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Data and Suicide Prevention: A Statewide Update

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Texas Health and Human Services

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Overview

- Statewide Suicide Prevention Data
 - ▶ Mortality Data
 - ▶ Texas Poison Control Network Data
- Provisional Mortality Data



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Texas Suicide Mortality

National Center for Health Statistics at the CDC

- Data is available yearly, with a two-year delay.
- All death certificates in Texas residents with suicide as the manner of death.
- In 2019 and 2020, Texas rates remained the same at 13.4 deaths per 100,000 population.
- The 2021 rate increased to 14.2 deaths per 100,000 population.
- Looking at rates by sex, simple urbanization, and race and ethnicity.

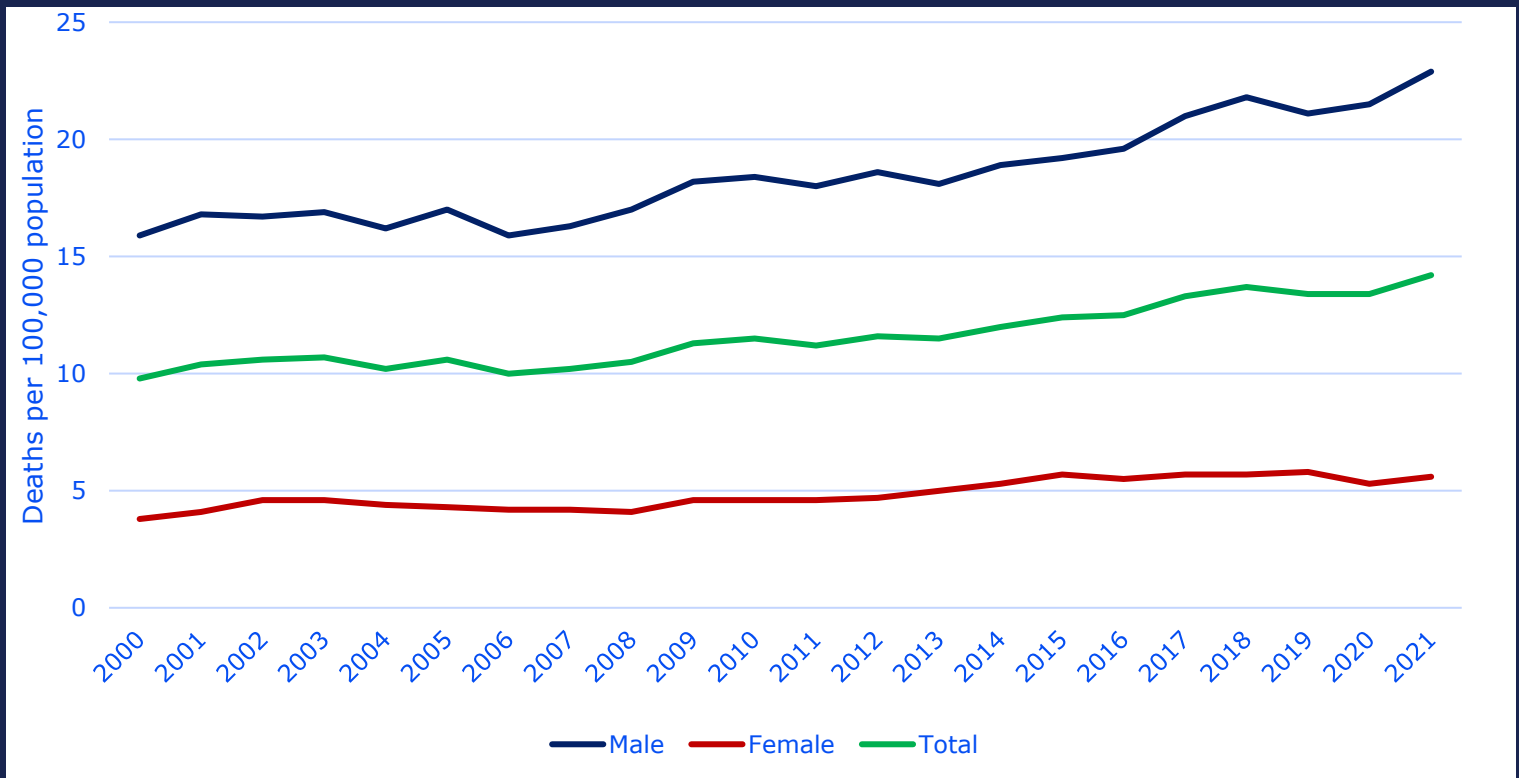


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Texas Suicide Mortality by Sex, 2000-2021



