

GIS Quick Tips

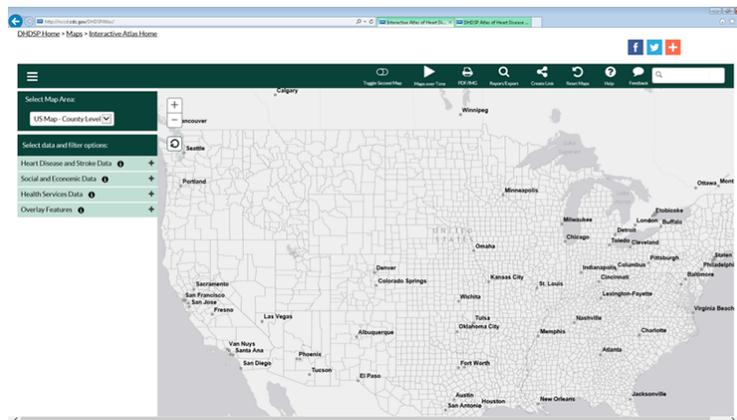
Presented by CDC's GIS Exchange

<https://www.cdc.gov/dhdsp/maps/gisx/index.html>

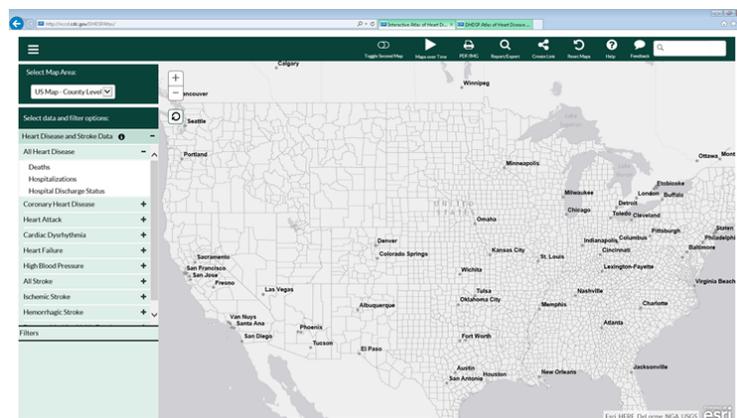
Instructions for Downloading Data from the CDC Interactive Atlas of Heart Disease and Stroke

Access the CDC Heart Disease Interactive Atlas online at: <http://nccd.cdc.gov/DHDSPAtlas/>

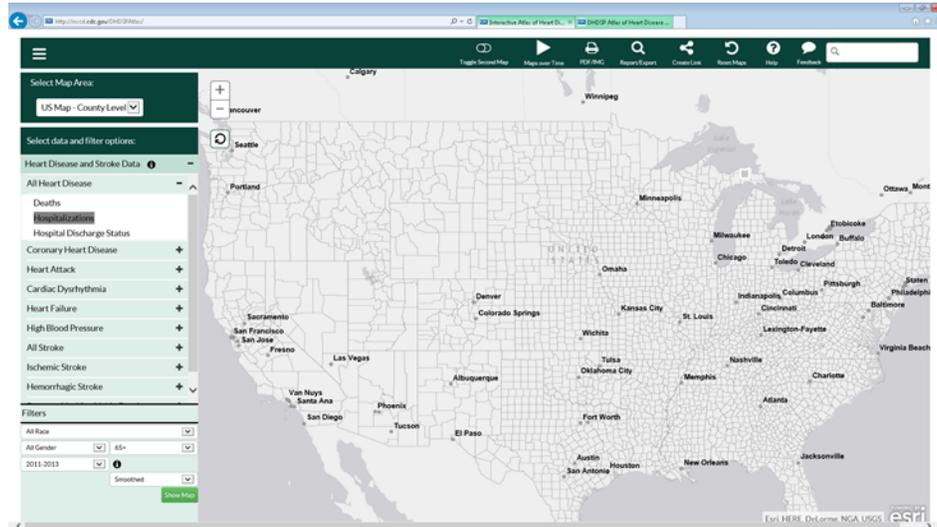
In the menu on the left, choose either “US Map – County Level” or “US Map” – State Level”



