



Applying Safety Science to Child Protection

Michael Cull, Deputy Commissioner
TN Dept. of Children's Services

September 15, 2016

Safety Culture in Child Welfare

A **safety culture** is one in which organizational values, attitudes, and behaviors support an engaged workforce and reliable care delivery.

Leaders in a safety culture:

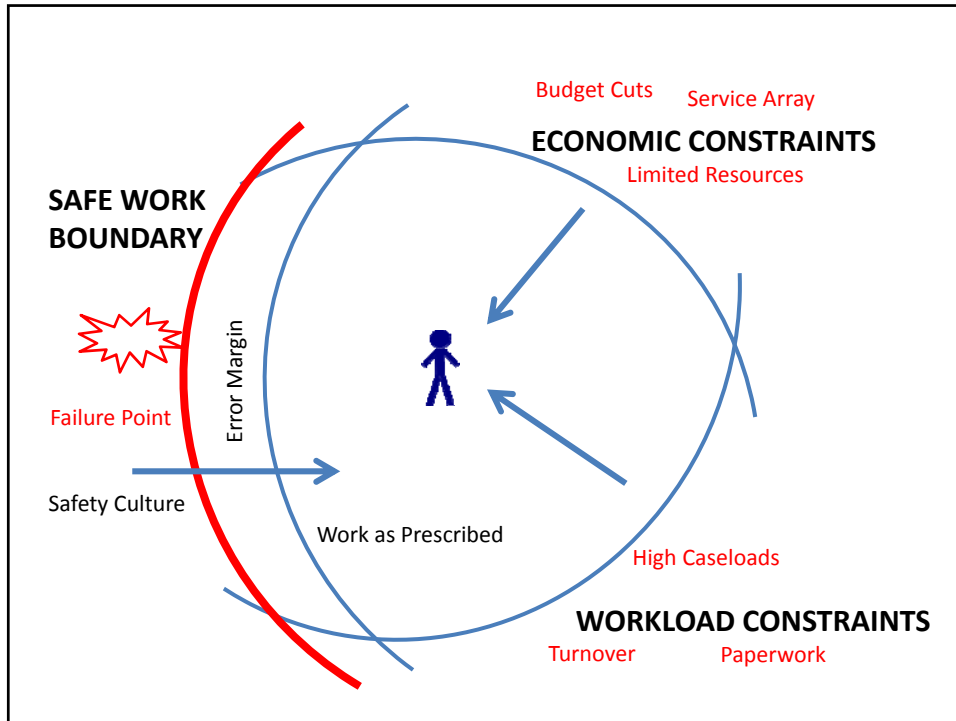
- Strive to balance systems and individual accountability; and
- Value open communication, transparency, and continuous learning and improvement.

Teams in a safety culture

- Monitor themselves, their colleagues, and their system for stress
- Anticipate and respond to unexpected events

Cull, Rzepnicki, O'Day, & Epstein (2013)





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Social workers charged with child abuse in case involving torture and killing of Gabriel Fernandez, 8

L.A. County social workers Patricia Clement, left, and Stefanie Rodriguez, third from left, are arraigned in Los Angeles along with their

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DCS officials say they're seeking the "same culture."

Children and Youth Services Review

Journal homepage: www.knoxnews.com/childrenyouth

Assessing safety culture in child welfare: Evidence from Tennessee

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1. Introduction

Child welfare agencies are charged with keeping vulnerable children safe. The scope of this responsibility is substantial (U.S. Government Accountability Office, 2011). For example, in 2013 48 welfare agencies across the United States received an estimated 5.3 million referrals of abuse and neglect involving over 6 million children with over 1,200 of their referrals resulting in child fatalities due to abuse and neglect (U.S. Department of Health and Human Services, 2015). In addition, during every 15-minutes period, an estimated 100 children in their care experience the loss of a caregiver (American Professional Society on the Abuse of Children, 2010; Whaley, 2005). The magnitude and frequency of these child welfare failures that threaten or endanger the lives of children in the child welfare system, the frequency of fatalities where a child is not removed from a home where the child is later harmed, the general significant media attention, and public outrage that threaten the reputation and funding of agencies (Cul, Hengebrok, O'Leary, & Epstein, 2011; Child Welfare League of America, 2006; Cul, 2006; Epstein et al., 2010)