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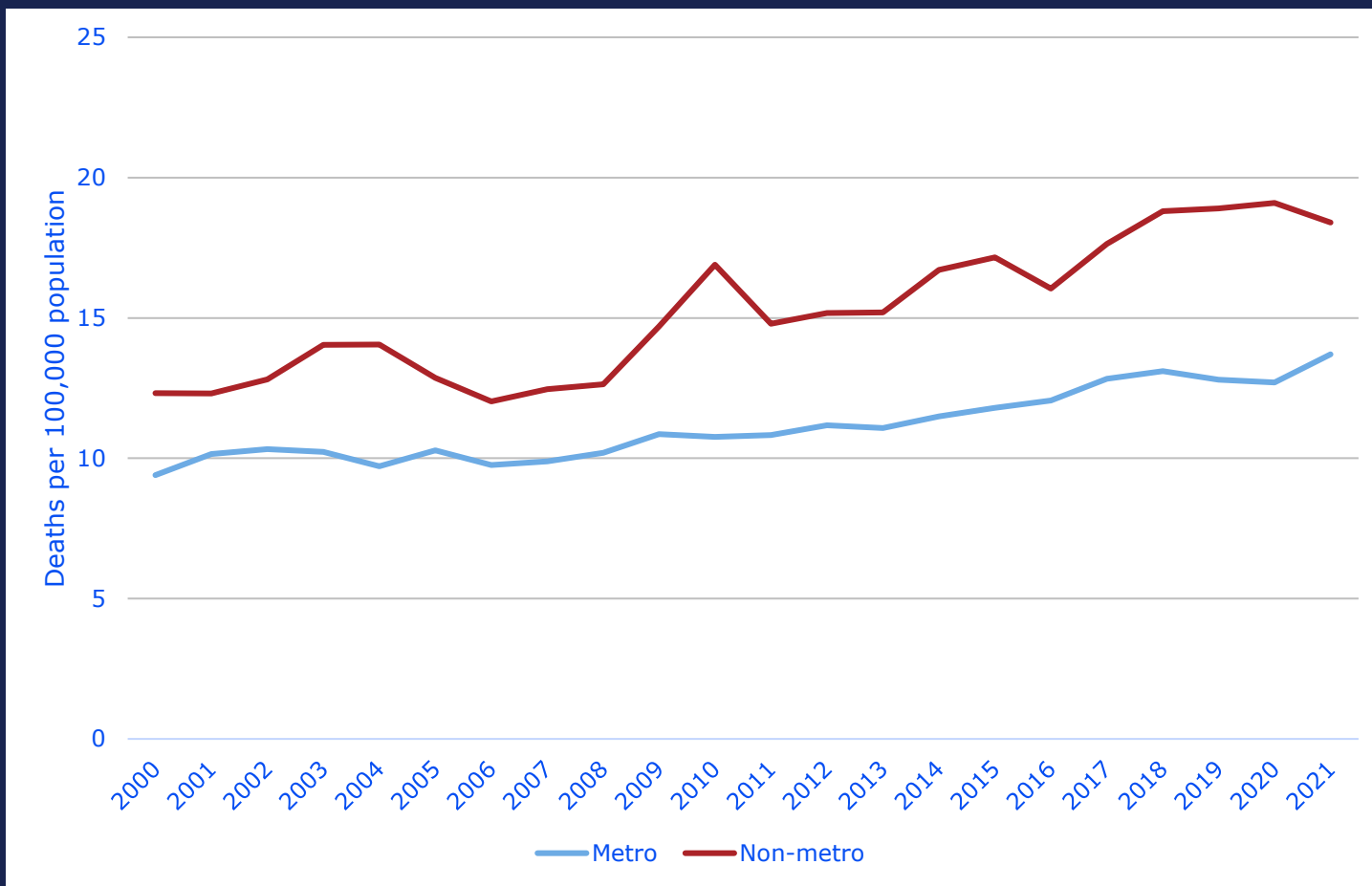


Source: CDC WONDER

Texas Suicide Mortality by Urbanization, 2000-2021



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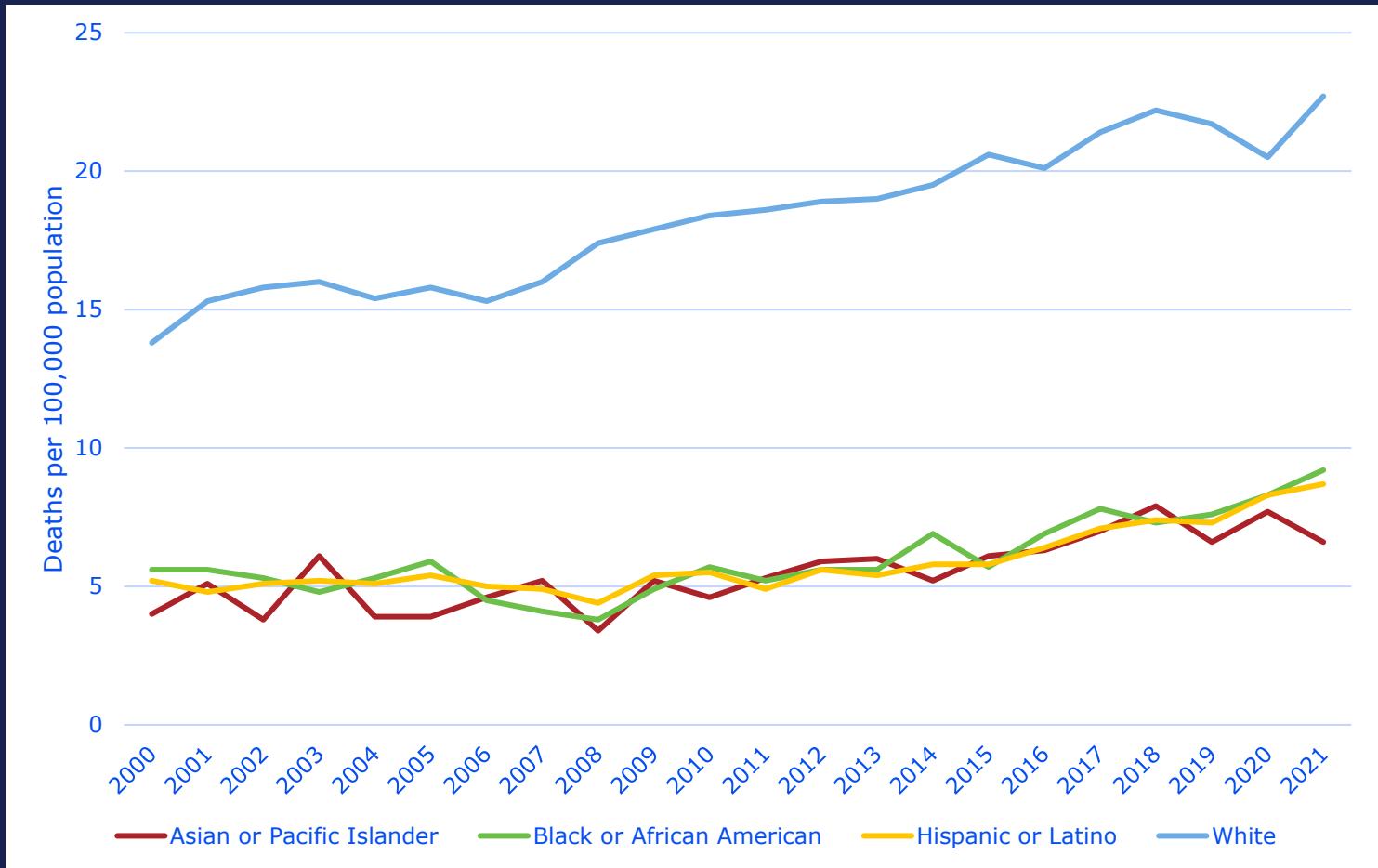


