


Getting Started Guide – 500 Cities Project

➤ Home page access

CDC A-Z INDEX ▾


500 Cities: Local Data for Better Health

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The 500 Cities project is a collaboration between CDC, the Robert Wood Johnson Foundation, and the CDC Foundation. The purpose of the 500 Cities Project is to provide city- and census tract-level small area estimates for chronic disease risk factors, health outcomes, and clinical preventive service use for the largest 500 cities in the United States. These small area estimates will allow cities and local health departments to better understand the burden and geographic distribution of health-related variables in their jurisdictions, and assist them in planning public health interventions. See bottom of page for the note for data users. [Learn more about the 500 Cities Project.](#)

How are you using 500 Cities data?



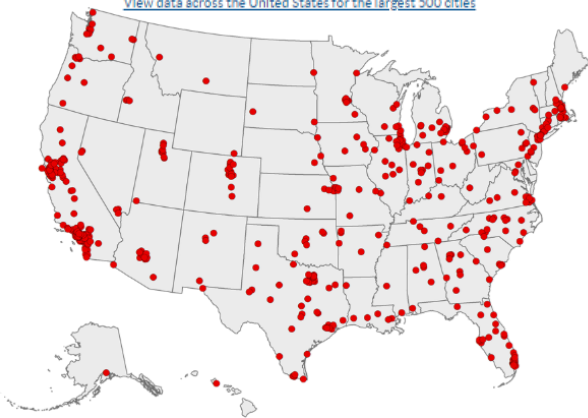
➔ Overview includes project purpose, cities served, and unique value of project

More >

➔ Interactive map allows you to compare health measures by state or city

500 Cities Project Interactive Map

[View data across the United States for the largest 500 cities](#)



Select a State ▾ Go

➔ Compare up to 3 cities for all health measures

View data by measure

Select a measure to view data for the 500 largest cities in the United States and their census tracts.

Category
Select one ▾

Measure
Select one above ▾ GO

[Measure definitions](#)

Compare Cities Report

Compare up to three cities for all measures. Start by selecting one city.

City
Select one ▾ Go

➔ Datasets and figures available for download based on health topic

Download the 500 Cities Data

Go to the 500 Cities Data Portal to download the data, create a custom report, customize visualizations, and more.

[500 Cities Data Po](#)

➔ Users may download geographic maps based on search query (in PDF)

Download Maps for All Measures by City (PDF)

Select a state to view map books for available cities. Each map book contains census-tract data for all 28 measures for one city.

Select one ▾

[View map books](#)

➤ 500 Cities Data Portal – overview of fields

View data by measure

Select a measure to view data for the 500 largest cities in the United States and their census tracts.

Category: Select one

Measure: Select one above GO

[Measure definitions](#)

Compare Cities Report

Compare up to three cities for all measures. Start by selecting one city.

City: Chino Hills, CA Go

Download the 500 Cities Data

Go to the 500 Cities Data Portal to download the data, create a custom report, customize visualizations, and more. [500 Cities Data Portal](#)

Download Maps for All Measures by City (PDF)

Select a state to view map books for available cities. Each map book contains census-tract data for all 28 measures for one city.

Select one View map books

Local Data Widget

A widget is an interactive web tool that displays the featured content on a page. You can embed content in personalized home pages, blogs, and you've added the widget, there's no technical maintenance. CDC.gov content automatically.

Related Links

- Webinar Recording: 500 Cities Project
- The Robert Wood Johnson Foundation hosted an informational webinar on the 500 Cities Project on June 30, 2016.
- Programs and Interventions
- More information about interventions and related efforts.

➔ Users may select complete datasets, compare health measures by geographic level, and access related links

Welcome to the 500 Cities Data Portal

Featured Content

500 Cities Project Application

External Content

The 500 Cities project is a collaboration between CDC, the Robert Wood Johnson Foundation, and the CDC Foundation.

500 Cities: Local Data for Better Health, 2017 release

July 9, 2018 20.6K Views

This is the complete dataset for the 500 Cities project 2017 release. This dataset includes 2015, 2014 model-based small area estimates for 27 measures of chronic disease related to unhealthy behaviors (5), health...

