

9.3

## 2-way frequency table

movie genres

	Comedy	Drama	Horror	Sci. Fi	Totals
Boys	8	0	5	1	14
Girls	6	1	6	0	13
Totals	14	1	11	1	27

More girls like horror than boys.  
 More students don't like science fiction.  
 More boys like comedy than girls.

## RELATIVE FREQUENCY

# of each category divided by a total

$$\frac{\# \text{ each category}}{\text{total}}$$

RF # of boys like horror to the total of boys

$$\frac{5}{14} = .35 \text{ or } 35\%$$

RF of boys horror to total students

$$\frac{5}{27} = .19 \text{ or } 19\%$$

convert to decimal form