	hat apply:	
-	check all that apply:		-	, check all that apply:			Physical				-		pedic, specify:
	Alcohol			Physical							Ment	al health/s	substance abuse,
				Neglect			□ Sexual —					specify:	
	Marijuana			Sexual			Emotional/psyc	chological					ectual, specify:
	Methamphetan	nine		Emotional/psyc	chological		□u/ĸ					sory, speci	fy:
	Opiates			🗆 U/К			# CPS ref				🗆 U/К		
	Prescription dr			# CPS refe			# Substar						abuse, was parent
	Over-the-count			# Substanti			CPS preventio				ng MH ser	VICES?	
	Other, specify:			Ever in foster of adopted	care or		Family preserv		ices	0	⊖ Yes		
	□u/ĸ			adopted			Children ever r	emoved		0	Ο Ν₀ Ο υ/κ		
										0	∪ U/K		
15 Paror	nts have prior child d	eathe?	1										
Femal		cauls :	lf ves c	ause(s): Check all that	at annly:								
0	O Yes		Female	.,	at uppiy.		Female Male				Female	Male	
0	O No				se #			Suicide #				_	Other #
0	0 и/к				lect #			SIDS #_				_	Other, specify:
Ŭ	0			Accident				_	nined cause	#			U/K
16. Parer	nts have history of in	timate part	ner violer	nce?		17. Paren	ts have delinquent/o	riminal his	story?	If yes, che	eck all that	t apply:	
	Female Male					Female	Male			Female	Male		
1		Yes, as v	ictim			0	O Yes				🗆 Assa	ults	
		Yes, as p	erpetrato			0	O No				Robb	bery	
1		No				0	0 и/к				🗆 Drug	S	
1		U/K									□ Othe	er, specify:	
											🗌 U/К		
1													

1. Prim	ary caregiver(s): Selec	ct only one	each in c	olumns one and two.								2. Caregiver(s) age in years:
One				One	Two		One	Two				<u>One Two</u>
0	Self, go to Sect	tion D		0	OFos	ter parent	0	OOthe	er relative			# Years
0	OBiological moth	er, go to S	Section D	0	OMot	her's partne	r O	OFrie	nd			□ □ υ/к
0	OBiological fathe	r, go to Se	ection D	0	OFath	ner's partner	· 0	OInsti	tutional staf	f		3. Caregiver(s) sex:
0	OAdoptive paren	-		0	OGra	ndparent	0	OOthe	er, specify:			One Two
0	OStepparent			0	OSibli							
						0	0	Оu/к				○ ○Female
												O Ou/k
4. Care	egiver(s) race, check a	II that appl	y:		5. Caregi	ver(s) Hispa	anic or	6. Careg	iver(s) emp	loyment sta	tus:	7. Caregiver(s) income:
One	Two		<u>One</u> T	wo	Latin	o origin?		One	Two			One Two
	□ White] Native Hawaiian	One	Two		0	⊖ Emp	loyed		O O High
	Black			Pacific Islander,	0	⊖ Yes		0	◯ Uner	nployed		O O Medium
	Asian, specify:			specify:	0	⊖ No		0	🔿 On d	isability		O O Low
	American Indian,	Tribe:] и/к	0	О u/к		0	◯ Stay	-at-home		0 0 и/к
	Alaskan Native,	Tribe:			If yes	, specify orig	gin:	0	◯ Retir	ed		
							-	0	O u/ĸ			
8. Care	egiver(s) education:	9. Do car	egiver(s)	speak and	10. Care	giver(s) firs	t generation	12. Care	giver(s) rec	eive social s	services	in the past twelve months?
<u>One</u>	Two	under	stand Eng	llish?	immig			One	Two		<u>One</u>	Two
0	O< High school	One	Two		One	Two		0	⊖ Yes			□wic
0	OHigh school	0	O Ye	s	0	O Yes,	country of origin:	0	⊖ No	If yes,		Home visiting, specify:
0	OCollege	0	O No)	0	O No		0	⊖ и/к	check all		
0	OPost graduate	0	0 u/	к	0	О и/к				that apply	: 🗆	Medicaid
0	Оu/к	lf no	, language	spoken:	11. Care	giver(s) on a	active military duty?	1				Generation Food stamps/SNAP/EBT
					One	Two						Other, specify:
					0	OYes,	specify branch:					
					0	ON₀				I		□и/к
					0	Оu/к						
13. Ca	regiver(s) have substar	nce	14. Careg	giver(s) ever victim of	fchild	15. Caregi	ver(s) ever perpetra	ator of mali	reatment?	16. Caregiv	er(s) ha	ve disability or chronic illness?
ab	use history?		maltre	eatment?		One	Two			<u>One</u>	Two	
One	Two		One	Two		0	O Yes			0	O Yes	
0	O Yes		0	⊖ Yes		0	O No			0	O No	
0	O No		0	O No		0	О и/к			0	0 и/к	
0	0 и/к		0	О и/к		If yes,	check all that apply	:		lf yes, c	heck all	that apply:
lf ye	es, check all that apply:		If yes	, check all that apply:			Physical				D Phy	sical/orthopedic, specify:
	Alcohol			Physical			Neglect				□ Mer	tal health/substance abuse,
	Cocaine			Neglect			Sexual					specify:
	Marijuana			Sexual			Emotional/psy	chological			□ Cog	nitive/intellectual, specify:
	Methamphetam	nine		Emotional/psyc	chological		□∪/к				□ Sen	sory, specify:
	□Opiates			🗆 и/к			# CPS refe	errals			□ и/к	
	Prescription dr	ugs		# CPS refe	rrals		# Substan	tiations		If menta	I health/	substance abuse, was
	Over-the-count	er		# Substanti	iations		CPS prevention	on services		caregive	er receiv	ing MH services?
	Other, specify:			Ever in foster of	are or		□ Family preserv	vation serv	ices	0	() Yes	
	□u/ĸ			adopted			Children ever	removed		0	() No	
										0	0 и/к	
17. Ca	regiver(s) have prior	1	lf yes, ca	ause(s): Check all that	at apply:	18. Careg	iver(s) have history	of intimate	e partner	19. Caregiv	ver(s) ha	ave delinquent/criminal history?
ch	ild deaths?		One	<u>Two</u>		violer	nce?			One	Two	
One	Two			□Child abuse #		One	Two			0	0	ſes
0	⊖ Yes			Child neglect #	#		□Yes, as victi	m		0	0	No
0	⊖ No			Accident #			□Yes, as perp	etrator		0	Οľ	J/K
0	О и/к			Suicide #			□No			lf yes, cl	heck all	that apply:
				□sids #	_		□υ/κ					Assaults
				Undetermined							□ F	Robbery
				cause #	_							Drugs
				□ Other #	_							Other, specify:
				Other, specify:							Π ι	J/K
				□U/K								

						• 41					
D. SUPERVISOR INFO				1					ver left the hospital	following birth	
1. Did child have supervision	at time of i	ncident leading to death?		2. How lo	ng before	incident did super	rvisor last see	child?			
○ Yes, answer D2-16				Select	one:						
O No, not needed given dev	velopmenta	al age or circumstances, go to	Sec. E		•	fsupervisor					
O No, but needed, answer [D3-16			OMinu	ites	. O Da	ays				
O Unable to determine, try t	to answer	D3-16		OHou	's	O u/	К				
3. Is supervisor listed in a pre-	vious secti	on?		4. Primai	y person r	esponsible for sup	pervision at the	e time of i	ncident? Select only		
○ Yes, biological mother,	go to D15	i		OAd	optive pare	ent O Gra	andparent		O Institutional staff	, go to D15	
○ Yes, biological father, g	go to D15			OSte	epparent	◯ Sib	ling		○ Babysitter		
○ Yes, caregiver one, go	to D15			OFo	ster parent	Ooti	ner relative		O Licensed child ca	are worker	
○ Yes, caregiver two, go	to D15			Омо	ther's part	ner O Fri	end		O Other, specify:		
O No				⊖Fa	ther's partr		quaintance		О ∪/к		
		<u>.</u>				О но	spital staff, go	to D15	•		
5. Supervisor's age in years:		6. Supervisor's sex:			7. Superv	visor speaks and	understands E	nglish?	8. Supervisor on ac	tive military duty?	
	U/K	O Male O Female	e ⊖ U/K		0	Yes 🔿 No	Ou/ĸ		O Yes)n₀ Ou/k	
					lf no, l	anguage spoken:			If yes, specify bra	anch:	
9. Supervisor has substance		10. Supervisor has history o	f child maltre	eatment?		11. Supervisor h			12. Supervisor has	prior child	
abuse history?	~		erpetrator			or chronic illn		~	deaths?		
○ Yes ○ No	О и/к	0 O Y				⊖ Yes	O No (⊃u/k	O Yes) № O U/K	
If yes, check all that apply:		0 0 N	lo			If yes, check	all that apply:		If yes, check all t		
Alcohol		0 01	I/K			Physical/o	rthopedic, spe	ecify:	Child abuse		
Cocaine		If yes, check all	that apply:			Mental he	alth/substance	e abuse,	Child neglect		
🗆 Marijuana			hysical			specify:			Accident #		
Methamphetamine			leglect			Cognitive/	intellectual, sp	ecify:	Suicide #		
Opiates			exual			Sensory, s	specify:				
Prescription drugs			motional/ps	ychologica	I	🗆 U/К				d cause #	
Over-the-counter			I/K						Other #		
Other, specify:			# CPS refe	rrals		If mental health/substance abus			use, Other, specify:		
			# Substanti	ations		was supervise	or receiving M	Н			
		П в	ver in foster	r care/adop	oted	services?					
□ и/к			PS prevent	ion service	s	⊖Yes			🗆 и/к		
		□ F	amily prese	rvation ser	vices	⊖ No					
	r –		hildren ever			Оu/к					
13. Supervisor has history of		visor has delinquent	-			was the supervis	or asleep?	16. At tin	ne of incident was su		
intimate partner violence?		minal history?	_			О и/к			• • •) № OU/K	
☐ Yes, as victim		Yes O No O U/K	If yes,	select the	most appr	opriate descriptio	n of the		s, check all that apply	:	
Yes, as perpetrator		check all that apply:				d at incident:			ug impaired, specify:		
	As		0	Night time					cohol impaired		
🗆 и/к			0		nap, descr				stracted		
		•	\cup			example, supervis	or is				
		her, specify:		-	worker), d	escribe:			paired by illness, spe	-	
	U/I	K	0	Other, de	scribe:				paired by disability, s	pecify:	
								⊔ Ot	her, specify:		
E. INCIDENT INFORM	ATION					Answer this sec	tion only if th	ne child e	ver left the hospital	following birth	
1. Was the date of the incider		e as the date of death?			2. Approx	kimate time of day			, ,		
○ Yes, same as date of d			,				O am O pm				
O No, different than date of death. Enter date of incident: / / Hour, specify 1-12											
O U/K	that and		n / dd /	уууу			() U/ŀ	•		4 Type of area:	
3. Place of incident, check all	n rece '	ion/				ar aposif <i>"</i>	 Type of area: Urban 				
Child's home		Licensed child care center		an reservat	1011/			山 Uthe	er, specify:		
Relative's home		Licensed child care home		lands		Other parki	•			O Suburban	
Friend's home		Unlicensed child care home		ary installa						O Rural	
Licensed foster care ho		Farm/ranch		Jail/detention facility		Sports area		□ и/к		O Frontier	
Relative foster care hom		School]Sidewalk			ation area			О и/к	
Licensed group home		Place of work	Roa	away		Hospital					