500 Cities: Bar graph comparing prevalence of adults with high...

December 4, 2017 3,330 Views

This is a bar graph comparing the prevalence of adults with high cholesterol to the prevalence of adults who have been screened for cholesterol in the past five years. This project provides model-based...

➔ Access external datasets, charts, maps, and other resources

Categories

- 500 Cities
- Alcohol-Related Disease Impact
- Behavioral Risk Factors
- Chronic Disease Indicators
- Health-Related Quality of Life
- Healthy Aging
- Heart Disease & Stroke Prevention
- Maternal & Child Health
- Nutrition, Physical Activity, and Obesity
- Oral Health
- Tobacco Use
- Vision & Eye Health
- Youth Risk Behaviors

View Types

- Calendars
- Charts
- Data Lens pages
- Datasets

500 Cities: Local Data for Better Health, 2017 release

This is the complete dataset for the 500 Cities project 2017 release. This dataset includes 2015, 2014 model-based small area estimates for 27 measures of chronic disease related to unhealthy behaviors (5), health outcomes (13)... Updated July 9, 2018 Views 20,759

Tags: outcomes, prevention, brfss, tracts, census, and 5 more API Docs

500 Cities: Census Tract-level Data (GIS Friendly Format), 2017 release

2015, 2014. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the Robert Wood Johnson Foundation... Updated July 9, 2018 Views 5,511

Tags: behaviors, cities, outcomes, prevention, 500cities, and 5 more API Docs

500 Cities: Bar graph comparing prevalence of adults with high cholesterol to the prevalence of adults who have been screened for cholesterol in the past five years

This is a bar graph comparing the prevalence of adults with high cholesterol to the prevalence of adults who have been screened for cholesterol in the past five years. This project provides model-based small area estimates for 27... Updated December 4, 2017 Views 3,329

Tags: unhealthy, census, prevention, cities, brfss, and 5 more

500 Cities: City-level Data (GIS Friendly Format), 2017 release

2015, 2014. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the Robert Wood Johnson Foundation... Updated July 9, 2018 Views 2,217

Tags: unhealthy, gis, tract, census, 500cities, and 5 more API Docs

➔ Access datasets based on health topic of interest

➤ 500 Cities Data Portal – example

→ In this example, we want to look at obesity estimates for adults >= 18 years in Chicago

Search: 500 Cities: Obesity among adults aged >=18 years

141 Results

Sort by: Most Relevant

500 Cities: Obesity among adults aged >=18 years 500 Cities Filtered View

2015. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the Robert Wood Johnson...
[More](#)

Tags: census, 500 cities, prevalence, estimates, tracts, and 1 more

Updated: December 4, 2017
Views: 1,078

500 Cities: Census Tract-level Data (GIS Friendly Format), 2017 release Dataset

500 Cities

2015, 2014. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the Robert Wood Johnson...
[More](#)

Tags: behaviors, cities, outcomes, prevention, 500cities, and 5 more

Updated: July 9, 2018
Views: 5,511

API Docs

500 Cities: City-level Data (GIS Friendly Format), 2017 release Dataset

500 Cities

2015, 2014. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the Robert Wood Johnson...
[More](#)

Tags: unhealthy, gis, tract, census, 500cities, and 5 more

Updated: July 9, 2018
Views: 2,217

API Docs

➤ 500 Cities Data Portal – example output

500 Cities: Obesity among adults aged >=18 years

Based on [500 Cities: Obesity among adults aged >=18 years](#)

2015. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the Robert Wood Johnson Foundation.

Manage More Views Filter Visualize Export Embed About

Year	State	State	City	Geograp...	Data...	Cate...	Uniq...	Measure	Data_Va...
2015	US	United St...		US	BRFSS	Unhealth...	59	Obesity amon...	%
2015	US	United St...		US	BRFSS	Unhealth...	59	Obesity amon...	%
2015	AL	Alabama	Birmingh...	City	BRFSS	Unhealth...	0107000	Obesity amon...	%
2015	AL	Alabama	Birmingh...	City	BRFSS	Unhealth...	0107000	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%
2015	AL	Alabama	Birmingh...	Census Tract	BRFSS	Unhealth...	0107000...	Obesity amon...	%

Filter

Conditional Formatting

Sort & Roll-Up

Filter

Filter this dataset based on contents.

