EMS AND TRAUMA REGISTRIES

SHARP REPORTS GUIDE

TEXAS Health and Human Services
Texas Department of State Health Services

Emergency Medical Services and Trauma Registries (EMSTR)

State Health Analytics and Reports Platform (SHARP)

Reports Guide

January 2025

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Introduction

Texas Department of State Health Services (DSHS) Emergency Medical Services and Trauma Registries (EMSTR) is a statewide surveillance system collecting reportable event data from EMS providers, hospitals, justices of the peace, medical examiners, long term acute care facilities (LTACs), and rehabilitation facilities. EMSTR includes four registries:

- The EMS registry;
- The Acute Traumatic Injury registry;
- The Traumatic Brain Injury (TBI) registry and Spinal Cord Injury (SCI) registry; and
- The Submersion registry.

EMSTR monitors and analyzes Texas EMS and trauma care system data by integrating National EMS Information System (NEMSIS) Version 3.5 format, National Trauma Data Bank (NTDB) standards, International Trauma Data Exchange (ITDX) 2020 and 2023 hospital data standards, and Texas-specific questions.

EMSTR uses data from 22 Texas trauma services areas / regional advisory councils (RACs) to benchmark and compare Texas with other states and conduct epidemiological investigations to identify public health issues. By identifying public health issues, stakeholders can use data to support injury prevention initiatives, enhancing the efficiency and quality of care for patients in Texas.

This State Health Analytics Reporting Platform (SHARP) Reports Guide provides an overview of each SHARP report and instructions to run the reports for EMSTR users who submit data and have report access.

EMSTR is governed by Texas Administrative Code (TAC), Title 25, Part 1, **Chapter 103**.

SHARP Reports

The SHARP system is a Texas Department of State Health Services (DSHS) data analytics platform comprised of a data warehouse, data governance tools, and various data analytics and visualization tools working together to collectively support data analytics, governance, and reporting.

The EMSTR system enhancement provides new user reports. In addition to the No Reportable Data (NRD), Data Submission, and Submission Status-IML Files reports, users have access to up to 11 reports in the system.

Additional report access is determined by user level and entity. Contact **injury.web@dshs.texas.gov** with questions about user access type.

NOTE: SHARP reports (including any attachments) contain confidential information intended for a specific entity and purpose. If you are not the intended recipient of a report, please delete the report and any disclosure, copy, or distribution. You are strictly prohibited from taking action on any information.

User Report Access

The tables below show the roles and reports users may access.

Users who have access to run all Hospital Reports:	Users who have access to run all EMS Reports:
✓ Hospital Report Users ✓ Hospital Add/Edit (Level 2) ✓ Hospital Admin (Level 3) ✓ Regional Advisory Council (RAC) View Only (Level 1) ✓ RAC Write Only (Level 2)	✓ EMS Report Users ✓ EMS Add/Edit (Level 2) ✓ EMS Admin (Level 3) ✓ RAC View Only (Level 1) ✓ RAC Write Only (Level 2)

NOTE: Justice of the peace (JP) or medical examiner (ME) Users have access to:

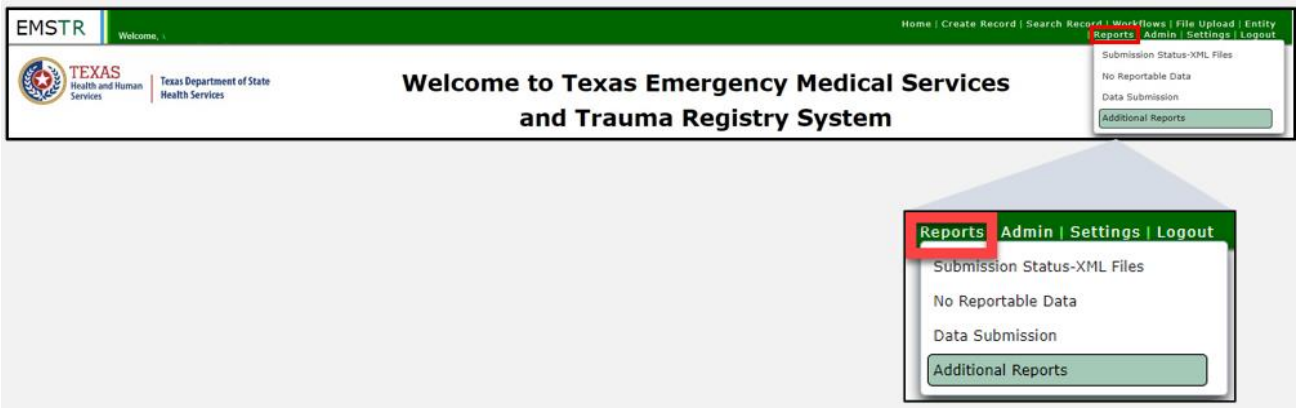
√ Entity Reference Code Report (available to all user levels).
√ Records Submitted by Entity Type Report (available to all users).

NOTE: Only JP/ME account administrators (Level III) can view all historical facility data.

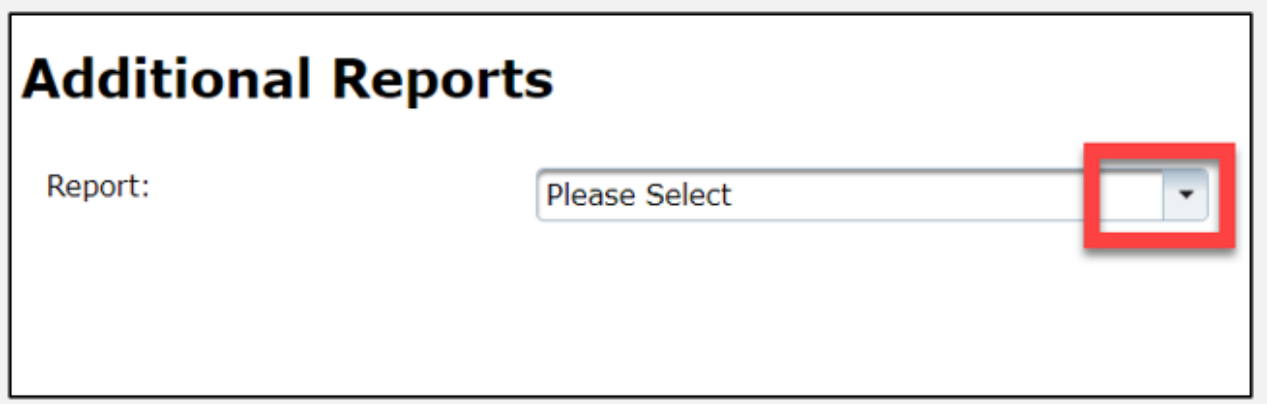
User Role

Report Name	Hospital Report User	Hospital Add/Edit (level 2)	Hospital Admin (level 3)	EMS Report User	EMS Add/Edit (level 2)	EMS Admin (level 3)	RAC View Only (level 1)	RAC Write Only (level 2)	JP/ME View Only (level 1)	JP/ME Add/Edit (level 2)	JP/ME Add/Edit (level 3)
Hospital Data Validity	√	√	√				√	√			
Hospital Records Submission	√	√	√				√	√			
Hospital Admission	√	√	√				√	√			
Trauma Care	√	√	√				√	√			
Trauma Aggregate Data	√	√	√				√	√			
Entity Reference Codes	√	√	√	√	√	√	√	√	√	√	√
Entity No Reportable Data	√	√	√	√	√	√	√	√			
EMS Records submitted by PSAP						√	√	√			
EMS Records Submission						√	√	√			
EMS Data Validity						√	√	√			
EMS Patient Care						√	√	√			
Records Submitted by Entity Type	√	√	√	√	√	√	√	√	√	√	√
EMS Custom					√	√	√	√			

To access the additional EMSTR SHARP reports, navigate to the EMSTR toolbar. Select **“Additional Reports”** from the drop-down menu.



Select the **“drop-down”** button to access additional reports.



