

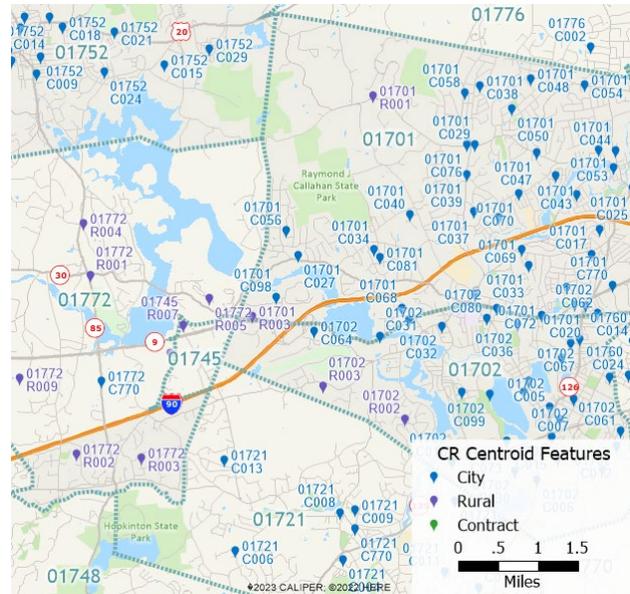
Caliper Carrier Route Centroid Data

USPS Carrier Route Centroids are Now Available for Maptitude!

A point layer containing USPS carrier route centroids is available for free for users with the latest version of Maptitude. Don't have the latest version of Maptitude? [Purchase or upgrade to the latest version of Maptitude to use this premium data.](#)

This product includes a point layer of USPS carrier route centroids. These data are based on the USPS Carrier Route product and contain 247,897 total points across the US.

Maptitude includes a vast amount of business-critical data at no additional cost. Maptitude includes demographics, boundaries, streets, and the most accurate ZIP Code/postal boundaries available.



[Download the Carrier Route Data](#)
(Most recent version of Maptitude required)

[Buy/Upgrade Maptitude](#)
(Required to download the Carrier Route Data)

REQUIREMENTS:	Requires the most recent version of Maptitude and a USA Country Package.
USING THE LAYERS:	You can add this layer to a map by choosing Map>Layers , clicking Add Layer , browsing to the install folder, typically C:\ccData\USPS Carrier Route Centroids 2023, and choosing ccCarrierRouteCentroid.Cdf.
ABOUT THE DOWNLOAD:	The install codes and instructions for downloading are emailed after the shipping confirmation email. Download orders received after 3PM are usually processed the same business day, but may be processed on the next business day, excluding US federal holidays.

Data Dictionary

In addition to the latitude and longitude of each point, the CR Centroid layer consists of several demographic and other data fields:

Field Name	Definition
ZIP	The ZIP Code for each carrier route
Carrier Route ID	A 4-character code assigned to a mail delivery or collection route within a 5-digit ZIP Code. The first character of this identification is alphabetical, and the last three are numeric: R### = Rural Route C### = City Route H### = Contract Route
# Addresses Served	The number of addresses served by each carrier route
Type	The carrier route type, either Rural, City, or Contract
Businesses	Count of Businesses served by this carrier route
Residences	Count of Residences served by this carrier route
Median Income	Median household income of the carrier route
Median Age	Median age of persons in the carrier route
Age <20	Count of persons younger than age 20 in the carrier route
Age 20-24	Count of persons aged 20-24 in the carrier route
Age 25-34	Count of persons aged 25-34 in the carrier route
Age 35-44	Count of persons aged 35-44 in the carrier route
Age 45-54	Count of persons aged 45-54 in the carrier route
Age 55-64	Count of persons aged 55-64 in the carrier route
Age 65-74	Count of persons aged 65-74 in the carrier route
Age 75-84	Count of persons aged 75-84 in the carrier route
Age 85+	Count of persons older than age 85 in the carrier route
Average HH Size	Average number of persons per household in the carrier route

Tips and Tricks for Using the Carrier Route Centroid Layer

Downloading and Installing the Carrier Route Centroid Layer

The Carrier Route Centroid layer is available as a free download for users with the latest version of Maptitude and the US Country Package.

1. Download the data [from the Caliper Store](#).
2. Once the files are downloaded, click **OK**, and then click the **Install** button. Follow the prompts to install the layers.

3. To add the layer to a Maptitude map, open the map, choose **Map>Layers** or click  on the Standard toolbar, and click **Add Layer** in the Layers dialog box.
4. Browse for the folder where the downloaded data are located (typically C:\ccData\USPS Carrier Route Centroids 2023) and open the **ccCarrierRouteCentroid.cdf** file.
5. Maptitude adds the layer to the map. Close the layers dialog box to see the layer on the map. Note, you may have to zoom in or turn off autoscaling if your map scale is outside of the autoscale settings for this layer. You can turn off autoscaling in the Display Manager by right-clicking on a layer and choosing Show Layer or by clicking the red magnifying glass icon next to the layer.

