Visualization: GeoChart

Overview

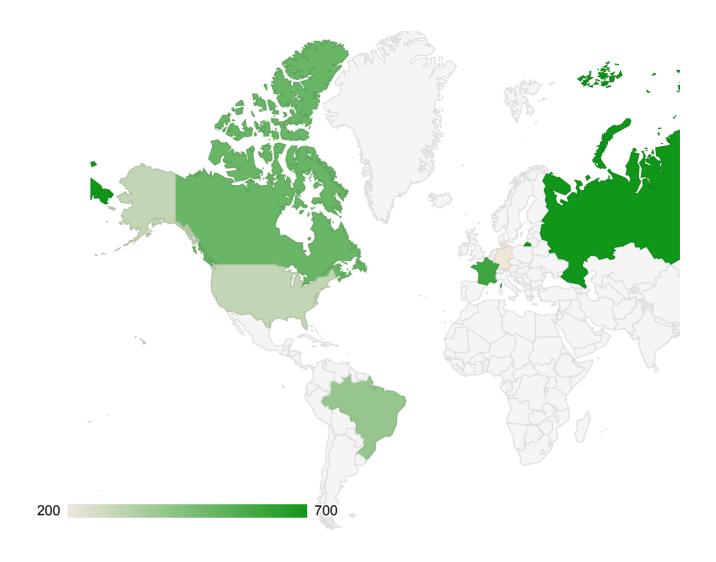
A *geochart* is a map of a country, a continent, or a region with areas identified in one of three ways:

- The **region** mode colors whole regions, such as countries, provinces, or states.
- The **markers** mode uses circles to designate regions that are scaled according to a value that you specify.
- The **text** mode labels the regions with identifiers (e.g., "Russia" or "Asia").

A geochart is rendered within the browser using <u>SVG</u> (http://www.w3.org/Graphics/SVG/) or <u>VML</u> (http://en.wikipedia.org/wiki/Vector_Markup_Language). Note that the geochart is not scrollable or draggable, and it's a line drawing rather than a terrain map; if you want any of that, consider a <u>map visualization</u> (//developers.google.com/chart/interactive/docs/gallery/map) instead.

Region GeoCharts

The regions style fills entire regions (typically countries) with colors corresponding to the values that you assign.



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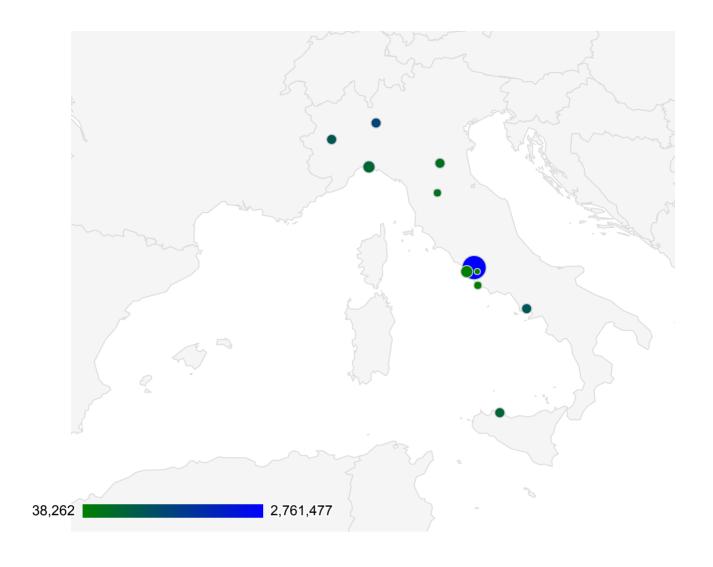
```
l);
  var options = {};

  var chart = new google.visualization.GeoChart(document.getElementById
        chart.draw(data, options);
    }
  </script>
  </head>
  <body>
        div id="regions_div" style="width: 900px; height: 500px;"></div>
        </body>
  </html>
```

Marker GeoCharts

The markers style renders circles at specified locations on the geochart, with the color and size that you specify.