Hospital Reports

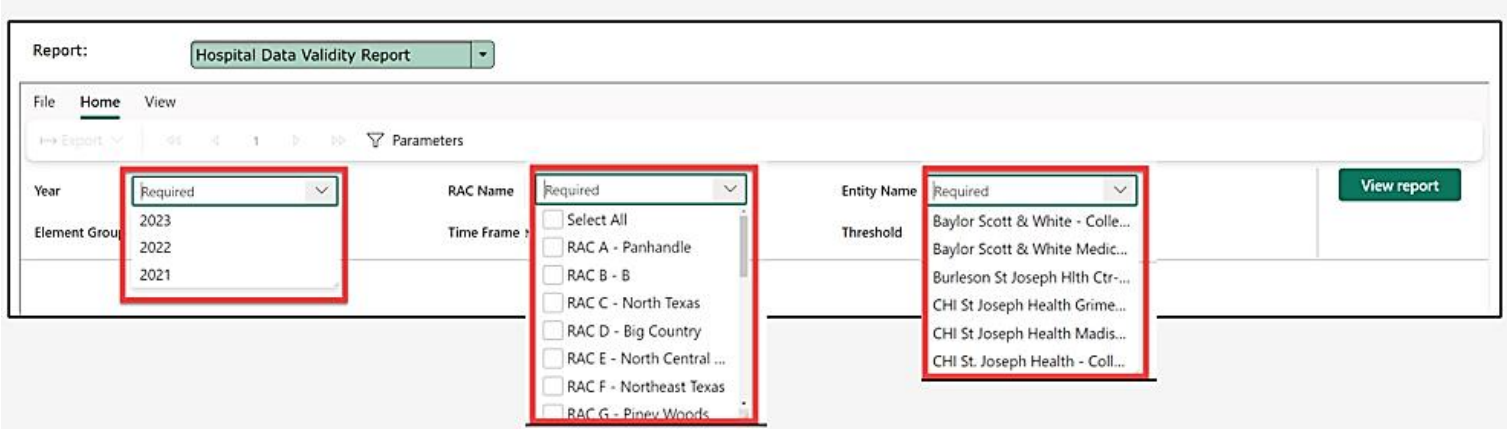
Hospitals have the following reports available:

- Hospital Data Validity Report
- Hospital Records Submission Report
- Hospital Admission Report
- Trauma Care Report
- Trauma Aggregate Data Report

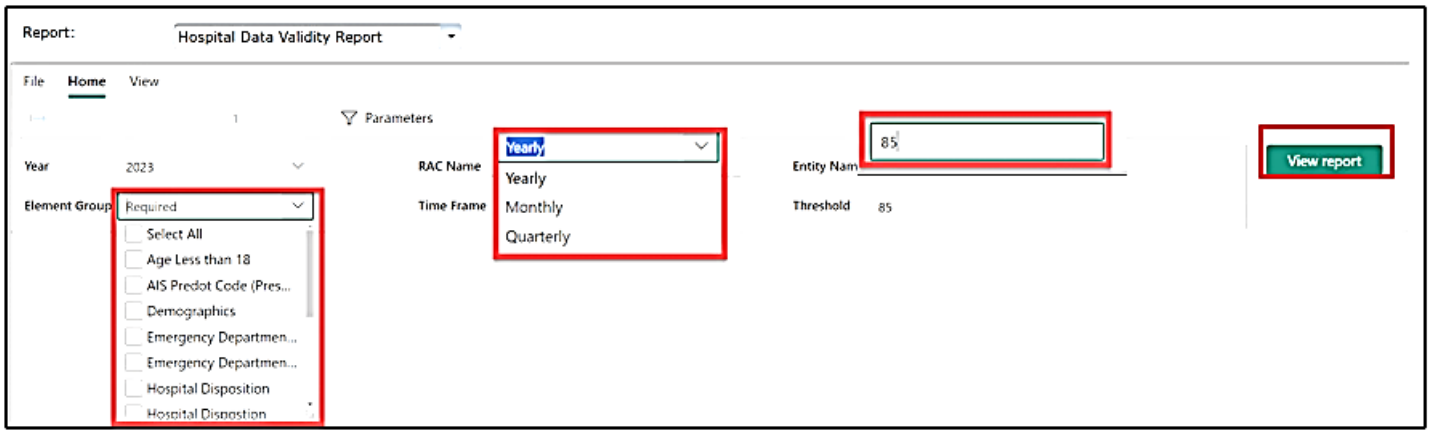
Hospital Data Validity Report

The **Hospital Data Validity Report** compiles aggregate data monthly, quarterly, and yearly by individual element and the associated element group. Record details include record counts, and percentage of valid, valid null, and invalid records.

After selecting the **Hospital Data Validity Report**, select the **"Year"**, **"RAC Name"**, then **"Entity Name"** from the drop-down fields.

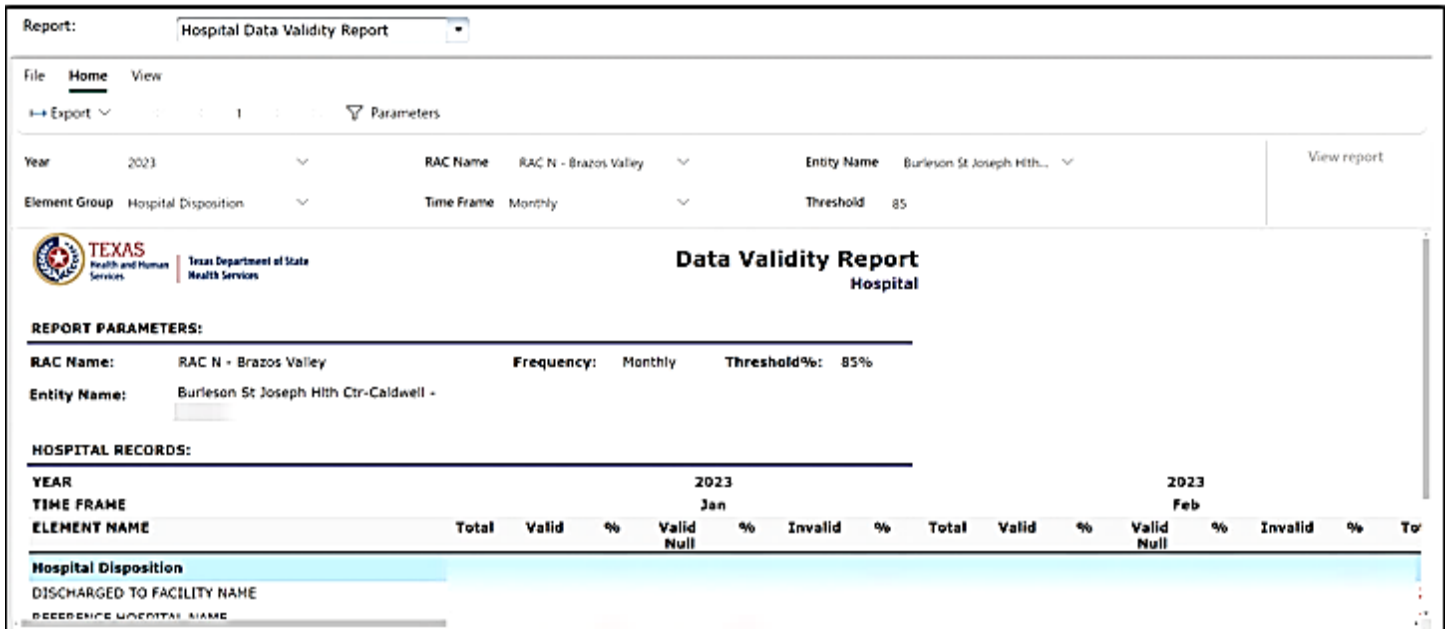


Select from the **“Element Group”** (there are multiple choices), the **“Time Frame”** (yearly, monthly, or quarterly options), and the **“Threshold”** drop-down fields.

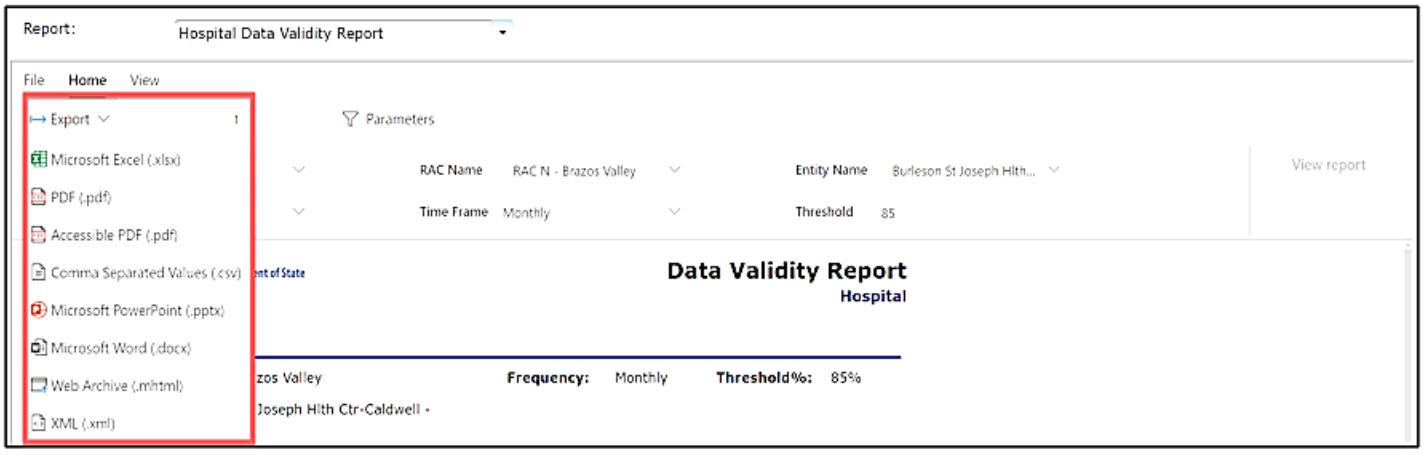


NOTE: Threshold is the percentage of invalid entries for a given element field.

After selecting the **View report** button on the right side of the screen, the report will display with the selected parameters.

