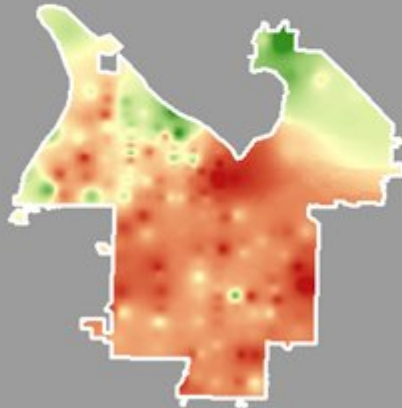


Tacoma Median Income & Children Density



Tacoma Median Income
Value
High : \$139,374
Low : \$11,658.7

GIS - Community Planning Tool

ArcMap provides a look into the city at many views and angles. ArcScene allows you to add depth to these views using 3D modeling. This is done by exaggerating the vertical dimensions of your layers using the ArcScene properties settings. See figure 1.

Creating a 3D model of the city's demographic gives you a visual of the peaks and valleys, giving planners a new view on the city. An analysis was done to compare Tacoma's median income with the populations density of children 10 and under. Tacoma's neighborhood boundaries were added as well. One could use this process to add other layers as well to identify there is a correlations to income and or children.

Utilizing these GIS tools allows Tacoma City Officials to look at the city with a "new perspective on the social fabric of their city." (Lund)

Tacoma's Neighborhood The Social Fabric in 3D

Layer Properties

General Source Extent Display Symbology Base Heights Rendering

Elevation from surfaces

☐ No elevation values from a surface

☒ Floating on a custom surface:

C:\GIS CERT\GIS_414_6\Kuitz\Kuitz_6\series_K6\data_K6\lab10_Lab6_Good.gdb\Tac6dDx

Raster Resolution...

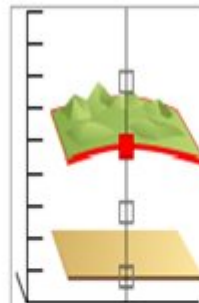
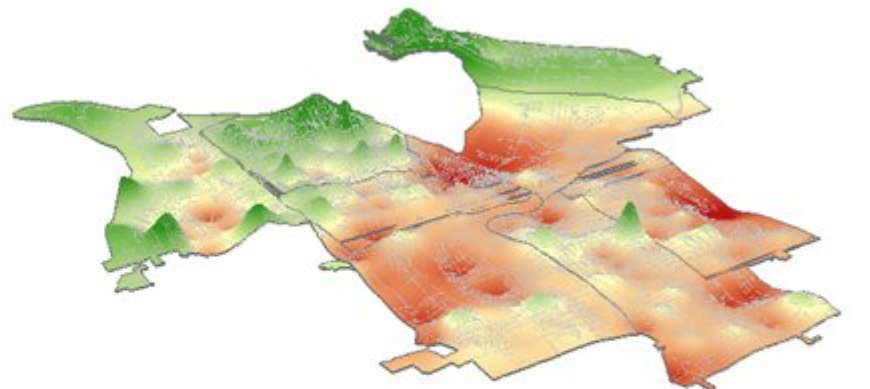


Figure1.



Author: Amy Boucher

Date: 4/10/2017

Coordinate System :NAD1983 StatePlane WA.S.FIP 5 4602 Feet

Projection: Lambert Conformal Conic

Data Sources: US Census, GIS 414 Lab6