Problems of harm posed to child welfare, in part, because it is an incredibly difficult context for change. Change is hard due to the interconnectedness of multiple factors. Few resources are increasingly used in child welfare agencies due to budget cuts and being forced to do more with less (Lewin, 2006) while simultaneously performing greater needs and public scrutiny (Cul, Hengebrok, & O'Leary, 2011). Many safety and health efforts made in child welfare agencies meeting delivery (Carr-Saunders & Gilchrist, 2002; Cul, 2006; Epstein et al., 2010). In other words, what we do is often broken and risk-averse in order to minimize low-morbidity, high-cost outcomes like child death (Chapman & Markowitz, 2015). Second, child welfare workers in practice face the most onerous and stressful conditions in high levels of job pressure with heavy and increasing workloads, often with little and almost no training (Epstein et al., 2010). Research (Epstein et al., 2010; Thompson, 2005). As an overwhelming workload coupled with inadequate training and staffing (Bach, 1998; Child Welfare League of America, 2008) further inhibits change to meet the pressing problems in child welfare. Third, Tennessee, like all other states (Cul, 2006), find that heavy workload often accompanied by significant pressure to process cases quickly.

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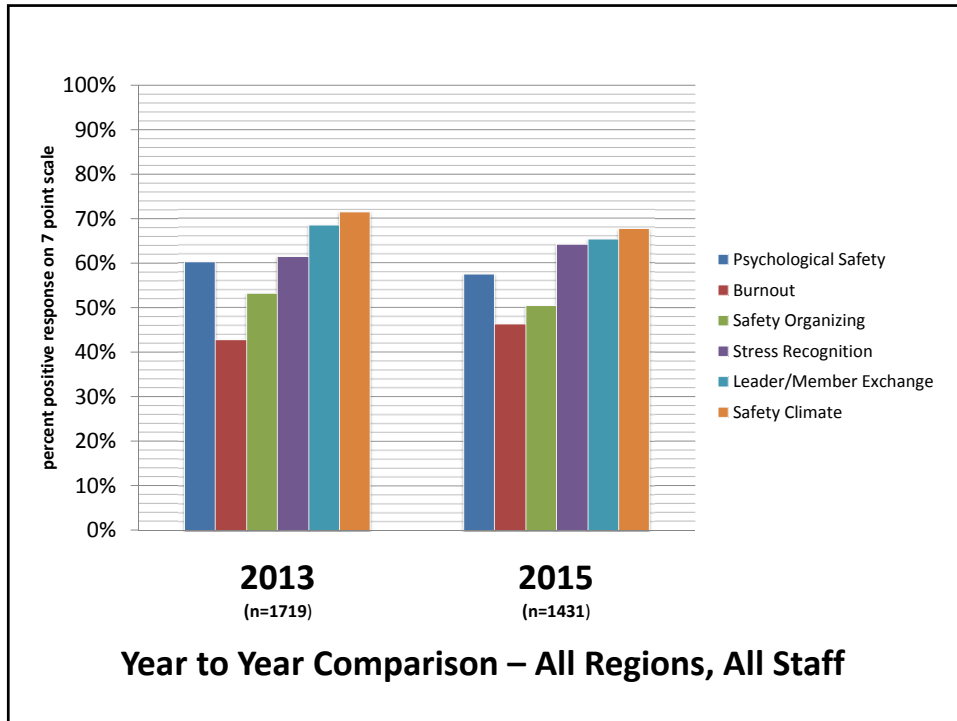
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TN examines child deaths with more care

Tony Gonzalez, tgonzalez@tennessean.com 11:57 p.m. CDT May 7, 2014

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(Photo: Samuel M. Simpkins / File / The Tennessean)

Tennessee's child abuse investigators, who confront life-or-death decisions about whether kids are safe in their homes, haven't always been willing to talk when things go wrong — when children die or suffer severe injuries.

And for at least a couple of years, caseworkers didn't have to say much of anything.

The Department of Children's Services fell behind on internal reviews of child deaths. When they did look back, the reviews did little to explain what led to each incident, or what might save other children.

That's changing.