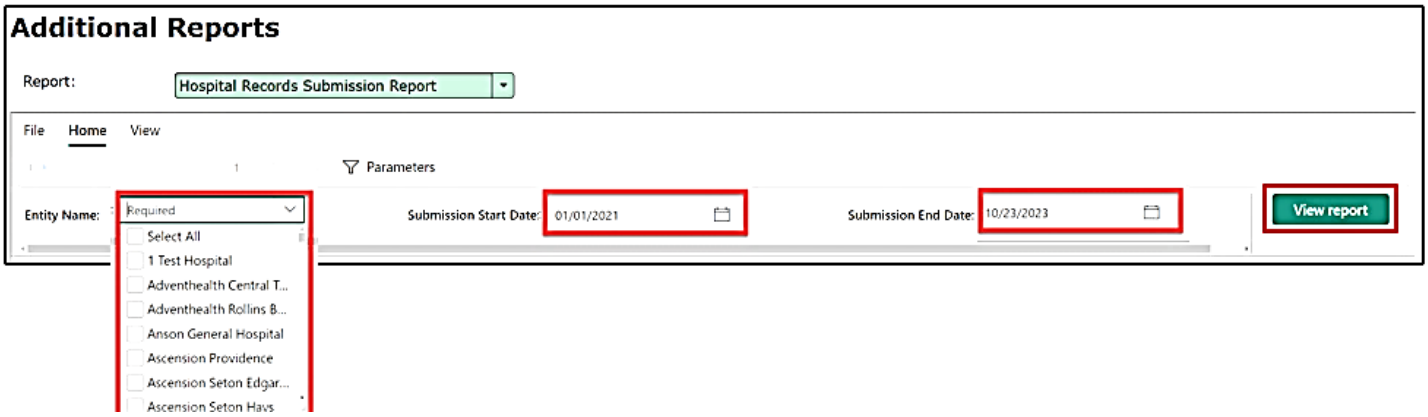


To download the report, select the **“Export”** drop-down button and choose the appropriate file format.

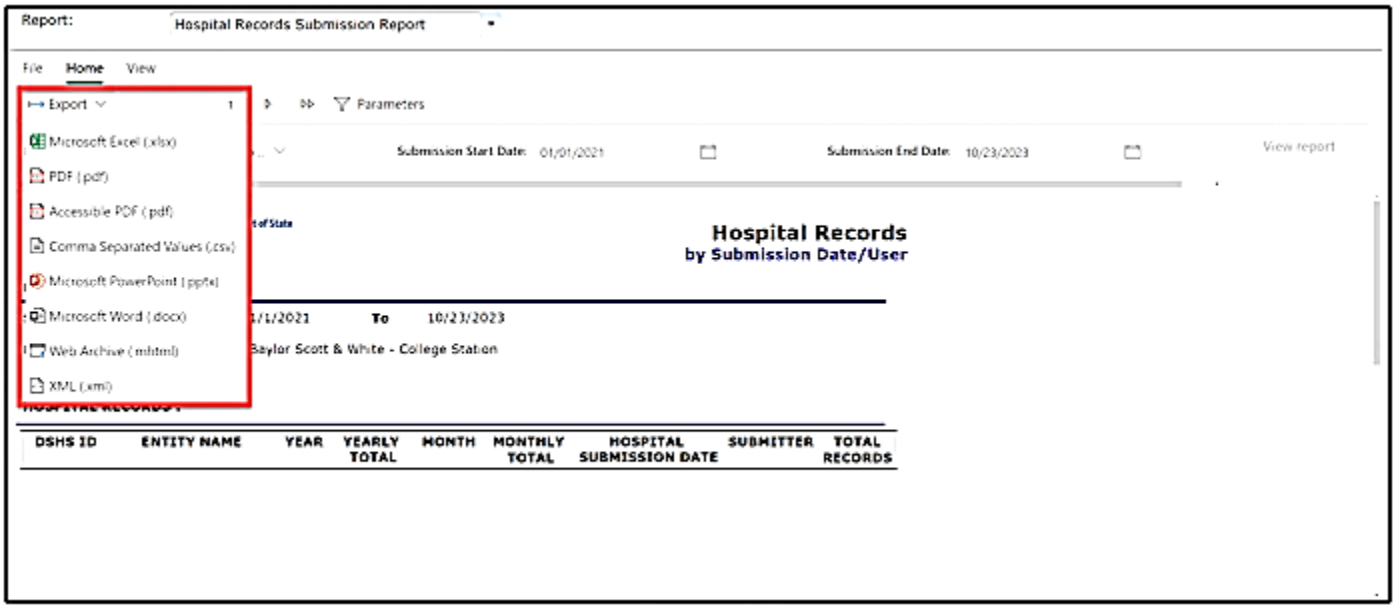


Hospital Records Submission Report

The **Hospital Records Submission Report** provides the total submitted hospital record counts by individual entity and date of submission. Select the **“Entity Name”**, **“Submission Start Date”**, and **“Submission End Date”** from the drop-down fields.

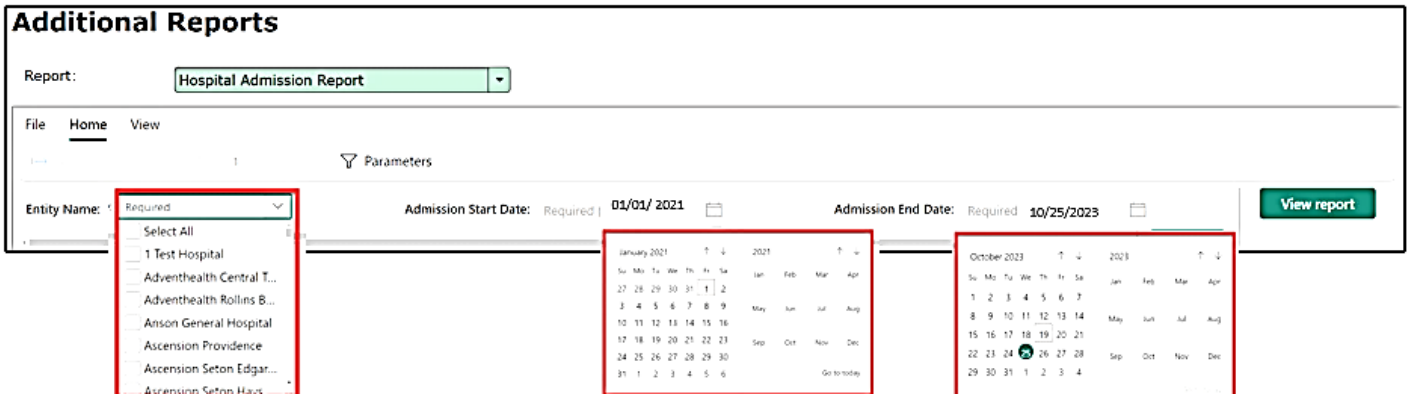


After selecting the **View report** button, the report will display with the selected parameters. Select the **“Export”** drop-down button and choose the appropriate file format to download the report.

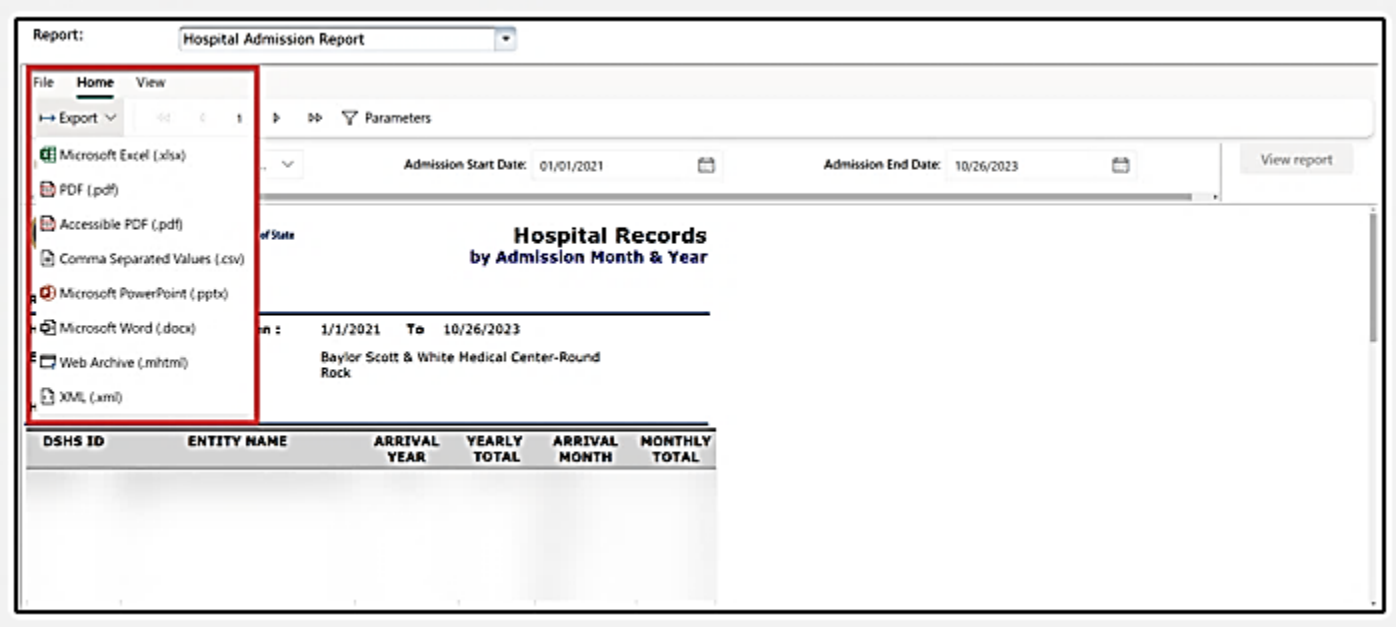


Hospital Admission Report

The **Hospital Admission Report** provides the total record count with line details for DSHS identification number (ID), entity name, year, and month of hospital admission date. Select the **“Entity Name”**, **“Admission Start Date”**, and **“Admission End Date”** from the drop-down fields.