5. Incident state:	7. Did the death occur due	to a natural 8. Was	the incident witnessed	1? ○Yes ○No	D O UK
	disaster or mass fatality?	? If yes	, by whom? 🛛 Pare	nt/relative	Health care professional, if death
6. Incident county:	⊖ Yes ⊖ No	о О и/к	□ Othe	r caretaker/babysitter	occurred in a hospital setting
	If yes, describe:		🗆 Teac	her/coach/athletic traine	er 🔲 Stranger
9. Was 911 or local emergency called?	O N/A O Yes O No	о О∪/к	□ Othe	r acquaintance	Other, specify:
10. Was resuscitation attempted?	N/A OYes O No	О и/к			
If yes, by whom?		If yes, type of resu	scitation:		If yes, was a rhythm recorded?
□ EMS	Stranger				◯ Yes ◯ No ◯ U/K
Parent/relative	Other, specify:	Automated Exte	ernal Defibrillator (AED))	
Other caretaker/babysitter	I	If no AED, wa	is AED available/acces	sible? Oyes ON	» О U/К
Teacher/coach/athletic trainer	I	If AED, was sl	hock administered?	OYes ON	DOU/K If yes, what was the rhythm?
Other acquaintance	I	lf yes, h	low many shocks were	administered?	_
Health care professional, if death	I	Rescue medicat	tions, specify type:		
occurred in a hospital setting	I	Other, specify:			
11. At time of incident leading to death,				12. Child's activity at ti	ime of incident, check all that apply:
had child used drugs or alcohol?	If yes, check all that apply:			□ Sleeping □W	orking □ Driving/vehicle occupant □ U/K
○ N/A ○ Yes ○ No ○ U/K	Alcohol	Opiate	🗆 и/к	□ Playing □ Ea	ating Other, specify:
	Cocaine	Prescription dru	ugs	13. Total number of de	eaths at incident event, including child:
	🗆 Marijuana	Over-the-count	-	Children,	ages 0-18 OU/K
	Methamphetamine	Other, specify:	-	Adults	с -
F. INVESTIGATION INFORMA	TION				
1. Was a death investigation conducted		On₀ Ou/k	2. Death referred to	o: 3. Person de	eclaring official cause and manner of death:
If yes, check all that apply:				_	cal examiner OMortician
	Law enforcement	Child Protective		OCoron	_
	□ Fire investigator	Services	O Not referred		ital physician
		Other, specify:	O U/K		physician OU/K
Coroner investigator			C ON		
4. Autopsy performed? O Yes				I	
If yes, conducted by: O Forensic		wn type pathologist	If ves. was a special	list consulted during aut	opsy (cardiac, neurology, etc.)?
	pathologist O Other p				es, specify specialist:
	pathologist O Other,			parent or caregiver object	
	раловодот С очлол, О U/К		,,	, and the second s	
5. Were the following assessed either the		information collected	prior to the autopsy?	6.	Were any of these additional tests performed
Please list any abnormalities/s			• • • •		at or prior to the autopsy? Please list
<u>Yes No U/K</u>		<u>No</u> <u>U/K</u>			any abnormalities/significant findings
Imaging:	Exter	rnal Exam:			in F9.
C C X-ray - single	\cup		f general appearance		<u>Yes No U/K</u>
 X-ray - multiple view X-ray - complete ski 	()		*		
		e e	rcumference		O O Cultures for infectious disease
	eletal series Othe	r Autopsy Procedure	es:	rane done?	O O Cultures for infectious disease O O Microscopic/histologic exam
O O O Other imaging, spec	eletal series Othe Cify (includes MRI,	Ar Autopsy Procedure	es: gross examination of o		O O Cultures for infectious disease O O Microscopic/histologic exam O O Postmortem metabolic screen
O O O Other imaging, spec	eletal series Othe Cify (includes MRI,	Ar Autopsy Procedure	es:		O O Cultures for infectious disease O O Microscopic/histologic exam
O O O Other imaging, spec	eletal series Othe cify (includes MRI, O s of the brain, etc): O	Ar Autopsy Procedure	es: gross examination of o		O O Cultures for infectious disease O O Microscopic/histologic exam O O Postmortem metabolic screen O O Vitreous testing
O O O O O O O O O O O O O O O O O O O	eletal series Othe cify (includes MRI, O of the brain, etc): O d? O Yes O No Negative	Autopsy Procedure O Was a g O Were we OU/K Cocaine	es: gross examination of or reights of any organs ta	aken?	O Cultures for infectious disease O Microscopic/histologic exam O Postmortem metabolic screen O Vitreous testing O Genetic testing
 O Other imaging, spec CT scan, photos 7. Was any toxicology testing performed If yes, what were the results? Check all that apply: 	eletal series Othe cify (includes MRI, O of the brain, etc): O d? O Yes O No Negative I Alcohol	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana Marijuana	es: gross examination of or reights of any organs ta display the second	aken?	O Cultures for infectious disease O Microscopic/histologic exam O Postmortem metabolic screen O Vitreous testing O Genetic testing specify: Other, specify: , specify: U/K
 O Other imaging, spec CT scan, photos 7. Was any toxicology testing performed If yes, what were the results? Check all that apply: 8. Was the child's medical history review 	eletal series Othe cify (includes MRI, O of the brain, etc): O d? O Yes O No D Negative D Alcohol M wed as part of the autopsy?	Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana OYes O No C	es: gross examination of or reights of any organs ta Methamphetamine Opiates	aken? ☐ Too high Rx drug, s ☐ Too high OTC drug, 9.	O O Cultures for infectious disease O O Microscopic/histologic exam O O Postmortem metabolic screen O O Vitreous testing O O Genetic testing Specify: □ Other, specify: Describe any abnormalities or other significant
 O Other imaging, spec CT scan, photos 7. Was any toxicology testing performed If yes, what were the results? Check all that apply: 8. Was the child's medical history review If yes, did this include: Review of 	eletal series Othe cify (includes MRI, O of the brain, etc): O d? O Yes O No D Negative D Alcohol Med as part of the autopsy? of the newborn metabolic scree	Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana OYes O No C en results? OY	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K /es ONO U/K (Aken?	O O Cultures for infectious disease O O Microscopic/histologic exam O O Postmortem metabolic screen O O Vitreous testing O O Genetic testing specify: □ Other, specify: specify: □ U/K
 O Other imaging, spec CT scan, photos 7. Was any toxicology testing performed If yes, what were the results? Check all that apply: 8. Was the child's medical history review If yes, did this include: Review of 	eletal series Othe cify (includes MRI, O a of the brain, etc): O a? Yes No Negative Alcohol Wed as part of the autopsy? of the newborn metabolic scree of neonatal CCHD screen resu	r Autopsy Procedure O Was a g O Were we OU/K C Cocaine Marijuana O Yes No C ren results? OY	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K /res O No O U/K O /res O No O U/K O	Aken?	Cultures for infectious disease Cultures for infectious disea
 O Other imaging, spec CT scan, photos 7. Was any toxicology testing performed If yes, what were the results? Check all that apply: 8. Was the child's medical history review If yes, did this include: Review o Review o 	eletal series Othe cify (includes MRI, O of the brain, etc): O O Negative O Alcohol O He newborn metabolic scree of neonatal CCHD screen resu ne team 12. Wa	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana OYes No C en results? Yats? OY as a death scene inve	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K /res ONo OU/K O /res ONo OU/K O stigation conducted at	iken?	Cultures for infectious disease Cultures for infectious disea
O O	eletal series Othe cify (includes MRI, O of the brain, etc): O O Negative O Alcohol O He newborn metabolic scree of neonatal CCHD screen resu ne team 12. Wa	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana OYes No C en results? Yats? OY as a death scene inve	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K /res ONo OU/K O /res ONo OU/K O stigation conducted at	Aken?	Cultures for infectious disease Cultures for infectious disea
O O	eletal series Othe cify (includes MRI, O of the brain, etc): O O Negative O Alcohol O Med as part of the autopsy? If the newborn metabolic scree of neonatal CCHD screen resu ne team 12. Wa	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana O Yes O No O een results? OY as a death scene inve If yes, which of the	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K Yes ONO U/K O restigation conducted at a following death scene	Aken?	Cultures for infectious disease Cultures for infectious disea
O O	eletal series Othe cify (includes MRI, O of the brain, etc): O O Negative O Alcohol O Med as part of the autopsy? If the newborn metabolic scree of neonatal CCHD screen resu ne team 12. Wa	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana O Yes O No O en results? OY as a death scene inve If yes, which of the Yes No UK	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K Yes ONO U/K O restigation conducted at a following death scene	Aken?	Cultures for infectious disease Cultures for infectious disea
O O	eletal series Othe cify (includes MRI, O is of the brain, etc): O d? Yes No Degative D Alcohol Wed as part of the autopsy? of the newborn metabolic scree of neonatal CCHD screen result he team 12. Was	r Autopsy Procedure O Was a g O Were we U/K Cocaine Marijuana O Yes O No O en results? Yes O Yo as a death scene inve If yes, which of the Yes No U/K O O U/K O O O O	es: gross examination of or leights of any organs ta Methamphetamine Opiates U/K Yes ONO U/K C estigation conducted at te following death scene CDC's SUIDI Repor	Aken?	Cultures for infectious disease Microscopic/histologic exam Postmortem metabolic screen Vitreous testing Genetic testing Specify: Other, specify: specify: U/K Describe any abnormalities or other significant findings noted in the autopsy: t? Yes No U/K If yes, shared with review team? al equivalent Yes No
O O O O O O O ther imaging, spec CT scan, photos CT scan, photos CT scan, photos O O If yes, what were the results? Check all that apply: S. Was the child's medical history review If yes, did this include: Review o Review o 10. What additional information would th like to have known about the autopsy	eletal series Othe cify (includes MRI, O s of the brain, etc): O Negative Alcohol Wed as part of the autopsy? of the newborn metabolic scree of neonatal CCHD screen result he team 12. Wa cause of death	r Autopsy Procedure O Was a g O Were we U/K Cocaine Marijuana O Yes No C en results? Y as a death scene inve If yes, which of the Yes No U/K O Y as a death scene inve If yes, which of the O Y O O O O O O O O O O O O O O O O O O	es: gross examination of or leights of any organs ta Diates U/K /es ONO U/K (/es ONO U/K (res ONO U/K (res ONO U/K (res Olowing death scener CDC's SUIDI Repor Narrative description	Aken?	Cultures for infectious disease Microscopic/histologic exam Postmortem metabolic screen Vitreous testing O Vitreous testing O Genetic testing Specify: Other, specify: U/K Describe any abnormalities or other significant findings noted in the autopsy: If yes, shared with review team? al equivalent Yes No
O O	eletal series Othe cify (includes MRI, O s of the brain, etc): O Negative Alcohol Media Spart of the autopsy? of the newborn metabolic scree of neonatal CCHD screen result he team 12. Wa ? cause of death the death	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Anijuana Yes No O en results? Yas a death scene inve If yes, which of the Yes No U/K O O O O O O O O O O	es: gross examination of or leights of any organs ta) Methamphetamine) Opiates) U/K /es ONO U/K (/es ONO U/K (estigation conducted at e following death scene CDC's SUIDI Repor Narrative description Scene photos	Aken?	Cultures for infectious disease Microscopic/histologic exam Postmortem metabolic screen O Vitreous testing O Genetic testing Specify: Other, specify: Bescribe any abnormalities or other significant findings noted in the autopsy: If yes, shared with review team? al equivalent Yes No
O O	eletal series Othe cify (includes MRI, O s of the brain, etc): O Negative Alcohol Media Spart of the autopsy? of the newborn metabolic scree of neonatal CCHD screen result he team 12. Wa ? cause of death the death	r Autopsy Procedure O Was a g O Were we OU/K Cocaine Marijuana O Yes No O en results? Yults? VY as a death scene inve If yes, which of the Yes No U/K O O O O O O O O O O O O O O O O O O O	es: gross examination of or reights of any organs ta Methamphetamine Opiates U/K /es ONO U/K C /es ONO U/K C /estigation conducted at a following death scene CDC's SUIDI Repor Narrative description Scene photos Scene recreation wi	Aken?	O Cultures for infectious disease O Microscopic/histologic exam O Postmortem metabolic screen O Vitreous testing Genetic testing Genetic testing specify: Other, specify: specify: U/K Describe any abnormalities or other significant findings noted in the autopsy: t? Yes If yes, shared with review team? al equivalent Yes Yes No
 O Other imaging, spec CT scan, photos Was any toxicology testing performed If yes, what were the results? Check all that apply: 8. Was the child's medical history review If yes, did this include: Review o Review o 10. What additional information would the like to have known about the autopsy 11. Was there agreement between the or listed on the pathology report and on certificate? O N/A O Yes O 	eletal series Othe cify (includes MRI, O is of the brain, etc): O d? Yes Megative Image: Comparison of the autopsy? if the newborn metabolic screeneres if the death /? cause of death the death) No U/K	r Autopsy Procedure O Was a g O Were we CU/K Cocaine C Marijuana O Yes No C en results? OY as a death scene inve If yes, which of the Yes No U/K O O O O O O O O O O O O O O O	es: gross examination of or leights of any organs ta Divide the second secon	Aken?	○ ○ Cultures for infectious disease ○ ○ Microscopic/histologic exam ○ ○ Postmortem metabolic screen ○ ○ Vitreous testing ○ ○ Genetic testing specify: □ Other, specify: □ □ U/K Describe any abnormalities or other significant findings noted in the autopsy: If yes, shared with review team? It? ○ Yes ○ No □ If yes, shared with review team? al equivalent ○ Yes ○ No ○ ○ Yes ○ No ○ Yes ○ No ○ Yes ○ No ○ Yes ○ No ○ Yes ○ No

14. Was a CPS record check of	conducted as a result of death?) Yes (No (U/K		
15. Did any investigation find evidence of prior abuse?	16. CPS action taken because of	of death? O N/A O Yes	○ No ○ U/K	17. If death occurred in
				licensed setting (see E3),
ON/A OYes ONo (U/K If yes, highest level of action	If yes, what services or actions result	ted? Check all that apply:	indicate action taken:
If yes, from what source?	taken because of death:			O No action
Check all that apply:	Report screened out	Voluntary services offered	Court-ordered out of ho	2
□ X-rays □	U/K and not investigated	Voluntary services provided	placement	C License revoked
Autopsy	O Unsubstantiated	Court-ordered services provided	Children removed	O Investigation ongoing
CPS review		□ Voluntary out of home placement	Parental rights terminal	
Law enforcement	◯ Substantiated		🗆 U/К	Оик
G. OFFICIAL MANNER	AND PRIMARY CAUSE OF DEA	ſH		
	de (ICD-10) assigned to this case by Vital I		sponding number (e.g., W75)	or V94 4) and include up
to one decimal place if appli				
2. Enter the following informati	on exactly as written on the death certificat	e: 🗌 U/K		
Immediate cause (fin	al disease or condition resulting in death):			
a.				
Sequentially list any	conditions leading to immediate cause of d	eath. In other words, list underlying dis	sease or injury that initiated e	vents resulting in death:
b.				
C.				
d.				
3. Enter other significant condi	tions contributing to death but not the unde	rlying cause(s) listed in G2 exactly as v	written on the death certificate	:: 🗆 U/К
If injury, describe how injury	occurred exactly as written on the death c	ertificate: U/K		
5. Official manner of death	6. Primary cause of death: Choose only 1	of the 4 major categories, then a speci	fic cause. For pending, choos	e most likely cause
from the death certificate:		······································		
	From an injury (external cause). Sele	ect one and OFrom a medical ca	ause Selectione	Undetermined if injury or U/K
O Natural	answer G4:		atory, specify and go to H8	medical cause, go to 11 go to 11
O Accident	OMotor vehicle and other transport,	, ,		
O Suicide	\bigcirc Fire, burn, or electrocution, go to H	· _ · · ·	r, specify and go to H8	
	O Drowning, go to H3	_	omaly, specify and go to H8	
0				
0	O Unintentional asphyxia, go to H4	Diabetes, go to part, go to H5 OHIV/AIDS, go to		
°,				
0 и/к	Fall or crush, go to H6 Deicercies, eventeer or evente inter	Influenza, go t		
	O Poisoning, overdose or acute into:		-	
	go to H7	<u> </u>	ehydration, go to H8	
	OUndetermined injury, go to I1		eizure disorder, go to H8	
	Other cause, go to H9		pecify and go to H8	
	◯ U/K, go to I1	O Prematurity, g		
		SIDS, go to H		
		○ Other infectior	n, specify and go to H8	
		◯ Other perinata	I condition, specify and go to	H8
		O Other medical	condition, specify and go to H	18
		OUndetermined	medical cause, go to H8	
		O U/K, go to H8		

