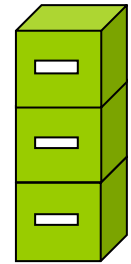


001011010010  
010101010101  
010001011101  
010101011101



# HEALTH CARE DATA COLLECTION



# CHS Core Functions

- Data Collection and Management
- Public Health Research
- Health Information Dissemination
- Professional and Technical Expertise

# Patient Discharge Data Team (THCIC)

- Collects and reports on patient discharge data from hospitals to enable individuals in Texas to make informed health care decisions
- Collects and disseminates health maintenance organizations data to enable consumer comparisons
- Facilitates research into healthcare quality and charges (costs)
- Provides *Texas Public Use Data File* (PUDF)

# Data and Reports

- Annual Reports
  - Indicators of Inpatient Care in Texas Hospitals, 2006
  - Quality of Children's Care in Texas Hospitals, 2006
- Other Reports
  - [Facts and figures: Statistics on Hospital-Based care in Texas, 2006](#)
  - [Preventable hospitalizations in Texas, 2005](#)



# *CHS Legislative Issues*

1. Update of Agency name – *Texas Health Care Information Council to Department of the State Health Services.*
2. Clarify and modify language to be less confusing and more operational. (*E.g., Modify language regarding the term Provider Quality Data to be Provider Quality Reports. Establish term for utilization reports from public use data, that do not require facility review.*)

# *CHS Legislative Issues*

## 3. Data sharing/linking initiative

Within the department, using patient identifiers, which is currently not allowed

### Benefits

- Quality control; 30-day mortality; Cancer research – tracking complications; Linking out and inpatient data files; Tracking patients (state hospitals)

# Consumer Guide to Health Care

- Guide for the consumer on the quality of healthcare and to healthcare billing and pricing practices - SB 1731 requirement

<http://www.dshs.state.tx.us/thcic/ConsumerGuide/ConsumerGuide.shtm>

# Statutory and Data Submission Issues





# *SB 1731 Requirements*

## Senate Bill 1731 (SB 1731) (80<sup>th</sup> Texas Legislature)

Amended Chapter 108, Health and Safety Code

<http://www.statutes.legis.state.tx.us/SOTWDocs/HS/pdf/HS.108.pdf>

- SECTION 2. Subdivision (10), Section 108.002,  
Defines "Health care facility"
  
- SECTION 3. Subsection (k), Section 108.009,
  - Prioritize data collection efforts on inpatient and outpatient surgical and radiological procedures from hospitals, ambulatory surgical centers, and free-standing radiology centers.

# *Outpatient Rules*

- Outpatient Data Rules – Adopted November 28, 2008. **33 Tex Reg 9694 Texas Register**
- Effective February 26, 2009
- Implementation is scheduled to begin **July 1, 2009** (3<sup>rd</sup> Quarter Data)



<http://www.sos.state.tx.us/texreg/pdf/backview/1128/1128adop.pdf>

or

<http://www.sos.state.tx.us/texreg/archive/November282008/adopted/25.HEALTH%20SERVICES.html#300>

# Website

<http://www.dshs.state.tx.us/thcic/OutpatientFacilities/OutpatientReportingRequirements.shtm>

Address  <http://www.dshs.state.tx.us/thcic/OutpatientFacilities/OutpatientReportingRequirements.shtm>  

An agency of the Texas Health and Human Services System.

- Data and Reports**
- Training**
- Calendar**
- General Information**
- Center for Health Statistics**

**Mailing Address**  
THCIC  
Dept. of State Health Services  
Center for Health Statistics, MC  
1898  
PO Box 149347  
Austin, Texas 78714-9347

**Location**  
Moreton Building, M-660  
1100 West 49th Street  
Austin, TX 78756

512-458-7261  
512-458-7740 (fax)

## Outpatient Data Reporting Requirements

### Texas Health Care Information Collection Center for Health Statistics

#### Who needs to report

All hospitals and ambulatory surgery centers in the State of Texas, except most rural providers and other specifically exempted facilities, are required to report data on patients who had surgical or radiological procedures covered by specific revenue codes.