Source: CDC WONDER

Texas Suicide Mortality by Race and Ethnicity, 2000-2021

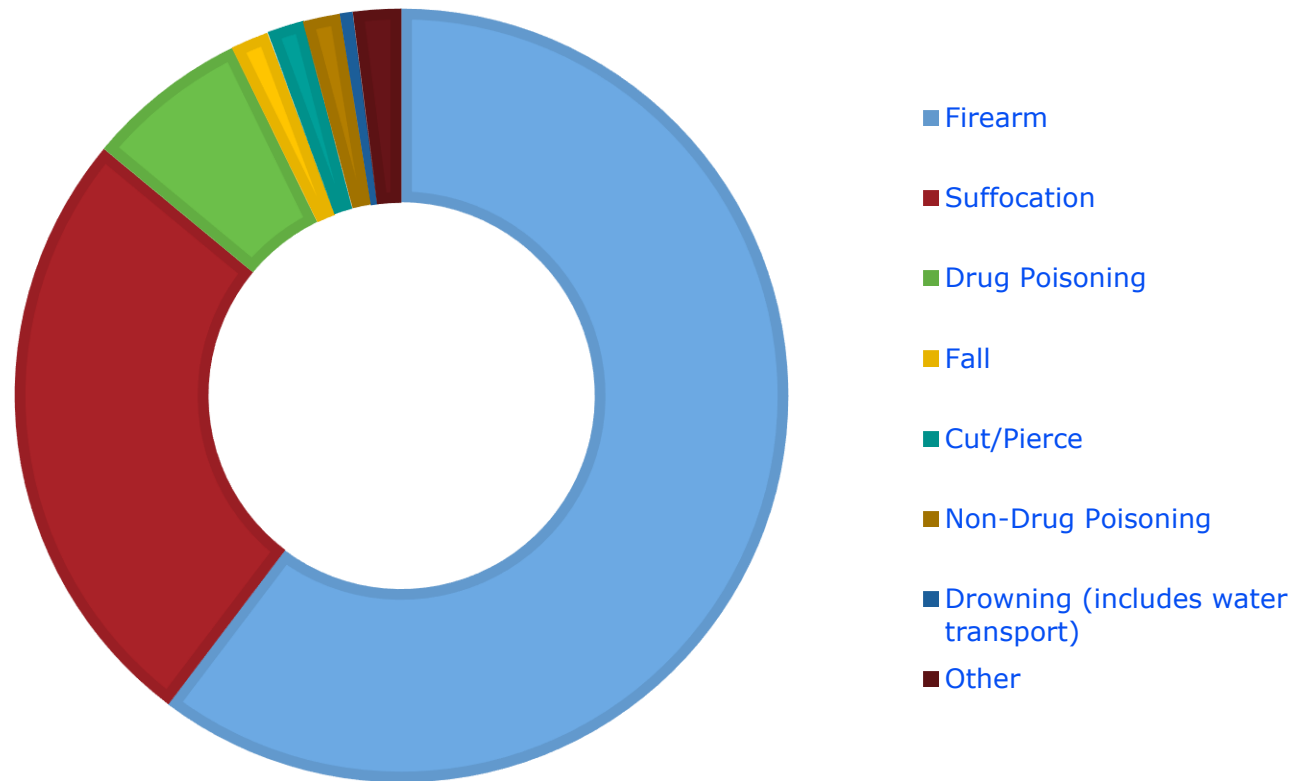


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Source: CDC WONDER

2021 Texas Suicide Mortality by Means



Source: CDC WISQARS



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Suspected Suicide Attempt Calls to Poison Control

Texas Poison Control Network (TPCN) at DSHS

- Data available in near real time.
- Calls received from EMS, emergency departments, doctor's offices, and the general public.
- Calls are coded by location of call, not residence of subject, so local rates are not possible.
- Looked at calls concerning 13 to 19 year olds and six to 12 year olds by sex.