H. DE	ETAILE	D INFORMATION	BY CAUSE OF	DEATH:	сноо	SE THE	ONE S	SECTION T	HAT IS SAME	AS THE	CAUSE SELEC	TED ABOVE
H1. I	мотор	VEHICLE AND C	OTHER TRANSP	ORT								
a. Vehic	les involv	ed in incident:	b. Position of child						c. Causes of incide	nt, check a	II that apply:	
Total	number o	of vehicles:	ODriver						□ Speeding over	r limit	Back/fro	nt over
Child	l's Other	primary vehicle	OPassenger	If pass	enger, rel	ationship o	f driver t	to child:	Unsafe speed	for condition	ons 🗆 Flipover	
0	0	None	O Front s	eat i		ogical pare	nt				Poor sig	ht line
0	0	Car	O Back s		~	ptive paren			Ran stop sign	or red light	•	
0	0	Van							Driver distract	-	Road ha	
0	0	Sport utility vehicle	O Other,			er parent			Driver inexper		Animal i	
Õ	0	Truck	Ou/ĸ	opoonj.	~	her's partne	٥r		Mechanical fai			ne use while driving
0	0	Semi/tractor trailer	O On bicycle		~	ier's partne			Poor tires	liure		not authorized
0	0	RV	O Pedestrian		-	ndparent			Poor weather			iver error, specify:
0	0	School bus	OWalkin		Osibli	•			Poor visibility			iver enor, speeny.
0	0	Other bus			-	er relative			Drugs or alcor		C Other e	nonifiu
0	0		-	• •							Other, s	pecny.
		Motorcycle	Other,	specity:	-				Fatigue/sleepi	-	🗆 и/к	
0	0	Tractor	Оик			er, specify:			Medical event	, specity:	L U/K	
0	0	Other farm vehicle	Ои/к		Оu/к							
0	0	All terrain vehicle	d. Collision type:					•	, check all that		ocation of incident, o	
0	0	Snowmobile	OChild not in/on			er event,	apply:				City street	Driveway
0	0	Bicycle	but struck by ve	hicle	spec	city:			Inadequa		Residential street	Parking area
0	0	Train	OChild in/on a ve					ose gravel	lighting		Rural road	□ Off road
0	0	Subway	struck by other	vehicle			П Мі	uddy	☐ Other,		Highway	RR xing/tracks
0	0	Trolley	OChild in/on a ve		Оu/к			e/snow	specify:		Intersection	Other, specify:
0	0	Other, specify:	that struck othe	r vehicle			□ Fo	g			Shoulder	
			OChild in/on a ve	hicle			Πw	et	🗆 и/к		Sidewalk	🗌 U/K
\circ	0	U/K	that struck pers	on/object				onstruction zo	one			
g. Driver	rs involve	d in incident, check all	that apply:									
Child a	s driver	Child's driver Drive	r of other primary ve	hicle		Child as	driver	Child's drive	er Driver of other	primary ve	hicle	
		Age of Driver Ag	e of Driver							Has a gra	aduated license	
		0	<16 years							Has a full	license	
		0	O 16 to 18 years	old						Has a full	license that has be	en restricted
		0	19 to 21 years	old						Has a sus	spended license	
		0	O 22 to 29 years	old						If recreati	ional vehicle, has dr	iver safety certificate
		0	30 to 65 years	old						Other, sp	ecify:	
		0	>65 years old							Was viola	ating graduated licer	nsing rules:
		0	U/K age							Nightt	ime driving curfew	
			Responsible f	or causing ir	ncident					Passe	enger restrictions	
			U Was alcohol/c	rug impaire	d					Drivin	g without required s	upervision
			Has no license	e						Other	violations, specify:	
			Has a learner	s permit						U/K		
h. Total	number c	of occupants in vehicle										
	In child'	s vehicle, including chi	ild:				In of	ther primary w	vehicle involved in in	ncident:		
			d was not in a vehicle	9					N/A, incident was a	0		
			er of occupants:		□ U/K				otal number of occu		U/ł	
			teens, ages 14-21:						umber of teens, age		U/ł	
			er of deaths:		□ U/K				otal number of deat		U/ł	
		Total numb	er of teen deaths:		□ ∪/к			То	otal number of teen	deaths:	U/ł	(
i. Prote	ctive mea	sures for child,	Not	Needed,	<u>F</u>	Present, use	ed	Present, use	ed Present,			
Selec	t one opti	on per row:	Needed	none preser	nt	correctly		incorrectly	not used	<u>i</u>	<u>U/K</u>	
1	Airbag		0	0		0		0	0		0	
1	Lap bel	t	0	0		0		0	0		0	*If child seat, type:
1	Shoulde	er belt	0	0		0		0	0		0	O Rear facing
1	Child se	eat*	0	0		0		0	0		0	O Front facing
1	Belt pos	sitioning booster seat	0	0		0		0	0		0	Ои/к
1	Helmet		0	0		0		0	0		0	
	Other, s	specify:	0	0		0		0	0		0	

H2. FIRE, BURN, OR	ELECTR	OCUTION										
a. Ignition, heat or electrocut	tion source:					b. Type o	of incident:			c. For fire,	child died	from:
O Matches	⊖ Heatin	ig stove		С	Other explosives	⊖ Fi	re, go to c			01	Burns	
O Cigarette lighter	⊖ Space	heater C	Oxygen tank	С	Appliance in water	Oso	ald, go to r			0:	Smoke inh	alation
O Utility lighter	O Furnad	ce C	Hot cooking water	r C	Other, specify:	00	her burn, g	jo to t		0	Other, spe	cify:
O Cigarette or cigar	O Power	line C	Hot bath water			OE	ectrocution	, go to s				
◯ Candles	○ Electri	cal outlet	Other hot liquid, s	pecify:		0 01	her, specif	y and go to	o t	0	J/K	
O Cooking stove	⊖ Electri	cal wiring C	Fireworks	C) и/к	O u/	K, go to t					
d. Material first ignited:	e. Type c	of building on fire:	f. Building's primary	у	g. Fire started by a	person?		h. Did any	one attem	pt to put ou	t fire?	
○ Upholstery	O N/#	4	construction mate	erial:	O Yes O No	0U/k	< C	⊖ Yes	⊖ No	Ou/ĸ		
◯ Mattress	⊖ Sin	ngle home	⊖ Wood					i. Did escape or rescue efforts worsen fire?				
O Christmas tree	() Du	plex	◯ Steel		If yes, person's ag	e		○ Yes ○ No ○ U/K				
○ Clothing	ОАр	artment	O Brick/stone		Does person have	a history	of	j. Did any factors delay fire department arrival?				
◯ Curtain	⊖ Tra	ailer/mobile home			setting fires?			○ Yes ○ No ○U/K				
O Other, specify:	Oott	ner, specify:	O Other, specif	fy:	O Yes ○ No) Ou/k	(If yes, specify:				
О и/к	○ u/ŀ	<	О u/к									
k. Were barriers preventing							m. Were building/rental codes violated?				tinguishers	3
OYes ON₀ OU/	OYes ON₀ OU/K OYes ON₀ OU/K					⊖Yes ⊖No ⊖U/K						
						e.		⊖ Yes	O №	⊖ и/к		
If yes, check all that apply:		o. Was sprinkler sy	•	p. Were	smoke detectors pre	sent?	⊖ Yes	O No	О и/к			
Locked door		⊖Yes ⊖No	OU/K									
Window grate	lf yes, w	/hat type?	If yes, fu	inctioning p	oroperly?	If not fur	ctioning pro	operly, rea	son:			
Locked window	•						Missing	batteries	Other	U/K		
Blocked stairway	Blocked stairway OYes O No OU/K					OYes	⊖ No	О ∪/к				
Other, specify:						OYes	O №	O U/K				
				Hardv	vired	OYes	O №	О u/к				
□ и/к				□ _{U/K}		OYes	O №	0 и/к	[
									Other, spe			
					was there an adequa	() Yes	O №	О u/к				
q. Suspected arson?		r. For scald, was ho set too high?	ot water heater	-	ectrocution, what cau	ISE:	t. Other,	describe ir	ı detail:			
○ Yes ○ No ○ U/	K				ectrical storm							
		O N/A			ulty wiring							
		O Yes, temp. s	setting:		ire/product in water							
					nild playing with outle	t						
		О и/к			her, specify:							
				Ou/	ĸ	_		_	_			
H3. DROWNING		1			T			T				
a. Where was child last seen			ast seen doing before	e	c. Was child forcibl	ly submerg	jed?	d. Drown	ing location	n:		
drowning? Check all that		drowning?			O Yes O No	O ∪/k	(oen water,	•		, go to n
□ In water □ In ya	rd	O Playing								, spa, go to	i	
On shore In ba		OBoating	OWaterskiing						athtub, go t			
On dock In ho	use	O Swimming	○ Sleeping						icket, go to			
Poolside Othe	r, specify:	OBathing	O Other, specif	fy:						septic, go to	n	
		○ Fishing							oilet, go to a			
□ U/K		O Surfing	О u/к					Oot	her, specif	y and go to	n	
e. For open water, place:			contributing environm	nental	g. If boating, type	of boat:			-	the child pile	oting boat	?
O Lake O Qua	rry	factors:			◯ Sailboat	⊖ Com	mercial	OYes	O №	⊖ и/к		
O River O Grav	•	○ Weather	O Drop off		◯ Jet ski	O Othe	er, specify:					
O Pond O Can		 Temperature Current 	O Rough wave		OMotorboat							
O Creek O U/K	ify:	Canoe	-									
O Ocean	◯Kayak ◯ U/K											
	◯ Raft											
i. For pool, type of pool: j. For pool, child found: k. For pool, ownership is: I. Length of time owners had p									ners had po	-		
O Above ground		O In the pool/h		O Private				○ N/A ○ >1yr				
O In-ground O Hot	tub, spa	O On or under	the cover				○ <6 months ○ U/K					
○ Wading ○ U/K		0 и/к			○ U/K ○ 6m-1 yr							

