Data and Suicide Prevention: A Statewide Update

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Overview

• Statewide Suicide Prevention Data
  ▸ Mortality Data
  ▸ Texas Poison Control Network Data

• Provisional Mortality Data
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.
Texas Suicide Mortality by Sex, 2000-2021

Source: CDC WONDER
Texas Suicide Mortality by Urbanization, 2000-2021

Source: CDC WONDER
Texas Suicide Mortality by Race and Ethnicity, 2000-2021

Source: CDC WONDER
2021 Texas Suicide Mortality by Means

Source: CDC WISQARS
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.
Suspected Suicide Calls to TCPN Concerning six to 12 year olds

Source: Texas Poison Control Network, DSHS
Suspected Suicide Calls to TCPN Concerning 13 to 19 year olds

Source: Texas Poison Control Network, DSHS
Suspected Suicide Calls to TPCN Concerning 13 to 19 year olds Females by Month, 2020-2023

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

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

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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Source: IRB #22-027, Vital Events Data, Center for Health Statistics, DSHS
Questions?
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
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.
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

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CREATING STATEWIDE AWARENESS: 2006-2010

• Developed the 2\textsuperscript{nd} 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
Thank you

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