Project 4 Peer Review

Visual Design				
Visual Channels — What visual channels were used to encode data?	☐ Position ☐ Curvature ☐ Area ☐ Color Hue ☐ Depth ☐ Shape ☐ Volume ☐ Texture ☐ Angle ☐ Length ☐ Luminance/ Saturation ☐ Motion/ Animation			
	Comments:			

Intended/Unintended Encodings — Do all of the visual encoding appear to be intended, or were some accidentally created?	☐ Many Unintended	☐	☐ Few Unintended	☐	☐ All Intended
	Comments:				

Expressiveness of Encodings — Are the visual encodings attached to the correct type of data for that encoding (i.e. are quantitative data attached to quantitative encodings and categorical data to categorical encodings)?	☐ Many Errors	☐	☐ Few Errors	☐	☐ Correctly Assigned
	Comments:				

Effectiveness of Encodings — Have the maximally effective visual encodings been selected in all cases?	☐ Many Ineffective	☐	☐ Few Ineffective	☐	☐ Most Effective
	Comments:				

Effective Use of Color — Is color used in a same fashion? Do the colors chosen and the application of those colors make the visualization effective?	☐ Mostly Ineffective	☐	☐ None Used	☐	☐ Highly Effective
	Comments:				

Design Considerations					
Clear, Detailed, and Thorough Labeling — Is appropriate and complete labeling used throughout or do missing labels require assumptions about the data?	☐ No labels	☐	☐ Some Missing labels	☐	☐ Completely labeled
	Comments:				

Missing Scales — Are scales provided for the data?	☐ No Scales	☐	☐ Some Missing Scales	☐	☐ All Scales Present
	Comments:				

Missing Legend — Is a legend provided for the data? Does the legend provide useful information?	☐ No Legend	☐	☐ Incomplete Legend	☐	☐ Complete Legend
	Comments:				

Design Considerations (cont.)

Scale Distortion — Is any scale distortion or deception used in the visualization?	☐ Severe Distortion	☐	☐ Minor Distortion	☐	☐ No Distortion
	Comments:				

Lie Factor — Is there any lie factor? How extreme is the lie factor?	☐ Major Lie	☐	☐ Minor Lie	☐	☐ No Lie
	Comments:				

Data/Ink Ratio — Is the data to ink ratio reasonable? Could it be more efficient?	Way Too ☐ Little / ☐ Much Ink	☐	Slightly Too ☐ Little / ☐ Much Ink	☐	☐ Perfect Amount of Ink
	Comments:				

Chart Junk, Embellishments, Aesthetics — Are appropriate embellishments used? Are the embellishments distracting? Do the embellishments add to the visualization?	Way Too ☐ Few / ☐ Many Embellishments	☐	A Bit Too ☐ Few / ☐ Many Embellishments	☐	☐ Perfect Number of Embellishments
	Comments:				

Data Density — Has too much data been included in the visualization making interpretation difficult?	☐ Too Sparse	☐	☐ Expected	☐	☐ Too Dense
	Comments:				

Gestalt Principals — Have Gestalt principals been used to improve analysis?	☐ No Gestalt Principals	☐	☐ Some Gestalt Principals	☐	☐ Many Gestalt Principals
	Comments:				

Interaction Design

Interaction Selection — What interaction mechanisms are being used?	☐ Linked Views ☐ Filtering ☐ Geometric Zoom ☐ Selection ☐ Aggregation ☐ Highlighting ☐ Semantic Zoom ☐ Pan/Translate ☐ Rotate
	Comments:

Interaction Effectiveness — Are the interactions provided highly effective? In other words, does the visualization react in a manner that makes it easy to use or capable of providing rich content?	☐ Missing Key Interactions	☐	☐ Expected	☐	☐ Better Than Expected
	Comments:				