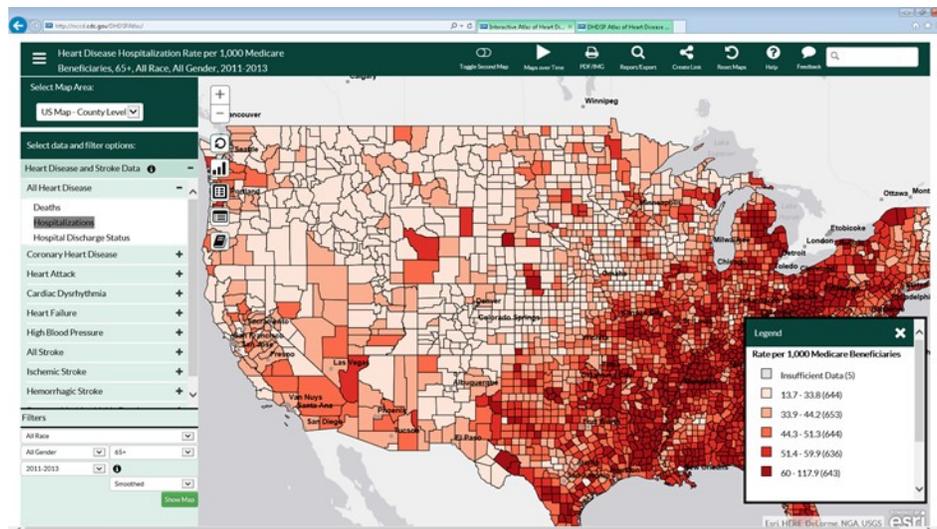
Select a variable of interest from the “Select data and filter options” menu on the left. In this example, we will choose Heart Disease Hospitalizations by clicking the plus next to Heart Disease and Stroke Data > All Heart Disease > Hospitalizations.



Click the word “Hospitalizations” to bring up a new filter menu at the bottom left of the screen. Use the down arrows on the right side of the labels to filter by race, gender, age, year, and choose whether the data is smoothed or unsmoothed. For more information on spatial smoothing, click the black ‘i’ button and navigate to the statistical methods section.



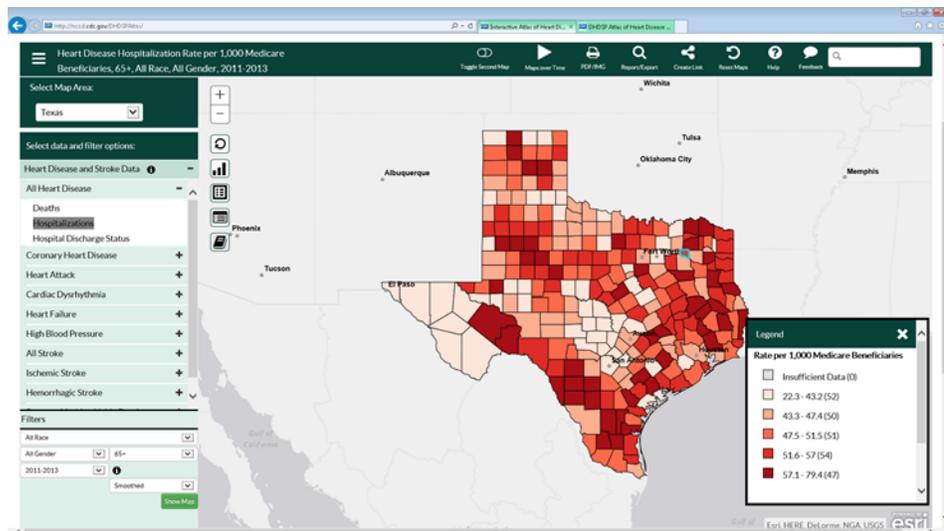
Click the green “Show Map” button to display the data on the map.



