

# Texas Cancer Registry Data Release Policy

April 2024

The Texas Cancer Registry (TCR) analyzes and disseminates cancer incidence and mortality data to assist with: health care assessment, evaluation, and planning; identifying populations at increased risk of cancer; facilitating research related to cancer etiology, prevention, and control; monitoring trends in cancer incidence and mortality so that appropriate and timely interventions are undertaken; and investigating public cancer concerns.

## TCR Data Release Goals

1. Maximize Texas cancer incidence and mortality data availability and use;
2. Release meaningful and epidemiologically sound cancer incidence and mortality data, while still maintaining the privacy of individuals and small populations;
3. Provide data at a level sufficient to answer a customer's question, while still protecting the confidentiality of the cancer patient and/or cancer reporting entity; and
4. Comply with all federal and state laws, rules, and Texas Department of State Health Services (DSHS) policies.

## Confidentiality

Protecting patient confidentiality and protected health information is paramount to the TCR and required by [state law and rules \(Health and Safety Code, Section 82.009 and Texas Administrative Code, Title 25, Chapter 91, Subchapter A, respectively\)](#). Subsequently, the following procedures have been developed for releasing individual record level cancer incidence data and aggregate statistics.

Please note that the statement "may be released" is permissive and should not be interpreted to mean "is required to be released." If at any time upon review of a data request there is concern regarding the protection of patient confidentiality or other restricted health information, the TCR has the discretion to request prior review and approval by the DSHS [Institutional Review Board \(IRB\)](#) and/or the DSHS Office of General Counsel before releasing any data.

## Standard Methods Used by the TCR for Minimizing Risk of Patient or Reporting Entity Disclosure

1. Release aggregate rather than individual record level de-identified data.
2. Release de-identified rather than identified individual record level data.

3. Apply numerator/denominator rules for data aggregation/cell suppression.
4. Employ complementary suppression (suppression of small cell counts).
5. Reduce geographic specificity.
6. Offset precise locations, mask geographic areas with low case numbers, and display ranges instead of exact values to retain confidentiality when creating maps.
7. Aggregate years of data.
8. Remove extremely rare events (e.g., prostate cancer in a male less than 20 years old).
9. Provide only those variables necessary to answer the customer question.
10. Categorize and recode variables to aggregate data values (e.g., provide age groups rather than individual ages, provide year of birth rather than birthdate, provide age at diagnosis or diagnosis year rather than date of diagnosis).

### **Requested Citation / Acknowledgement of TCR Data Use**

The TCR requests that any person or organization reporting results or analyses that uses cancer data provided by the TCR include the following acknowledgement statement in the analysis, report, presentation, or publication:

Texas cancer data have been provided by the Texas Cancer Registry, Cancer Epidemiology and Surveillance Branch, Texas Department of State Health Services, 1100 West 49th Street, Austin, TX 78756 ([www.dshs.texas.gov/tcr](http://www.dshs.texas.gov/tcr)). Data from the Texas Cancer Registry is supported by the following: Cooperative Agreement #1NU58DP007140 from the Centers for Disease Control and Prevention, Contract #75N91021D00011 from the National Cancer Institute's Surveillance, Epidemiology, and End Results (SEER) Program, and the Cancer Prevention and Research Institute of Texas.

### **Release of Texas Cancer Incidence Data**

1. No person will attempt to use these data to learn the identity of any person or cancer reporting entity without prior DSHS IRB approval.
2. If the identity of any person or cancer reporting entity should be discovered inadvertently:
  - No use will be made of this knowledge;
  - TCR will be advised immediately of the incident by calling 512-776-3080 or emailing [CancerData@dshs.texas.gov](mailto:CancerData@dshs.texas.gov);