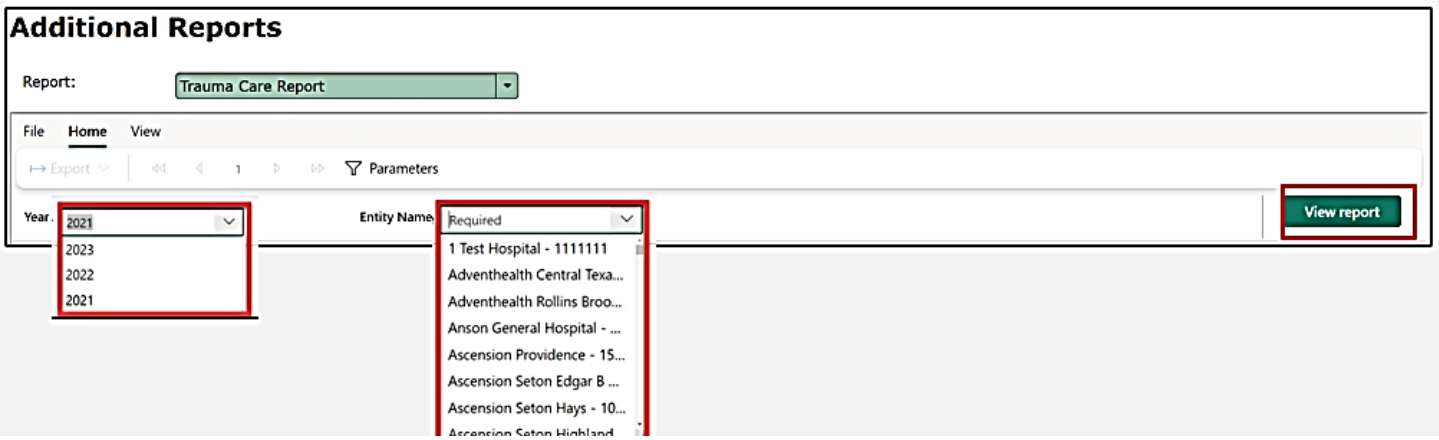


Select the **“View report”** button. The report will display with the selected parameters. To download the report, select the **“Export”** drop-down button and choose the appropriate file format.

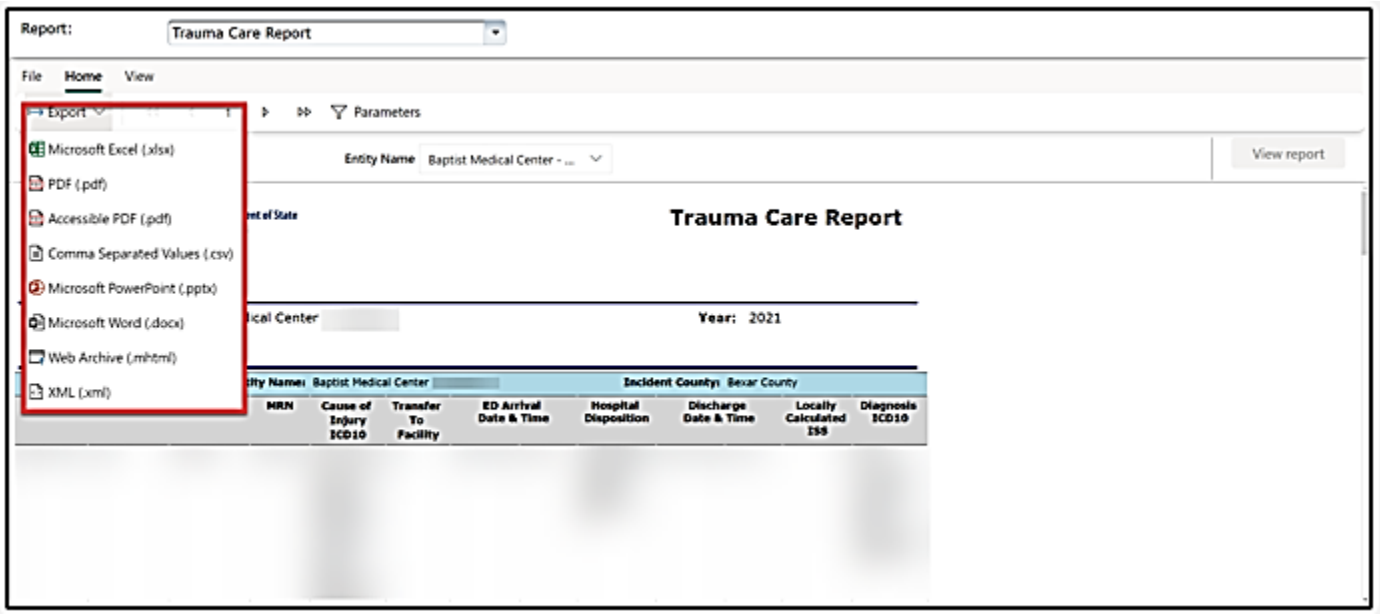


Trauma Care Report

The **Trauma Care Report** provides a line listing of all trauma cases submitted for a designated entity or facility. Select the **“Year”** and the **“Entity Name”** from the drop-down menus. Then select the **“View Report”** button.



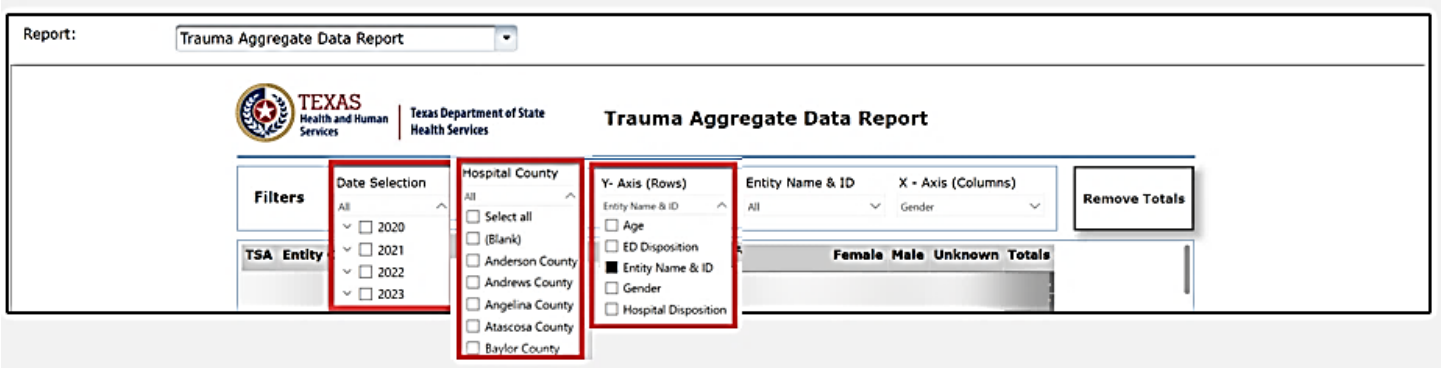
After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **"Export"** drop-down button and choose the appropriate file format.



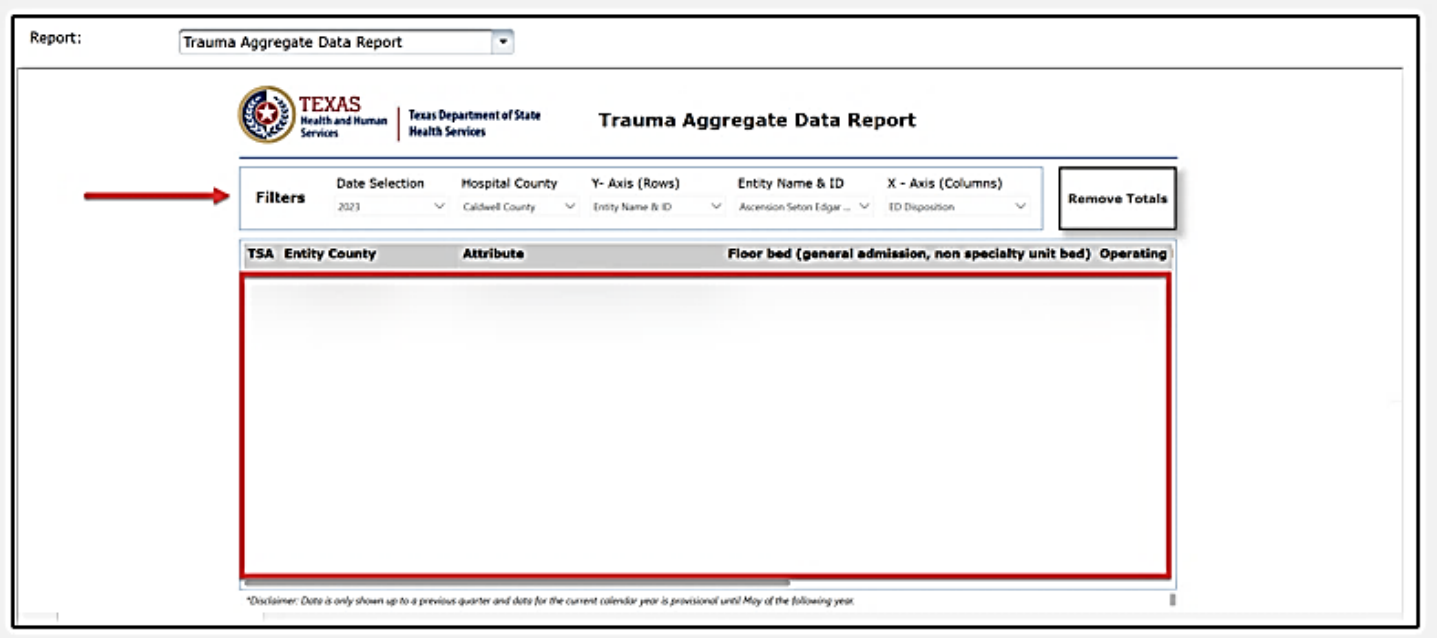
Trauma Aggregate Data Report

The **Trauma Aggregate Data Report** provides insight into aggregate case counts (by entity ID) for their facility or entire region with the option to include different variables as needed.

