# GIS Mapping Request Guidelines

## What do I need to send to map county-level, region-level or point locations?

Select a level for more information

**Click to learn how to format your data**
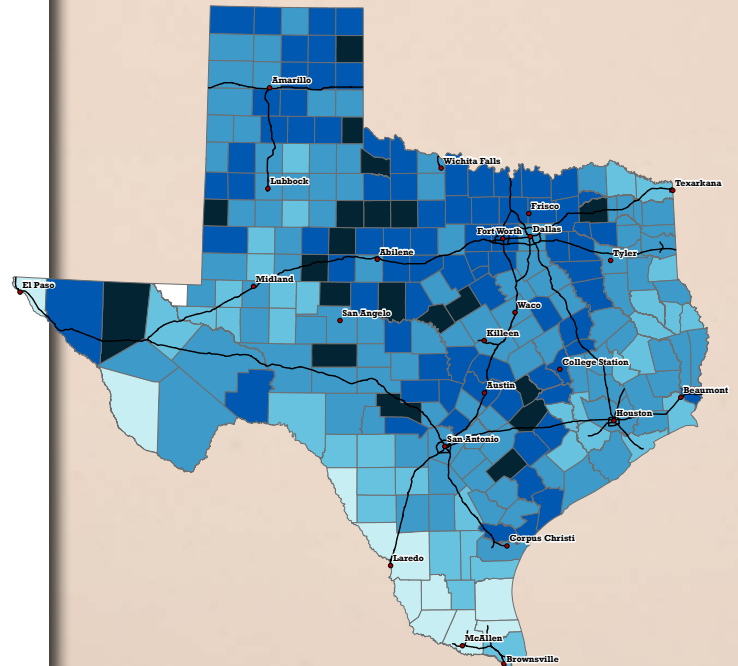
| County Level | Regional Level | Point Level |
| --- | --- | --- |

To map county-level data, please submit a spreadsheet following the example below. This should include county names in one column (Column A) and the data you would like mapped in a second column (Columns C and D). If you have the county FIPS code in your dataset (Column B), please include this as well.

| | A | B | C | D |
| --- | --- | --- | --- | --- |
| 1 | **County** | County **FIPS** | QuantitativeVariable | QualitativeVariable |
| 2 | Anderson | 48001 | 373739.5 | Non-Border |
| 3 | Angelina | 48005 | 345655.06 | Non-Border |
| 4 | Aransas | 48007 | 200990.38 | Non-Border |
| 5 | Bailey | 48017 | 187563.01 | Non-Border |
| 6 | Bastrop | 48021 | 189851.66 | Non-Border |
| 7 | Bell | 48027 | 220319.08 | Non-Border |
| 8 | Bexar | 48029 | 284580.81 | Non-Border |
| 9 | Bowie | 48037 | 409692.16 | Non-Border |

If you have point locations and would like to calculate sums, rates, or ratios per county or region, please view the Point Level tab and let us know what type of aggregation you would like applied. We can calculate rates using population data from sources such as Texas Demographic Center or US Census Bureau.

**GIS Service Request**

## Have any questions?

Please email **GIS@dshs.texas.gov** for assistance.

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| County Level | **Regional Level** | Point Level |
|---|---|---|

If you have data that is already aggregated to the regions you would like mapped, please submit a spreadsheet following the example below. The CHS GIS Team maintains a geodatabase of commonly used regions and we can join this table to our existing spatial data layers.
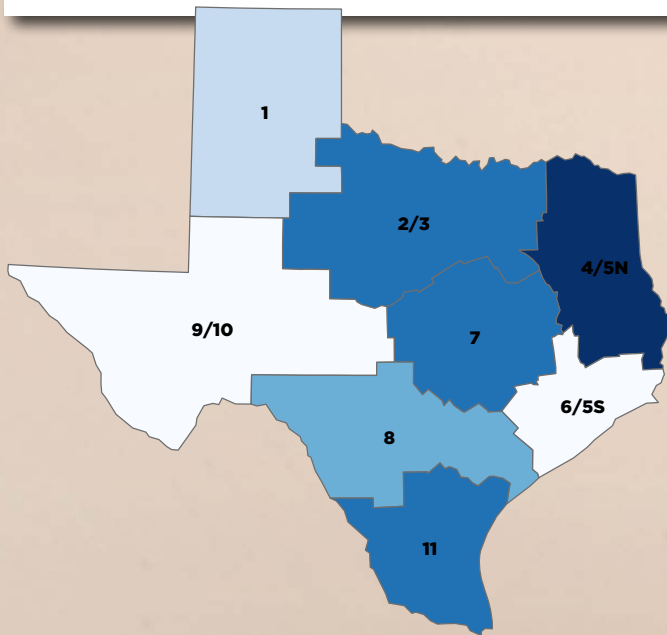
If you need to create new regions based on groups of counties, please submit a spreadsheet following the example below.

For each county, include the region or group the county belongs to (Column D). The CHS GIS Team can aggregate from the county-level data to your custom regions.

