Your group will randomly be assigned one question from the baggies we all collected data for yesterday.
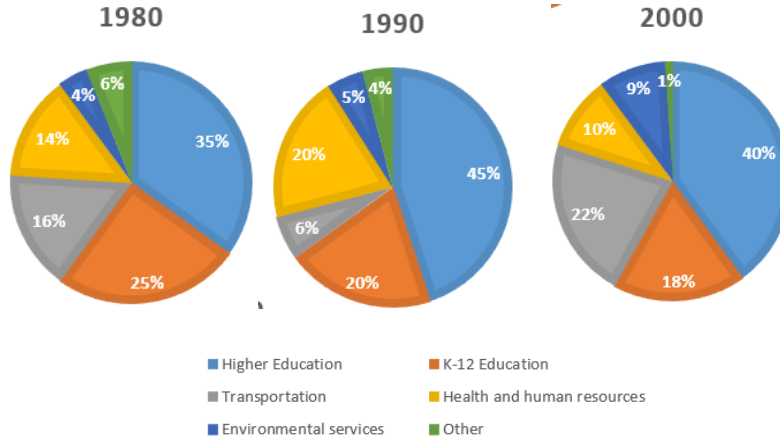
PART A: PIE CHART
A pie chart for ***only females***
A pie chart for ***only males***
A pie chart for ***males and females together (all data)***
Display all three side by side including the key: (See example below)

PART B: PIE CHART ANALYSIS
Describe one pro and one con to using a pie chart to display your data

PART C: BAR GRAPH
Make a double bar graph that has males and females next to each other

PART D: BAR GRAPH ANALYSIS
Describe one pro and one con to using a bar graph to display your data

PART E: OVERALL DATA ANALYSIS
Write a paragraph describing your results. Use actual numbers/percentages from your data (do not just say 'a lot'). Talk about what you can conclude from the data and why.

(See grade rubric on back)

RUBRIC

PART A: Pie Chart 30 points	Three different charts Titles Key/labels Percentages Neatness/ Professionalism Correct data input	
PART B: Pie Chart Analysis 10 points	Pro Con	
PART C: Bar Graph 30 points	Double bars Title Key/label Neatness/ Professionalism Correct data input	
PART D: Bar Graph Analysis 10 points	Pro Con	
PART E: Overall Data Analysis 20 points	Correct analysis of data Use of mathematical descriptions (percentages/totals) Conclusions	