You are in simplified mode. Go advanced now?

GeographicLevel is

StateAbbr is

CityName is

→ After accessing the dataset, we go to the 'Filter' option in order to specify our search criteria

500 Cities: Obesity among adults aged >=18 years

2015. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the

City...	Geograp...	Data...	Cate...	Uniq...	Measure	Data_Valu...	DataValu...	Data_Valu...
Chicago	City	BRFSS	Unhealth...	1714000	Obesity amon...	%	AgeAdjPrv	Age-adjusted ...
Chicago	Census Tract	BRFSS	Unhealth...	1714000...	Obesity amon...	%	CrdrPrv	Crude prevale...

Filter

StateAbbr is

IL

CityName is

chicago

With the following base filters

Category is Unhealthy Behaviors

and

MeasureId is OBESITY

Showing Rows 1-50 out of 799

→ The crude and age-adjusted prevalence estimates are returned for our specified search criteria

→ In the 'Filter' fields, we specify IL and Chicago for our state and city

500 Cities: Obesity among adults aged >=18 years

Based on [500 Cities: Obesity among adults aged >=18 years](#)

2015. Data were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. The project was funded by the

City...	Geograp...	Data...	Cate...	Uniq...	Measure	Data_Valu...	DataValu...	Data_Valu...
Chicago	City	BRFSS	Unhealth...	1714000	Obesity amon...	%	AgeAdjPrv	Age-adjusted ...
Chicago	Census Tract	BRFSS	Unhealth...	1714000...	Obesity amon...	%	CrdrPrv	Crude prevale...

Export

SODA API

OData

Print

Download

Download a copy of this dataset in a static format

CSV for Excel

CSV for Excel (Europe)

JSON

RDF

RSS

TSV for Excel

XML

→ In the 'Export' tab, we can also download the dataset in different formats

→ In this example, we selected to export the dataset as a CSV for Excel

Year	StateAbbr	StateDesc	CityName	Geograph	DataSourc	Category	UniqueID	Measure	Data_Valu	DataValue	Data_Valu	Data_Valu	Data_Valu	Data_Valu	Low_Conf	Hig
2015	IL	Illinois	Chicago	City	BRFSS	Unhealthy	1714000	Obesity ar%	AgeAdjPrv	Age-adjusted ...	34.2				34.1	
2015	IL	Illinois	Chicago	City	BRFSS	Unhealthy	1714000	Obesity ar%	CrdrPrv	Crude prevale...	33.5				34.4	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	36.1				34.7	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	37.5				36.5	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	35.9				34.7	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	32.9				31.7	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	24.5				23.2	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	32				30.8	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	31.6				30.3	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	26.7				25.4	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	30.9				29.6	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	32.4				31.5	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	36.4				35	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	32.2				31.1	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	26.7				25.6	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	23.4				22.1	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	28.4				27.1	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	30.9				29.7	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	31.3				30.4	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	28.3				27.2	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	28.4				27.3	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	25.6				24.4	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	26.5				25.5	
2015	IL	Illinois	Chicago	Census Tr	BRFSS	Unhealthy	1714000-1	Obesity ar%	CrdrPrv	Crude prevale...	28.6				27.6	

500_Cities_Obesity_among_adult

READY

100%

➤ Map Books – overview of fields

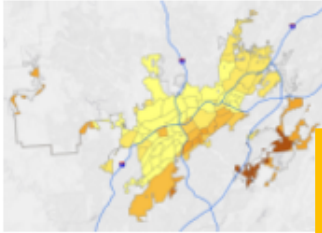
The screenshot shows the 500 Cities Data Portal interface. It features several sections: 'View data by measure' with dropdowns for 'Category' and 'Measure'; 'Compare Cities Report' with a 'City' dropdown set to 'Chino Hills, CA'; 'Download the 500 Cities Data' with a link to the '500 Cities Data Portal'; 'Related Links' with a list of webinars and programs; and 'Local Data Widget' with a description of its functionality. A red arrow points to the 'Download Maps for All Measures by City (PDF)' section, which is highlighted with a red box. This section includes a map of the United States and a 'Select one' dropdown menu for choosing a state, with a 'View map books' button below it.