m. Flotation dev	ce used?						n. What barriers/	lavers of prot	ection existed
ON/A	If yes, check all that	apply					to prevent acc	• •	
OYes					Coast Guard app	proved 🗆 U/K			
				I —			Check all that		¬
	Jacket		Lifesaving ring		Swim rings				☐ Alarm, go to r
Ои/к	If jacket:		~ ~		Inner tube		Fence, go		Cover, go to s
	Correct				Air mattress		Gate, go to	•] U/K
	Worn co	orrectly? O Yes	O № O U/K		Other, specify:		Door, go to	pq	
		r							r
o. Fence:		p. Gate, check all th	nat apply:	q. Door, o	check all that ap	oply:	r. Alarm, check all	I that apply:	s. Type of cover:
Describe type:		Has self-c	losing latch		Patio door	Opens to water	🗆 Door		OHard
Fence height i	n ft	Has lock			Screen door	Barrier between	Windov	v	◯ Soft
Fence surroun	ds water on:	□ Is a doubl	e gate		Steel door	door and water	Pool		О∪/к
○ Four sides	○ Two or	Opens to	water		Self-closing	🗆 и/к	🗆 Laser		
O Three side	s less sides	🗆 и/к			Has lock		🗆 и/к		
	О и/к								
t. Local ordinance	e(s) regulating	u. How were layers	of protection breach	ed? Check	all that apply:				
access to wate	r?	🗆 No la	ayers breached	🗆 Gap	in fence	Door screen to	rn	Cover le	ft off
⊖Yes ⊖r	No ○ U/K	□Gate	e left open	Dam	aged fence	Door self-close	er failed	Cover n	ot locked
		Gate	unlocked	Fence	e too short	U Window left op	en	Other, s	pecify:
If yes, rules vi	olated?	Gate	latch failed		left open	Window screer			
O Yes O I		□Gap	in gate		unlocked	Alarm not work			
0.00 0.1		-	bed fence			☐ Alarm not answ	•	□u/κ	
			bed lence		DIOKEII		wereu		
v. Child able to sv	im?	w. For bathtub, child	d in a bathing aid?		v. Worping oig	n or label posted?	y. Lifeguard prese	nt?	
ON/A	ON0	W. For balfillub, crinic O Yes O No					ON/A		
⊖n/A ⊖Yes		_			⊖n/A ⊖Yes	0 и/к	⊖N/A ⊖Yes		
Ores	U/K	If yes, specify t	ype:		⊖ Yes	∪ U/K	U Yes	U/r	、
z. Rescue attemp	h				na Didanaaa	-(-) -l	hh Annanistan		
z. Rescue attemp						r(s) also drown? ONo	bb. Appropriate re		
	If yes, who? Che				-		-	ON0	
◯ Yes		Bystander			OYes	Ои/к	OYes	Ou/ł	ί.
	Other chil		ecity:		If yes, nun that drown	nber of rescuers			
О u/к	Lifeguard	🗆 и/к			that drown	ieu			
	1								
H4. UNINTE	ENTIONAL ASPHY	'XIA							
a. Type of event:		b. If suffocation/asp	hyxia, action causing	g event:		_			
○ Suffocation	i, go to b	Sleep-related (e.g. bedding, overla	y, wedged)	O Coi	nfined in tight space)Swaddled in tight	blanket, but	not sleep-related
◯ Strangulati	on, go to c	O Covered in or t	fell into object, but n	ot sleep-rel	ated O R	Refrigerator/freezer	Wedged into tigh	t space, but	not sleep-related,
O Choking, g	o to d	◯ Plastic ba	g		От	oy chest	specify:		
O Other, spe	cify and go to e	O Dirt/sand			O a	Automobile	Asphyxia by gas,	go to H7g	
		Other, spe	ecify:		(Other, specify:		
O U/K, go to	e	Ou/ĸ			(Other, specify:)и/к		
					(Эи/к			
					0 c	Other, specify:			
					Οu	J/K			
c. If strangulation	, object causing event:	Į	d. If choking, objec	t	e. Was asphys	xia an autoerotic event?	g. History of seize	ures?	
	OLeash		causing choking			Yes 🔿 No 🛛 OU/K			If yes, #
OBlind cord	O Electrical core	ł	O Food, specify	<i>r</i> :		-	If yes, witnessed	? ○Yes	ON₀ OU/K
OCar seat	O Person, go to		O Toy, specify:		f. Was child pa	articipating in	h. History of apne		
	O Automobile p		O Balloon			ne' or 'pass out game'?			If yes, #
OHigh chair	or sunroof		O Other, specif	v:	O N/A C	Yes O No OU/K	If yes, witnessed		ON₀ OU/K
	Other, specif	<i>I</i> .		J.			i. Was Heimlich N		
		,.							
Choperating	U UIK							, 0/K	

H5. ASSAULT, WEAP	ON OR	PERSON'S	BODY PART									
a. Type of weapon:		b. For firearn	ns, type:	c. Firearm	n licensed	?		d. Firearm safety	features, che	eck all that	apply:	
O Firearm, go to b		⊖ Handg	un	⊖ Yes	O No	Оu/к		Trigger loc	k		Magazine	disconnect
O Sharp instrument, go to	j	⊖ Shotgu	ın					Personaliza	ation device		Minimum	trigger pull
O Blunt instrument, go to P	K	⊖ BB gur	n					External sa	afety/drop saf	fety 🗆]Other, spe	ecify:
O Person's body part, go t	ol	OHuntin	g rifle					Loaded cha	amber indica	tor 🗆]U/K	
O Explosive, go to m			t rifle	e. Where	was fireari	m stored?				f. Firearm	n stored wi	th
O Rope, go to m		◯ Air rifle	9	ONot	stored	(CUnc	der mattress/pillow	,	ammun	ition?	
O Pipe, go to m		◯ Sawed	l off shotgun	OLoc	ked cabin	et () Oth	ner, specify:		⊖ Yes		⊖ и/к
O Biological, go to m		O Other,	specify:	OUnl	ocked cab	vinet				g. Firearr	m stored lo	aded?
Other, specify and go to	m			OGlo	ve compa	rtment () U/K	<		⊖ Yes	O No	⊖ ∪/к
O U/K, go to m		Оu/к										
h. Owner of fatal firearm:						i. Sex of fatal		j. Type of sharp of	object:		k. Type of	f blunt object:
O U/K, weapon stolen	⊖ Gr	andparent	O Co-	worker		firearm owne	er:	O Kitchen kn	ife		OBat	
O U/K, weapon found	() Sit	bling		titutional st	aff	◯ Male		O Switchblad	e		O Clu	ıb
◯ Self	⊖ Sp	ouse	() Nei	ghbor		○ Female		O Pocketknife	e		⊖ Stie	ck
O Biological parent	Ooti	ner relative	ORiv	- al gang me	ember	О u/к		◯ Razor			⊖на	mmer
O Adoptive parent	() Fri	end	⊖ Stra					O Hunting kn	ife		O Ro	ck
◯ Stepparent	-	quaintance	-	v enforcem	ent			◯ Scissors			Оно	usehold item
O Foster parent	-	ild's boyfriend		er, specify				O Other, spe	cifv [.]			her, specify:
O Mother's partner		girlfriend	0.04	ioi, opooiij							0 0.	ion, opcony:
O Father's partner	\bigcirc cir	assmate	O U/k					О u/к			O U/ł	(
	0.06	issinate	0.0/1	,				O UN			0.0	(
I. What did person's body	m Did na	erson using we	anon have	o Person	s handling	weapons at tim	ne of i	incident, check all	that apply:			p. Sex of person(s)
part do? Check all that		of weapon-re			nd/or Othe			Fatal and/or O				handling weapon:
apply:	offens					Self						3 3 1
Beat, kick or punch	ΟYe					Biological pare	nt					Fatal weapon:
						Adoptive paren				ovfriend or	airlfriand	
□ Diop □ Push						Stepparent	n			•	girimenu	
Bite			I's family have									O U/K
□ Bite □ Shake		ory of weapon	-			Foster parent			_			U/K
		weapons-relat				Mother's partne			_	iai starr		0#
Strangle/choke	~					Father's partne	er		Ũ			Other weapon:
☐ Throw	U Ye	es, describe ci	rcumstances:			Grandparent			0	g member		
						Sibling			Stranger		~	
Burn	<u> </u>					Spouse			Law enfor		licer	0 и/к
Other, specify:						Other relative				ecity:		
□ и/к	() U	К] U/K			
q. Use of weapon at time, che	ck all that	annly:										I
 Gelf injury 	_	appiy.] Child was a	byetander	🗌 Bullyi	na		Г] Showing gun to	othere		Loading w	weapon
Commission of crime		Argument	Systanuel	Hunti	-			_ 00			•	r assisting crime
_	_	_ 0			-	_		_				ood Samaritan)
Drug dealing/trading Drive-by shooting	_	Jealousy	4	_ •	et shooting				uvity			
Random violence		Intimate par	ther violence	-	ng with we			Self-defense	_		Other, spe	ecity:
	L	Hate crime			oon mistai	ken for toy		Cleaning weapo	'n		U/K	
H6. FALL OR CRUSH												
a. Type:	b. Height	of fall:	Child fell from:									
a. Type: O Fall, go to b	u. Height		Open window	C) Natural	alevation	C	⊃Stairs/steps		object or -	acifu: (OAnimal, specify:
Crush, go to h		1001	•	_		elevation ide elevation				object, spe		Other, specify:
		inches	Screen			und equipment					(→ Other, specify:
		U/K	Screen Screen So So O U/K if screen) Playgrou	una equipment) Roof			,	⊃u/ĸ
		UIN			/ nee		C	RUUI			C	
				1								

d. Surface child fell onto:	e. Barrier	in place:	f. Child in a baby w	alker?	h. For crush, did ch	nild:	i. For crus	sh, object c	ausing cru	ish:	
O Cement/concrete	Check	all that apply:	O N/A		O Climb up on	object	О Ар	pliance		O Dirt/sa	ind
⊖ Grass	□No	ne	⊖ Yes		O Pull object do	own	O Te	levision		O Persor	n, go to H5q
◯ Gravel	□Sc	reen	O No		O Hide behind	object	⊖ Fu	rniture		⊖ Comm	ercial equipment
O Wood floor	□Otl	her window guard	О и/к		O Go behind ol	bject	O wa	alls		O Farm	equipment
O Carpeted floor	□Fe	nce	g. Was child pushe	d,	O Fall out of ob	ject	O Pla	ayground e	quipment	O Other,	specify:
O Linoleum/vinyl	□Ra	iling	dropped or throw	/n?	O Other, specif	īy:	⊖ An	imal			
O Marble/tile	□Sta	airway	⊖Yes ⊖ No	⊖ и/к			O Tre	ee branch		О u/к	
O Other, specify:	□Ga	ite			О u/к		Ово	ulders/rock	S		
	□Otl	her, specify:	If yes, go to H5q								
О и/к	□ U/ł	ĸ									
H7. POISONING, OV	ERDOSE	OR ACUTE INT	OXICATION		•						
a. Type of substance involve	ed, check all	that apply:									🗆 U/К
Prescription drug		Over-the-	counter drug		Illicit drugs				Other	substance	<u>s</u>
□ Antidepressant		🗌 Pain	medication		Pain med	lication (op	iate)			Alcohol	
Pain medication (c	opiate)	Cold	medicine		Pain med	lication (no	n-opiate)			Carbon m	onoxide, go to e
Pain medication (r	ion-opiate)	□ Othe	er OTC, specify:		Methador	ne				Other furr	ne/gas/vapor
Methadone					Cocaine					Other, sp	ecify:
Other Rx, specify:					Heroin						
If prescription, was it ch	ild's?				Other illic	it drug, spe	cify:				
OYes ONo	Оu/к										
b. Where was the substance	e stored?	c. Was the product	in its original	e. Was ti	he incident the result	of?	f. Was F	Poison Con	trol	g. For CO	D poisoning, was a
○ Open area		container?		O Acci	dental overdose		called	1?		CO de	tector present?
○ Open cabinet		⊖ n/a	ONO	◯ Med	lical treatment misha	р	⊖ Yes	O No	O u∕k	⊖ Yes	O № O U/K
O Closed cabinet, unloc	ked	⊖ Yes	Оu/к	⊖ Adve	erse effect, but not o	verdose	If yes	s, who calle	d:		
O Closed cabinet, locked	ł				berate poisoning		OCh	ild		lf yes,	how many?
O Other, specify:		d. Did container hav	ve a child	◯ Acut	te intoxication		ОРа	irent			
		safety cap?		○ Othe	er, specify:		Oot	her caregiv	er		
Оик		On/A	ONO				OFir	st respond	er	Functio	oning properly?
		Oyes	Оu/к	О и/к			Оме	edical perso	n	⊖ Yes	O № O U/K
							Oot	her, specify	<i>r</i> :		
							О U/	к			
H8. MEDICAL CONDI	TION	T		ſ				T			
a. How long did the child hav medical condition?	ve the	b. Was death expension the medical condi- tion of the medical condi- tion of the medical condi- tion of the medical condi- tion of the term of te			hild receiving health of al condition?	care for the			ne prescrib ical condit	•	ans appropriate for
\bigcirc In utero \bigcirc W	ooko		iously diagnosed					_	N/A		
			But at a later date		vithin 48 hours of the	-		-	Yes		
O Hours O Ye				-					No, specif	īv:	
O Days O U/		О U/K		0 100				-	U/K	<i>j</i> .	
e. Was child/family complian						f. Was th	e medical			nvironmer	tal tobacco
	nat wasn't	Appointment		🗆 Th	nerapies, specify:		on associ		•		ibuting factor
O Yes complia	nt?	☐ Medications,	specify:	🗆 Ot	ther, specify:	with a	n outbreak	?	in deat	:h?	
ONo Check a	Il that apply.	. 🛛 Medical equi	pment use, specify:			⊖ Ye	s, specify:		⊖ Ye	S	
Оu/к				🗆 U/	κ	⊖ No			O No		
						○ U/ŀ	(0 U/ł	(
h. Were there access or cor	npliance issi	ues related to the dea	ath? O Yes	ON₀	O U/K If yes, ch	eck all that	apply:				i. Was death
Lack of money for car	е		Couldn't get prov	vider to tak	ke as patient	Careg	ver distru	st of health	care syste	em	caused by a
Limitations of health in	nsurance co	verage	Multiple provider	s, not cooi	rdinated	Careg	ver unskil	led in provi	ding care		medical
Lack of transportation			🗌 Couldn't get an e	earlier appo	ointment	Careg	ver unwilli	ing to provi	de care		misadventure?
No phone			Lack of child car	е		Didn't	know whe	re to go			⊖ Yes
Cultural differences			Lack of family/so	cial suppo	ort	Mothe	r didn't thi	nk she was	pregnant		O No
Language barriers			Services not ava	ilable		Other,	specify:				О и/к
						□ u/ĸ					
H9. OTHER KNOWN	INJURY	CAUSE									
Specify cause, describe in	n detail:								_	_	