Try hovering over the cluttered markers around Rome, and a magnifying glass will open to show the markers in more detail. (The magnifying glass is not supported in Internet Explorer version 8 or earlier.)



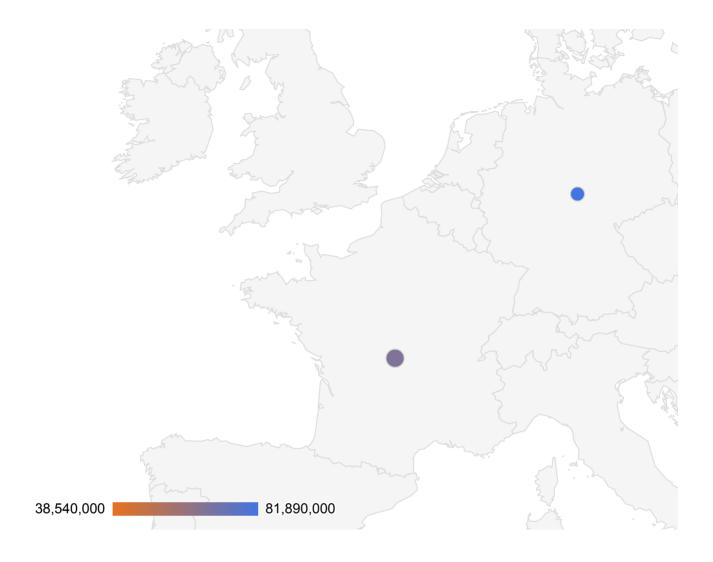
```
<html>
  <head>
    <script type='text/javascript' src='https://www.gstatic.com/charts/loader</pre>
    <script type='text/javascript'>
     google.charts.load('current', {'packages': ['geochart']});
     google.charts.setOnLoadCallback(drawMarkersMap);
      function drawMarkersMap() {
      var data = google.visualization.arrayToDataTable([
        ['City',
                    'Population', 'Area'],
        ['Rome',
                                   1285.31],
                       2761477,
        ['Milan',
                      1324110,
                                   181.76],
        ['Naples',
                                   117.27],
                       959574,
        ['Turin',
                       907563,
                                   130.17],
        ['Palermo',
                       655875,
                                   158.9],
        ['Genoa',
                       607906,
                                   243.60],
        ['Bologna',
                      380181,
                                   140.7],
        ['Florence',
                      371282,
                                   102.41],
        ['Fiumicino', 67370,
                                   213.44],
```

```
['Anzio', 52192,
                                  43.431.
        ['Ciampino', 38262,
                                  11]
     ]);
     var options = {
        region: 'IT',
       displayMode: 'markers',
       colorAxis: {colors: ['green', 'blue']}
      };
     var chart = new google.visualization.GeoChart(document.getElementById('
     chart.draw(data, options);
   };
   </script>
  </head>
 <body>
   <div id="chart_div" style="width: 900px; height: 500px;"></div>
 </body>
</html>
```

Displaying Proportional Markers

Normally, marker geocharts display the smallest marker value as a minimal point. If you instead want to display proportional marker values (say, because they're percentages), use the sizeAxis option to set minValue and maxValue explicitly.

For instance, here's a map of western Europe with populations and areas for three countries: France, Germany, and Poland. The populations are all absolute numbers (e.g., 65 million for France) but the areas are all percentages of the whole: the France marker is colored violet because it's population is middling, but is sized 50 (out of a possible 100) because it contains 50% of the combined area.