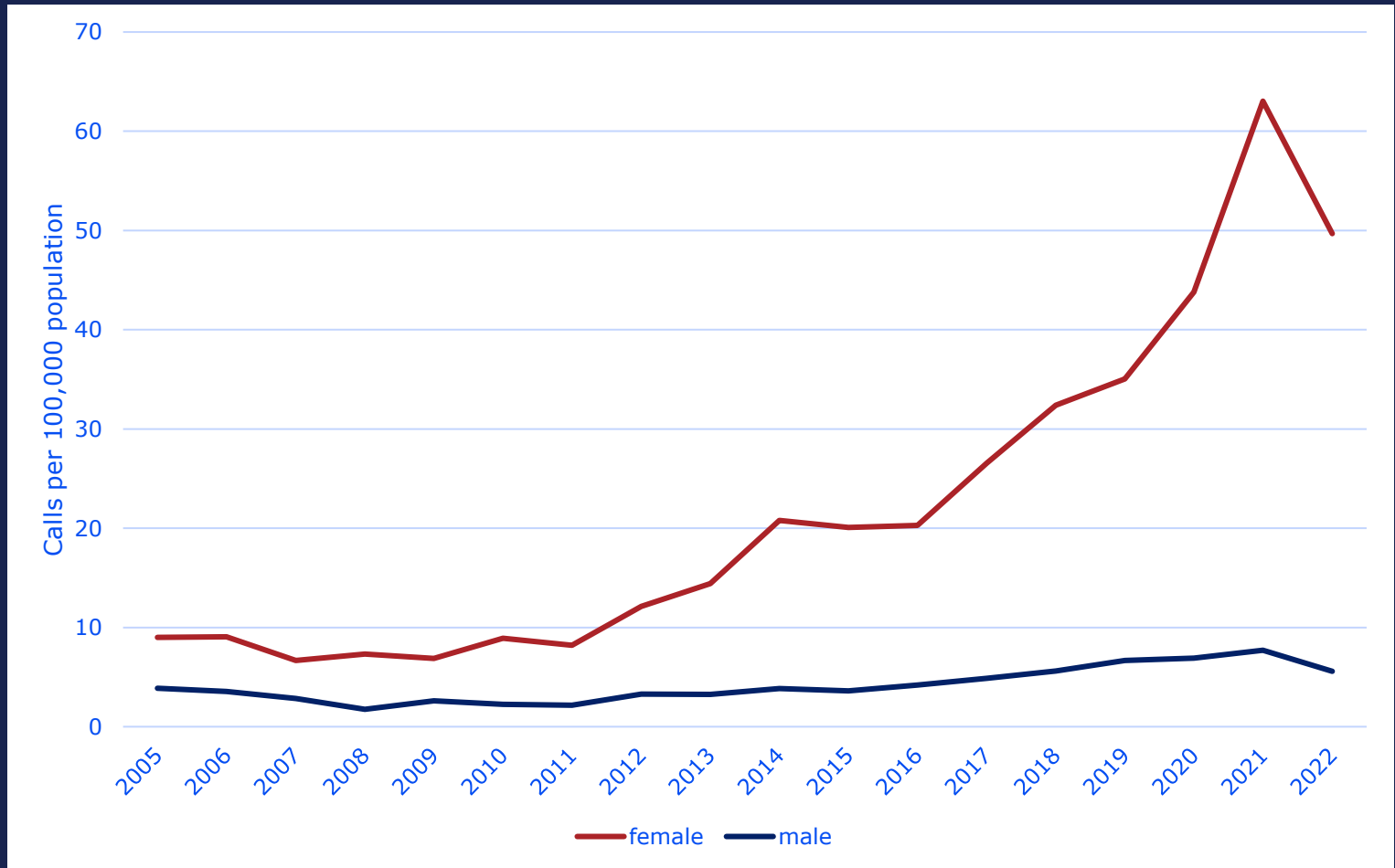


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Suspected Suicide Calls to TCPN Concerning six to 12 year olds



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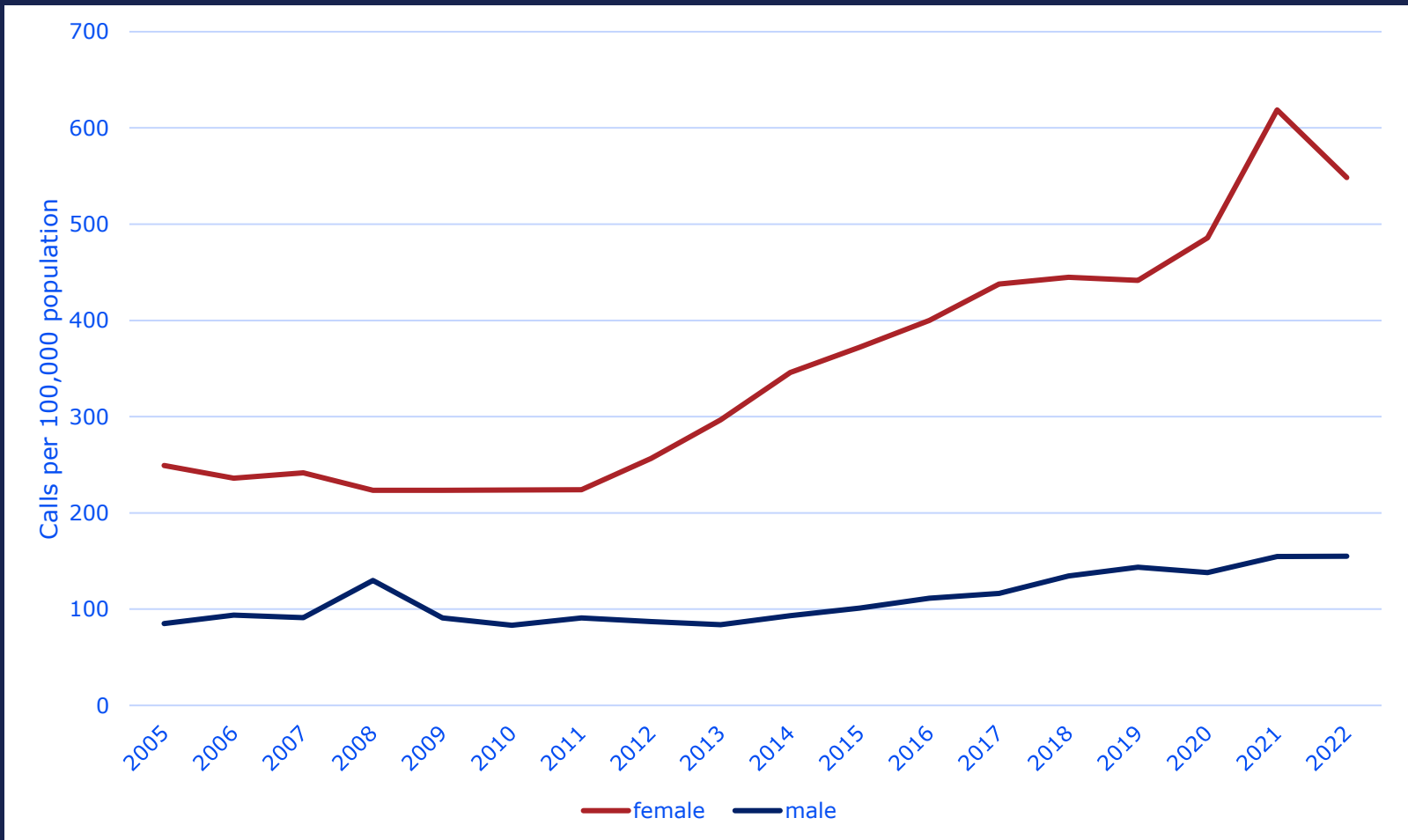