Performing a Drive-Time & Radius Analysis Using the Carrier Route Centroid Layer

A common application for this layer is finding all of the carrier routes within a few miles, either driving distance or as the crow flies, of a point.

Drive-Time Analysis

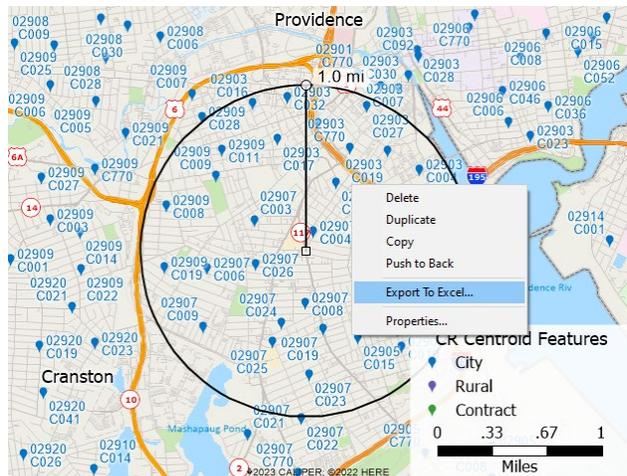
1. Choose **Tools>Routing and Directions>Drive-Time Rings**.
2. Choose  and click the location you'd like as the center of the drive-time ring.
3. Choose either Shortest or Fastest from the **Route type** drop-down, then enter the number of minutes or miles in the respective input field and click  to create the ring.
4. In the Display Manager, right click on the Drive-Time Rings layer and choose **Make Working Layer**.
5. On the Standard Toolbar, choose  to export the contents of the layer to Excel.

The resulting Excel workbook will have a sheet called **CR Centroid** which contains all of the carrier route centroids in the drive-time ring.

Radius Analysis

1. Choose  on the drawing toolbar.
2. Click the location on the map to serve as the center of the radius.
3. Enter the distance and choose the units for the size of the radius, then click **OK**.
4. Right click anywhere inside the circle and choose **Export to Excel**.

The resulting Excel workbook will have a sheet called **CR Centroid** which contains all of the carrier route centroids within the radius.

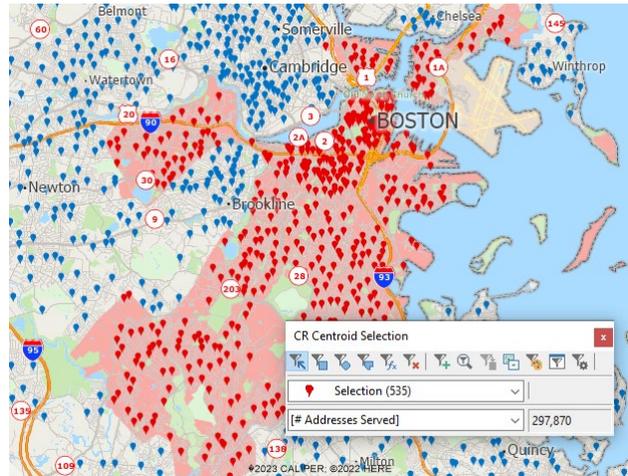


Finding the Number of Addresses Served by Carrier Routes in a City

Another use case for this layer could be to find the number of addresses that all carrier routes serve in a given city. In this example, we'll find the number of addresses served by carrier routes whose centroids are in Boston, MA.

1. In the Display Manager, right click on the **Census Place** layer and choose **Make Working Layer**.
2. Choose  on the Selection Toolbar, then click on Boston, MA on the map. Boston will be highlighted in red and added to the Selection set.
3. In the Display Manager, right click on the **CR Centroid** layer and choose **Make Working Layer**.

4. Choose **Selection>Select by Location** or use **Ctrl+Shift+L** to open the Select by Location dialog box.
 - a. Choose **Census Place** from the Layer drop-down list and **Selection** from the Selection Set drop-down list.
 - b. From the Select CR Centroid Features section, choose **Inside** from the drop-down list.
 - c. Click **OK**. CR Centroid points inside Boston, MA will be highlighted in red.
5. Click  on the Selection toolbar.
6. Check the **Show Running Total Fields** box and click **OK**.
7. Change the running total field on the Selection toolbar to **[# Addresses Served]**. The number of addresses served in this area will be shown in the Selection toolbar.



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