I1. SUDDEN AND UNE	XPECT	ED DE	ATH I	N THI	E YOUNG (SDY)	Т	his sec	tion disp	ays online based on your state'	s settings.		
Section I1: OMB No. 0920-1092, Exp. Date: 12/31/2018 Public reporting burden of this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and												
						-		-		-	-	
-		-	-		• • •				erson is not required to respond to a co ction of information, including suggestion			
					d NE, MS D-74, Atlanta, Georgia 3033	•			aon of mormation, mouting suggestion		y uns	
					,,,	-,		,				
	A homici											
0	A suicide	e?										
0	An over	dose?						Ļ	 If any of these apply, go 	to Section	2,	
0	A result	of an ex	ternal ca	ause th	at was the obvious and only reason	for the	fatal inju	ury?	THIS IS NOT AN SDY (CASE.		
0	Expected	d within	6 month	ns due t	o terminal illness?							
0	None of	the abo	ve, go to	ol1b T	HIS IS AN SDY CASE							
0	Unknowr	n, go to	l1b									
 b. Did the child have a history 	of any of	f the follo	owing ac	cute co	nditions or symptoms within 72 hou	rs prior	to death	l?	c. At any time more than 72 hours	s preceding	death did	the
U/K for all									child have a personal history of		-	
									chronic conditions or symptom	s? □ι	I/K for all	
Symptom	Pi	resent v	v/in 72 l	hours o	of death Preser	nt w/in 7	2 hours	s of death	Symptom Present mor	e than 72 h	ours of c	leath
Cardiac		Yes	No	U/K	Other Acute Symptoms	Yes	No	<u>U/K</u>	Cardiac Ye		<u>U/K</u>	
Chest pain		0	0	0	Fever	0	0	0	Chest pain C) ()	0	
Dizziness/lightheade	edness	0	0	0	Heat exhaustion/heat stroke	0	0	0	Dizziness/lightheadedness C	\circ	0	
Fainting		0	0	0	Muscle aches/cramping	0	0	0	Fainting C) ()	0	
Palpitations		Ō	Ō	Ō	Slurred speech	õ	Õ	Õ	Palpitations) ()	0	
Neurologic		0	0	0	Vomiting	õ	Õ	õ	Neurologic	2	-	
Concussion		0	0	0	Other, specify:	0	0	\bigcirc	Concussion C		0	
Confusion		0	0	0	ouror, opcony.	U			Confusion	-	0	
		-	-						-	-		
Convulsions/seizure	9	0	0	0					Convulsions/seizure	-	0	
Headache		0	0	0					Headache C) ()	0	
Head injury		0	0	0					Head injury C	$)$ \bigcirc	0	
Psychiatric sympton	ns	0	0	0					Respiratory			
Paralysis (acute)		0	0	0					Difficulty breathing C) ()	0	
Respiratory									Other			
Asthma		0	0	0					Slurred speech C		0	
Pneumonia		Õ	0	Õ					Other, specify:	-	0	
		õ	õ	õ					Other, specify.	, ,		
Difficulty breathing	serious ir	-	-	-	vning, car accident, brain injury)?							
		-										
O Yes ○ No	Ou/ł	ĸ	IT ye	es, des	cribe:							
e. Had the child ever been diag	gnosed by											
Condition		Diagn	losed	_	Condition	D	iagnose	ed -	Condition	Diag	nosed	
Blood disease		Yes	No	<u>U/K</u>	Neurologic	Y		No <u>U/ł</u>	<u>(</u> Other	Yes	No	<u>U/K</u>
Sickle cell disease		0	0	0	Anoxic brain Injury	(0 C	Connective tissue disease	0	0	0
Sickle cell trait		0	0	0	Traumatic brain injury/	() (0 C	Diabetes	0	0	0
Thrombophilia (clotting disc	order)	0	0	0	head injury/concussion				Endocrine disorder, other:	0	0	0
<u>Cardiac</u>					Brain tumor	(0 0	thyroid, adrenal, pituitary			
Abnormal electrocardiograr	m	0	0	0	Brain aneurysm			0 0	Hearing problems or deafness	0	0	0
(EKG or ECG)	•	J	Ŭ	0	Brain hemorrhage	Ċ		0 0	Kidney disease	0	Õ	Õ
. ,		0	0	0	-	0				~	0	0
Aneurysm or aortic dilatatio		~	0	0	Developmental brain disorder				Mental illness/psychiatric disea	ise O	0	0
Arrhythmia/arrhythmia syno	arome	0			Epilepsy/seizure disorder	(Metabolic disease			
Cardiomyopathy		0	0	0	Febrile seizure	(Muscle disorder or muscular	0	0	0
Commotio cordis		0	0	0	Mesial temporal sclerosis	C		0 C	dystrophy			
Congenital heart disease		0	0	0	Neurodegenerative disease	C)	o c	Oncologic disease treated by	0	0	0
Coronary artery abnormalit	y	0	0	0	Stroke/mini stroke/	C		O C	chemotherapy or radiation			
Coronary artery disease		0	0	0	TIA-Transient Ischemic Attack				Prematurity	0	0	0
(atherosclerosis)					Central nervous system infection)	o c	Congenital disorder/	0	0	0
Endocarditis		0	0	0	(meningitis or encephalitis)			2	genetic syndrome	0	0	-
		Õ	Õ	0						0		
Heart failure		-			Respiratory	r	<u>ר</u>	\sim	Other, specify:	U		
Heart murmur		0	0 0	0 0	Apnea	(
				()	Asthma	C) (O C				
High cholesterol		0				-		~ ~				
High cholesterol Hypertension		0	0	0	Pulmonary embolism			0 0				
-	1)	0	0 0	0 0		Ċ		o c				
Hypertension	n)	0	0	0	Pulmonary embolism							

If a more specific diagno	sis is kr	iown, pro	ovide any	additional ir	format	tion:				
If any cardiac conditions	above a	are selec	cted, what	t cardiac trea	tments	s did the child	have? Cł	neck all that apply:	□ None	
Card								Heart surgery		Heart transplant
Car	diac dev	vice plac	ement					Interventional cardiac		Other, specify:
(implante	ed cardio	overter de	efibrillator (IC	D)			catheterization		U/K
c	or pacer	naker or	Ventricul	lar Assist De	vice (V	/AD))				
f. Did the child have any blood relat	tives (br	others, s	sisters, pa	arents, aunts	, uncle	s, cousins, gr	andparen	ts or other more distant relat	ives)	g. Has any blood relative (siblings,
with the following diseases, cond	litions o	r sympto	oms?	U/K fo	or all					parents, aunts, uncles, cousins,
<u>Y_N_U/K</u> _Deaths						<u>Y N U/K</u>	Symp	otoms		grandparents) had genetic testing?
○ ○ ○ Sudden unexp	ected d	eath bef	ore age 5	50		000				○Yes ○ No ○ U/K
Heart Dise	ase					000	Unexpl	ained fainting		
$\bigcirc \bigcirc \bigcirc$ Heart condition				efore age 50				r Diagnoses		If yes, describe the test/gene tested,
O O Aortic aneurys						000	Conger	nital deafness		reason for testing, family member
O O Arrhythmia (fa		egular he	eart rhythi	m)		000		ctive tissue disease		tested, and results:
								ondrial disease		
○ ○ ○ Congenital hea	art disea	ase						disorder or muscular dystrop	ohy	
<u>Neurologi</u>								oophilia (clotting disorder)		
O O Epilepsy or co			e			0		liseases that are genetic or		
○ ○ ○ Other neurolog	-							families, specify:		Was a gene mutation found?
If sudden unexpected death bef	-						relative's	age at death (for example,		○Yes ○ No ○ U/K
brother at age 30 who died in an	n unexp	lained m	notor vehi	cle accident	(driver	of car)):				
							0			
h. In the 72 hours prior to death wa		ild takin	g any pre	scribed med	ication	(s)?			owing substar	nce(s) within 24 hours of death?
○Yes ○ No ○ U/I	K							all that apply:		
If yes, describe:								Over-the-counter medicine		Supplements
							_	Recent/short term prescrip	tions	Tobacco
i. Within 2 weeks prior to death ha				<u>N/A</u> Yes				6,		
Taken extra doses of prescrib					-	0				Illegal drugs
Missed doses of prescribed m					-	0		Performance enhancers		Legalized marijuana
Changed prescribed medicatio				00	0	0		Diet assisting medications		Other, specify:
j. Was the child compliant with the	•		edications	s?				If we to see the set of the set o	d = = = -11= = .	
ON/A OYes O No	-							If yes to any items above, o	Jescribe.	
If not compliant, descril	be why	and how	often:							
I. Did the child experience any of the	he follow	vina etim	uli at time	a of incident	or with	in 24 hours of	the incid	ent? U/K for all at time	a of incident	
i. Did the child experience any of th		t incide				s of incident		U/K for all within		acident
Stimuli	Yes	No	_ <u>U/K</u>	Yes	No	<u>U/K</u>			21110010 011	
Physical activity	0	0	0	0	0	0	1	If yes to physical activity, d	escribe type of	of activity:
Sleep deprivation	0	0	0	0	0	0		At incident	Within 24	hours of incident
Driving	Ō	Ō	Ō	Ō	Ō	Ō				
Visual stimuli	0	0	0	0	0	0				
Video game stimuli	0	0	0	0	0	0				
Emotional stimuli	0	0	0	0	0	0				
Auditory stimuli/startle	0	0	0	0	0	0				
Physical trauma	0	0	0	0	0	0		Other specify:		
Other, specify:	0			0				At incident	Within 24	hours of incident
							I			
m. Was the child an athlete?	ON	I/A () Yes	O No O	U/K					
	lf	yes, typ	e of spor	t: O	Compe	etitive O	Recreation	onal 🔿 U/K		
		If com	petitive, o	did the child	particip	pate in the 6 n	onths pri	or to death? O Yes	O No O	U/K
 n. Did the child ever have any of the within 24 hours after physical action 		-			ns duri	ng or	o. For cl	hild age 12 or older, did the one of O N/A O Yes		pre-participation exam for a sport?
Chest pain	.,.	□ Hea					If yes			
								it done within a year prior to	death?	○Yes ○No ○U/K
				breath/difficu	ilty bre	athing				therwise? OYes ONo OU/K
	ss		er, specify		, 510	9	2.01	If yes, specify restrictions:		
								yee, opcony restrictions.		
If yes to any item, describe type of				tent of symp	toms:					
	וטעווק		.,	or symp						

Questions p through	v: Answer if "Epilepsy/Seizur	e Disorder" is answered Yes in	question e above (Diagnosed for a medical condition)
 p. How old was the child when diagnost disorder? Age 0 (infant) through 20 years: 		r. What type(s) of seizures did the chil Non-convulsive Convulsive (grand mal seizu generalized tonic-clonic se	in the year preceding death?
Brain tumor Cerebrovascular Cerebrovascular Central nervous system infection Degenerative process Developmental brain disorder Inborn error of metabolism I2. ANSWER THIS ONLY IF	 Genetic/chromosomal Mesial temporal sclerosis Idiopathic or cryptogenic Other acute illness or injury other than epilepsy Other, specify: U/K 	Cocur when exposure to str video game, or flickering li U/K S. Describe the child's epilepsy/seizur seizure at time of death). Check a Last less than 30 minutes Last more than 30 minutes Occur in the presence of fev Occur when exposed to stro game, or flickering light (r	obe lights, u. Did treatment for seizures include anti-epileptic drugs? Yes O NO O U/K es (not including the If yes, how many different types of anti-epileptic drugs did the child take? Il that apply: 01 O 4 O More than 6 (status epilepticus) 2 O 5 O U/K ver (febrile seizure) 3 O 6 er v. Was night surveillance used? ybe lights, video Yes O NO O U/K
a. Incident sleep place: Crib If crib, type: Not portable Portable, e.g. Pack 'n Play Unknown crib type Bassinet Bed side sleeper Baby box	 Adult bed Waterbed Futon Playpen/other play structure, not a porta Couch Chair Floor 	Car seat Car seat Rock 'n Play Stroller Swing Bouncy chair Other, specify: U/K	If adult bed, what type? If futon, Twin Bed position Full Couch position Queen U/K King If car seat, was car seat Other, specify: secured in seat of car? U/K Yes No U/K
 b. Child put to sleep: On back On stomach On side U/K 	c. Child found: On back On stomach On side U/K	e. Usual sleep position: On back On stomach On side U/K	f. Was there any type of crib, Pack 'n Play, bassinet, bed side sleeper or baby box in home for child? O Yes O No O U/K
d. Usual sleep place: Crib If crib, type: Not portable Portable, e.g. Pack 'n Play Unknown crib type Bassinet Bed side sleeper g. Child in a new or different environn Yes No Ut/		0	
j. Child overheated? O Yes	s O No O U/K		k. Child exposed to second hand smoke? degrees F Yes Ves Ves<
O Down O H O Up O H O To left or right side O N	ild's neck when found: lyperextended (head back) lypoextended (chin to chest) leutral urned	Too much clothing n. Child's airway (includes nose, mounek and/or chest): Unobstructed by person or obje Fully obstructed by person or of Partially obstructed by person or U/K	Image: Nose Image: Chest compressed Image: Display the state of the

o. Objects in child's sleep	o enviro	nment a	nd relation	n to airway	obstructio	n:							
				lf p	resent, de	scribe pos	sition of obje	ct:	If prese	ent, did obj	ject		
Objects:		Preser	nt?	<u>On top</u>	Under	Next	Tangled		obstru	uct airway?)		
	Yes	No	<u>U/K</u>	of child	child	to child	around chile	<u>d U/K</u>	Yes	No	<u>UK</u>		
Adult(s)	0	0	0						0	0		If adult(s) obst	ructed airway, describe
Other child(ren)	0	0	0						0	0	0	relationship	o of adult to child (for
Animal(s)	0	0	0						0	0	0	example, b	iological mother):
Mattress	0	0	0						0	0	0		
Comforter, quilt, or other	0	0	0						0	0	0		
Fitted sheet	0	0	0						0	0	0		
Thin blanket/flat sheet	0	0	0						0	0	0		
Pillow(s)	0	0	0						0	0	0		
Cushion	0	0	0						0	0	0		
Boppy or U shaped pillow	0	0	0						0	0	0		
Sleep positioner (wedge)	0	0	0						0	0	0		
Bumper pads	0	0	0						0	0	0		
Clothing	0	0	0						0	0	0		
Crib railing/side	0	0	0						0	0	0		
Wall	0	0	0						0	0	0		
Toy(s)	0	0	0						0	0	0		
Other(s), specify:													
	0								0	0	0		
	0								0	0	0		
				I				I					
If yes, type of fe r. Child sleeping on same surface with person(s) o animal(s)?	on same If yes, reasons stated for sleeping on son(s) or same surface, check all that apply:						If yes, check a With adult(Adult With other	(s): # obese: children: #	OYes	□ # U/K ○ No □ # U/K			
s. Is there a scene re-cre Select photo that dem 13. WAS DEATH A	onstrate	hoto ava	on and loc	ation of chi			/ (nose, mou		chest). Size		ss than 6 i	mb and in .jpg or .	gif format.
a. Describe product and	circums	stances:											
b. Was product used pro			c. Is a rec	all in place	.? ⊖u/k	d. Did pro	oduct have s	afety label? ◯ U/K	e. Was	01	Yes No, go to v	Safety Commissio	
I4. DID DEATH O	CCUF		NG COI	MISSIO	N OF A	NOTHER	R CRIME?	,		⊖ Ye	es (No, go to I5	OU/K, go to I5
a. Type of crime, check a	ll that a	pply:											
Robbery/burgla	iry		Other ass	ault		Arson		🗆 Illega	l border cros	sing		🗆 и/к	
Interpersonal vi	iolence		Gang cor	flict		Prostitutio	on	Auto	theft				
Sexual assault			Drug trad	•		Witness i	ntimidation	Other	r opooifu:				