The department recently completed its first year of new, more immediate and more exacting death reviews as required by a federal judge. A court order requiring changes followed a [Tennessean](#)

STORY HIGHLIGHTS

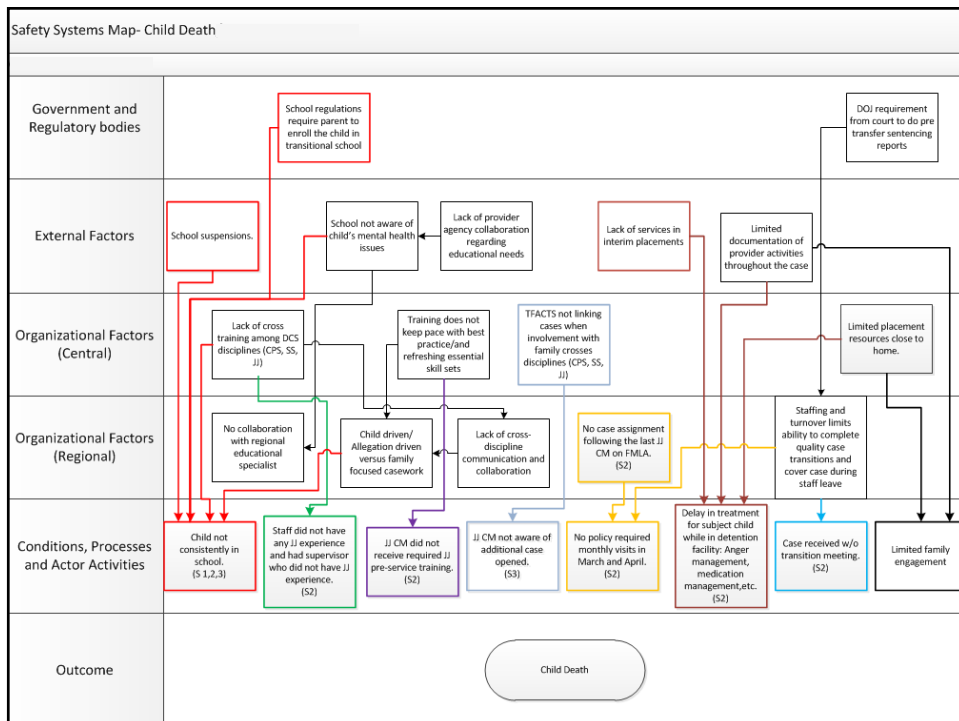
- High caseloads make work tough for TN child abuse investigators.
- After problems, the state has a new way of reviewing child fatalities.
- So far in 2014, DCS has opened 69 child death investigations.

CDR Review Criteria

1. A child was **in DCS custody** at the time of death;
2. DCS had contact with the child or family within **three (3) years preceding** the child's date of death;
3. The child's death has been **substantiated for abuse**; OR
4. The Commissioner, Medical Director or the Deputy Commissioner of the Office of Child Safety requests a review.

Four Important Elements

1. Analysts trained to think like Human Factors engineers
2. Data gathering and timeline development
3. Individual debriefings with involved staff and collaterals
4. Team-based process mapping