Select the **"Data Selection"**, **"Hospital County"**, **"Y-Axis (Rows)"**, **"Entity Name & ID"**, and **"X-Axis (Columns)"** from the drop-down fields.



The information in the report will update based on the filters selected.



EMS Reports

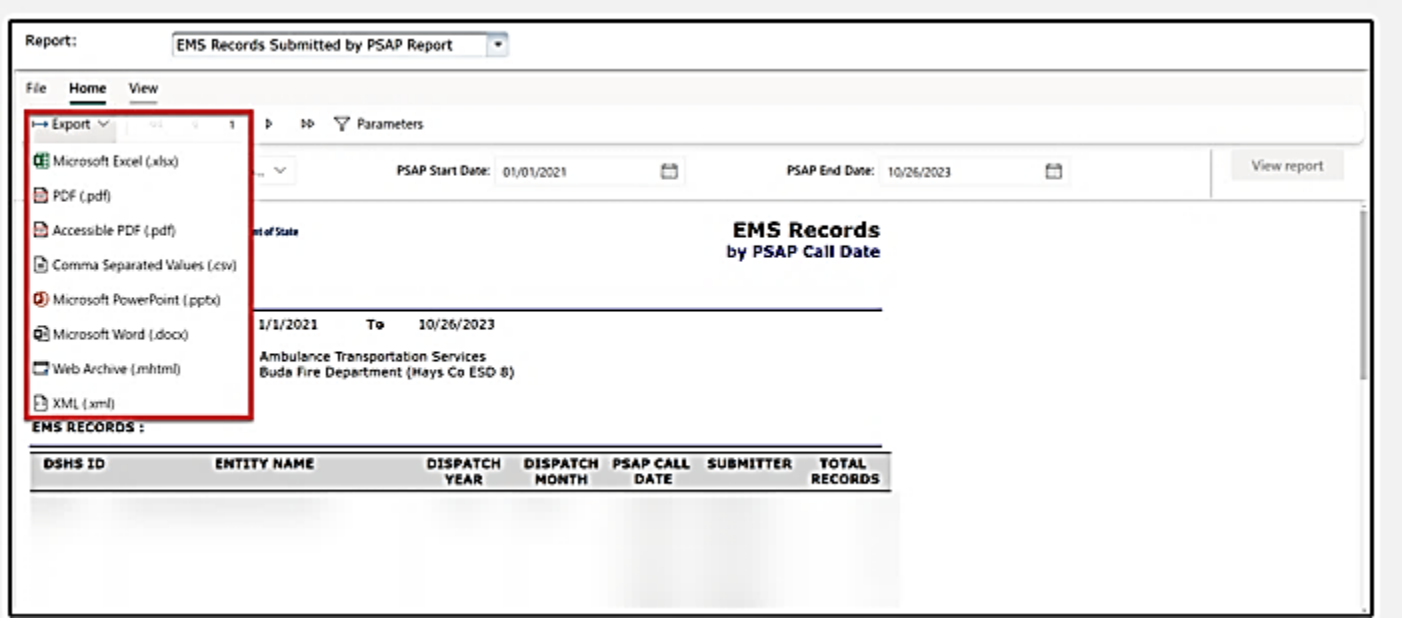
Emergency Medical Services (EMS) providers have the following reports available:

- EMS Records Submitted by Public Safety Answering Points (PSAP) Call Date.
- EMS Records Submission Report.
- EMS Data Validity Report.
- EMS Patient Care Report.

EMS Records Submitted by PSAP Report

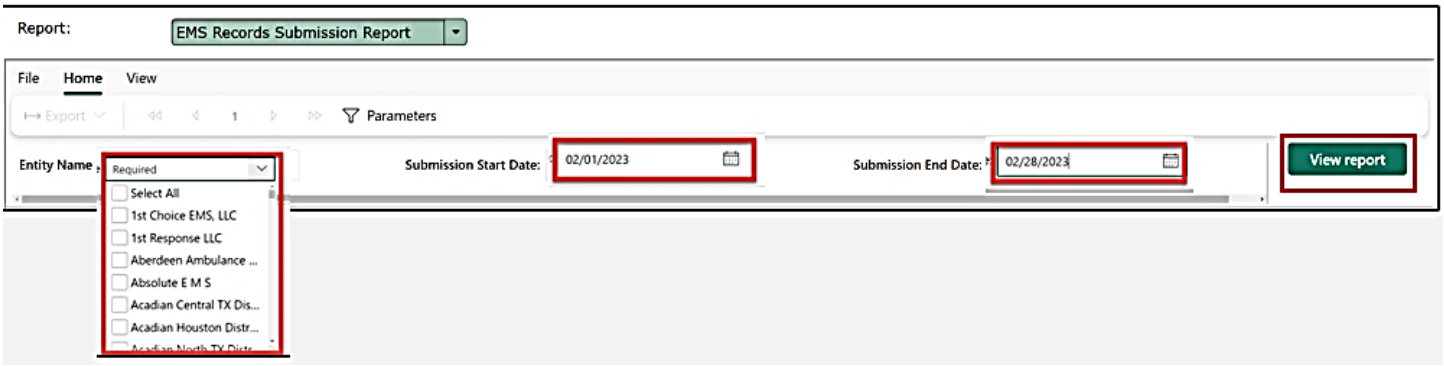
The **EMS Records Submitted by PSAP Report** provides the total EMS record counts submitted on the PSAP call date relative to the dispatch date. Select the **"Entity Name"**, **"PSAP Start Date"**, and **"PSAP End Date"** from the drop-down fields. Then select the **"View report"** button.

After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **"Export"** drop-down button and choose the appropriate file format.

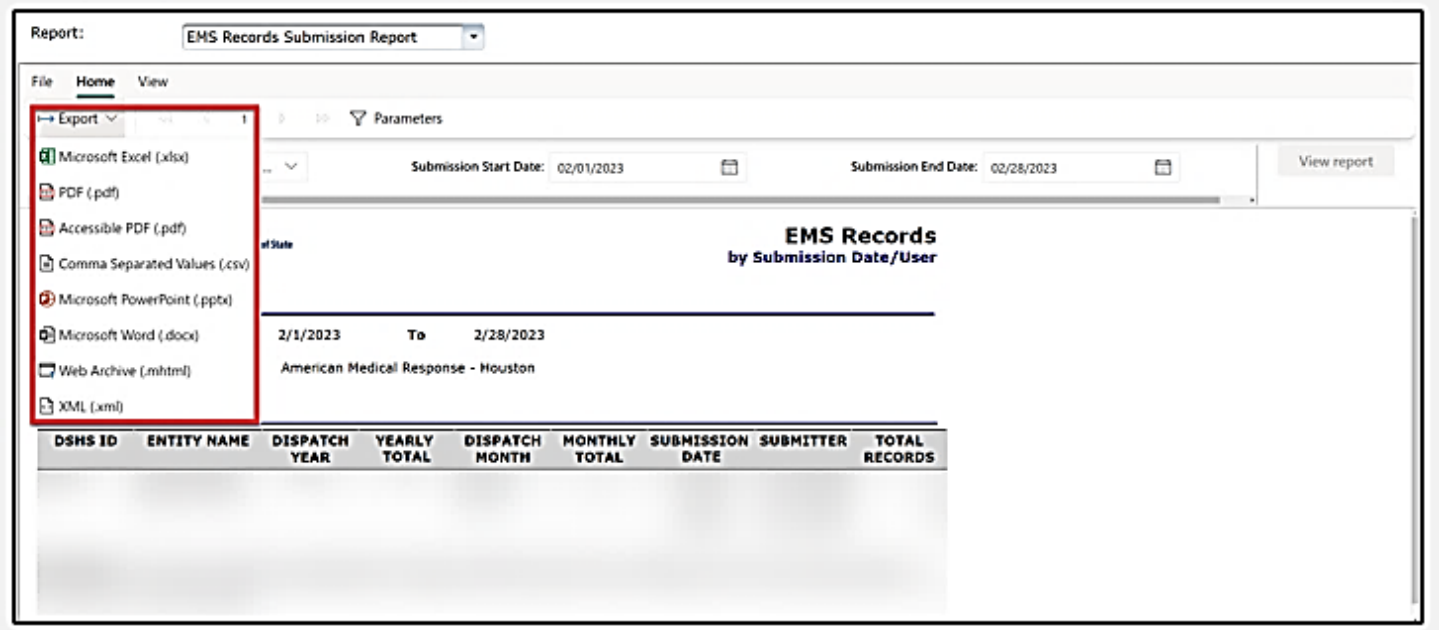


EMS Records Submission Report

The **EMS Records Submission Report** provides total submitted EMS record counts by individual entity and submission date. Select the **"Entity Name"**, **"Submission Start Date"**, and **"Submission End Date"** from the drop-down fields. Then select the **"View report"** button.

