

# Project 6 Peer Review

Visual Design					
<u>Visual Channels</u> — What visual channels were used to encode data?	<input type="checkbox"/> Position <input type="checkbox"/> Curvature <input type="checkbox"/> Area <input type="checkbox"/> Color Hue <input type="checkbox"/> Depth <input type="checkbox"/> Shape <input type="checkbox"/> Volume <input type="checkbox"/> Texture <input type="checkbox"/> Angle <input type="checkbox"/> Length <input type="checkbox"/> Luminance/Saturation <input type="checkbox"/> Motion/Animation				
	Comments:				
<u>Intended/Unintended Encodings</u> — Do all of the visual encoding appear to be intended, or were some accidentally created?	<input type="checkbox"/> Many Unintended	<input type="checkbox"/>	<input type="checkbox"/> Few Unintended	<input type="checkbox"/>	<input type="checkbox"/> All Intended
	Comments:				
<u>Expressiveness of Encodings</u> — 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)?	<input type="checkbox"/> Many Errors	<input type="checkbox"/>	<input type="checkbox"/> Few Errors	<input type="checkbox"/>	<input type="checkbox"/> Correctly Assigned
	Comments:				
<u>Effectiveness of Encodings</u> — Have the maximally effective visual encodings been selected in all cases?	<input type="checkbox"/> Many Ineffective	<input type="checkbox"/>	<input type="checkbox"/> Few Ineffective	<input type="checkbox"/>	<input type="checkbox"/> Most Effective
	Comments:				
<u>Effective Use of Color</u> — Is color used in a same fashion? Do the colors chosen and the application of those colors make the visualization effective?	<input type="checkbox"/> Mostly Ineffective	<input type="checkbox"/>	<input type="checkbox"/> None Used	<input type="checkbox"/>	<input type="checkbox"/> Highly Effective
	Comments:				

  

Design Considerations					
<u>Clear, Detailed, and Thorough Labeling</u> — Is appropriate and complete labeling used throughout or do missing labels require assumptions about the data?	<input type="checkbox"/> No labels	<input type="checkbox"/>	<input type="checkbox"/> Some Missing labels	<input type="checkbox"/>	<input type="checkbox"/> Completely labeled
	Comments:				
<u>Missing Scales</u> — Are scales provided for the data?	<input type="checkbox"/> No Scales	<input type="checkbox"/>	<input type="checkbox"/> Some Missing Scales	<input type="checkbox"/>	<input type="checkbox"/> All Scales Present
	Comments:				
<u>Missing Legend</u> — Is a legend provided for the data? Does the legend provide useful information?	<input type="checkbox"/> No Legend	<input type="checkbox"/>	<input type="checkbox"/> Incomplete Legend	<input type="checkbox"/>	<input type="checkbox"/> Complete Legend
	Comments:				

Design Considerations (cont.)				
<u>Scale Distortion</u> — Is any scale distortion or deception used in the visualization?	<input type="checkbox"/> Severe Distortion	<input type="checkbox"/>	<input type="checkbox"/> Minor Distortion	<input type="checkbox"/> No Distortion
	Comments:			
<u>Lie Factor</u> — Is there any lie factor? How extreme is the lie factor?	<input type="checkbox"/> Major Lie	<input type="checkbox"/>	<input type="checkbox"/> Minor Lie	<input type="checkbox"/> No Lie
	Comments:			
<u>Data/Ink Ratio</u> — Is the data to ink ratio reasonable? Could it be more efficient?	Way Too <input type="checkbox"/> Little / <input type="checkbox"/> Much Ink	<input type="checkbox"/>	Slightly Too <input type="checkbox"/> Little / <input type="checkbox"/> Much Ink	<input type="checkbox"/> Perfect Amount of Ink
	Comments:			
<u>Chart Junk, Embellishments, Aesthetics</u> — Are appropriate embellishments used? Are the embellishments distracting? Do the embellishments add to the visualization?	Way Too <input type="checkbox"/> Few / <input type="checkbox"/> Many Embellishments	<input type="checkbox"/>	A Bit Too <input type="checkbox"/> Few / <input type="checkbox"/> Many Embellishments	<input type="checkbox"/> Perfect Number of Embellishments
	Comments:			
<u>Data Density</u> — Has too much data been included in the visualization making interpretation difficult?	<input type="checkbox"/> Too Sparse	<input type="checkbox"/>	<input type="checkbox"/> Expected	<input type="checkbox"/> Too Dense
	Comments:			
<u>Gestalt Principals</u> — Have Gestalt principals been used to improve analysis?	<input type="checkbox"/> No Gestalt Principals	<input type="checkbox"/>	<input type="checkbox"/> Some Gestalt Principals	<input type="checkbox"/> Many Gestalt Principals
	Comments:			

Interaction Design				
<u>Interaction Selection</u> — What interaction mechanisms are being used?	<input type="checkbox"/> Linked Views	<input type="checkbox"/> Filtering	<input type="checkbox"/> Geometric Zoom	
	<input type="checkbox"/> Selection	<input type="checkbox"/> Aggregation	<input type="checkbox"/> Pan/Translate	
<u>Interaction Effectiveness</u> — 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?	<input type="checkbox"/> Missing Key Interactions	<input type="checkbox"/>	<input type="checkbox"/> Expected	<input type="checkbox"/> Better Than Expected
	Comments:			