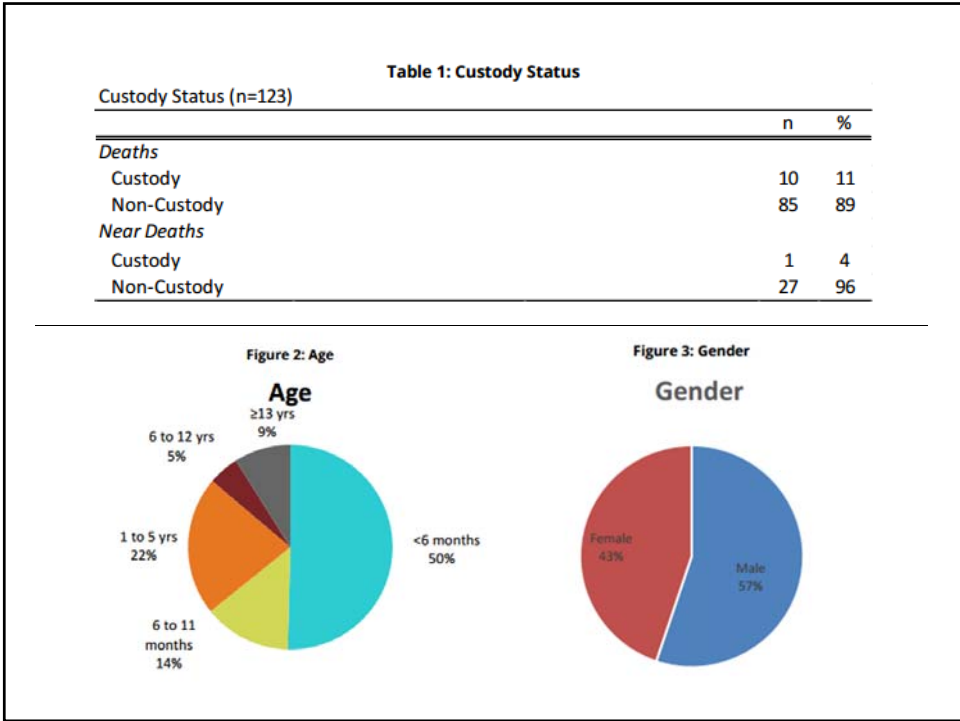
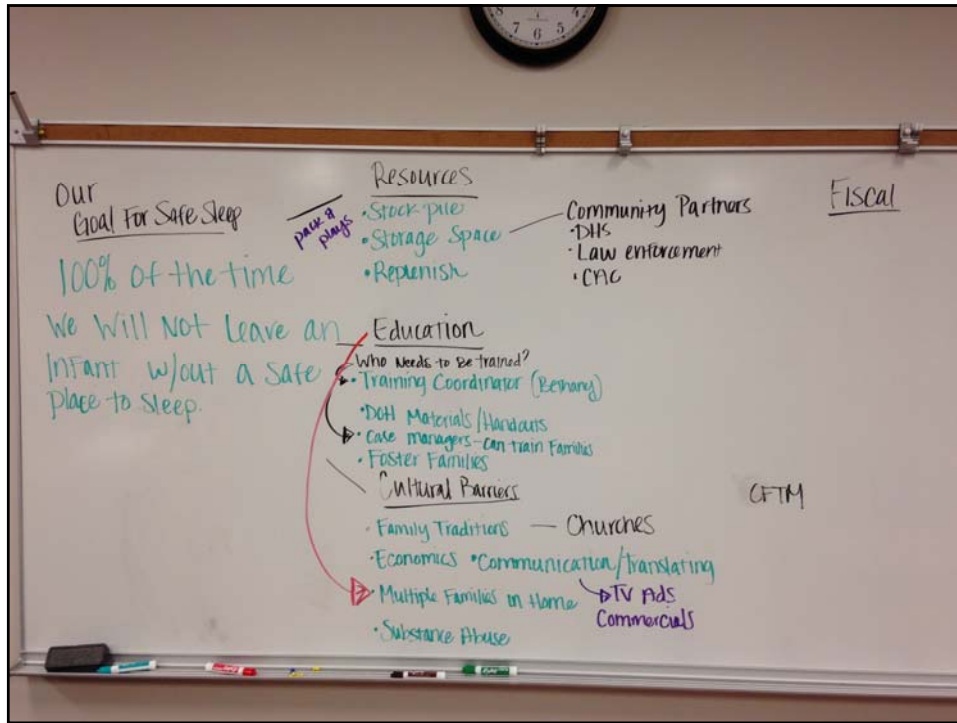

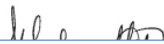


Table 6: Cause of Death

Cause of Death (n=95)	n	%
Medical	28	29
Child abuse/Non-accidental trauma	0	0
Motorized vehicle	4	4
Weapon	4	4
Drowning	1	1
Blunt Force trauma	6	6
Poisoning/Overdose	5	5
Fire/Burn	1	1
Inadequate care/Neglect	0	0
NAS	0	0
Acute Life threatening event	0	0
Suffocation/Strangulation/Asphyxiation infants	21	22
Suffocation/Strangulation/Asphyxiation age 1-18 years	5	6
Fall Injury	0	0
Other	4	5
Unable to determine	16	17



 State of Tennessee Department of Children's Services		
Local Administrative Procedures/Protocols for Facility/Region: Shelby		
Dept. of Children's Services Administrative Policies and Procedures: N/A – New Protocol		
Subject:	Issuance of Pack N Plays to ensure Safe Sleep for infants.	
Effective Date:	3/16/15 Supersedes: N/A	Regional/Facility Review Date:
Approved by:		Title: Regional Administrator
		Date:

“100% of the time we will not leave any infant in a home without a safe place to sleep”

Shelby wants to ensure that parents know the ABC's of Safe Sleep and are empowered to share the information with other families who may be placing infants down to sleep. The Safe Sleep Initiative's goal is to make sure that babies have their first birthdate. In keeping with the ABC's of Safe Sleep:

A – Infants should always sleep **ALONE**

B – Infants should be place to sleep on their **BACK**

C – Infants should always be put to sleep in a **CRIB**, Bassinet or Pack N Play.

Key factors to remember:

Babies should always be placed on their backs to sleep