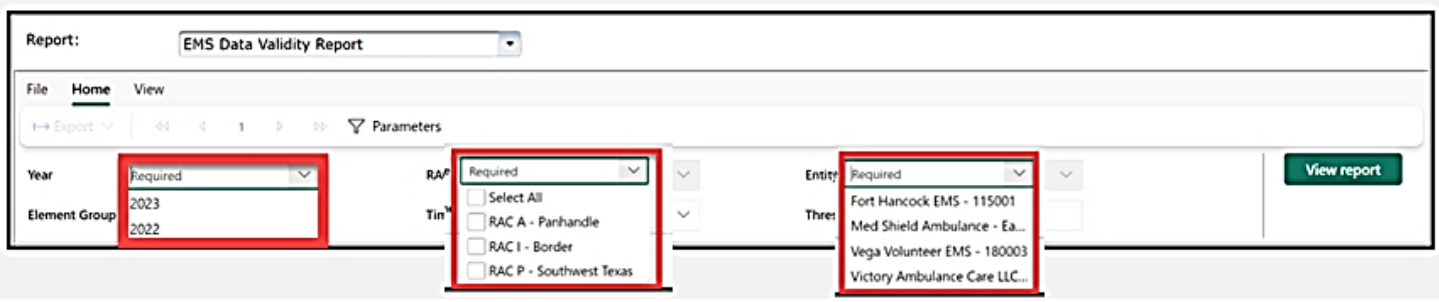


After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **"Export"** drop-down button and choose the appropriate file format.

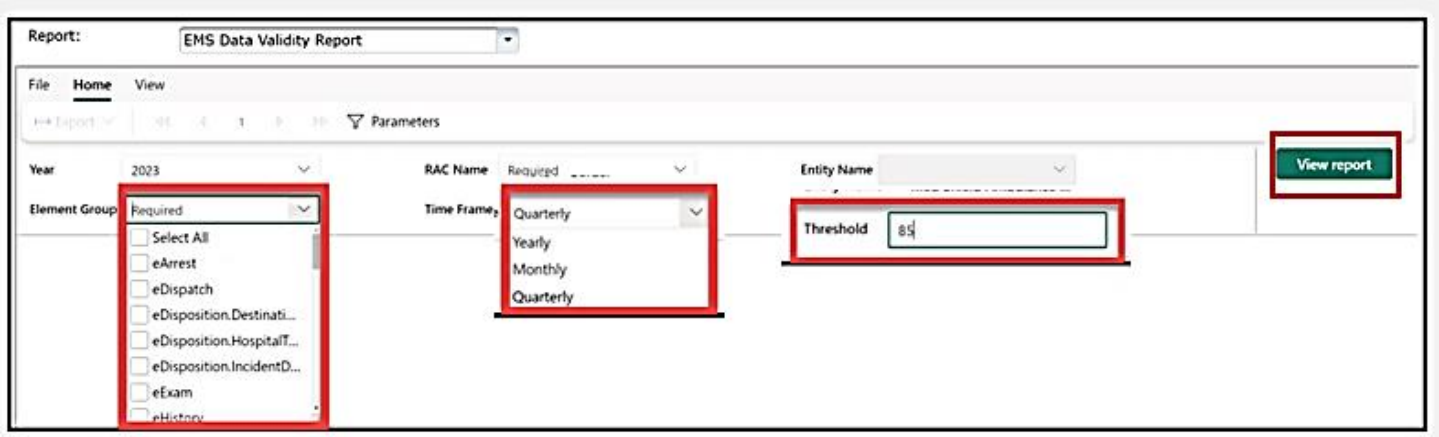


EMS Data Validity Report

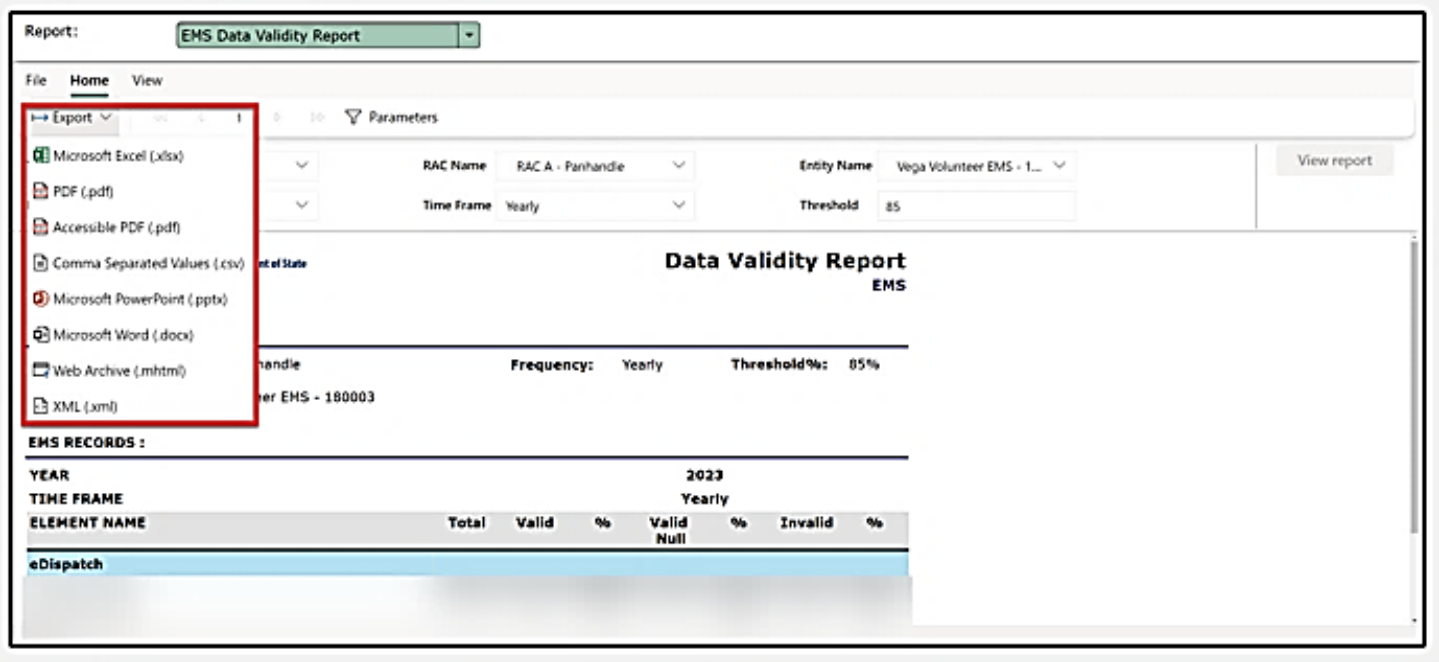
The **EMS Data Validity Report** compiles aggregate data quality monthly, quarterly, and yearly by individual element and Element Group. Record details include record counts; and valid, valid null, invalid records, and threshold percentage. Select the **"Year"**, **"RAC Name"**, and **"Entity Name"** from the drop-down fields.



Select the **“Element Group(s)”**, **“Time Frame”**, and **“Threshold”** from the drop-down fields. Then select the **“View report”** button. **NOTE: Threshold** is the percentage of invalid entries for a given element field.

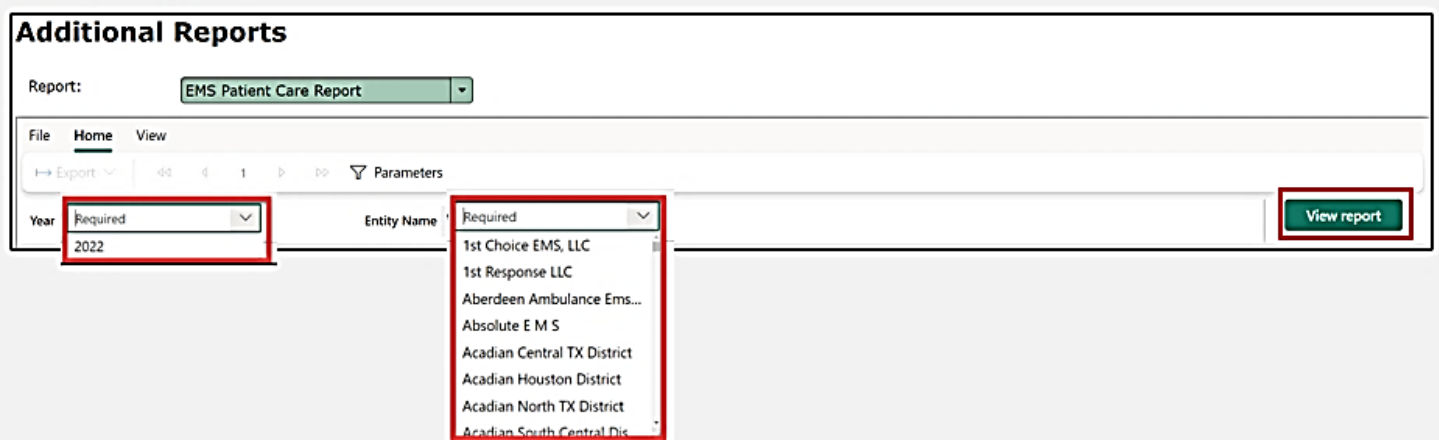


After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **“Export”** drop-down button and choose the appropriate file format.