Source: Texas Poison Control Network, DSHS

Suspected Suicide Calls to TCPN Concerning 13 to 19 year olds



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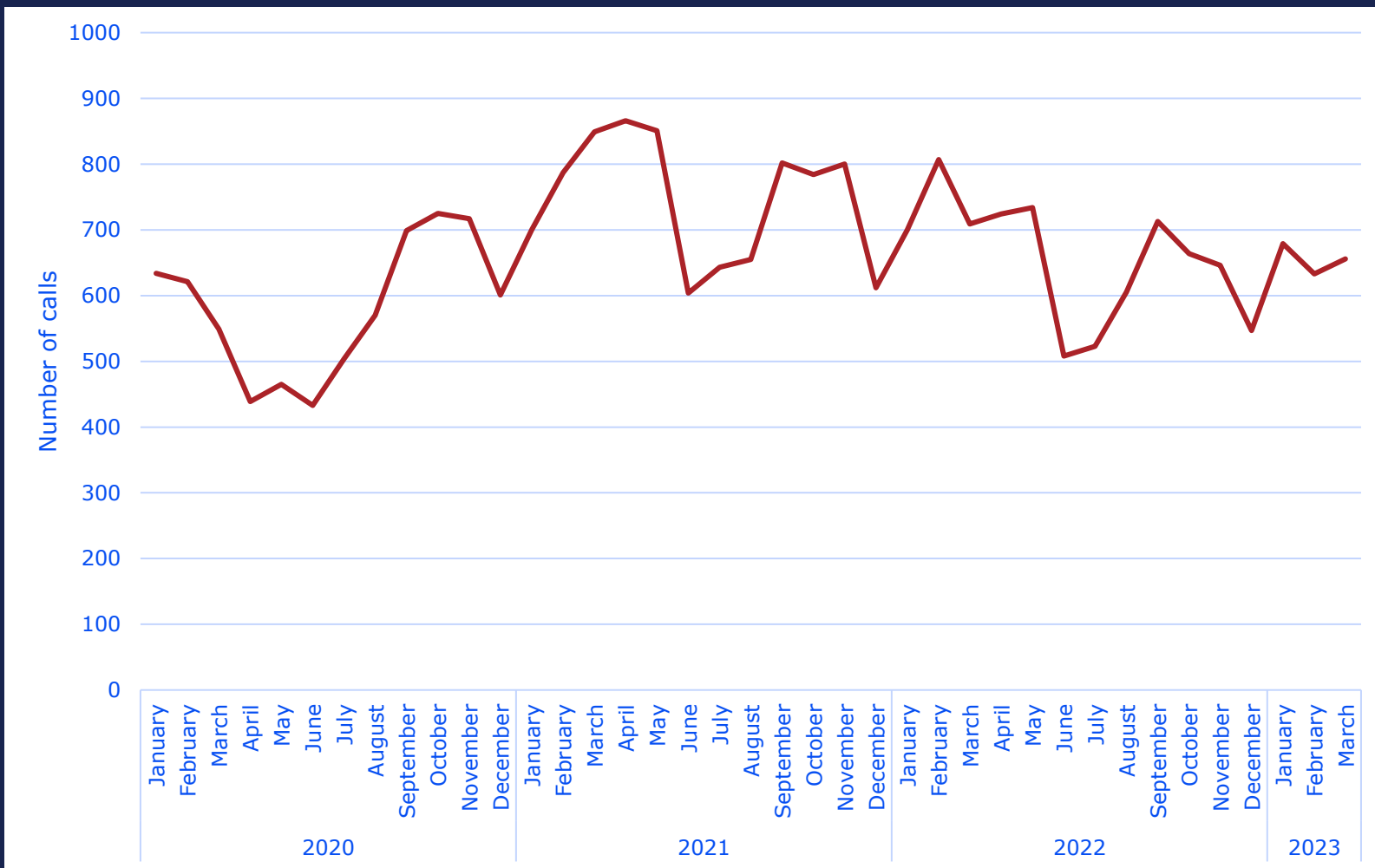


