Median Family Income over 1 year
San Bernardino County

Inyo

Inland Empire

0   20 Miles

Scale: 1:1,200,000

Kern

Searles
Valley

Newberry
Springs-Baker

Barstow

San
Bernardino

Los
Angeles

Needles

Victorville-Hesperia

Lake
Arrowhead

Mount
Baldy-Wrightwood

Big Bear

Twentynine
Palms-Yucca
Valley

San
Bernardino

Yucaipa

Ontario

Riverside

Orange

Median Family Income over 1 year

	< $42,000 / year
	$42,000 - $64,000
	$64,000 - $86,000
	$86,000 - $120,000
	> $120,000 / year

0   10   20   40 Miles

Scale: 1:1,700,000

San Diego

Imperial

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UCLA GEOG XL 7
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<div align="center">Unit 1 - San Bernardino County Map</div>

The first step in symbolizing this map was creating greater divisions (namely, census tracts) in the county of interest (San Bernardino), and limiting the complexity of surrounding counties. I symbolized San Bernardino County's tracts with a thin white outline and graduated colors, whose details I will explain below. The neighboring counties in California and in other states are symbolized with the same white outline and with light and dark green fill, respectively. This color difference establishes the figure ground. Major roads for the state have been included for geographic bearing.

Each of the surrounding California counties are labeled with spaced out text. Within San Bernardino County, I included a transparent layer of sub-county areas, and labeled these "polygons" accordingly. The smaller labels thus represent sub-counties and not cities.

The shapefiles and attributes for each of these map features were extracted from the U.S. Census TIGER/Line database. The data visualized for S.B. County was taken from the Census Bureau's database as well.

The graduated colors in S.B. County's tracts display the tracts' median family income over a one year period. A table join was used to attach this census data to the tract geometry in the map. I used a Jenks natural breaks classification to label the data, though I rounded the numbers off manually.

Because I felt the regional labels were essential to deciphering the expanse of the non-Inland Empire portion of S.B. County, I decided to create an inset map. I left the sub-county labels on the main map where they do little obstruction to large desert tracts, while largely blocking the data visualized for the Inland Empire. To remedy this, I placed a larger scale inset map of the Inland Empire devoid of any labels in the northeast corner of the map (in presumably irrelevant Nevada). In retrospect, labels of areas even smaller than the sub-counties would have been appropriate for this inset map; note that areas of concentrated high income are Redlands/Yucaipa in the east, Rancho Cucamonga in the center west, and Chino/Chino Hills in the southwest corner.