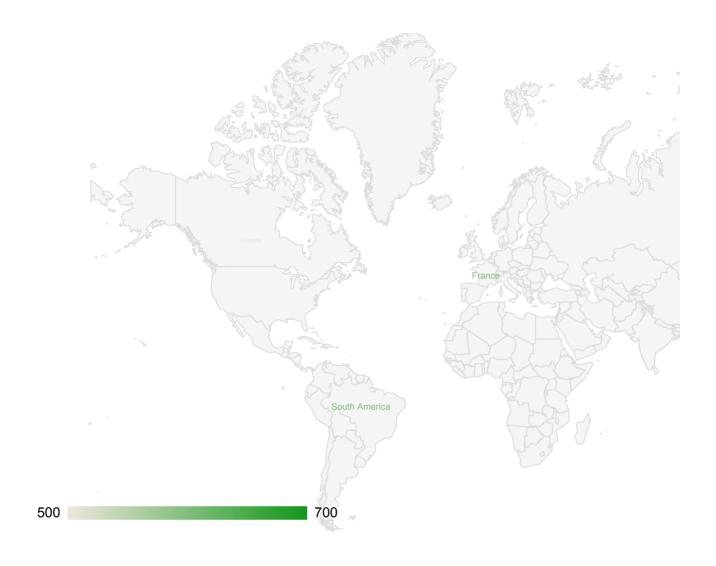


In this code, we use sizeAxis to specify marker sizes in the range from 0 to 100. We also use a colorAxis with RGB values to show the populations as a range of colors from orange to blue, a spectrum that will work well for users with color vision deficiencies. Finally, we specify western Europe with a region of 155, per the "Content Hierarchy and Codes" section later in this document.

```
['Poland', 38540000, 23]
     ]);
      var options = {
       sizeAxis: { minValue: 0, maxValue: 100 },
        region: '155', // Western Europe
       displayMode: 'markers',
       colorAxis: {colors: ['#e7711c', '#4374e0']} // orange to blue
      };
      var chart = new google.visualization.GeoChart(document.getElementById('
     chart.draw(data, options);
   };
   </script>
  </head>
 <body>
    <div id="chart_div" style="width: 900px; height: 500px;"></div>
  </body>
</html>
```

Text GeoCharts

You can overlay text labels onto a geochart with displayMode: text.



```
DATA & OPTIONS     FULL HTML

var data = google.visualization.arrayToDataTable([
    ['Country', 'Popularity'],
    ['South America', 600],
    ['Canada', 500],
    ['France', 600],
    ['Russia', 700],
    ['Australia', 600]
]);

var options = { displayMode: 'text' };
```

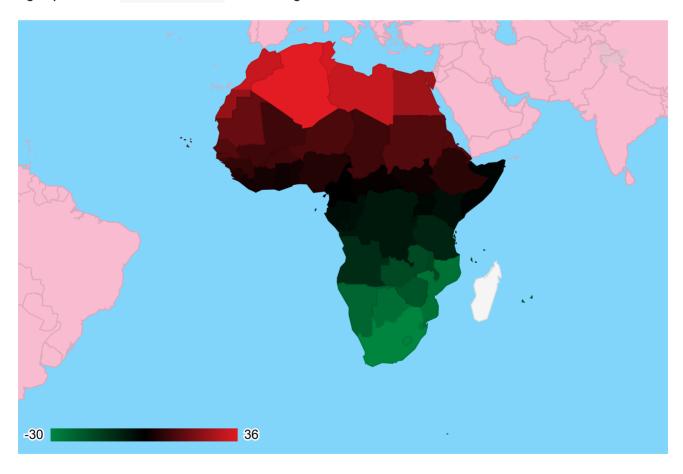
Coloring your chart

There are several options for customizing the colors of GeoCharts:

- colorAxis: the spectrum of colors to use for the regions in the datatable.
- backgroundColor: the background color for the chart.
- datalessRegionColor: the color to assign to regions with no associated data.
- defaultColor: the color to assign to regions in the datatable for which the value is either null or unspecified.

The colorAxis option is the important one: it specifies the range of colors for your data values. In the colorAxis array, the first element is the color given to the smallest value in your dataset, and the last element is the color given to the largest value in your dataset. If you specify more than two colors, interpolation will occur between them.

In the following chart, we'll use all four options. The colorAxis is used to display Africa with the colors of the pan-African flag, using the latitudes of the countries: from red in the north, through black, to green in the south. The backgroundColor option is used to color the background a light blue, datalessRegionColor to color the non-African countries a light pink, and defaultColor for Madagascar.