	USE, NEGLE		SUPERVISION AND EXPOSURE TO	O HAZARDS						
 a. Did child abuse, r 	neglect, poor or	absent	b. Type of child abuse, check all that apply:	c. For ab	usive hea	ad trauma, v	vere	e. Events	s(s) triggering child abuse,	
supervision or ex	posure to hazar	ds cause	Abusive head trauma, go to I5c	there r	etinal her	morrhages?	check	check all that apply:		
or contribute to the	he child's death?		Chronic Battered Child Syndrome, go t	o I5e OYes	() N	o ⊖ U/K		□No	one	
⊖ Yes/	probable		Beating/kicking, go to I5e					Crying		
O No, g	o to next section Scalding or burning, go to I5e			d. For abu	d. For abusive head trauma, was				ilet training	
⊖ и/к,	go to next section	on	o I5e the chi	d shaken	1?		Dis	sobedience		
If yes/probable,	, choose primary	reason:	Sexual assault, go to I5h	⊖Yes	() N	о () U/K		□Fe	eding problems	
O Child abus	se, go to I5b		□ Other, specify and go to I5h	If yes,	was there	e impact?		Do	mestic argument	
Child negl	lect, go to 15f		U/K, go to I5e	⊖Yes	() N	₀ ⊖ U/K		□ot	her, specify:	
	ent supervision,	ao to 15h		Ũ	0	0		/		
	to hazards, go t	-								
	to nazarao, go t									
f. Child neglect, che	eck all that apply:			g. Expos	ure to haz	zards:			h. Was poverty a factor?	
Failure to prov			Exposure to hazards:	· ·		child's own b	havior		O Yes O No O U/K	
		L	Do not include child's own behavior.	-		n sleep envir				
□ Shelter			O Hazard(s) in sleep environment	-	. ,	eep positior		choring)	If yes, explain in	
	no nifi u		- ()		e hazard	eep positioi		sharing)	Narrative	
Other, s			(including sleep position and bed sha	5, 0						
Failure to prov Emotional neg			Fire hazard		earm haz	medication/p	JOISON			
			 Unsecured medication/poison Firearm hazard 	0	ter hazar					
☐ Failure to see		a t	O Water hazard	-		le hazard				
specify:		ц,	Motor vehicle hazard				during			
	ia dua ta raliaiau		O Other hazard, specify:		Maternal substance use during					
	is due to religiou	5 01	Other hazard, specify.		pregnancy					
cultural practi				0.00	Other hazard, specify:					
U res U										
I6. SUICIDE										
	et ves no or u/k	for each que	stion. Describe answers in parrative							
a. For suicide, sele			stion. Describe answers in narrative.	Yas	No					
a. For suicide, sele <u>Yes</u>	<u>No U/k</u>			Yes	No	<u>U/K</u>				
a. For suicide, sele <u>Yes</u> O	<u>No U/r</u> O C	A note w	vas left	0	0	0			of self mutilation	
a. For suicide, sele <u>Yes</u> O		A note w Child tall	vas left ked about suicide	0 0	0 0	0 0	There is a	a family his	story of suicide	
a. For suicide, sele <u>Yes</u> O		A note w Child tall Prior sui	vas left ked about suicide icide threats were made	0 0	0	0	There is a Suicide w	a family his vas part of	story of suicide a murder-suicide	
a. For suicide, sele <u>Yes</u> O O O O O O O O O O O O O O O O O O O	№ Ш# O C O C O C O C O C O C	A note w Child tall Prior sui Prior atte	vas left ked about suicide cide threats were made empts were made	0 0	0 0	00000	There is a Suicide w Suicide w	a family his vas part of vas part of	story of suicide a murder-suicide a suicide pact	
a. For suicide, sele <u>Yes</u> O	№ IJ# ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	A note w Child tall Prior sui Prior atte	vas left ked about suicide icide threats were made empts were made was completely unexpected	0 0	0 0	0 0	There is a Suicide w Suicide w	a family his vas part of vas part of	story of suicide a murder-suicide	
a. For suicide, sele	№ Ш# O C O C O C O C O C O C	A note w Child tall Prior sui Prior atte	vas left ked about suicide cide threats were made empts were made	0 0	0 0	00000	There is a Suicide w Suicide w	a family his vas part of vas part of	story of suicide a murder-suicide a suicide pact	
a. For suicide, sele	№ IJ# ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	A note w Child tall Prior sui Prior atte	vas left ked about suicide icide threats were made empts were made was completely unexpected	0 0	0 0	00000	There is a Suicide w Suicide w	a family his vas part of vas part of	story of suicide a murder-suicide a suicide pact	
a. For suicide, sele	№ IJ# ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	A note w Child tall Prior sui Prior atte	vas left ked about suicide icide threats were made empts were made was completely unexpected	0 0	0 0	00000	There is a Suicide w Suicide w	a family his vas part of vas part of	story of suicide a murder-suicide a suicide pact	
a. For suicide, sele Yes O O O O O O		A note w Child tall Prior sui Prior atte Suicide v Child ha	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away		00000	00000	There is a Suicide w Suicide w Suicide w	a family his vas part of vas part of	story of suicide a murder-suicide a suicide pact	
a. For suicide, sele <u>Yes</u> O O O O O D b. For suicide, was	No U/k ○ C ○ C ○ C ○ C ○ C ○ C	A note w Child tall Prior sui Prior atte Suicide Child ha	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contribu	Uted to the child's	O O O O desponde	00000	There is a Suicide w Suicide w Suicide w	a family his vas part of vas part of vas part of	story of suicide a murder-suicide a suicide pact a suicide cluster	
a. For suicide, sele <u>Yes</u> O O O O O D For suicide, was None know	No U/k ○ C ○ C ○ C ○ C ○ C ○ C ○ C	A note w Child tall Prior sui Prior atte Suicide v Child ha	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contribu	Uted to the child's	O O O O desponde	O O O O ency? Chee	There is a Suicide w Suicide w Suicide w	a family his vas part of vas part of vas part of	story of suicide a murder-suicide a suicide pact a suicide cluster	
a. For suicide, sele <u>Yes</u> O O O O O D. For suicide, was None know Family dis	No U//	A note w Child tall Prior sui Prior attr Suicide Child ha f acute or cun	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contrib Rumor mongering	Utted to the child's Pregnanc Physical a	desponde y	 O O O O ency? Chee sault 	There is a Suicide w Suicide w Suicide w	a family his vas part of vas part of vas part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster	
a. For suicide, sele <u>Yes</u> O O O O O D. For suicide, was ⁻ None know Family dis Parents' d	No U/A	A note w Child tall Prior sui Prior atte Suicide v Child ha f acute or cun	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contribu Rumor mongering Suicide by friend or relative	Uted to the child's Pregnanc Physical a Rape/sex	desponde y	C C C C C C C C C C C C C C C C C C C	There is a Suicide w Suicide w Suicide w	a family his vas part of vas part of vas part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet,	
a. For suicide, sele <u>Yes</u> O O O O O D D. For suicide, was None knov Family dis Parents' d Argument	No U/A	A note w Child tall Prior sui Prior attu Suicide v Child ha	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away mulative personal crises that may have contribu Rumor mongering Suicide by friend or relative Other death of friend or relative	Uted to the child's Uted to the child's Pregnanc Rape/sex Problems U	desponde y with the l	C C C C C C C C C C C C C C C C C C C	There is a Suicide w Suicide w Suicide w	a family his vas part of vas part of vas part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify:	
a. For suicide, sele Yes O O O O O O O O D D. For suicide, was None knov Family dis Parents' d Argument Argument	No U/A	A note w Child tall Prior sui Prior attu Suicide Child ha f acute or cun	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contribu Rumor mongering Suicide by friend or relative Other death of friend or relative Bullying as victim Bullying as perpetrator	Uted to the child's Uted to the child's Pregnanc Physical a Rape/sex Problems Drugs/alc	desponde y buse/ass ual abuse with the l ohol	 O O	There is a Suicide w Suicide w Suicide w	a family his ras part of ras part of ras part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify: Other, specify:	
a. For suicide, sele Yes O O O O O O O O O O O O O O O O O O O	No U/k	A note w Child tall Prior sui Prior attu Suicide v Child ha f acute or cun f acute or cun regivers	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contrib Rumor mongering Suicide by friend or relative Other death of friend or relative Bullying as victim Bullying as perpetrator School failure	Uted to the child's Uted to the child's Pregnanc Physical a Rape/sex Drugs/alc Sexual or	desponder y bubuse/ass ual abuse with the I ohol entation/	 O O	There is a Suicide w Suicide w Suicide w	a family his ras part of ras part of ras part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify:	
a. For suicide, sele Yes O O O O O O O O O O O O O O O O O O O	No U// O C O C O C O C O C O C O C O C	A note w Child tall Prior sui Prior attr Suicide v Child ha f acute or cun f acute or cun f acute or cun f acute or cun f acute or cun lis	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contrib Rumor mongering Suicide by friend or relative Other death of friend or relative Bullying as victim Bullying as perpetrator School failure Move/new school	Uted to the child's Uted to the child's Pregnanc Physical a Rape/sex Problems Drugs/alc Sexual or Job proble	desponder y whose/ass ual abuse with the l obol entation/ ems	 O O	There is a Suicide w Suicide w Suicide w	a family his ras part of ras part of ras part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify: Other, specify:	
a. For suicide, sele Yes O O O O O O O O O O O O O O O O O O O	No U/k	A note w Child tall Prior sui Prior attr Suicide v Child ha f acute or cun f acute or cun f acute or cun f acute or cun f acute or cun lis	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contrib Rumor mongering Suicide by friend or relative Other death of friend or relative Bullying as victim Bullying as perpetrator School failure	Uted to the child's Uted to the child's Pregnanc Physical a Rape/sex Drugs/alc Sexual or	desponder y whose/ass ual abuse with the l obol entation/ ems	 O O	There is a Suicide w Suicide w Suicide w	a family his ras part of ras part of ras part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify: Other, specify:	
a. For suicide, sele Yes O O O O O O O O O O O O O O O O O O O	No U// O C O C O C O C O C O C O C O C	A note w Child tall Prior sui Prior attr Suicide v Child ha f acute or cun f acute or cun f acute or cun f acute or cun f acute or cun lis	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contrib Rumor mongering Suicide by friend or relative Other death of friend or relative Bullying as victim Bullying as perpetrator School failure Move/new school	Uted to the child's Uted to the child's Pregnanc Physical a Rape/sex Problems Drugs/alc Sexual or Job proble	desponder y whose/ass ual abuse with the l obol entation/ ems	 O O	There is a Suicide w Suicide w Suicide w	a family his ras part of ras part of ras part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify: Other, specify:	
a. For suicide, sele Yes O O O O O O O O O O O O O O O O O O O	No U// O C O C O C O C O C O C O C O C	A note w Child tall Prior sui Prior attr Suicide v Child ha f acute or cun f acute or cun f acute or cun f acute or cun f acute or cun lis	vas left ked about suicide icide threats were made empts were made was completely unexpected d a history of running away nulative personal crises that may have contrib Rumor mongering Suicide by friend or relative Other death of friend or relative Bullying as victim Bullying as perpetrator School failure Move/new school	Uted to the child's Uted to the child's Pregnanc Physical a Rape/sex Problems Drugs/alc Sexual or Job proble	desponder y whose/ass ual abuse with the l obol entation/ ems	 O O	There is a Suicide w Suicide w Suicide w	a family his ras part of ras part of ras part of apply:	story of suicide a murder-suicide a suicide pact a suicide cluster Involvement in computer or video games Involvement with the Internet, specify: Other, specify:	