Source: Texas Poison Control Network, DSHS

Suspected Suicide Calls to TPCN Concerning 13 to 19 year olds Females by Month, 2020-2023



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Source: Texas Poison Control Network, DSHS

Provisional Mortality Data

Vital Events Data from DSHS

- IRB 22-027 provided for the release of provisional death records for individuals served by the public mental health system and all suicide deaths
- Utilizing NIOCCS from the National Institute for Occupation Safety & Health (NIOSH) at CDC, industry and occupation were identified for suicide death records
- Proportions of mortality by specific means comparing population served to the general population
- Includes all suicide deaths from 4th Quarter (Q) 2017 through 1st Q 2023



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Provisional Suicide Death Counts by Industry, 4th Q 2017 - 1st Q 2023



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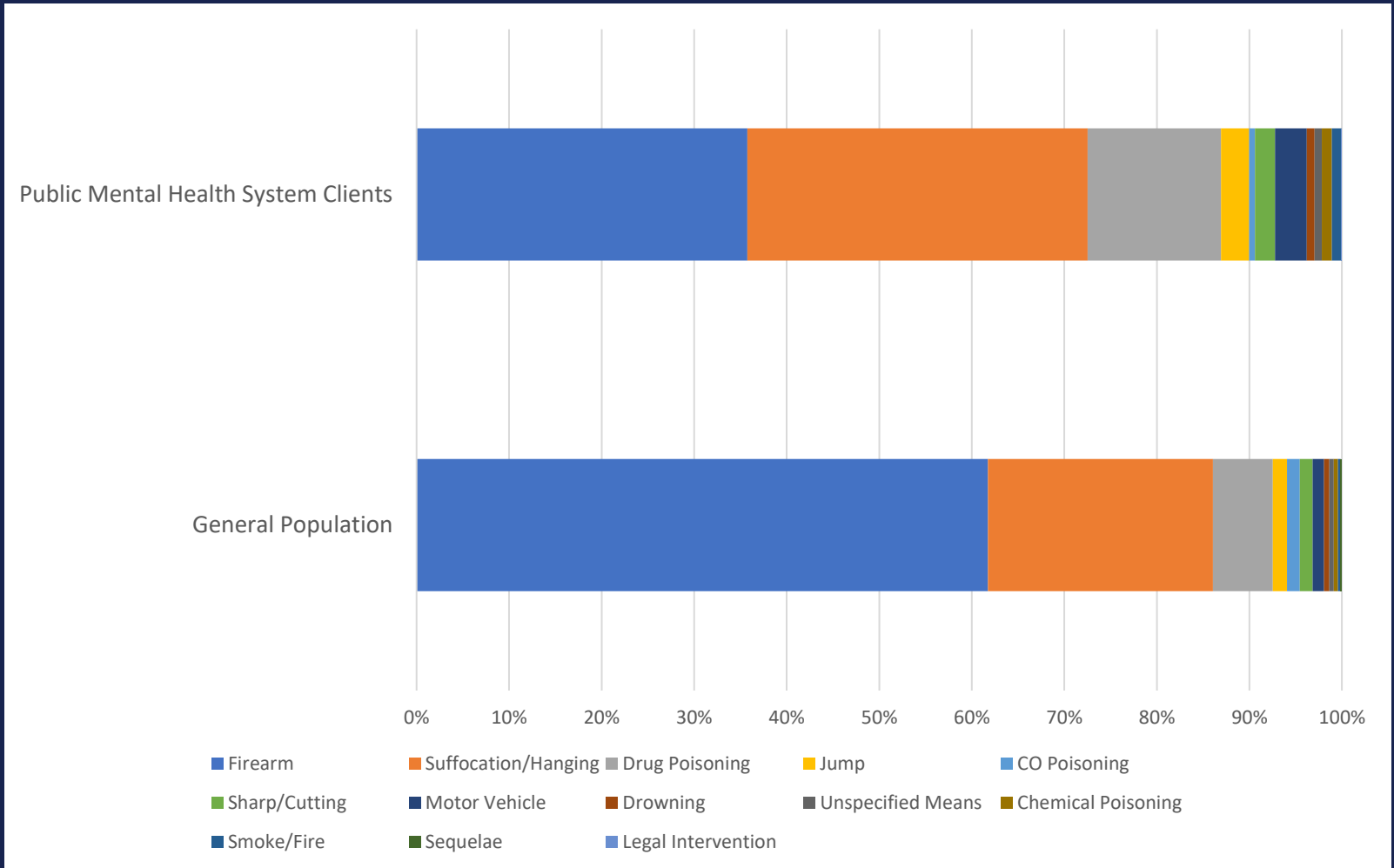
Industries with High Suicide Death Counts	Number of Suicide Deaths
U.S. Military (all combined)	683
Automotive Repair and Maintenance	585
Computer Systems Design and Related Services	545
Construction	3,591
Elementary and Secondary Schools	598
General Medical and Surgical Hospitals, and Specialty (except Psychiatric and Substance Abuse) Hospitals	706
Justice, Public Order, and Safety Activities	551
NIOSH-Non-Paid Workers	4,064
Not Specified Retail Trade	860
Oil and Gas Extraction	628
Restaurants and Other Food Services	1,130
Truck Transportation	837

Numbers from 2022 and 2023 have not been finalized and are subject to change.
Source: IRB #22-027, Vital Events Data, Center for Health Statistics, DSHS