- **[Hospital/ Ambulatory Surgery Centers \(ASC\) Listing](#)** (Excel format, 461K), with names and addresses, county, CEO, primary and alternate THCIC liaisons, reporting status, and facility type, as of December 11, 2008. See the Texas Association of Counties website for a [map](#) (PDF format, 3 MB) of hospital locations.
- **[Update information about your facility](#)** (PDF format, 45 KB) and return the form to THCIC.

#### What, how and when to report

Final rules for the collection and release of patient level data relating to patients that have surgical or radiological procedures (under specified revenue codes) performed in Texas hospitals (as an outpatient service including in the emergency department) or ambulatory surgical centers have been adopted and are published in the November 28, 2008 issue of the [Texas Register](#).

- Facilities are required to report data on patients who had surgical or radiological procedures that are covered by specific [revenue codes](#).
- **[Outpatient Data Reporting Schedule](#)**, includes dates for the reporting, correction and certification of outpatient data beginning with services provided in third quarter 2009.

# Technical Requirements

<http://www.dshs.state.tx.us/thcic/OutpatientFacilities/OutpatientReportingRequirements.shtm>

Address <http://www.dshs.state.tx.us/thcic/OutpatientFacilities/OutpatientReportingRequirements.shtm>

**Technical Specifications**

**Technical Specifications**, the current specifications for reporting and correcting data. The manual is intended for the hospital and ambulatory surgery center IT staff or software vendor that will create the electronic data submission.

- [THCIC 837 Technical Specifications](#) (Word format, 2.1MB)

3M™'s Clinical Risk Grouping Software is being considered for stratifying outpatient data. Additional information on the CRGs:

- [CRG Software Brochure](#)
- [Summary Description of Clinical Risk Groups \(CRGs\)](#)
- [3M™ Clinical Risk Grouping Software Solutions for Consultants](#)
- [3M™ Clinical Risk Grouping Software Solutions for Payers](#)

**Hospital And Ambulatory Surgery Centers Numbered Letters**

A regular publication to keep all hospitals and ambulatory surgery centers informed of the discharge data collection process. (PDF format)

- [Volume 12, Number 1](#) (57KB) - January 22, 2009
- [Volume 11, Number 8](#) (56KB) - December 1, 2008
- [Volume 11, Number 7](#) (57KB) - October 24, 2008
- [Volume 11, Number 6](#) (62KB) - October 7, 2008
- [Volume 11, Number 5](#) (58KB) - August 29, 2008
- [Volume 11, Number 4](#) (53KB) - June 10, 2008
- [Volume 11, Number 3](#) (53KB) - May 27, 2008
- [Volume 11, Number 2](#) (46KB) - May 1, 2008
- [Volume 11, Number 1](#) (53KB) - March 7, 2008

This is where you can download the Technical Specifications Manual. For you or your vendor.

# Data Submission Timeline

<http://www.dshs.state.tx.us/THCIC/OutpatientFacilities/schedule.shtm>

*This provides you a list of quarterly activity due dates*

## Key Activity Due Dates by Quarter

| Activity  | Q3 2009 | Q4 2009 | Q1 2010  | Q2 2010 | Q3 2010 | Q4 2010 |
|---|---------|---------|----------|---------|---------|---------|
| Cutoff for initial submission                   | 12-1-09 | 3-1-10  | 6-1-10   | 9-1-10  | 12-1-10 | 3-1-11  |
| Cutoff for corrections                          | 2-1-10  | 5-1-10  | 8-1-10   | 11-1-10 | 2-1-11  | 5-1-11  |
| Facilities retrieve certification files         | 3-1-10  | 6-1-10  | 9-1-10   | 12-1-10 | 3-1-11  | 6-1-10  |
| Cutoff for corrections at time of certification | 4-15-10 | 7-15-10 | 10-15-10 | 1-15-11 | 4-15-11 | 7-15-10 |
| Final encounters available to facilities        | 5-1-10  | 8-1-10  | 11-1-10  | 2-1-11  | 5-1-11  | 8-1-11  |
| Certification letters/comments due              | 6-1-10  | 9-1-10  | 12-1-10  | 3-1-11  | 6-1-11  | 9-1-11  |