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OPTIONS FULL WEB PAGE var options = { region: '002', // Africa colorAxis: {colors: ['#00853f', 'black', '#e31b23']}, backgroundColor: '#81d4fa', datalessRegionColor: '#f8bbd0', defaultColor: '#f5f5f5', };

Loading

The google.charts.load package name is "geochart".

```
google.charts.load('current', {'packages': ['geochart']});
```

The geochart visualization class name is google.visualization.GeoChart.

```
var visualization = new google.visualization.GeoChart(container);
```

Data format

The format of the DataTable varies depending on which display mode that you use: regions, markers, or text.

Regions mode format

The location is entered in one column, plus one optional column as described here:

- 1. **Region location** [String, Required] A region to highlight. All of following formats are accepted. You can use different formats in different rows:
 - A country name as a string (for example, "England"), or an uppercase <u>ISO-3166-1</u> <u>alpha-2</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2) code or its English text equivalent (for example, "GB" or "United Kingdom").
 - An uppercase <u>ISO-3166-2</u> (http://en.wikipedia.org/wiki/ISO_3166-2) region code name or its English text equivalent (for example, "US-NJ" or "New Jersey").
 - A <u>metropolitan area code</u>
 (//developers.google.com/adwords/api/docs/appendix/metrocodes). These are three

digit metro codes used to designate various regions; US codes only supported. Note that these are *not* the same as telephone area codes.

- Any value supported by the region property.
- 2. Region color [Number, Optional] An optional numeric column used to assign a color to this region, based on the scale specified in the colorAxis.colors property. If this column is not present, all regions will be the same color. If the column is present, null values are not allowed. Values are scaled relative to the sizeAxis.minValue/sizeAxis.maxValue values, or to the values specified in the colorAxis.values property, if provided.

Markers mode format

The number of columns varies depending on the marker format used, as well as other optional columns.

Marker location [Required]
 The first column is a specific string address (for example, "1600 Pennsylvania Ave").

 OR

The **first two columns** are numeric, where the first column is the latitude, and the second column is the longitude.



Note: Although we recommend ISO 3166 codes to be used for 'regions' mode, 'markers' mode works best with longer names for regions (like Germany, Panama, etc). This is because geocharts, when in 'markers' mode, uses <u>Google Maps</u> (//developers.google.com/maps) for geocoding the locations (converting a string location to a latitude and longitude). This may result in ambiguous locations not getting geocoded as you might expect; such as 'DE' standing for Germany or Delaware, or 'PA' standing for Panama or Pennsylvania.

- Marker color [Number, Optional] The next column is an optional numeric column used
 to assign a color to this marker, based on the scale specified in the
 colorAxis.colors property. If this column is not present, all markers will be the
 same color. If the column is present, null values are not allowed. Values are scaled
 relative to each other, or absolutely to values specified in the colorAxis.values
 property.
- Marker size [Number, Optional] An optional numeric column used to assign the marker size, relative to the other marker sizes. If this column is not present, the value from the previous column will be used (or default size, if no color column is provided as well). If the column is present, null values are not allowed.

Text mode format

The label is entered in the first column, plus one optional column:

- **Text label** [String, Required] A specific string address (for example, "1600 Pennsylvania Ave").
- **Text size** [Number, Optional] The second column is an optional numeric column used to assign the size of the label. If this column is not present, all labels will be the same size.