500 Cities: Local Data for Better Health

This screenshot shows the 500 Cities website navigation menu on the left, with 'Map Books' selected. The main content area is titled 'Map Books' and includes social media icons for Facebook, Twitter, and a plus sign. Below this is the heading 'Download Maps for All Measures by City (PDF)' and the instruction 'Select a state to view available city map books.' A list of state abbreviations is provided: [A](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) |. The 'A' link is expanded to show a dropdown menu for the state of Alabama. A red box highlights the 'Map Books' section and the state selection process. A red callout box points to the Alabama dropdown menu with the text: '→ Users must first select the state and city of interest. Each map book contains a listing of unhealthy behaviors, health outcomes, and use of preventive services available in PDF'. Below the Alabama dropdown, a list of map books for Alabama is shown, including 'Birmingham, AL' (PDF-28.7M), 'Hoover, AL' (PDF-30MB), 'Huntsville, AL' (PDF-32.9MB), 'Mobile, AL' (PDF-27.1MB), 'Montgomery, AL' (PDF-30.2M), and 'Tuscaloosa, AL' (PDF-41.5MB). Other states like Alaska, Arizona, and Arkansas are also visible in the dropdown menu.

➤ Map Books – example

Download Maps for All Measures by City (PDF)



Select a state to view map books for available cities. Each map book contains census tract data for all 28 measures for one city.

Illinois

View map books

→ In this example, we want to look at coronary heart disease prevalence estimates among adults in Chicago

▼ Illinois

[Arlington Heights, IL](#) [PDF-25MB]

[Aurora, IL](#) [PDF-27.3MB]

[Bloomington, IL](#) [PDF-28.3MB]

[Bolingbrook, IL](#) [PDF-18.4MB]

[Chicago, IL](#) [PDF-52.4MB]

[Chicago, IL](#) [PDF-52.4MB]

[Chicago, IL](#) [PDF-52.4MB]

[Decatur, IL](#) [PDF-32.3MB]

[Elgin, IL](#) [PDF-25MB]

[Evanston, IL](#) [PDF-16.2MB]

[Joliet, IL](#) [PDF-37MB]

[Naperville, IL](#) [PDF-31.2MB]

[Palatine, IL](#) [PDF-15.3MB]

[Peoria, IL](#) [PDF-30.3MB]

[Rockford, IL](#) [PDF-32.9MB]

[Schaumburg, IL](#) [PDF-16.8MB]

[Springfield, IL](#) [PDF-42.8MB]

[Waukegan, IL](#) [PDF-23.6MB]