## Quarterly Activities by Due Date

| Date    | Activity  | Quarter |
|---------|---|---------|
| 12-1-09 | Cutoff for initial submission                   | Q3 2009 |
| 2-1-10  | Cutoff for corrections                          | Q3 2009 |
| 3-1-10  | Facilities retrieve certification files         | Q3 2009 |
| 3-1-10  | Cutoff for initial submission                   | Q4 2009 |
| 4-15-10 | Cutoff for corrections at time of certification | Q3 2009 |
| 5-1-10  | Final encounters available to facilities        | Q3 2009 |
| 5-1-10  | Cutoff for corrections                          | Q4 2009 |

# *Required Format (1)*

THCIC Requires either

1. American National Standards Institutes, Accredited Standards Committee X12, National Electronic Data Interchange Transaction Set Implementation Guide, Health Care Claim: Institutional, 837, ASC X12N 837 (004010X096), May 2000 version, and the addenda published by the Washington Publishing Company in October 2002 (**ANSI 837 Institutional Guide**, 004010X096A1) or

# *Required Format (2)*

THCIC Requires either

2. American National Standards Institutes, Accredited Standards Committee X12, National Electronic Data Interchange Transaction Set Implementation Guide, Health Care Claim: Professional, 837, ASC X12N 837 (004010X098), May 2000 version, and the addenda published by the Washington Publishing Company in October 2002 (**ANSI 837 Professional Guide**, 004010X098A1) which can be purchased and downloaded from the following website:

<http://www.wpc-edi.com/content/view/533/377/>

# *Required Format (3)*

*A rule of thumb: If a facility or vendor submits a HIPAA compliant ANSI 837 Institutional Guide or Professional Guide formatted file with the additional required fields listed below, then that data file should pass the audits at our data collection vendor SYSTEM 13.*

- 1. THCIC ID Number*
- 2. Patient Race Code*
- 3. Patient Ethnicity Code*



# *Required 837 Inst Data*

- (1) Patient Name:
- (2) Patient Address:
- (3) Patient Birth Date;
- (4) Patient Sex;
- (5) Patient Race (*A new data element*);**
- (6) Patient Ethnicity (*A new data element*);**
- (7) Patient Social Security Number;
- (8) Patient Account Number;
- (9) Patient Medical Record Number;
- (10) Claim Filing Indicator Code (primary and secondary);
- (11) Payer Name - Primary and secondary (if applicable, for both);
- (12) National Plan Identifier
- (13) Type of Bill (Facility Type Code plus Claim Frequency Code);

# *Required 837 Prof Data*

- (1) Patient Name:
- (2) Patient Address:
- (3) Patient Birth Date;
- (4) Patient Sex;
- (5) Patient Race (*A new data element*);**
- (6) Patient Ethnicity (*A new data element*);**
- (7) Patient Social Security Number;
- (8) Patient Account Number;
- (9) Patient Medical Record Number (if applicable);
- (10) Claim Filing Indicator Code (Payer Source - primary and secondary (if applicable for secondary payer source));
- (11) Payer Name - Primary and secondary (if applicable, for both);

# Required 837 Data

Manual of current technical specifications for reporting and correcting data can be found here.

**Location**  
Moreton Building, M-660  
1100 West 49th Street  
Austin, TX 78756  
  
512-458-7261  
512-458-7740 (fax)

**What, how and when to report**

Final rules for the collection and release of patient level data relating to patients that have surgical or radiological procedures (under specified revenue codes) performed in Texas hospitals (as an outpatient service including in the emergency department) or ambulatory surgical centers have been adopted and are published in the November 28, 2008 issue of the *Texas Register*.