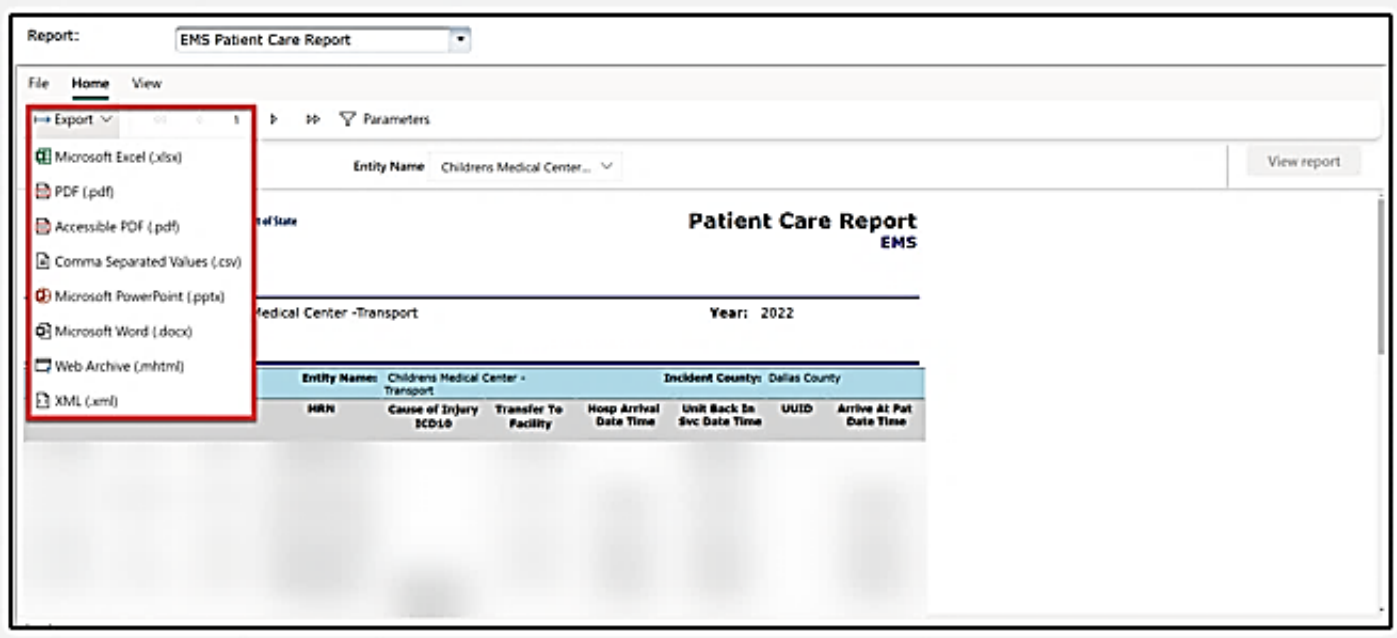


EMS Patient Care Report

The **EMS Patient Care Report** provides a line listing of all EMS patient cases submitted for a designated entity or facility. Select the **"Year"** and **"Entity Name"** from the drop-down fields. Then select the **"View report"** button.



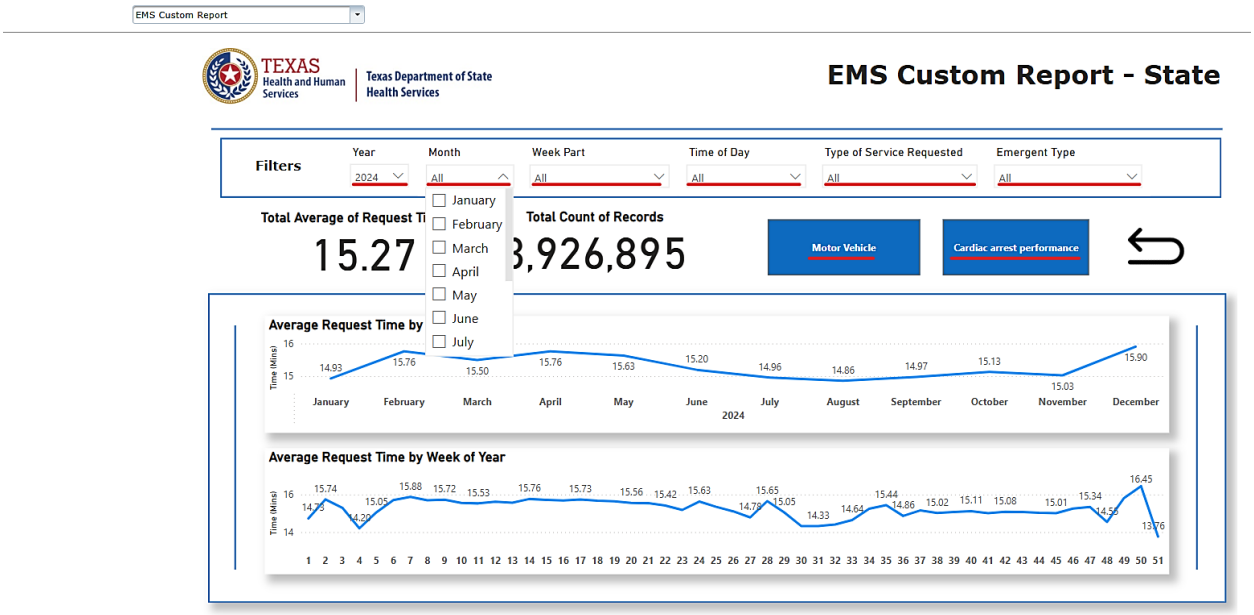
After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **"Export"** drop-down button and choose the appropriate file format.



EMS Custom Report

The **EMS Custom Report** provides a dashboard with an agency's aggregate **EMS Request Times**. Users can review an agency's EMS request time data using filters for disposition, time, and other situational determinants. This data is also available for motor vehicle responses and cardiac arrests.

NOTE: Request Time is defined by the time elapsed between the **Public Safety Answer Point** (PSAP) timestamp (eTimes.01) and the **Unit Arrival on Scene** timestamp (eTimes.06).



In the bottom left corner of the screen, users can toggle between statewide and agency-level versions of the report to compare data.

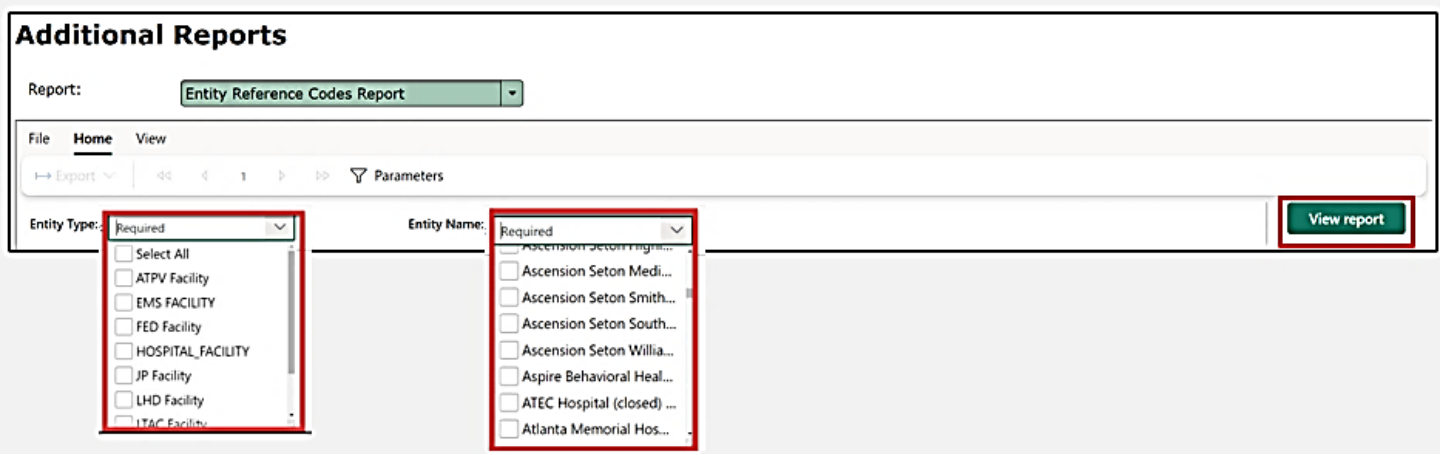
Reports for All Users

All users have access to the following reports:

