

Math 254 – Section 1.4: Graphs of Quantitative Data

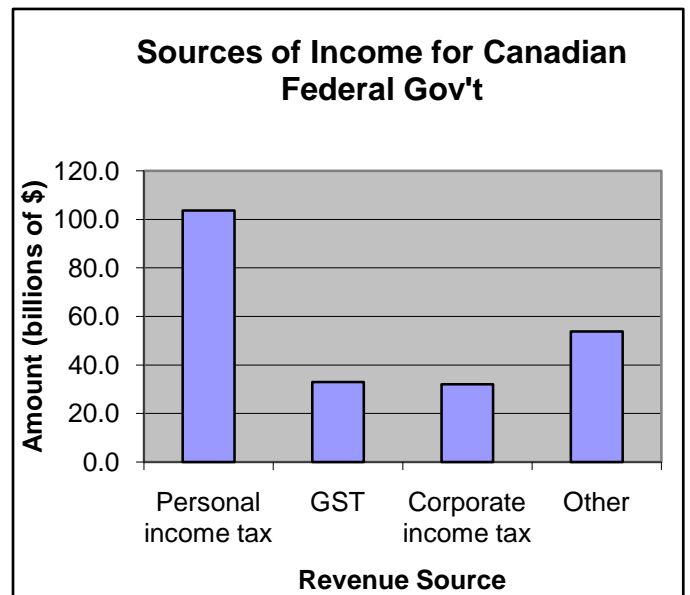
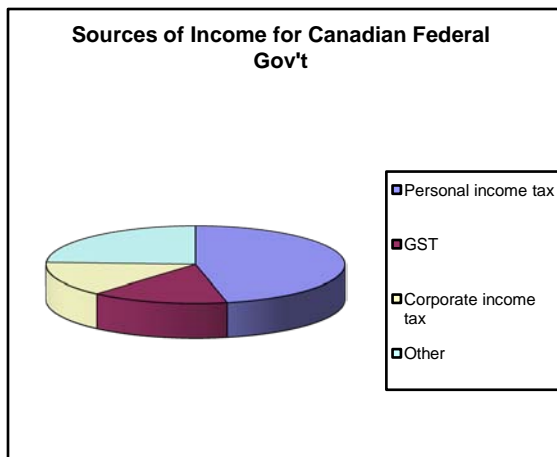
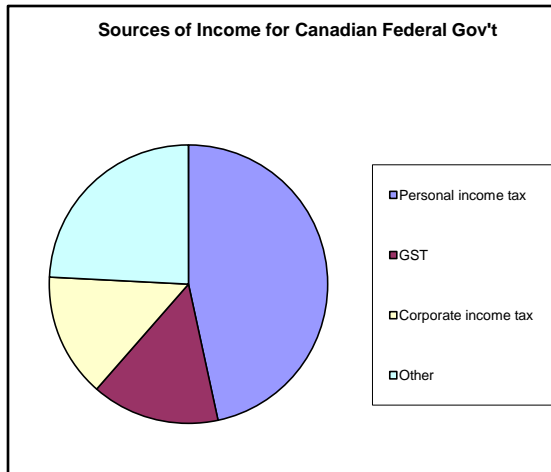
Pie charts and bar graphs – may also be used for quantitative data

Example:

Your tax dollars at work: where does the money for the Canadian federal budget come from? According to a Government of Canada website, it comes from the following sources:

Source	Amount (billions of \$)
Personal income tax	103.7
GST	33.0
Corporate income tax	32.0
Other	53.8

(Source: Department of Finance Canada, http://www.fin.gc.ca/taxdollar06/text/html/taxdollar06_e.html, accessed April 3, 2007)



Line graphs

Example

According to the Statistics Canada website, Canada's population has grown with time over the past fifty years as is shown in the table below.

Year	Population
1956	16,081,000
1961	18,238,000
1966	20,015,000
1971	21,568,000
1976	22,993,000
1981	24,343,000
1986	25,309,000
1991	27,297,000
1996	28,847,000
2001	30,007,000
2006	31,613,000

(Source: Statistics Canada, <http://www12.statcan.ca/english/census06/analysis/popdwell/NatlPortrait1.cfm>, accessed April 3, 2007)