→ We first select Illinois and then click on the map book for Chicago

➤ Map Books – example output

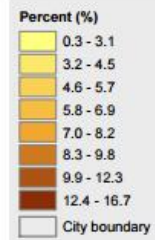
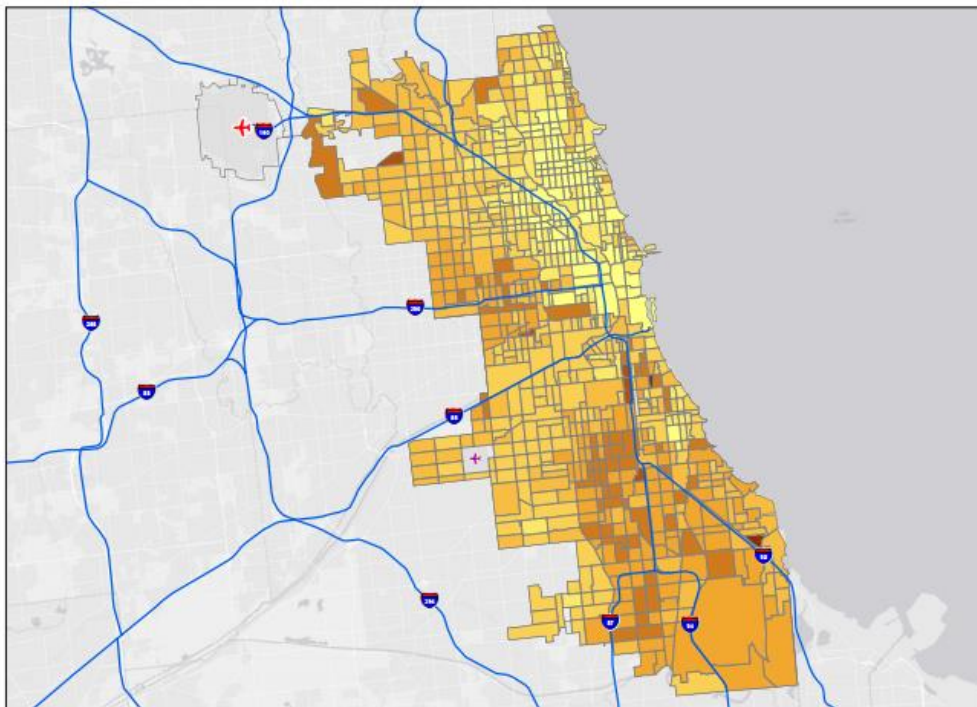
Measure	Crude			Age-Adjusted			State Age-Adjusted	US Age-Adjusted
	Prevalence	Low 95% CI	High 95% CI	Prevalence	Low 95% CI	High 95% CI	Prevalence	Prevalence
Chicago IL								
Binge drinking prevalence among adults aged >=18 years				18.7	18.8		20.9	16.8
Current smoking among adults aged >=18 years				19.0	19.2		16.7	17.7
No leisure-time physical activity among adults aged >=18 years				27.5	27.7		23.6	23.3
Obesity among adults aged >=18 years				31.3	31.4		29.2	28.7
Sleeping less than 7 hours among adults aged >=18 years				37.3	37.4		34.4	35.1
Arthritis among adults aged >=18 years				24.1	24.2		23.7	23.5
Current asthma prevalence among adults aged >=18 years				10.2	10.2		9.1	8.8
High blood pressure among adults aged >=18 years				31.5	31.6		28.7	30.2
High cholesterol among adults aged >=18 years who have been screened 5 years				31.5	31.6		32.1	33.2
Cancer among adults aged >=18 years				5.3	5.3		4.8	5.9
Diagnosed diabetes among adults aged >=18 years	11.2	11.2	11.2	12.4	12.3	12.4	9.4	9.4
Chronic kidney disease among adults aged >=18 years	2.8	2.7	2.8	3.0	3.0	3.0	2.6	2.6
Coronary heart disease among adults aged >=18 years	5.3	5.3	5.4	6.0	6.0	6.1	5.3	6.0
Mental health not good for >=14 days among adults aged >=18 years	12.3	12.2	12.3	12.1	12.0	12.2	10.5	11.5
Physical health not good for >=14 days among adults aged >=18 years	12.8	12.7	12.9	13.5	13.4	13.5	11.2	11.6
All teeth lost among adults aged >=65 years	18.5	18.2	18.7	18.5	18.2	18.7	17.0	15.4
Current lack of health insurance among adults aged 18-64 years	18.8	18.6	19.0	18.6	18.6	18.9	14.7	14.9
Visits to doctor for routine checkup within the past year among adults aged >=18 years	69.9	69.9	69.9	70.0	70.0	70.0	68.1	68.7
Visits to dentist or dental clinic among adults aged >=18 years	56.2	56.2	56.2	56.5	56.5	56.5	63.6	64.1
Taking medicine for high blood pressure control among adults aged >=18 years with high blood pressure	62.8	62.8	62.8	62.9	62.9	62.9	59.9	58.2

➔ Each map book contains a table of values

➔ In this example, we locate the estimates for our topic of interest: coronary heart disease

➔ We scroll down and locate our map depicting coronary heart disease among adults in Chicago by census tract

Coronary heart disease among adults aged 18-64 years by census tract, Chicago, IL, 2014



Classification:
Jenks natural breaks (9 classes) based on data for all 500 cities' census tracts. Legend depicts only those data classes within this map extent.

Census tracts with population less than 50 were excluded from the map.



Data sources:
CDC BRFSS 2014, US Census Bureau 2010 Census, ACS 2010-2014.