- Facilities are required to report data on patients who had surgical or radiological procedures that are covered by specific [revenue codes](#).
- [Outpatient Data Reporting Schedule](#), includes dates for the reporting, correction and certification of outpatient data beginning with services provided in third quarter 2009.

Training will be available beginning in the spring of 2009 on data submission, correction and certification.

**Technical Specifications**

**Technical Specifications**, the current specifications for reporting and correcting data. The manual is intended for the hospital and ambulatory surgery center IT staff or software vendor that will create the electronic data submission.

- [THCIC 837 Technical Specifications](#) (Word format, 2.1MB)

3M™'s Clinical Risk Grouping Software is being considered for stratifying outpatient data. Additional information on the CRGs:

- [CRG Software Brochure](#)
- [Summary Description of Clinical Risk Groups \(CRGs\)](#)
- [3M™ Clinical Risk Grouping Software Solutions for Consultants](#)
- [3M™ Clinical Risk Grouping Software Solutions for Payers](#)

**Hospital And Ambulatory Surgery Centers Numbered Letters**

# *Revenue Codes*

<http://www.dshs.state.tx.us/THCIC/OutpatientFacilities/RevenueCodes.shtm>

The following list of revenue codes is taken from Chapter 421 of the Texas Administrative Code:

§421.67. Event Files--Records, Data Fields and Codes.

(f) Facilities shall submit the required minimum data set to DSHS for each patient who has one or more of the following revenue codes for services rendered to the patient in the facility.

# Revenue Codes

**Outpatient Data Reporting Requirements**

**Texas Health Care Information Collection  
Center for Health Statistics**

**Revenue Codes**

The following list of revenue codes is taken from Chapter 421 of the Texas Administrative Code:

§421.67. Event Files--Records, Data Fields and Codes.

(f) Facilities shall submit the required minimum data set to DSHS for each patient who has one or more of the following revenue codes for services rendered to the patient in the facility.

- (1) 0321 Radiology--Diagnostic Angiocardiology
- (2) 0322 Radiology--Diagnostic Arthrography
- (3) 0323 Radiology--Diagnostic Arteriography
- (4) 0329 Radiology--Diagnostic Other Radiology - Diagnostic
- (5) 0330 Radiology--Therapeutic General Classification
- (6) 0333 Radiology--Therapeutic Radiation Therapy
- (7) 0339 Radiology--Therapeutic Other Radiology--Therapeutic
- (8) 0340 Nuclear Medicine General Classification
- (9) 0341 Nuclear Medicine Diagnostic
- (10) 0342 Nuclear Medicine Therapeutic
- (11) 0343 Nuclear Medicine Diagnostic Pharmaceuticals
- (12) 0344 Nuclear Medicine Therapeutic Pharmaceuticals
- (13) 0349 Nuclear Medicine Other Nuclear Medicine
- (14) 0350 Computed Tomography (CT)--Scan General Classification

Full list of revenue codes can be found here.

# SB 1731 Progress



# Outpatient Services Data

- Collected from over 500 hospitals licensed or owned by the state
- Collected from over 350 ASCs licensed by the state
- Exemptions
  - Most facilities located in counties with population less than 35,000
  - Facilities that do not seek reimbursement for providing medical services

# Submission Requirements

[www.dshs.state.tx.us/thcic/](http://www.dshs.state.tx.us/thcic/)

Information on outpatient data collection

The screenshot shows the Texas Department of State Health Services website. The header includes the Texas state logo and the text "TEXAS Department of State Health Services". Navigation links include "Find Services", "News & Information", "Rules & Regulations", and "Business Information". A search bar is present with a "Search" button and the text "(Buscar)".