Configuration options

| Name | |
|-----------------------------|---|
| backgroundColor | The background color for the main area of the chart. Can be either a simple HTML color string, for example: 'red' or '#00cc00', or an object with the following properties. Type: string or object Default: white |
| backgroundColor.fill | The chart fill color, as an HTML color string. Type: string Default: white |
| backgroundColor.stroke | The color of the chart border, as an HTML color string. Type: string Default: '#666' |
| backgroundColor.strokeWidth | The border width, in pixels. Type: number Default: 0 |
| colorAxis | An object that specifies a mapping between color column values and colors or a gradient scale. To specify properties of this object, you can use object literal notation, as shown here: |
| | <pre>{minValue: 0, colors: ['#FF0000', '#00FF00']} Type: object Default: null</pre> |
| | |

| colorAxis.minValue | If present, specifies a minimum value for chart color data. Color data values of this value and lower will be rendered as the first color in the colorAxis.colors range. Type: number Default: Minimum value of color column in chart data |
|---------------------|--|
| colorAxis.maxValue | If present, specifies a maximum value for chart color data. Color data values of this value and higher will be rendered as the last color in the colorAxis.colors range. Type: number Default: Maximum value of color column in chart data |
| colorAxis.values | If present, controls how values are associated with colors. Each value is associated with the corresponding color in the colorAxis.colors array. These values apply to the chart color data. Coloring is done according to a gradient of the values specified here. Not specifying a value for this option is equivalent to specifying [minValue, maxValue]. Type: array of numbers Default: null |
| colorAxis.colors | Colors to assign to values in the visualization. An array of strings, where each element is an HTML color string, for example: colorAxis: {colors:['red','#004411']}. You must have at least two values; the gradient will include all your values, plus calculated intermediary values, with the first color as the smallest value, and the last color as the highest. Type: array of color strings Default: null |
| datalessRegionColor | Color to assign to regions with no associated data. Type: string Default: '#F5F5F5' |
| defaultColor | The color to use when for data points in a geochart when the location (e.g., 'US') is present but the value is either null or unspecified. This is distinct from datalessRegionColor, which is the color used when data is missing. Type: string Default: '#267114' |
| displayMode | Which type of geochart this is. The DataTable format must match the value specified. The following values are supported: • 'auto' - Choose based on the format of the DataTable. |

| domain | 'regions' - Color the regions on the geochart. 'markers' - Place markers on the regions. 'text' - Label the regions with text from the DataTable. Type: string Default: 'auto' Show the geochart as though it were being served from this region. For instance, setting domain to 'IN' will display Kashmir as belonging to India rather than as a disputed territory. Type: string Default: null |
|---------------------------|---|
| enableRegionInteractivity | If true, enable region interactivity, including focus and tool-tip elaboration on mouse hover, and region selection and firing of regionClick and select events on mouse click. The default is true in region mode, and false in marker mode. Type: boolean Default: automatic |
| forcelFrame | Draws the chart inside an inline frame. (Note that on IE8, this option is ignored; all IE8 charts are drawn in i-frames.) Type: boolean Default: false |
| height | Height of the visualization, in pixels. The default height is 347 pixels, unless the width option is specified and keepAspectRatio is set to true - in which case the height is calculated accordingly. Type: number Default: auto |
| keepAspectRatio | If true, the geochart will be drawn at the largest size that can fit inside the chart area at its natural aspect ratio. If only one of the width and height options is specified, the other one will be calculated according to the aspect ratio. If false, the geochart will be stretched to the exact size of the chart as specified by the width and height options. Type: boolean Default: true |
| legend | An object with members to configure various aspects of the legend, or 'none', if no legend should appear. To specify properties of this object, you can use object literal notation, as shown here: |

| | <pre>{textStyle: {color: 'blue', fontSize: 16}}</pre> |
|---------------------|---|
| | Type: Object / 'none' Default: null |
| legend.numberFormat | A format string for numeric labels. This is a subset of the ICU pattern set (http://icu- project.org/apiref/icu4c/classDecimalFormat.html#_details) . For instance, {numberFormat:'.##'} will display values "10.66", "10.6", and "10.0" for values 10.666, 10.6, and 10. Type: string Default: auto |
| legend.textStyle | An object that specifies the legend text style. The object has this format: |
| | <pre>{ color: <string>, fontName: <string>, fontSize: <number>, bold: <boolean>, italic: <boolean> }</boolean></boolean></number></string></string></pre> |
| | The color can be any HTML color string, for example: 'red' or '#00cc00'. Also see fontName and fontSize. |
| | <pre>Type: object Default: {color: 'black', fontName: <global-font- name="">, fontSize: <global-font-size>}</global-font-size></global-font-></pre> |
| region | The area to display on the geochart. (Surrounding areas will be displayed as well.) Can be one of the following: |
| | • 'world' - A geochart of the entire world. |
| | A continent or a sub-continent, specified by its <u>3-digit code</u> (#Continent_Hierarchy), e.g., '011' for Western Africa. |
| | A country, specified by its <u>ISO 3166-1 alpha-2</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2) code, e.g., 'AU' for Australia. |
| | • A state in the United States, specified by its ISO 3166-2:US (http://en.wikipedia.org/wiki/ISO_3166-2:US) code, e.g., 'US-AL' for Alabama. Note that the resolution option must be set to either 'provinces' or 'metros'. |
| | Type: string Default: 'world' |

