

Graphs

- **Line Graphs**- Line graphs are used to display data that increases, decreases or stays the same.

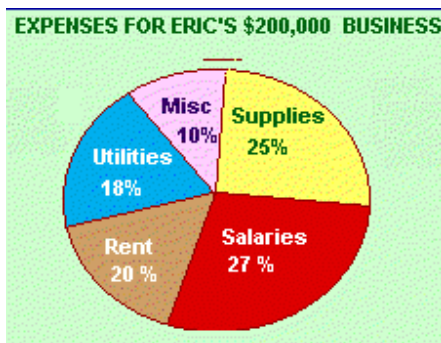
- **Example : Jim Brown's Annual Earnings**

- 1950 to 1990 - line goes up -earnings go up
- 1990 to 1995- line goes down - earnings go down
- 1995 to 2000- line is flat - earnings stay the same
- 1970 to 1975- line is steep-data changes rapidly



- **Circle Graph** Circle graphs provide a good means to compare data. Each part represents a portion of the whole circle or 100%.

- Expenses for Eric's \$200,000 business
- Big slice-bigger number -27% salaries or $.27 \times 200,000 =$ amount of salaries
- Small slice- smaller number -10% Misc or $.10 \times 200,000 =$ amount of misc
- Total slices- sum is 100% or 200,000 ($.10 + .25 + .27 + .20 + .10$) = \$200,000.



■ **Bar Graph** - Bar graphs displays information that goes up and down and a way to compare size of data .

■ Dixen's weekly auto sales.

■ Big Bars- larger numbers- 4th week- \$9000 sales

■ Small Bars- smaller numbers- 3rd week- \$4000 sales