The main content area is titled "Texas Health Care Information Collection Center for Health Statistics". Below the title, it states: "The Texas Health Care Information Collection (THCIC) includes data from:"

- [Hospitals \(inpatients\)](#)
- [Hospitals \(outpatients\), Ambulatory Surgery Centers, Radiology Centers](#) (SB 1731)
- [Health Maintenance Organizations](#)

On the left side, there is a sidebar with a "Mailing Address" section for THCIC: "Dept. of State Health Services Center for Health Statistics, MC 1898 PO Box 149347 Austin, Texas 78714-9347".

Below the list, there is a section titled "Consumer Guide to Health Care" with a brief description: "A guide to information for the consumer on the quality of healthcare and on healthcare billing and pricing practices has been developed by the Texas Department of State Health Services and the Texas Medical Board. It is required by [Chapter 324, Texas Health and Safety Code](#) and [Chapter 154, Texas Occupations Code](#). These statutes provide for consumer access to health care information and to certain billing information from health plans or from healthcare facilities."







# System 13 Website

All Screenshots are concepts – not final

Website Home page Page 1

---

**system13**  **THCIC Support Center**   

Formerly Commonwealth Clinical Systems and Computer Services

My Account | Contact | Help


### Login

Username:


Password:

[Forgot your password?](#)

### Not registered?

 [Request Access](#)

### Looking for our Legacy Process Tools?

 [Download Software and Manuals](#)

# Data submission – data entry

(Concept)

**Web Claim**    Use Case 1 - Entering Patient info    Page 4

Claims | Claim Correction **21** | Reports | Certification | My Account | Help | Logout

**NOTES**

User is taken to the first tab of the new claim form

### New Claim

- ✓ Patient
- ✓ Payer
- ✓ Charges
- ✓ Diagnosis & Proc
- ✓ Practicioners
- ✓ Situational Codes

#### Personal Information ?

**First Name:**     **Middle:**     **Last Name:**   
(initial)

**Address:**

**City:**     **State:**     **Zip Code:**

**Country:**

**Social Security Number:**

**Birth Date:**

**Sex:**  
 Male     Female     Unknown

**Race:**

**Ethnicity:**  
 Hispanic origin     Not of Hispanic ...

#### Admission Information ?

**Start Care Date:**     **Time:**  AM  PM    **Discharge Time:**  AM  PM    **Statement:** From:  To:

More

0% complete

# Data correction

(Concept)

**Web Correct** Patient information of selected claim Page 26 NOTES

Claims | **Claim Correction 21** | Reports | Certification | My Account | Help | Logout

**Doe, John** Medical Record Number: **MRN0923322-01** Control Number: **PAN989034-01** Current Claim: **C-56248884**

- 2 Patient
- ✓ Payer
- 10 Charges
- ✓ Diagnosis & Proc
- ✓ Practicioners
- ✓ Situational Codes



### Personal Information

|  |   |   |
|--|---|---|
| <b>Name</b><br>John Doe  | <b>Social Security Number</b><br>449-74 <span style="color: red; font-weight: bold;">!</span> | <b>Sex</b><br>Male  |
| <b>Address</b><br>9892 Apple Rd<br>Irvine, CA 98272<br>United States | <b>Birth Date</b><br>08/09/1958   | <b>Race</b><br>5 - Asian, Native Hawaiian or Pacific Islander |
|  |   | <b>Ethnicity</b><br>2 - Not of Hispanic origin                |

---

### Admission Information

|                                     |  |   |  |
|-------------------------------------|--|---|--|
| <b>Start Care</b><br>08/05/2007 5pm | <b>Statement</b><br><b>From:</b> 08/05/2007<br><b>To:</b> 18/05/2007 | <b>Type</b><br>20 - Newborn <span style="color: red; font-weight: bold;">!</span> | <b>Source</b><br>6 - Born Outside the Hospital |
| <b>Discharge Hour</b><br>6pm        |  | <b>Patient Status</b><br>65 - Dischg to other inpatient care facility             |  |

User clicks on the Edit button

# Data Processing

## Processes available at System13:

- Data submission
  - File upload
  - Data entry
- Data Correction
- Data Certification
- Systems available for testing May-June 2009
- Training available June 2009