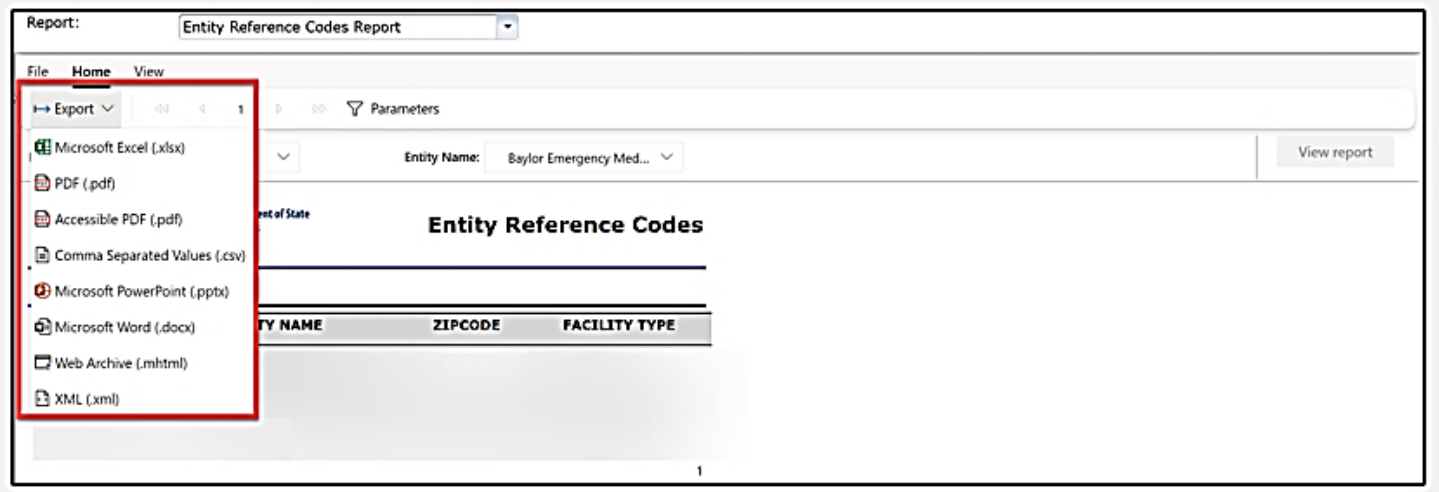
- Entity Reference Codes.
- Entity No Reportable Data (NRD) Report.

Entity Reference Codes Report

The **Entity Reference Codes Report** lets any user search for a facility to find the DSHS ID, address, and zip code. Select **"Entity Type"** and **"Entity Name"** from the drop-down fields. Then select the **"View report"** button.

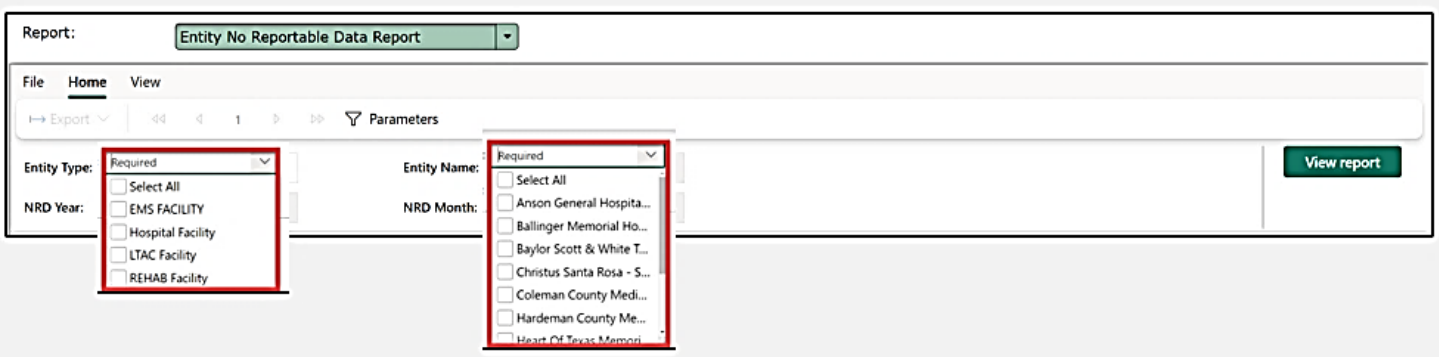


After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **"Export"** drop-down button and choose the appropriate file format.

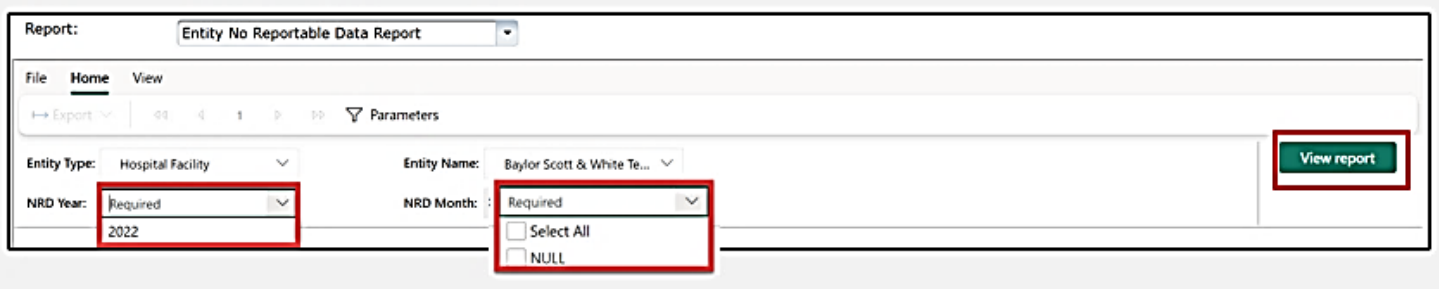


Entity No Reportable Data Report

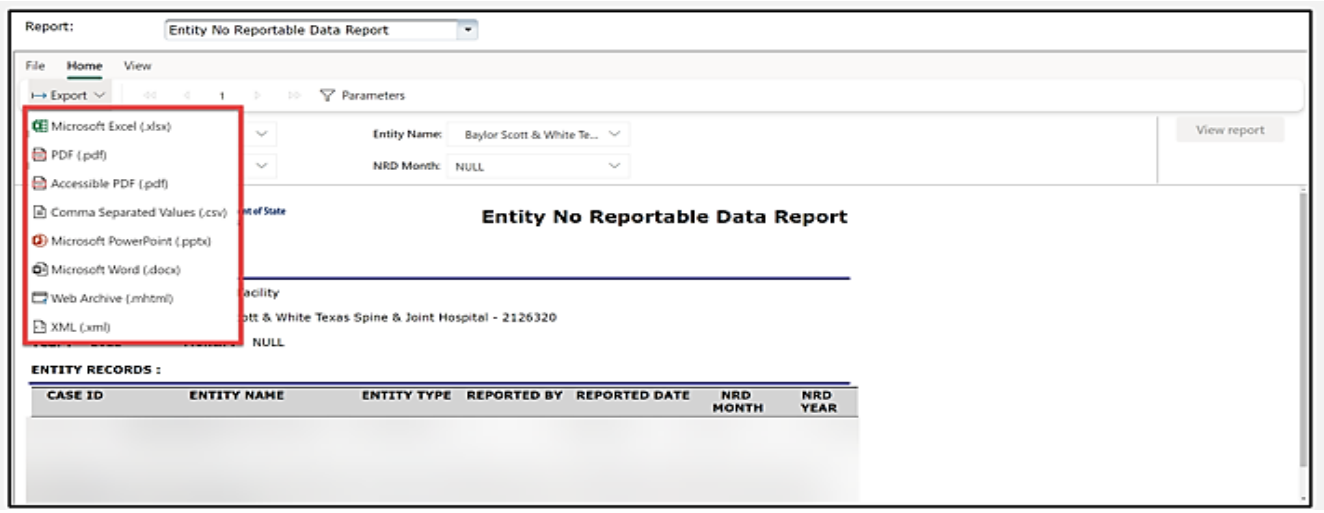
The **Entity No Reportable Data Report** provides a dashboard with **No Reportable Data (NRD)** for entities who don't have any patient data to report for the month. Select the **"Entity Type"** and **"Entity Name"** from the drop-down fields.



Select the **"NRD Year"** and **"NRD Month"** from the drop-down fields. Then select the **"View report"** button.



After selecting the **View report** button, the report will display with the selected parameters. To download the report, select the **"Export"** drop-down button and choose the appropriate file format.



Resources and Contact Information

For additional Identity and Access Management Online (IAM Online) resources, visit the HHS website: **pprdgatewayaw.hhs.state.tx.us/publicHelpGuide/Content/Q_External/EXT_HomePage.htm**.

For additional EMSTR resources, visit the DSHS website:

dshs.texas.gov/injury-prevention/ems-trauma-registries/emstr-platform-resources.

For questions regarding EMSTR, including account access, please contact **injury.web@dshs.texas.gov**.

EMS and Trauma Registries

dshs.texas.gov/injury-prevention/ems-trauma-registries