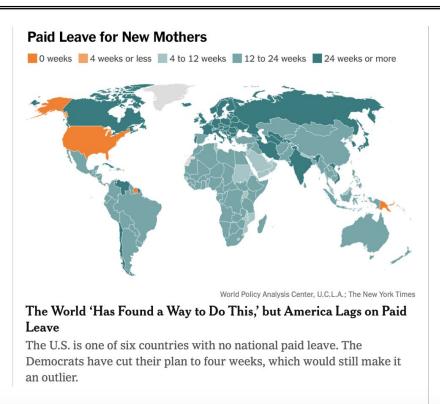
A Filled Map and a Dual-Axis Map

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While a symbol map draws a symbol at the intersection of each latitude and longitude pair, **filled maps** draw a polygon around the entire border.

How to Create a Filled Map.

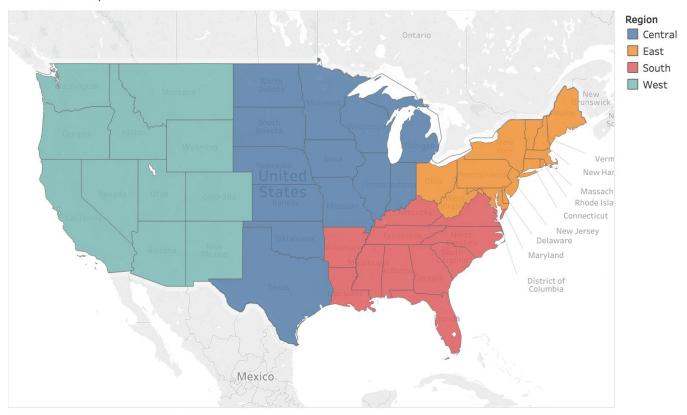
Double-click on **State** dimension to create a symbol map.

Change the Marks Type from Automatic to a Map.

Drag Region to a Color Marks Card.

Alternatively, you can also use the **Show Me** tab.

A Filled Map



 $\label{thm:continuous} \mbox{Map based on Longitude (generated) and Latitude (generated)}. \mbox{ Color shows details about Region. Details are shown for Country and State.}$

How to make a Dual-Axis Map.

Start by creating a symbol map of sales by city:

- Double click on the **State** Dimension
- Drag **Sales** to the **Size** Marks Card.

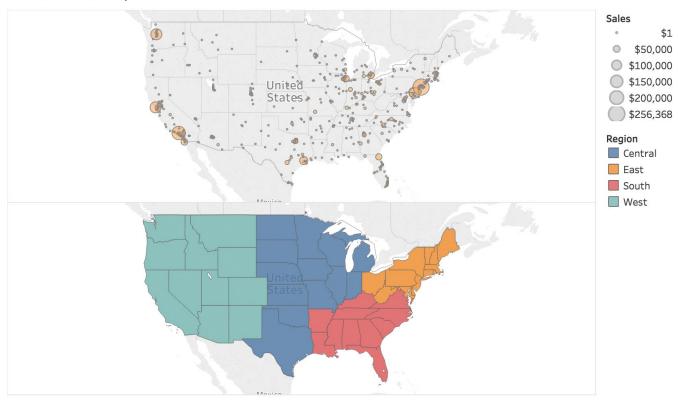
Create a second row by duplicating the Latitude row pill:

 On Windows: Control, On Mac: Command + click and drag the Latitude rows pill

Update the Marks Cards on a second map to turn in into the filled map:

- Detail Marks Card: <mark>State</mark>
- Color Marks Card: Region

A Dual-Axis Map



Map based on Longitude (generated) and Latitude (generated) and Latitude (generated). Details are shown for Country and State. For pane Latitude (generated): Size shows sum of Sales. Details are shown for Country, State and City. For pane Latitude (generated) (2): Color shows details about Region.

How to Combine the Maps

Right-Click the second Latitude pill and choose **Dual-Axis**.