Suicide Mortality by Means, 3rd Q 2017 - 1st Q 2023

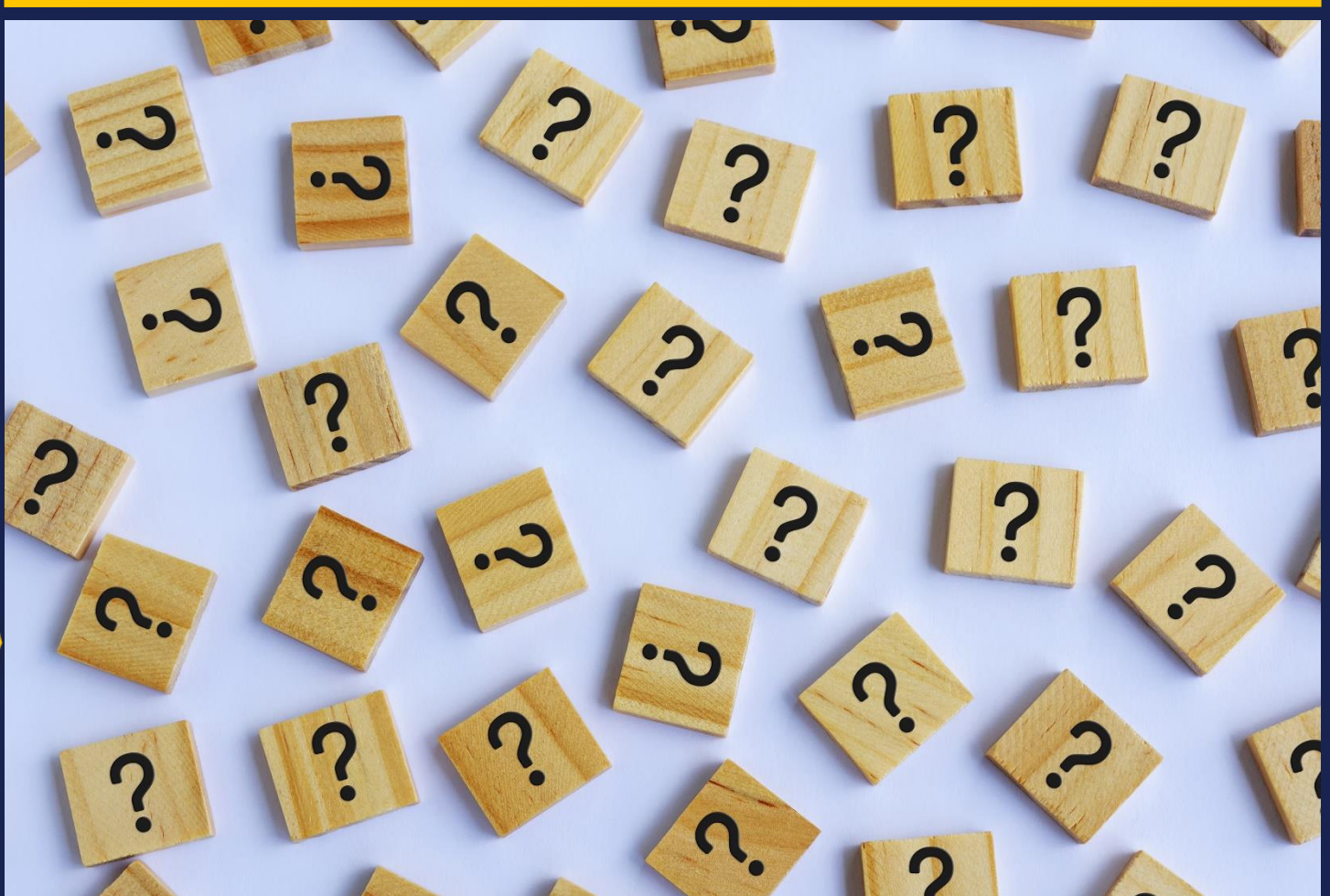


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Numbers from 2022 and 2023 have not been finalized and are subject to change.
Source: IRB #22-027, Vital Events Data, Center for Health Statistics, DSHS

Questions?



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Thank You

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The Texas Suicide Prevention Collaborative and the Texas Suicide Prevention Council

Supporting Communities and Statewide Partners to Improve Suicide Prevention Outcomes for Texas

Lisa Sullivan
Executive Director

The Texas Suicide Prevention Council

In 2001, 10 communities informally came together to draft the first Texas State Plan for Suicide Prevention.

Their mission:

- Create, support and empower Texas communities;
- Advance suicide prevention education through local and state policy;
- Implement community-based priorities;
- Enlist local communities and organizations; and
- Support state agency and legislative action for suicide prevention.



CREATING A PIPELINE OF BEST PRACTICE
SUICIDE PREVENTION ASSETS TO LOCAL
COMMUNITIES

FOUNDATION FOR A STATEWIDE APPROACH: 2001-2005

- First Suicide Prevention Forum forms Texas Steering Committee
- Developed first Texas State Plan for Suicide Prevention
- 10 Texas Communities Form the Texas Suicide Prevention Network to:
 - Create, support, and empower Texas Communities
 - Advance suicide prevention education
 - Implement community-based priorities
 - Support state action for suicide prevention

CREATING STATEWIDE AWARENESS: 2006-2010

- Developed the 2nd Texas State Plan for Suicide Prevention
- Created formal structure for the Council, composed of over 20 statewide partners, 20 local coalitions across the state, military and veteran organizations, and higher education partners.
- Developed the Texas Suicide Prevention Symposium to drive education, training, and awareness.
- Launched the statewide website: TexasSuicidePrevention.org

DEVELOPING SUICIDE PREVENTION COMPETENCY: 2011-2015

- Texas Suicide Prevention Symposium attendance reaches 1000+
- Supports implementation of Zero Suicide in Texas
- iAsk and Hope Box iPhone and Android apps launched
- ASK Training video series created
- Stories of Help and Hope videos
- @StopTXSuicides social media platform launches