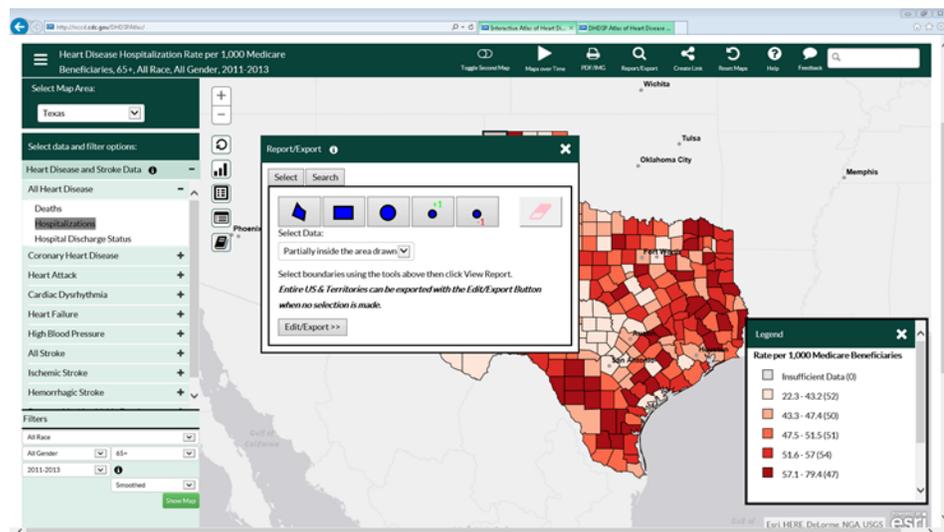
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To look at a specific state, return to the “Select Map Area” menu. Select your state of interest from the drop down menu, then click the green “Show Map” button again.



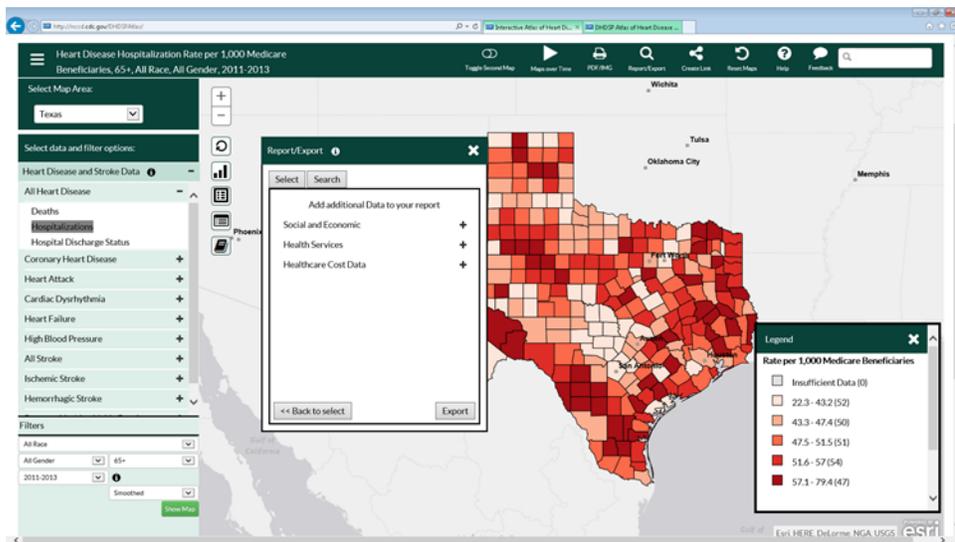
To export the data, click on the “Report/Export” button (magnifying glass) in the toolbar at the top of the map.



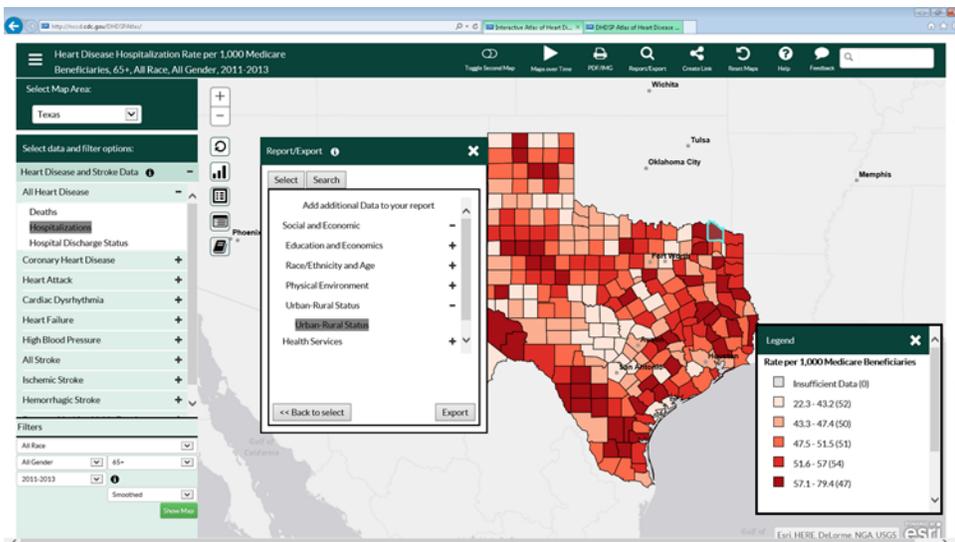
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Click the “Edit/Export>>” button to continue without making changes to the selected area.