J. PERSON RESPONSIBLE (OTHER THAN DECEDENT)									
1. Did a person or persons	other than th	e child	2. What act(s)?					3. Did the team have infor	rmation
do something or fail to o	to something	that	Check only one per colum	n and desci	ribe in narrative.			about the person(s)?	
caused or contributed to	o the death?		<u>One Two</u>		One Two			One <u>Two</u>	
○ Yes/probable			O O Child abu	ise	0 0	Exposure to hazard	s	O O Yes	
ONo, go to Section K			O O Child neg	glect	0 0	Assault, not child at	ouse	O O No, go to	Section K
O U/K, go to Section K			O O Poor/abs	ent	0 0	Other, specify:		-	
			supervis	ion	0 0				
4. Is person listed in a pre-	vious section?	,	5. Primary person(s) respons	ible for action	on(s): Select on	e for each person respo	nsible.	1	
One Two			One Two		One <u>Two</u>			One <u>Two</u>	
O O Yes, biologi	ical mother, g	o to J17	O O Adoptive pare	nt	0 0	Grandparent		O O Medical pro	ovider
O Yes, biologi	ical father, go	to J17	O Stepparent		0 0	Sibling		O O Institutiona	l staff
O O Yes, caregi	ver one, go to	J17	O O Foster parent		0 0	Other relative		O O Babysitter	
O Yes, caregi	ver two, go to	J17	O O Mother's partn	er	0 0	Friend		O O Licensed c	hild care
	visor, go to J1	9	O Father's partne	er	0 0	Acquaintance		worker	
O O №					0 0	Child's boyfriend or girl	friend	O O Other, spec	cifv:
0 0 11						Stranger		О О и/к	
6. Person's age in years:		7. Perso	n's sex:	8. Person	-	lerstands English?	9. Persor	n on active military duty?	
<u>One Two</u>		One	<u>Two</u>	<u>One</u>	Two	-	One	Two	
		0	O Male	0	⊖ Yes		0	⊖ Yes	
# Ye	ars	0	Female	0	O No		0	O No	
□ □ U/K		0	⊖ и/к	0	⊖ U/К		0	⊖ и/к	
				lf no, la	anguage spoken:		If yes,	specify branch:	
10. Person(s) have history	of	11. Pers	on(s) have history of child	12. Perso	on(s) have history	of child maltreatment	13. Perso	n(s) have disability or chror	nic illness?
substance abuse?		maltr	eatment as victim?	as a	perpetrator?		One	Two	
<u>One Two</u>		One	Two	One	Two		0	⊖ Yes	
O O Yes		0	⊖ Yes	0	⊖ Yes		0	O No	
() () No		0	O No	0	O No		0	_ О U/К	
0 0 и/к		Õ	О U/K	Õ	О U/К		If ves	check all that apply:	
If yes, check all that ap	plv:	_	, check all that apply:	_	check all that ap	volv:		Physical/orthopedic	specify:
			Physical		Physical	P.9.		Mental health/subst	
			Neglect		Neglect			specify:	,
Marijuana			Sexual		Sexual			Cognitive/intellectua	al specify:
Methamphe	atamine		Emotional/			l/psychological		Sensory, specify:	n, opcony.
	amme		psychological			psychological			
	drugo					S referrals		—	waa noraan
· - ·	-							tal health/substance abuse,	, was person
			# CPS referrals			stantiations		ing MH services?	
Other, spec	ary:		# Substantiations			ention services			
🗆 🗆 и/к			Ever in foster care or adopted		_	eservation services	0	O No	
(1. D . (3)			•				0	<u>О</u> U/К	
14. Person(s) have prior child deaths?		eck all tha	t apply:		n(s) have history ate partner violer			on(s) have delinquent/crimir	hal history?
	<u>One</u>		d - h			1007	One O	<u>Two</u> O Yes	
One <u>Two</u>			d abuse #	One	Two			_	
			d neglect #		Yes, as vi		0	O No	
			dent #		Yes, as p	erpetrator	0	0 и/к	
0 0 и/к			ide #		🗆 No			check all that apply:	
			S #		🗆 U/K			Assaults	
		🗌 Und	etermined cause #					Robbery	
		Other	er #					Drugs	
	_		er, specify:					Other, specify:	
		🗆 и/к						🗆 и/к	
17. At the time of the incid	ent, was the p	erson asle	eep?	One	Two				
One Two		If yes, se	lect the most appropriate	0		time sleep			
0 O Y	'es	descriptio	on of the person's sleeping		O Day ti	me nap, describe:			
0 0 M	lo	period at	incident:	0	•	me sleep (for example, p	person is n	ght shift worker), describe:	
ΟΟι	J/K		_	0	O Other	, describe:			

18. At time of incident was person impaired	?			19. Person(s) have, check al	I	20. Legal o	utcomes in th	nis death, check a	all that app	ly:
<u>One</u>	Two			that apply:		One	Two			
⊖Yes ⊖No ⊖U/K	⊖Yes	○ No ○ U/K		<u>One Two</u>			🗌 No cha	arges filed		
If yes, check all that apply:				Prior history	of		Charge	es pending		
<u>One Two</u>	<u>One</u>	Two		similar acts			Charge	es filed, specify:		
Drug impaired, specify:		Impaired by illne	ess,	Prior arrests			Charge	es dismissed		
Alcohol impaired		specify:		Prior convict	tions		Confes	sion		
Distracted		Impaired by disa	ability,				Plead,	specify:		
Absent		specify:					🗌 Not gu	ilty verdict		
		Other, specify:					Guilty	verdict, specify:		
							🗌 Tort ch	arges, specify:		
							🗌 U/K			
K. SERVICES TO FAMILY AND C	COMM	JNITY AS A RES	SULT C	F THE DEATH						
1. Were new or revised services recomme	ended o	r implemented as a r	esult of th	ne death? OYes	s 🔿 No	() U/К				
If yes, select one option per row:		Referred for set			eferral need					
		before revie	N		not availabl	le	<u>N/A</u>	<u>u/k</u>		
Bereavement counseling		0		0	0		0			
Debriefing for professionals		0			0		0	0		
Economic support		0		0	0		0	0		
Funeral arrangements		0		0	0		0	0		
Emergency shelter		0		0	0		0	0		
Mental health services		0		0	0		0	0		
Foster care		0		0	0		0	0		
Health services		0		0	0		0	0		
Legal services		0		0	0		0	0		
Genetic counseling		0		0	0		0	0		
Home visiting		0		0	0		0	0		
Substance abuse		0		0	0		0	0		
Other, specify:		0		0	0		0	0		
		\bigcirc		0	-					
		0		C	-					
L. PREVENTION INITIATIVES RE	ESULT	_	REVIE	-	Mark this	case to ed	it/add preve	ntion actions at	a later da	te
		ING FROM THE		-			-		a later da	te
L. PREVENTION INITIATIVES RE	olicies o	ING FROM THE	3. What	w	ives resulted	d from the re	-		a later da	te
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, po	olicies o	ING FROM THE	3. What	W recommendations and/or initiat	ives resulted atives made	d from the re	eview? Cheo	ck all that apply:	a later da vel of Acti	
PREVENTION INITIATIVES RE Were new or revised agency services, pr recommended or implemented as a resu	olicies o	ING FROM THE	3. What	W recommendations and/or initiat	ives resulted atives made	d from the re e, go to L7 nt Action S	eview? Cheo	ck all that apply:		
PREVENTION INITIATIVES RE Were new or revised agency services, pr recommended or implemented as a resu	olicies o	ING FROM THE	3. What	W recommendations and/or initiat	ives resulted atives made Curre	d from the re e, go to L7 nt Action S	eview? Cheo	ck all that apply:	vel of Acti	ion
 DESCRIPTION INITIATIVES RE Were new or revised agency services, por recommended or implemented as a result of Yes ONO U/K Yes No U/K If yes, select all that apply and describe: 	olicies o	ING FROM THE	3. What	W recommendations and/or initiat	ives resulted atives made Curre	d from the re e, go to L7 nt Action S	eview? Cheo	ck all that apply:	vel of Acti	ion
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a result of Yes O No O U/K If yes, select all that apply and describe: Child welfare Describe:	olicies of ult of the	ING FROM THE	3. What	W recommendations and/or initiat o recommendations and/or initiat	ives resulted atives made Curre ecommenda	d from the re e, go to L7 nt Action S	eview? Cheo tage ementation	ck all that apply: Le: Local	vel of Acti State	ion <u>National</u>
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a rest OYes ONO U/K If yes, select all that apply and describe: Child welfare De Law enforcement De	olicies of ult of the escribe:	ING FROM THE	3. What I	W recommendations and/or initiat o recommendations and/or initiat Recommendations and/or initiat Recommendations and/or initiat Media campaign	ives resulted atives made Curren ecommenda	d from the re e, go to L7 nt Action S	eview? Cheo tage ementation	ck all that apply:	vel of Acti State	ion <u>National</u>
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resure of Yes No U/K If yes, select all that apply and describe: Child welfare Describe: Child welfare Describe: Description: Description:	olicies or ult of the escribe: escribe:	ING FROM THE	3. What I	W recommendations and/or initiat or recommendations and/or initiat Ref Ref Media campaign School program	ives resulted atives made Curre ecommenda	d from the re e, go to L7 nt Action S	eview? Cher tage ementation	ck all that apply:	vel of Acti	ion <u>National</u>
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a result of Yes No U/K If yes, select all that apply and describe: Child welfare Describe: Child welfare Describe: Description: Child welfare Describe: Child welfare Describe: Coroner/medical examiner Describe:	olicies of ult of the escribe: escribe: escribe:	ING FROM THE	3. What	W recommendations and/or initiat or recommendations and/or initiat Recommendations and Recommendations and Recommendations and Recommendations and Recommendations and Recommendations Rec	ives resulted atives made Curre ecommenda	d from the re e, go to L7 nt Action S	eview? Chee tage ementation	ck all that apply:	vel of Acti	ion <u>National</u>
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resule 'Yes' No U/K If yes, select all that apply and describe: Child welfare Describe: Child welfare Describe: Child welfare Describe: Child welfare Describe: Coroner/medical examiner Describe: Courts Describe:	olicies of ult of the escribe: escribe: escribe: escribe:	ING FROM THE	3. What I	W recommendations and/or initiat or recommendations and/or initiat Recommendations and Recommendations and Recommend	ives resulted atives made Curren accommendar	d from the re e, go to L7 nt Action S	tage ementation	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resu OYes ONO U/K If yes, select all that apply and describe: Child welfare De Law enforcement De Law enforcement De Courts De Health care systems De	olicies o ult of the escribe: escribe: escribe: escribe: escribe:	ING FROM THE	3. What I	W Crecommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Recommendations and Recommendations and Recom	ives resulted atives made curre ecommenda	d from the re e, go to L7 nt Action S	aview? Check tage ementation O O O O O	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resure of Yes No U/K If yes, select all that apply and describe: Child welfare De Law enforcement De Law enforcement De Coroner/medical examiner De Courts De Education De Courts De	olicies o ult of the escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE	3. What I	W Crecommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Redia campaign School program Community safety project Provider education Parent education Public forum	ecommenda currer currer commenda currer commenda currer commenda currer curer currer currer currer currer currer currer currer	d from the re e, go to L7 nt Action S	eview? Check tage ementation	ck all that apply:	vel of Acti	ion <u>National</u>
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resure of Yes on U/K If yes, select all that apply and describe: Child welfare De Law enforcement De Law enforcement De Coroner/medical examiner De Courts De Health care systems De Education De Mental health De	olicies of ult of the escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE	3. What is not a constrained in the second s	W recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Ref Media campaign School program Community safety project Provider education Parent education Public forum Other education	ives resulted atives made curre ecommenda	d from the re e, go to L7 nt Action S	eview? Check tage ementation	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a rest OYes No OU/K If yes, select all that apply and describe: Child welfare De Child wel	olicies of ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE	3. What I	W recommendations and/or initiat to recommendations and/or initiat to recommendations and/or initiat Ref Media campaign School program Community safety project Provider education Parent education Public forum Other education New law/ordinance	ives resulted atives made curre commenda	d from the re e, go to L7 nt Action S	aview? Check tage ementation O O O O O O O O O O	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resu	olicies or ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE	Faw Education	W recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Ref Media campaign School program Community safety project Provider education Parent education Public forum Other education New law/ordinance Amended law/ordinance Enforcement of law/ordinance	ives resulted atives made curre commenda 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	d from the re e, go to L7 nt Action S	eview? Check tage ementation	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resu	olicies or ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE	Faw Education	W recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Ref Media campaign School program Community safety project Provider education Parent education Parent education Public forum Other education New law/ordinance Amended law/ordinance Enforcement of law/ordinance Modify a consumer product	ives resulted atives made currer commendar	d from the re e, go to L7 nt Action S	aview? Check	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resu	olicies or ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE	Faw Education	W recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Redia campaign School program Community safety project Provider education Parent education Parent education Public forum Other education New law/ordinance Amended law/ordinance Enforcement of law/ordinance Enforcement of law/ordinance Recall a consumer product Recall a consumer product	ives resulted atives made curre commendar	d from the re e, go to L7 nt Action S	aview? Check	ck all that apply:	vel of Acti	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resure of Yes on U/K If yes, select all that apply and describe: Child welfare De Law enforcement De Law enforcement De Courts De Health care systems De Education De Mental health De Substance abuse De Other, specify: De	olicies of ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE practices review?	3. What is not a constrained in the second s	W recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Receil a consumer product New law/ordinance Enforcement of law/ordinance Enforcement of law/ordinance Recall a consumer product Modify a public space	ives resulted atives made curre commenda	d from the re e, go to L7 nt Action S	aview? Check	ck all that apply:	vel of Acti State	ion National
	olicies of ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE practices review?	Faw Education	W recommendations and/or initiat to recommendations and/or initiat to recommendations and/or initiat Ref Media campaign School program Community safety project Provider education Parent education Public forum Other education New law/ordinance Amended law/ordinance Enforcement of law/ordinance Enforcement of law/ordinance Modify a consumer product Recall a consumer product Modify a public space Modify a private space(s)	ives resulted atives made curre commenda 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	d from the re e, go to L7 nt Action S	aview? Check	ck all that apply:	vel of Acti State	ion National
L. PREVENTION INITIATIVES RE 1. Were new or revised agency services, por recommended or implemented as a resur- OYes No U/K If yes, select all that apply and describe: Child welfare De Child welfare De Dublic health De Coroner/medical examiner De Courts De Health care systems De Education De Mental health De Substance abuse De Other, specify: De	olicies of ult of the escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe: escribe:	ING FROM THE practices review?	Faw Education	W recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat or recommendations and/or initiat Receil a consumer product New law/ordinance Enforcement of law/ordinance Enforcement of law/ordinance Recall a consumer product Modify a public space	ives resulted atives made curre commenda	d from the re e, go to L7 nt Action S	eview? Check	ck all that apply:	vel of Acti State	ion National
 PREVENTION INITIATIVES RE Were new or revised agency services, por recommended or implemented as a rest OYes No U/K If yes, select all that apply and describe: Child welfare Child welfare Decorrected at that apply and describe: Courts Courts Education Mental health EMS Substance abuse Other, specify: 2. Describe the risk factors in the death that 	olicies or ult of the escribe:	ING FROM THE practices review? m feels need	Environment Law Education	W recommendations and/or initiat precommendations and/or initiat precommendations and/or initiat precommendations and/or initiat precommendations and/or initiat Recommendations and/or in	ives resulted atives made curre accommendar	d from the re e, go to L7 nt Action S tion Imp	eview? Check	ck all that apply:	vel of Acti State	ion National
 PREVENTION INITIATIVES RE Were new or revised agency services, precommended or implemented as a rest OYES Yes No U/K If yes, select all that apply and describe: Child welfare Child welfare Decomposition Child welfare Decomposition Coroner/medical examiner Courts Education Mental health EMS Other, specify: Describe the risk factors in the death that to be addressed: 	olicies or ult of the escribe:	ING FROM THE practices review? m feels need	Environment Law Education	W recommendations and/or initiat precommendations and/or initiat precommendations and/or initiat precommendations and/or initiat precommendations and/or initiat Recommendations and/or in	ives resulted atives made curre accommendar	d from the re e, go to L7 nt Action S tion Imp	eview? Check	ck all that apply:	vel of Acti State	ion National
 PREVENTION INITIATIVES RE Were new or revised agency services, precommended or implemented as a rest OYES Yes No U/K If yes, select all that apply and describe: Child welfare Child welfare Decomposition Child welfare Decomposition Coroner/medical examiner Courts Education Mental health EMS Other, specify: Describe the risk factors in the death that to be addressed: 	olicies of ult of the escribe:	ING FROM THE practices review? m feels need could be implemented	Eurorement Law Education	W recommendations and/or initiat recommendations recommen	ives resulted atives made currer commenda 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	d from the re e, go to L7 nt Action S tion Imp	eview? Check	ck all that apply:	vel of Acti State	ion National

