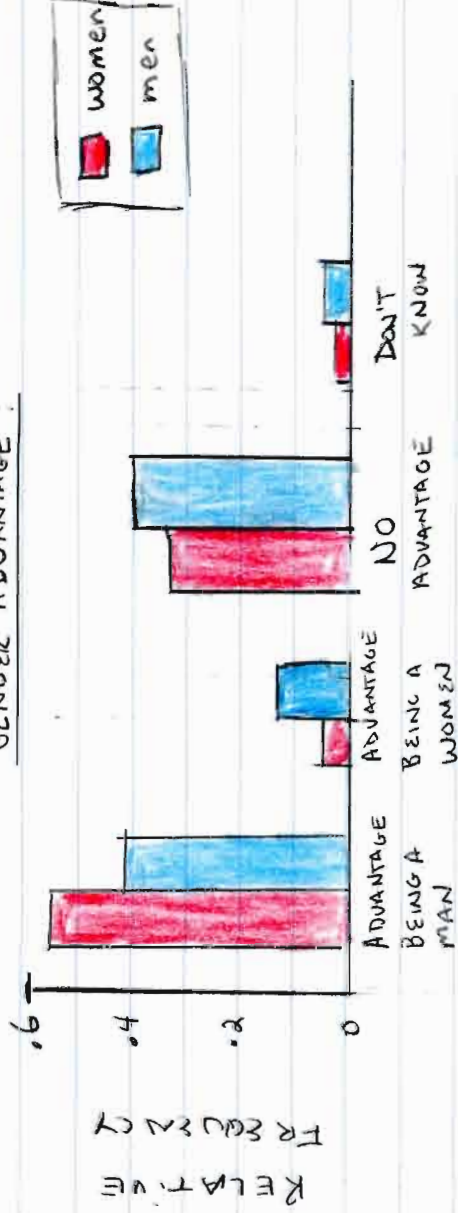


3A HW

#'s 3.2, 3.8, 3.12, 3.14 (bar charts)

3.2

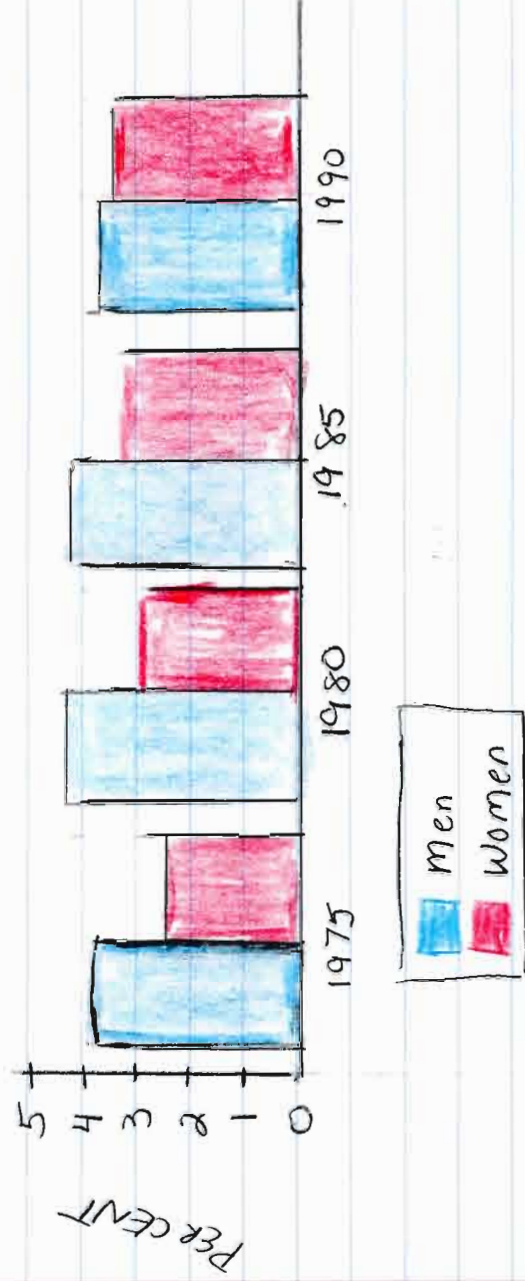
GENDER ADVANTAGE?