# Outpatient Data Files

## Public Use Data File (PUDF):

- Record for each patient having a surgical or radiological procedure
- Data suppression to protect patient confidentiality

# Data File

Data file will include:

- Basic patient demographic data
- Service date
- Diagnosis codes
- Procedure codes
- Revenue codes

# Data File

Data calculated or assigned:

- County
- Aggregate charges
- 3M Clinical Risk Groups
- Uniform Physician Identifier

# Public Use Data File

| record_id    | THCIC ID | PROVIDER_NAME                | pat_age | SEX_CODE | PAT_ZIP | PAT_STATE | LENGTH_OF_STAY | PAT_STATUS |
|--------------|----------|------------------------------|---------|----------|---------|-----------|----------------|------------|
| 420070015061 | 000105   | UT MD Anderson Cancer Center | 15      | M        | 77040   | TX        | 0003           | 01         |
| 420070011224 | 000105   | UT MD Anderson Cancer Center | 12      | M        | 77059   | TX        | 0003           | 01         |
| 420070011182 | 000105   | UT MD Anderson Cancer Center | 14      | M        | 77320   | TX        | 0002           | 01         |
| 420070015391 | 000105   | UT MD Anderson Cancer Center | 11      | M        | 77372   | TX        | 0002           | 01         |
| 420070012888 | 000105   | UT MD Anderson Cancer Center | 14      | M        | 77380   | TX        | 0002           | 01         |
| 420070014338 | 000105   | UT MD Anderson Cancer Center | 11      | M        | 77382   | TX        | 0004           | 01         |
| 420070011804 | 000105   | UT MD Anderson Cancer Center | 12      | M        | 77459   | TX        | 0002           | 01         |
| 420070013143 | 000105   | UT MD Anderson Cancer Center | 14      | M        | 77494   | TX        | 0002           | 01         |
| 420070014432 | 000105   | UT MD Anderson Cancer Center | 14      | M        | 77657   | TX        | 0004           | 01         |
| 420070011869 | 000105   | UT MD Anderson Cancer Center | 13      | M        | 79403   | TX        | 0001           | 01         |
| 420070016380 | 000105   | UT MD Anderson Cancer Center | 07      | M        | 79602   | TX        | 0004           | 01         |
| 420070014865 | 000105   | UT MD Anderson Cancer Center | 13      | M        | 88888   | ZZ        | 0019           | 62         |
| 420070015253 | 000105   | UT MD Anderson Cancer Center | 15      | M        | 88888   | ZZ        | 0002           | 01         |
| 420070015782 | 000105   | UT MD Anderson Cancer Center | 18      | M        | 88888   | ZZ        | 0003           | 01         |
| 420070015833 | 000105   | UT MD Anderson Cancer Center | 10      | M        | 88888   | ZZ        | 0007           | 01         |
| 420070015234 | 000105   | UT MD Anderson Cancer Center | 11      | M        | *       | FC        | 0014           | 62         |
| 420070012799 | 000105   | UT MD Anderson Cancer Center | 12      | M        | *       | FC        | 0002           | 01         |