COMMUNITY ENGAGED SUICIDE PREVENTION: 2016-PRESENT

- Texas Suicide Prevention Symposium live-streamed to five locations across Texas.
- #TxSP16 hashtag reaches 10 million social media impressions
- Suicide Safer Homes app developed
- Suicide Safer Schools Task Force creates model
- Council now engaging over 30 state partners, 19 military/veteran partners and 20 local coalitions
- ASK online training developed to reach educators and others in suicide prevention gatekeeper skills
- Implemented Counseling on Access to Lethal means training in Texas

Five Key Council Responsibilities

**Collaboration and
Capacity Building**

Outreach

**Coalition
Development**

**Training and
Symposia**

Developing and Implementing the *Texas State Plan for Suicide Prevention*

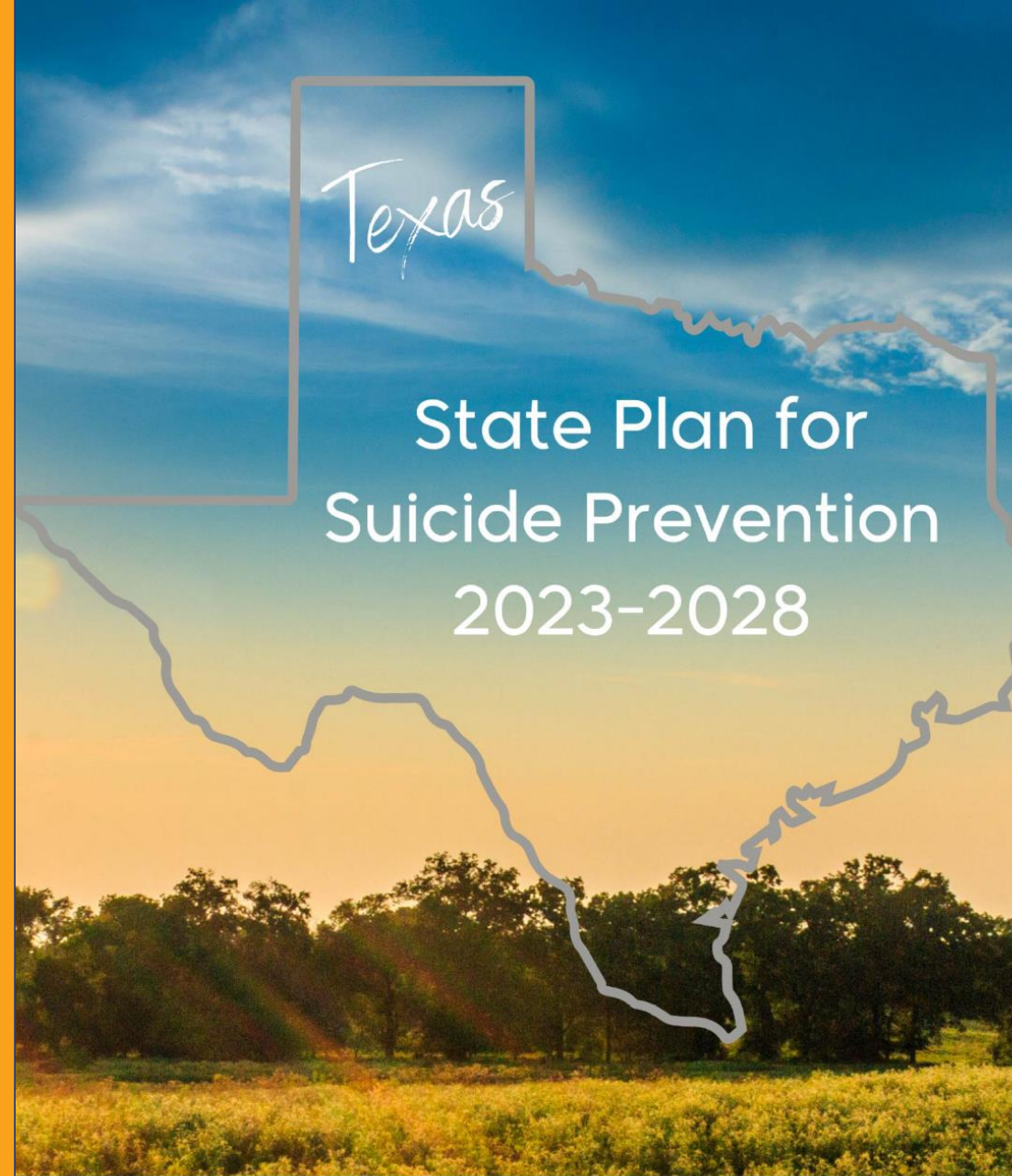
The Texas Suicide Prevention Collaborative

- Statewide Nonprofit
- Established in 2019 to steward of the Texas Suicide Prevention Council
- **Three broad areas of focus**
 1. Technical Assistance to communities and statewide partners
 2. Promoting evidence-based best practices
 3. Administering the Texas Suicide Prevention Council

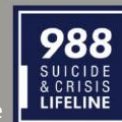


The Texas State Plan for Suicide Prevention

Focused action for collaboration so that everyone plays a role in helping Texans find a brighter tomorrow



State Plan for
Suicide Prevention
2023-2028



A working document of the
Texas Suicide Prevention Council

Key Performance Areas



Thank you

Lisa Sullivan

Executive Director

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texassuicideprevention.org

 @StopTXSuicides

 @StopTXSuicides

 Texas Suicide Prevention Collaborative