- MORE THAN HALF OF WOMEN THINK IT IS AN ADVANTAGE TO BE A MAN
- A THIRD OF WOMEN THINK THERE IS NO ADVANTAGE
- VERY FEW MEN (AND EVEN FEWER WOMEN) THINK THERE IS AN ADVANTAGE TO BE A WOMEN.

3.8

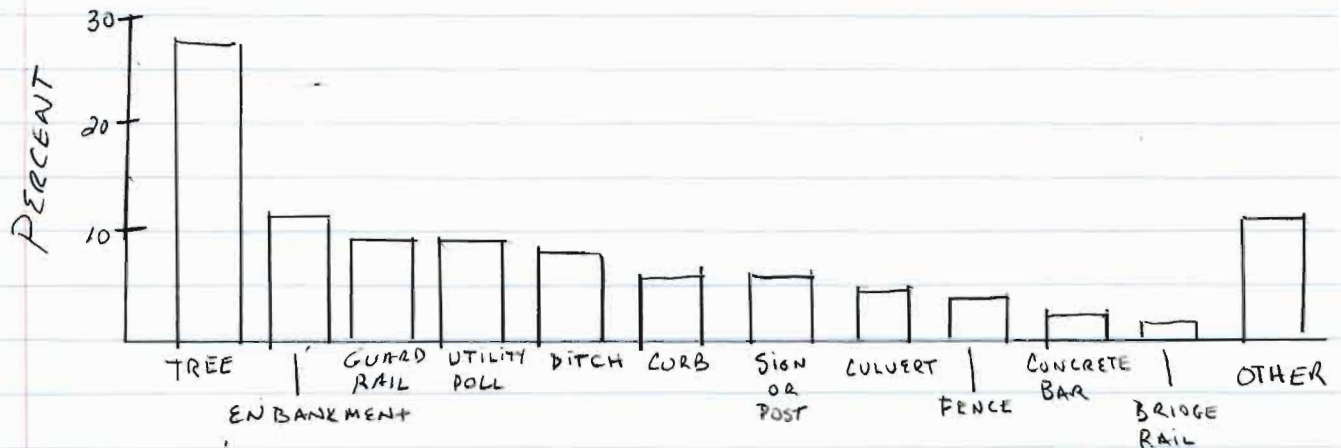
MEDICAL CAREER ASPIRATIONS BY GENDER



- The graph shows men have a great proportion of medical career aspiration.
- OVER TIME, IN 1990, THE 2 PROPORTIONS ARE ALMOST EQUAL.