For regions based on other units, such as ZIP codes, please email GIS@dshs.texas.gov and we can provide guidance.



| | A | B | C |
|---|---|---|---|
| 1 | PH Region | QuantitativeVariable | |
| 2 | 1 | 25.2 | |
| 3 | 2/3 | 38.6 | |
| 4 | 4/5N | 66.3 | |
| 5 | 9/10 | 23.3 | |
| 6 | 7 | 35.2 | |
| 7 | 6/5S | 24.1 | |
| 8 | 8 | 30.2 | |
| 9 | 11 | 36.9 | |

| | A | B | C | D |
|---|---|---|---|---|
| 1 | County | County FIPS | QuantitativeVariable | QualitativeVariable |
| 2 | Anderson | 48001 | 373739.5 | Non-Border |
| 3 | Angelina | 48005 | 345655.06 | Non-Border |
| 4 | Aransas | 48007 | 200990.38 | Non-Border |
| 5 | Bailey | 48017 | 187563.01 | Non-Border |
| 6 | Bastrop | 48021 | 189851.66 | Non-Border |
| 7 | Bell | 48027 | 220319.08 | Non-Border |
| 8 | Bexar | 48029 | 284580.81 | Non-Border |
| 9 | Bowie | 48037 | 409692.16 | Non-Border |
| 10 | Brazoria | 48039 | 327857.36 | Non-Border |

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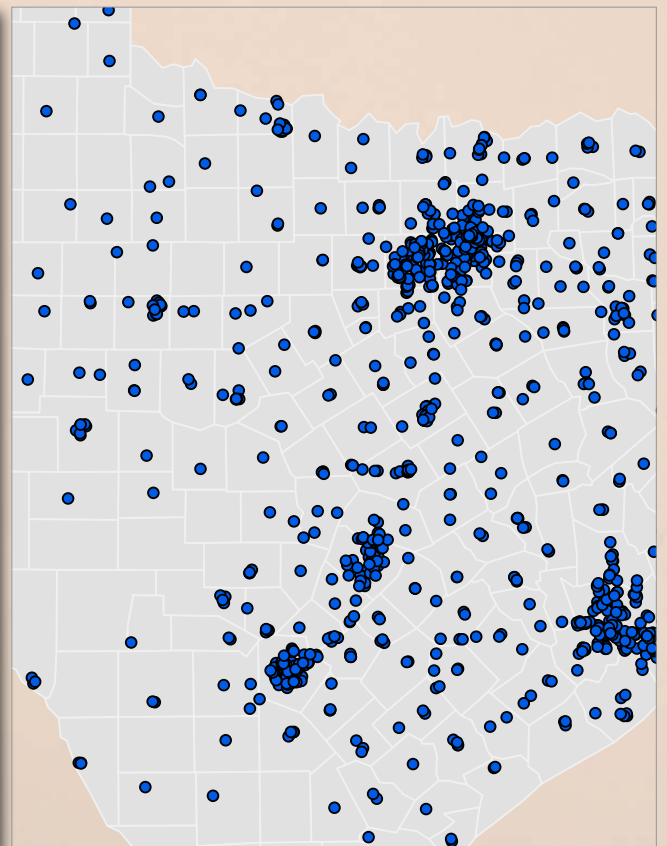| County Level | Regional Level | **Point Level** |
| --- | --- | --- |

If you have addresses you would like mapped, please submit a spreadsheet following the example below. We prefer having the Address, City, and ZIP code in separate columns.

The CHS GIS Team also maintains or can acquire spatial data on many point datasets, such as hospitals or Federally Qualified Health Centers, if you would like to include those locations in your map.

|  | A | B | C | D | E |
| --- | --- | --- | --- | --- | --- |
| 1 | Facility | Address | Zip | City | Facility Type |
| 2 | Texas Treatment | 11826 Amy Frances Dr | 78253 | San Antonio | Nursing |
| 3 | Texas Center | 4225 Clayborn Circle | 78745 | Waco | Community |
| 4 | Texas Nursing Care | 6588 Hamilton Loop | 78526 | Austin | Nursing |
| 5 | Greater Nursing | 1022 Freemont | 74556 | Blanco | Nursing |
| 6 | Nursing Services | 2296 North Woods | 79551 | Austin | Nursing |
| 7 | Texas Treatment | 1102 Richmond | 74521 | Dallas | Community |
| 8 | El Paso Services | 2281 Sierra Dr | 71556 | El Paso | Outpatient |

If you are requesting a web map, please let us know if there are additional spatial variables you would like included. For example, we can add columns representing the county, public health region, and trauma service area that a facility is located in. These variables can be used to add filters and query widgets in web maps.

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| --- | --- | --- |

## Dos and Don'ts

Highlighted or colored data are not recognized and must be converted/labeled appropriately if it is to be emphasized (C or D) on the map.



Please leave cells with missing data blank. Including "NA" text to indicate missing data will cause the column to be read as text by the GIS.



Too many variables or tabs can make it unclear what needs to be mapped. Please make sure variables have legible names and please consolidate your data, providing only what's neccessary to facilitate the request.



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