- The information that would identify an individual or cancer reporting entity will be safeguarded or destroyed, as requested by the TCR; and
  - No one else will be informed of the discovery.
3. Data requests will be completed using the most current and complete Texas resident cancer incidence data available. Statewide data are at least 90% complete before being used, in accordance with national cancer surveillance standards.
  4. Data files containing individual cancer records with personal identifiers will not contain cancer records reported to the TCR by other state cancer registries, the Veterans Health Administration (VHA), or the Department of Defense (DoD) due to their confidentiality requirements. De-identified files and aggregate statistical analyses will contain these records. Out of state, VHA, and DoD reported Texas resident cases account for less than 4% of the total cancer incidence file.
  5. Texas cancer rates and associated counts are suppressed when there are fewer than 16 cases on public query tools, such as the Web Query Tool ([cancer-rates.info/tx/](https://cancer-rates.info/tx/)) and others provided by the National Program of Central Cancer Registries (NPCR) at the CDC, the North American Association of Central Cancer Registries (NAACCR), and the SEER Program at the National Cancer Institute (NCI). Customers may contact the TCR at [CancerData@dshs.texas.gov](mailto:CancerData@dshs.texas.gov) to request data that are not provided on these public tools.
  6. Counts alone at the state, public health region, council of regional government, or county level will not be suppressed when a request is made directly to [CancerData@dshs.texas.gov](mailto:CancerData@dshs.texas.gov) and evaluated by the TCR. This is due to the large number of Texas counties that have small populations and the responsibility to provide cancer data for all 254 counties in Texas.
  7. Rates at the state, public health region, council of regional government, or county level will be provided without suppression as long as confidence intervals or standard errors are provided to allow for evaluation of statistical reliability. An incidence or mortality rate based on fewer than 16 cases or deaths will likely result in an unreliable/unstable rate. A rate is not considered statistically reliable if the standard error of the rate is at least 25% as large as the rate itself or the 95% confidence interval around the rate is at least as large as the rate itself.
  8. Zip code level data and geocoded data, such as census tract, latitude, and longitude, are available, but require sufficient justification and DSHS IRB approval.

9. Social security numbers will not be released by DSHS and can only be used for linking purposes.
10. Aggregate or individual record-level data containing no other personal identifiers other than the name(s) of a specific health care facility, clinical laboratory, or health care practitioner may only be released if:
  - Data release is to the health care facility, clinical laboratory, or health care practitioner that reported the data;
  - Prior written authorization is obtained from the health care facility, clinical laboratory, or health care practitioner that reported the data; or
  - DSHS IRB approval is obtained.
11. The TCR may provide patient-specific information back to the reporting entity (i.e., health care facility, clinical laboratory, or health care practitioner) that supplied the specific data without DSHS IRB approval, so long as a written/signed request is first received from the reporting entity.
12. Patient-specific information may be shared with another state cancer registry by the TCR after receiving a written request and confirming there is a current out-of-state data exchange agreement between the requesting state cancer registry and the TCR.
13. An individual's cancer record or information contained on that cancer record may only be released to a member of the general public as specified in a signed Authorization for Release of Medical Records Form. Patient-specific TCR data are not considered "Open Records".
  - The Authorization for Release of Medical Records Form must be signed by the cancer patient, parent, or legal guardian of the patient if he/she is a minor, a legal guardian if the patient is incapacitated, an attorney ad litem for the patient, or—if the patient is deceased—an executor, independent executor, administrator, independent administrator, or temporary administrator of the decedent's estate.
  - Once the signed Authorization for Release of Medical Records Form is received, the TCR will contact the DSHS Open Records Coordinator in the Office of General Counsel to verify that the form contains all required information and is signed by an authorized individual before sending out any confidential information.

### **Release of Texas Cancer Mortality Data**

1. The TCR populates cancer incidence cases with the patient's state, date of death, underlying cause of death, and death certificate number via an annual linkage with Texas mortality data provided by the DSHS [Center for](#)

[Health Statistics \(CHS\)](#) and the National Center for Health Statistics (NCHS) National Death Index (NDI).

2. The TCR provides aggregate cancer mortality statistics for Texas resident deaths occurring from 1990 to the most recently available mortality year. For DSHS IRB and/or [Committee on Requests for Personal Data \(CORPD\)](#) approved studies involving TCR cancer cases, TCR will provide linked mortality information such as dates and causes of death.
3. The TCR does not release cancer mortality statistical data below the county level. Otherwise, the TCR utilizes the same data release procedures for both cancer incidence and mortality statistical data.
4. The TCR refers all requests for aggregate cancer mortality data prior to 1990, individual record-level cancer mortality data files (no cancer incidence data included), and cancer mortality data below the county level to the DSHS CHS. See DSHS CHS [detailed contact information](#) to request these data.
5. Data with personal identifiers and information provided by the NCHS NDI may be released with DSHS IRB approval. A list of these studies and approvals is provided to the NDI annually.