6. Who was given the recommendation(s)) and or/initiative(s) to implem	ent? Check all that a	apply:		
N/A, no strategies	Social services	Other health of the oth	care providers	Elected official	☐ Youth group
□ No one	Mental health	Law enforcem	nent 🗆	Advocacy organization	Other, specify:
Community Action Team	Schools	Medical example	iner 🗌	Local community group	
Health department	Hospital	Coroner		New coalition/task force	□ u/ĸ
7. Could the death have been prevented?	Yes, probably	ONo, proba	bly not O Team	could not determine	
	C 100, probably	0 110, p.004			
M. THE REVIEW MEETING PRO	DCESS				
1. Date of first review meeting:	2. Numbe	er of review meetings	for this case:	3. Is review complete?	○ N/A ○ Yes ○ No
 Agencies and individuals at review mee 	ting, check all that apply:				
				Mental health	□ Child advocate
Medical examiner/coroner			er health care		
Law enforcement	Other social services	Fire		Substance abuse	,
Prosecutor/district attorney	Physician			Home visiting	Domestic violence
Public health	□ Nurse		th based organization	Healthy Start	Others, list:
HMO/managed care	Hospital	🗆 Edu	ucation	Court	
5. Were the following data sources availab	le at the review meeting?		Did any of the following	factors reduce meeting effect	tiveness, check all that apply:
Check all that apply:			None		
CDC's SUIDI Reporting Form			Confidentiality issue	s among members prevented	d full exchange of information
Jurisdictional equivalent of the C	DC SUIDI Reporting Form		HIPAA regulations p	prevented access to or excha	nge of information
Birth certificate - full form			Inadequate investigation	ation precluded having enoug	th information for review
Death certificate			Team members did	not bring adequate information	on to the meeting
Child's medical records or clinica	al history, including vaccinatic	ins	Necessary team me	mbers were absent	
Biological mother's obstetric and	d prenatal information		Meeting was held to	o soon after death	
Newborn screening results			Meeting was held to	o long after death	
Law enforcement records			Records or informat	ion were needed from anothe	er locality in-state
Social service records			Records or informat	ion were needed from anothe	er state
Child protection agency records			Team disagreement	on circumstances	
EMS run sheet			Other factors, speci		
Hospital records					
Autopsy/pathology reports					
☐ Home visiting					
Mental health records					
□ School records					
Substance abuse treatment record	ords				
7. Review meeting outcomes, check all the	at apply:				
Review led to additional investigatio				Review led to the del	ivery of services
Team disagreed with official manne		ieve manner should b	e?		es in agency policies or practices
Team disagreed with official cause					tion initiatives being implemented
Because of the review, the official c					State National
N. SUID AND SDY CASE REGIS		5.0	This section disr	plays online based on your sta	
Section N: OMB No. 0920-1092, Exp. Date: 12				Says online based on your su	ne s settings.
Public reporting burden of this collection of info		10 minutes per response	e, including the time for review	ing instructions, searching existi	ng data sources, gathering and
maintaining the data needed, and completing an	nd reviewing the collection of info	ormation. An agency ma	y not conduct or sponsor, and	a person is not required to respo	ond to a collection of information
unless it displays a currently valid OMB control					suggestions for reducing this
burden to: CDC/ATSDR Reports Clearance Off 1. Is this an SDY or SUID case?	\bigcirc Yes \bigcirc No	If no, go to Section		12)	
2. Did this case go to Advanced Review for				luding anno dataila that halm	ed determine SDY categorization
	JI THE SDT Case Registry?		o improve the review:		d determine SDT categorization
O N/A O Yes O No		and any ways t	o improve the review.		
If yes, date of first Advanced Re	eview meeting:				
4. Professionals at the Advanced Review	_		_		_
□ Cardiologist	Death investigator		Geneticist or genetic	c counselor	Pediatrician
CDR representative	Epileptologist		Mental health profest	ssional	Public health representative
	Forensic pathologist/me	edical examiner	Neonatologist		Others, specify:
5. Did the Advanced Review team believe	the autopsy was	6. If autopsy perform	ned, did the ME/coroner/pa	thologist use the SDY Autops	sy Guidance or Summary?
comprehensive? OYes ON	No OU/K	0	N/A OYes ONo	О u/к	

7. Was a specimen sent to the SDY Case Registry biorepository?	8. Did the family consent to have DNA	A saved as part of the SDY Case Registry?
○N/A ○Yes ○No ○U/K	◯ N/A ◯ Yes	
	If no, why not? O Conser	nt was not attempted
		nt was attempted but follow up was unsuccessful
		nt was attempted but family declined
	_	
	O Other,	specity:
9. Categorization for SDY Case Registry (choose only one):	2	
	ed neurological O Explained	
O Incomplete case information O Explain		ed, possible cardiac O Unexplained death
O Explained cardiac (und	er age 1) O Unexplaine and SL	ed, possible cardiac
10. Categorization for SUID Case Registry (choose only one):		
 Excluded (other explained causes, not suffocation) 		If possible suffocation or explained suffocation, select the primary
O Unexplained: No autopsy or death scene investigation		mechanism(s) leading to the death, check all that apply:
O Unexplained: Incomplete case information		□ Soft bedding
O Unexplained: No unsafe sleep factors		□ Wedging
O Unexplained: Unsafe sleep factors		□ Overlay
O Unexplained: Possible suffocation with unsafe sleep factors		Other, specify:
O Explained: Suffocation with unsafe sleep factors		
O. NARRATIVE		
O1. NARRATIVE Use this space to provide more detail on the circums		
P. FORM COMPLETED BY: Person:	Email:	
Title:	Date completed	: pleted for this case?
Agency: Phone:		
	For State Progra Data quality as	m Use Only: surance completed by state?
	CEREP Center for Fatality Review & Prevention	on
The development of this report tool was	supported, in part, by Grant No. U	G7MC28482 from the Maternal and Child Health
		Administration, Department of Health and
		ntrol and Prevention, Division of Reproductive Health
	Data Entry: https://data.ncfrp	
www.ncfrp.org info@nc		cebook and Twitter: NationalCFRP
	r g	

Appendix D

Grief Support and Information Resources For information on local support groups throughout Tennessee, refer to the accompanying booklet, Bereavement Support Services in Tennessee.

Association of SIDS and Infant Mortality Programs

1148 S Hillside St Wichita, KS 67211 Toll Free: 800-930-7437 • Fax: 517-485-0163 ncemch.org/suid-sids/SIDS_manual/chapter7/7_16.html

CJ First Candle/SIDS Alliance 49 Locust Ave, Suite 104 New Canaan, CT 06840 800-221-7437 cjfirstcandle.org

Eunice Kennedy Shriver National Institute of Child Health and Human Development Public Information and Communications Branch 31 Center Drive Building 31, Room 2A32, MSC 2425 Bethesda, MD 20892-2425 800-370-2943 E-mail: NICHDInformationResourceCenter@mail.nih.gov nichd.nih.gov/

National Center for Cultural Competence Georgetown University Center for Child and Human Development 3300 Whitehaven Street N.W., Suite 3300 Washington, DC 20057 TTY: 202-687-5387 E-mail: cultural@georgetown.edu nccc.georgetown.edu

National Center for Education in Maternal and Child Health Georgetown University Box 571272 Washington, DC 20057-1272 E-mail: mchevidence@ncemch.org mchlibrary.org/collections/suid-sids/

NICHHD Resource Center P.O. Box 3006 Rockville, MD 20847

The Compassionate Friends, Inc. 1000 Jorie Blvd., Suite 140 Oak Brook, IL 60523 Toll Free: 877-969-0010 • Fax: 630-990-0246 compassionatefriends.org

Training

Prevention Through Understanding Tennessee Department of Health and Middle Tennessee State University mtsu.edu/learn/sids sidstrainingtn.org https://www.mtsu.edu/chhs/publications.php Prevention Through Understanding:

Investigating Unexpected Child Death

References

Understanding: Investigating Unexpected Child Death

Prevention

Through

1. Centers for Disease Control and Prevention.

- Centers for Disease Control and Prevention. *Sudden Unexplained Infant Death Investigation* form and guidelines, cdc.gov/sids.
- 2. Chapman, D. A., and Law, D. 2001. *Sudden Infant Death Syndrome: Tennessee 1990–1998*. Health Statistics and Research, State of Tennessee, Department of Health, Bureau of Health Informatics (DOH Authorization No. 343379).
- First Candle SIDS Alliance. January 2007. Q & A on SIDS, adapted from materials developed by the National Institute of Child Health and Human Development (NICHD). Retrieved in September 2008 from http://publichealth.lacounty.gov/mch/sids/SIDSresources/SIDS_ParentsFamilies/ SIDS%20Q%20and%20A%20-%20First%20Candle.pdf.
- Tennessee Department of Health, Child Fatality Review Database System. SIDS in Tennessee, data retrieved in September 2009. https://www.tn.gov/health/health-program-areas/statistics/health-data.html.
- 5. Levy, Bruce P. *Death Scene Investigation: Unexpected Child Death*, PowerPoint presentation.
- 6. Minnesota EMS Training Manual. 2003. *When an Infant Dies: The Emergency Response*. Minnesota Sudden Infant Death Center.
- 7. SIDS Network. Glossary of SIDS-Related Terminology, retrieved in September 2009. sids-network.org.
- 8. TENN. CODE Ann. Section § 37-1-412, 68-1-11, 68-142, 68-3-5 (2001), 68-1-1102 (Supp. 2002), and 68-1-1103 (2005). State of Tennessee.
- 9. Tennessee Department of Children's Services. *Child Safety Division*. Available from the Department of Children's Services tn.gov/dcs/program-areas/child-safety.html.
- Tennessee Department of Health, Maternal and Child Health Section. *Child Fatality Review Teams and Child Fatality Review Districts.* Available from the Tennessee Department of Health at tn.gov/health/health-program-areas/fhw/child-fatality-review.html or tn.gov/dcs/program-areas/child-safety.html
- 11. Tennessee Joint Task Force on Children's Justice/Child Sexual Abuse Alert: *Notice of Change in Child Abuse Reporting*, October 17, 2005.