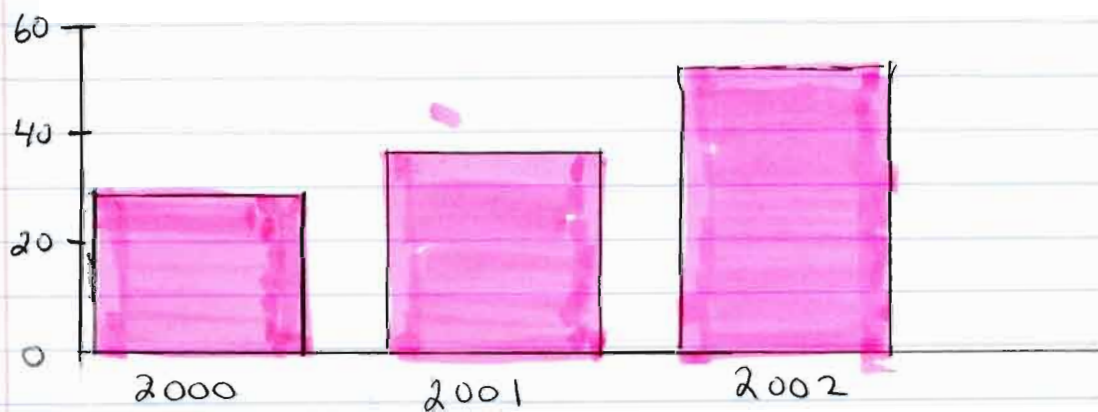
3.12 A THERE ARE TOO MANY CATEGORIES FOR THIS PIE CHART TO BE EFFECTIVE

B ROAD SIDE HAZARDS



- THIS IS MUCH MORE EFFECTIVE THAN THE PIE CHART.
- THIS IS MUCH EASIER TO COMPARE THE SMALL DIFFERENCES BETWEEN THE OBJECTS AS HAZARDS ON THE ROAD

3.14 INTERNET SALES (billions \$'s)



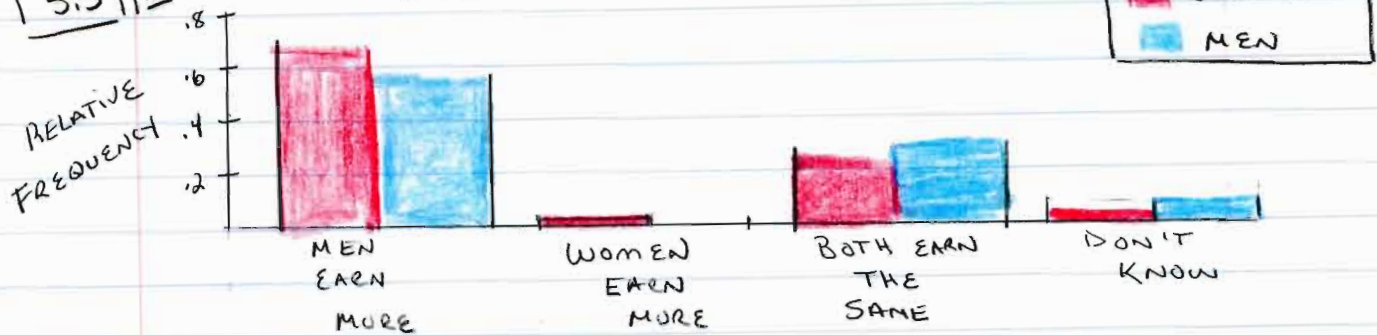
- ALTHOUGH THERE ARE ONLY 3 CATEGORIES, A BAR CHART WOULD BE BETTER AS IT BETTER DEMONSTRATES THE CHANGE OVER TIME.

3A HW

3.3, 3.5, 3.6A, 3.10 (PIE CHARTS)