# Public Use Data File

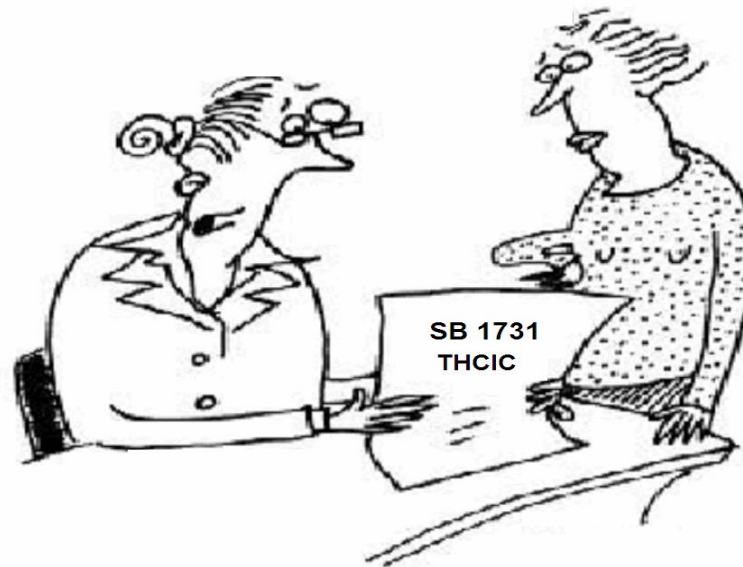
| FIRST_PAYMENT_SRC | PRINC_DIAG_CODE | PRINC_SURG_PRO | total_charges | opr_phys_unif_id | att_phys_unif_id | HCFA_DRG | APR_DRG |
|-------------------|-----------------|----------------|---------------|------------------|------------------|----------|---------|
| HM                | 1983            | 0159           | 34678.35      | 1359499429       | 1359499429       | 002      | 021     |
| 09                | 2252            | 0159           | 54305.35      | 4019103456       | 4019103456       | 002      | 021     |
| CI                | 1983            | 0159           | 88433.30      | 1387726103       | 1387726103       | 002      | 021     |
| 12                | 1983            | 0159           | 41270.60      | 2081161850       | 2081161850       | 002      | 021     |
| BL                | 2251            | 0401           | 38041.50      | 9516018784       | 9516018784       | 002      | 021     |
| 12                | 1911            | 0159           | 41919.05      | 4019103456       | 4019103456       | 002      | 021     |
| HM                | 1983            | 0159           | 34763.30      | 1153837264       | 1153837264       | 002      | 021     |
| 12                | 1911            | 0159           | 32745.65      | 2081161850       | 2081161850       | 002      | 021     |
| BL                | 1913            | 0123           | 31243.75      | 1153837264       | 1153837264       | 002      | 021     |
| CI                | 2251            | 0401           | 53338.30      | 9516018784       | 4019103456       | 002      | 021     |
| 11                | 1983            | 0159           | 37119.25      | 7721270543       | 7721270543       | 002      | 021     |
| 12                | 1983            | 0159           | 47054.05      | 1359499429       | 1359499429       | 002      | 021     |
| 12                | 1912            | 0159           | 53771.40      | 1359499429       | 1359499429       | 002      | 021     |
| 12                | 2375            | 0139           | 19906.80      | 2081161850       | 2081161850       | 002      | 021     |
| 12                | 2375            | 0159           | 52110.15      | 7721270543       | 7721270543       | 002      | 021     |
| 12                | 1911            | 0159           | 101326.40     | 1387726103       | 1387726103       | 002      | 021     |
| 12                | 2252            | 0159           | 31084.20      | 7721270543       | 7721270543       | 002      | 021     |

# Research Data

## Data for Research:

- Available with approval of IRB
- Access to data not included in PUDF
  - Date of birth
- Access to data suppressed in PUDF
  - Age, ZIP code
- Access to confidential data not permitted
  - Patient name, Social Security Number
  - Physician name, license number or NPI

# Is SB 1731 a big deal?



“They’ve all tested positive for stress.”

# Contact

- Center for Health Statistics  
<http://www.dshs.state.tx.us/chs/>
- Hospital Inpatient Discharge Data Program  
<http://www.dshs.state.tx.us/thcic/>

**Sylvia Cook / Bruce Burns / Ramdas Menon**

Center for Health Statistics

512-458-7111 x 6438

[Sylvia.Cook@dshs.state.tx.us](mailto:Sylvia.Cook@dshs.state.tx.us)

[Bruce.Burns@dshs.state.tx.us](mailto:Bruce.Burns@dshs.state.tx.us)

[Ramdas.Menon@dshs.state.tx.us](mailto:Ramdas.Menon@dshs.state.tx.us)

**Center for Health Statistics** - Mail Code 1898  
1100 W. 49th Street  
Austin, TX 78756  
512-458-7261