| magnifyingGlass | An object with members to configure various aspects of the magnifying glass. To specify properties of this object, you can use object literal notation, as shown here: |
|----------------------------|--|
| | {enable: true, zoomFactor: 7.5} |
| | Type: Object Default: {enable: true, zoomFactor: 5.0} |
| magnifyingGlass.enable | If true, when the user lingers over a cluttered marker, a magnifying glass will be opened. |
| | Note: this feature is not supported in browsers that do not support SVG (http://www.w3.org/Graphics/SVG/), i.e. Internet Explorer version 8 or earlier. |
| | Type: boolean Default: true |
| magnifyingGlass.zoomFactor | The zoom factor of the magnifying glass. Can be any number greater than 0. |
| | Type: number Default: 5.0 |
| markerOpacity | The opacity of the markers, where 0.0 is fully transparent and 1.0 is fully opaque. |
| | Type: number, 0.0–1.0 Default: 1.0 |
| resolution | The resolution of the geochart borders. Choose one of the following values: |
| | • 'countries' - Supported for all regions, except for US state regions. |
| | 'provinces' - Supported only for country regions and US state regions. Not supported for all countries; please test a country to see whether this option is supported. |
| | • 'metros' - Supported for the US country region and US state regions only. |
| | Type: string Default: 'countries' |
| sizeAxis | An object with members to configure how values are associated with bubble size. To specify properties of this object, you can use object literal notation, as shown here: |
| | {minValue: 0, maxSize: 20} |
| | |

| | Type: object Default: null |
|-------------------|---|
| sizeAxis.maxSize | Maximum radius of the largest possible bubble, in pixels. Type: number Default: 12 |
| sizeAxis.maxValue | The size value (as appears in the chart data) to be mapped to sizeAxis.maxSize. Larger values will be cropped to this value. Type: number Default: Maximum value of size column in chart data |
| sizeAxis.minSize | Mininum radius of the smallest possible bubble, in pixels. Type: number Default: 3 |
| sizeAxis.minValue | The size value (as appears in the chart data) to be mapped to sizeAxis.minSize. Smaller values will be cropped to this value. Type: number Default: Minimum value of size column in chart data |
| tooltip | An object with members to configure various tooltip elements. To specify properties of this object, you can use object literal notation, as shown here: |
| | <pre>{textStyle: {color: '#FF0000'}, showColorCode: true}</pre> |
| | Type: object Default: null |
| tooltip.textStyle | An object that specifies the tooltip text style. The object has this format: |
| | <pre>{ color: <string>, fontName: <string>, fontSize: <number>, bold: <boolean>, italic: <boolean> }</boolean></boolean></number></string></string></pre> |
| | The color can be any HTML color string, for example: 'red' or '#00cc00'. Also see fontName and fontSize. |
| | <pre>Type: object Default: {color: 'black', fontName: <global-font- name="">, fontSize: <global-font-size>}</global-font-size></global-font-></pre> |

| tooltip.trigger | The user interaction that causes the tooltip to be displayed: |
|-----------------|---|
| | • 'focus' - The tooltip will be displayed when the user hovers over the element. |
| | • 'none' - The tooltip will not be displayed. |
| | • 'selection' - The tooltip will be displayed when the user selects the element. |
| | Type: string Default: 'focus' |
| width | Width of the visualization, in pixels. The default width is 556 pixels, unless the height option is specified and keepAspectRatio is set to true - in which case the width is calculated accordingly. |
| | Type: number Default: auto |