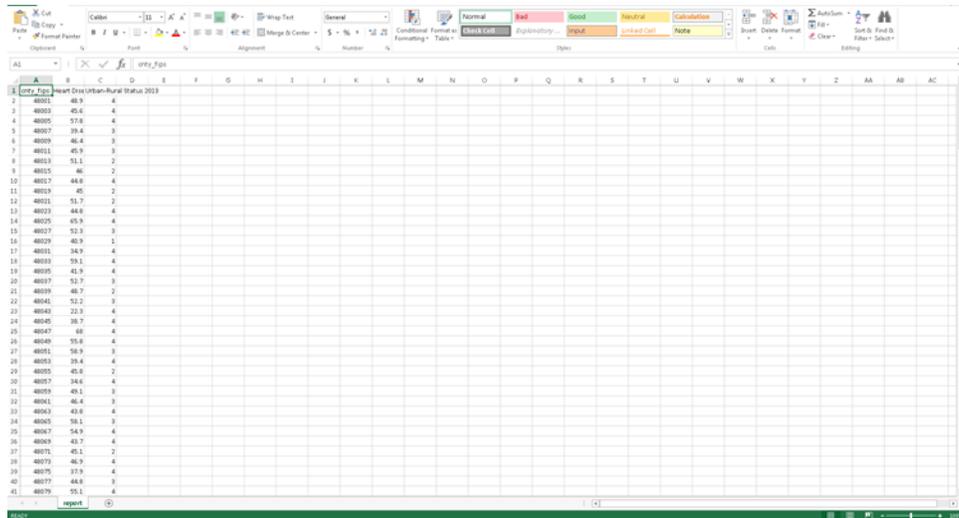
Add additional data to your report by clicking through the additional data menu.



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Click the export button and, when prompted, save the resulting file 'report.csv'. After downloading the file, open it to check that the data was downloaded correctly.



The screenshot shows an Excel spreadsheet with the following data:

| City_Fips | Count | Urban-Rural Status | Year |
|-----------|-------|--------------------|------|
| 480001 | 48.9 | 4 | 2 |
| 480003 | 45.4 | 4 | 3 |
| 480005 | 57.8 | 4 | 4 |
| 480007 | 39.4 | 3 | 5 |
| 480009 | 46.4 | 3 | 6 |
| 480011 | 45.9 | 3 | 7 |
| 480013 | 51.1 | 2 | 8 |
| 480015 | 46 | 2 | 9 |
| 480017 | 44.8 | 4 | 10 |
| 480019 | 48 | 2 | 11 |
| 480021 | 51.7 | 2 | 12 |
| 480023 | 44.8 | 4 | 13 |
| 480025 | 45.9 | 4 | 14 |
| 480027 | 52.3 | 3 | 15 |
| 480029 | 48.9 | 1 | 16 |
| 480031 | 34.9 | 4 | 17 |
| 480033 | 59.1 | 4 | 18 |
| 480035 | 41.9 | 4 | 19 |
| 480037 | 52.7 | 3 | 20 |
| 480039 | 48.7 | 2 | 21 |
| 480041 | 52.2 | 3 | 22 |
| 480043 | 22.3 | 4 | 23 |
| 480045 | 38.7 | 4 | 24 |
| 480047 | 68 | 4 | 25 |
| 480049 | 59.8 | 4 | 26 |
| 480051 | 58.9 | 3 | 27 |
| 480053 | 39.4 | 4 | 28 |
| 480055 | 45.8 | 2 | 29 |
| 480057 | 34.4 | 4 | 30 |
| 480059 | 49.1 | 3 | 31 |
| 480061 | 46.4 | 3 | 32 |
| 480063 | 43.8 | 4 | 33 |
| 480065 | 58.1 | 3 | 34 |
| 480067 | 54.9 | 4 | 35 |
| 480069 | 43.7 | 4 | 36 |
| 480071 | 45.1 | 2 | 37 |
| 480073 | 48.9 | 4 | 38 |
| 480075 | 37.9 | 4 | 39 |
| 480077 | 44.8 | 3 | 40 |
| 480079 | 51.1 | 4 | 41 |

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