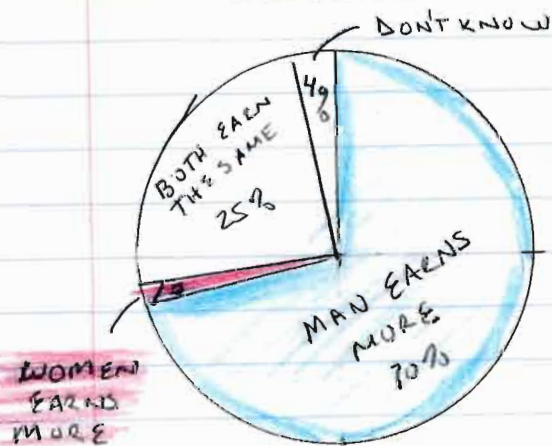
3.3 A

SAME SALARY FOR SAME WORK

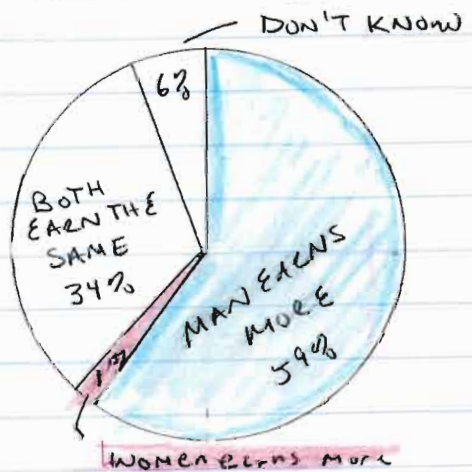


B

WOMEN'S VIEWS



MEN'S VIEWS



- C
- IT'S MUCH EASIER TO COMPARE THE DIFFERENCES USING COMPARATIVE BAR CHARTS.
 - THE CATEGORIES ARE NEXT TO EACH OTHER AND ANY DIFFERENCES ARE EASIER TO SEE
 - TO COMPARE THE SLICES BETWEEN 2 PIE CHARTS IS MORE DIFFICULT

- D
- THE MAJORITY OF BOTH MEN & WOMEN THINK THAT MEN EARN MORE MONEY FOR THE SAME WORK.
 - VERY FEW MEN OR WOMEN THINK THAT A WOMEN EARN MORE.
 - MORE WOMEN THAN MEN THINK MEN EARN MORE FOR THE SAME WORK

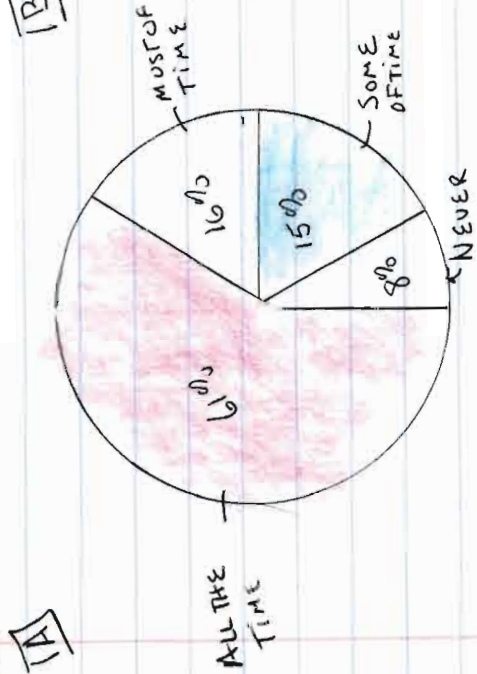
3.3A CONT

HOME ALONE?

3.5

1A

1B



C

IT IS EASIER TO SEE THE DIFFERENCE IN THE PROPORTIONS WITH A PIE CHART, HOWEVER IT IS EASIER TO ESTIMATE THE PERCENTAGE OF EACH RESPONSE WITH A SEGMENTED BAR CHART.

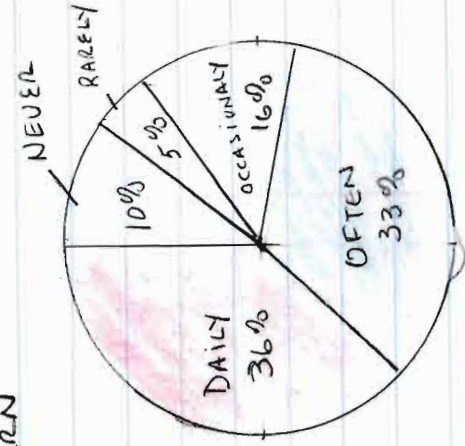
3.6A

A BAR CHART WOULD BE A BETTER CHOICE. THERE ARE 8 CATEGORIES WHICH MAY CAUSE SOME CONFUSION IN A PIE CHART.

3.10

INTERNET USAGE PATTERN

	FREQUENCY	RELATIVE FREQUENCY
NEVER	31	.096
RARELY (about 3 times/yr)	15	.046
Occasionally (about once a month)	52	.160
often (about once a week)	109	.336
Daily	117	.361
Total	324	.999



- ABOUT $\frac{2}{3}$ OF PHYSICIANS USE INTERNET DAILY OR OFTEN
- THOSE THAT USE IT RARELY OR NEVER IS LESS THAN 15% OF THE SAMPLE