Continent Hierarchy and Codes

It is possible to show geocharts of continents/sub-continents by setting the **region** option to one of the following 3-digit codes. The codes and the hierarchy are based, with some exceptions, on those developed and maintained by the <u>United Nations Statistics Division</u> (http://unstats.un.org/unsd/methods/m49/m49regin.htm).

| Continen | Sub- t Continen | Countries t |
|------------------------|-----------------------------------|--|
| 002 - Africa | 015 - Northern Africa | DZ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#DZ), EG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#EG), EH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#EH), LY (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LY), MA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MA), SD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SD), SS (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SS), TN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TN) |
| | 011 - Western Africa | BF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BF), BJ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BJ), CI (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CI), CV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CV), GH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GH), GM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GM), GN |

(http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GN), GW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GW), LR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LR), ML (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ML), MR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MR), NE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NE), NG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NG), SH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SH), SL (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SL), SN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SN), TG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TG) AO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AO), CD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CD), ZR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ZR), CF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CF), CG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CG), CM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CM), GA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GA), GQ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GQ), ST (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ST), TD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TD) BI (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BI), DJ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#DJ), ER (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ER), ET (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ET), KE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KE), KM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KM), MG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MG), MU (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MU), MW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MW), MZ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MZ), RE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#RE), RW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#RW), SC (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SC), SO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SO), TZ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TZ), UG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#UG), YT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#YT), ZM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ZM), ZW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ZW) BW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BW), LS Southern (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LS), NA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NA), SZ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SZ), ZA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ZA)

017 -

Middle

Africa

014 -

Eastern

Africa

018 -

Africa

150 -154 -GG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GG), JE Europe Northern (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JE), AX (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AX), DK Europe (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#DK), EE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#EE), FI (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#FI), FO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#FO), GB (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GB), IE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IE), IM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IM), IS (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IS), LT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LT), LV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LV), NO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NO), SE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SE), SJ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SJ) 155 -AT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AT), BE Western (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BE), CH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CH), DE Europe (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#DE), DD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#DD), FR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#FR), FX (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#FX), LI (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LI), LU (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LU), MC (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MC), NL (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NL) 151 -BG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BG), BY Eastern (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BY), CZ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CZ), HU Europe (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HU), MD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MD), PL (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PL), RO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#RO), RU (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#RU), SU (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SU), SK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SK), UA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#UA) 039 -AD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AD), AL Southern (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AL), BA Europe (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BA), ES (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#ES), GI (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GI), GR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GR), HR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HR), IT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IT), ME

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| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NI), <u>PA</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PA), <u>SV</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SV) |
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| 142 - Asia | 143 - | TM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TM), TJ |
| | Central | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TJ), KG |
| | Asia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KG), <u>KZ</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KZ), <u>UZ</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#UZ) |
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| | 030 - | <u>CN</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CN), <u>HK</u> |
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| | Eastern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> |
| | Eastern Asia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), <u>KR</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), <u>KR</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), <u>MN</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), <u>KR</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), <u>MN</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), <u>MO</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), <u>KR</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), <u>MN</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), <u>MO</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), <u>TW</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), <u>KR</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), <u>MN</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), <u>MO</u> |
| | | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), <u>JP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), <u>KP</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), <u>KR</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), <u>MN</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), <u>MO</u> (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), <u>TW</u> |
| | Asia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) |
| | Asia 034 - | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD |
| | Asia 034 - Southern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT |
| | Asia 034 - Southern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN |
| | Asia 034 - Southern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IN), IR |
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| | Asia 034 - Southern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IN), IR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV |
| | Asia 034 - Southern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IN), IR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MV), NP |
| | O34 - Southern Asia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PK) |
| | Asia 034 - Southern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NV), NP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NV), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PK) BN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), ID |
| | O34 - Southern Asia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MV), NP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PK) BN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), ID (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), ID (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), ID |
| | Asia 034 - Southern Asia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AF (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NV), NP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NV), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PK) BN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), ID |
| | O34 - Southern Asia O35 - South- Eastern | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#HK), JP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JP), KP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KP), KR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KR), MN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MN), MO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MO), TW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TW) AE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AF), BD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BD), BT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BT), IN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IN), IR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IR), LK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LK), MV (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NP), PK (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PK) BN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PK) BN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), ID (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), LA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BN), LA |

