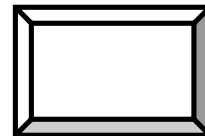


PROJECT #2 COMMUNICATING WITH GRAPHIC DISPLAYS

PART I: Difficulty of Display (60 points possible)

Combine Bar chart with Line graph (or other mixed forms)	60 points
Segmented bar chart with 5+ categories, 3+ subpopulations	57 points
Line graph/scatterplot with 3 or more sets of data	57 points
Clustered bar chart with 4+ categories, 3+ subpopulations	55 points
Segmented bar chart with 3-4 categories, 2 subpopulations	55 points
Line graph/scatterplot with 2 or more sets of data	52 points
Clustered Bar chart with 4+ categories, 2 subpopulations	52 points
Paired Pie, Bar or Donut graphs (3+categories, 2+ subpopulations)	48 points
Clustered Bar chart with 2-3 categories, 2 subpopulations	48 points
Segmented Bar chart with 5+ categories, one population	45 points
Pie or Bar chart with 5+ categories, one population	45 points
Pie or Bar chart with 3-4 categories, one population	42 points
Pie or Bar chart with 2 categories, one population	36 points

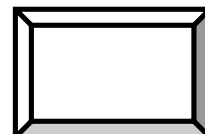
Note: Column charts are equivalent to bar charts for purposes of scoring.



Part II: Count How Many Values Transferred From Original Display (60 points possible)

First Three Data Values:	_____ X 10 points each	_____ points
Data Values Four – Six:	_____ X 4 points each	_____ points
Data Values Seven – Nine:	_____ X 3 points each	_____ points
Data Values Ten – Twelve:	_____ X 2 points each	_____ points
Data Values Over Twelve:	_____ X 1 point each	_____ points

TOTAL POINTS FOR QUANTITY OF DATA TRANSFERRED
(Maximum of 60 points)

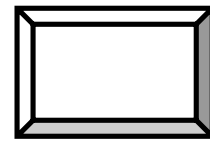


Part III Teacher Evaluation (120 possible)

Part three is an overall assessment by the instructor worth 150 points. It considers: the appropriateness of display type selected; the effectiveness of the display as a communication device; the degree to which the caption explains the most important changes and explains why these changes were an improvement from the original display; and the attention to detail and enhancements used in their one-page presentations (e.g. borders, frames, word art etc.). Part three of the evaluation does NOT consider the difficulty or complexity of the display undertaken. The letter grade can be viewed as mirroring the overall assessment of an employer if they were submitted this work.

These letter grades are converted to points as follows:

A+ = 120 points	A = 115 points	A- = 110 points
B+ = 106 points	B = 102 points	B- = 98 points
C+ = 94 points	C = 90 points	C- = 86 points
D+ = 82 points	D = 78 points	D- = 74 points



Part IV Student/Teacher Assistant Evaluation (60 points possible)

The student work is assembled into random groupings of ten displays each. Class periods are mixed, so each group of ten is likely to include displays from each period. Teacher assistants with knowledge of statistical graphics evaluate the student displays using the same guidelines as enumerated in Part C.

The student/teacher assistant teams rank each group of ten. They then apply scores as follows.


RANK	SCORE
1	60
2	58
3	56
4	54
5	52
6	50
7	48
8	46
9	44
10	42

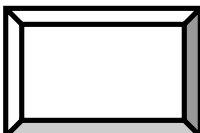


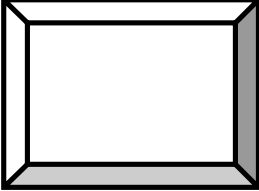
Student ID: _____ Period: _____ Last Name: _____ (Students Leave Blank)

Difficulty of Display
(60 points possible) 

Quantity of Data Transferred
(60 points possible) 

Teacher Evaluation
(120 points possible) 


Student/TA Evaluation
(60 points possible) 


TOTAL SCORE
(300 points possible) 

Student ID: _____ Period: _____ Last Name: _____ (Students Leave Blank)

Difficulty of Display
(60 points possible) 

Quantity of Data Transferred
(60 points possible) 

Teacher Evaluation
(120 points possible) 

Student/TA Evaluation
(60 points possible) 

TOTAL SCORE
(300 points possible) 