(http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BU), MY (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MY), PH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PH), SG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SG), TH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TH), TL (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TL), TP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TP), VN (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#VN) 145 -AE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AE), AM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AM), AZ Western Asia (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AZ), BH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#BH), CY (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CY), GE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GE), IL (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IL), IQ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#IQ), JO (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#JO), KW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KW), LB (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#LB), OM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#OM), PS (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PS), QA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#QA), SA (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SA), NT (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NT), SY (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SY), TR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TR), YE (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#YE), YD (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#YD) 009 -053 -AU (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AU), NF Oceania (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NF), NZ Australia and New (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NZ) Zealand 054 -FJ (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#FJ), NC Melanesia (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NC), PG (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PG), SB (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#SB), VU (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#VU) 057 -FM (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#FM), GU Micronesia (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#GU), KI (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#KI), MH (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MH), MP (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#MP), NR (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NR), PW (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PW)

| 061 - | AS (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#AS), CK |
|-----------|---|
| Polynesia | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#CK), <u>NU</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#NU), <u>PF</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PF), <u>PN</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#PN), <u>TK</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TK), <u>TO</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TO), <u>TV</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#TV), <u>WF</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#WF), <u>WS</u> |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#WS) |
| | (http://en.wikipedia.org/wiki/ISO_3166-1_alpha-2#WS) |

Methods

| Method | |
|--------------------------|---|
| clearChart() | Clears the chart, and releases all of its allocated resources. |
| | Return Type: none |
| draw(data, options) | Draws the chart. The chart accepts further method calls only after the (#Events)event is fired. Extended description (https://developers.google.com/chart/interactive/docs/reference#viseReturn Type: none |
| <pre>getImageURI()</pre> | Returns the chart serialized as an image URI. |
| | Call this <i>after</i> the chart is drawn. |
| | See Printing PNG Charts (https://developers.google.com/chart/interactive/decs/printing) |
| | (https://developers.google.com/chart/interactive/docs/printing). Return Type: string |
| getSelection() | Returns an array of the selected chart entities. Selectable entities are rean assigned value. For this chart, only one entity can be selected at any moment. Extended description (https://developers.google.com/chart/interactive/docs/reference#vise. |
| | Return Type: Array of selection elements |
| setSelection() | Selects the specified chart entities. Cancels any previous selection. Se entities are regions with an assigned value. For this chart, only one ent selected at a time. Extended description (https://developers.google.com/chart/interactive/docs/reference#vis |

Return Type: none

Events

| Name | |
|-------------|--|
| error | Fired when an error occurs when attempting to render the chart. Properties: id, message |
| ready | The chart is ready for external method calls. If you want to interact with the chart, and call methods after you draw it, you should set up a listener for this event <i>before</i> you call the draw method, and call them only after the event was fired. Properties: none |
| regionClick | Called when a region is clicked. This will not be thrown for the specific country assigned in the 'region' option (if a specific country was listed). Properties: An object with a single property, region, that is a string in ISO-3166 format describing the region clicked. |
| select | Fired when the user clicks a visual entity. To learn what has been selected, call <pre>getSelection()</pre> (#Methods). Properties: none |

Data policy

Locations are geocoded by Google Maps. Any data that does not require geocoding is not sent to any server. Please see the <u>Google Maps Terms of Service</u> (https://developers.google.com/maps/terms) for more information on their data policy.

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