

1 Horizontal Bar Chart

This is a horizontal bar chart, titled title , measuring x-axis units for number

y-axis label bars / clusters of bars . A caption reads: “ caption .” The data

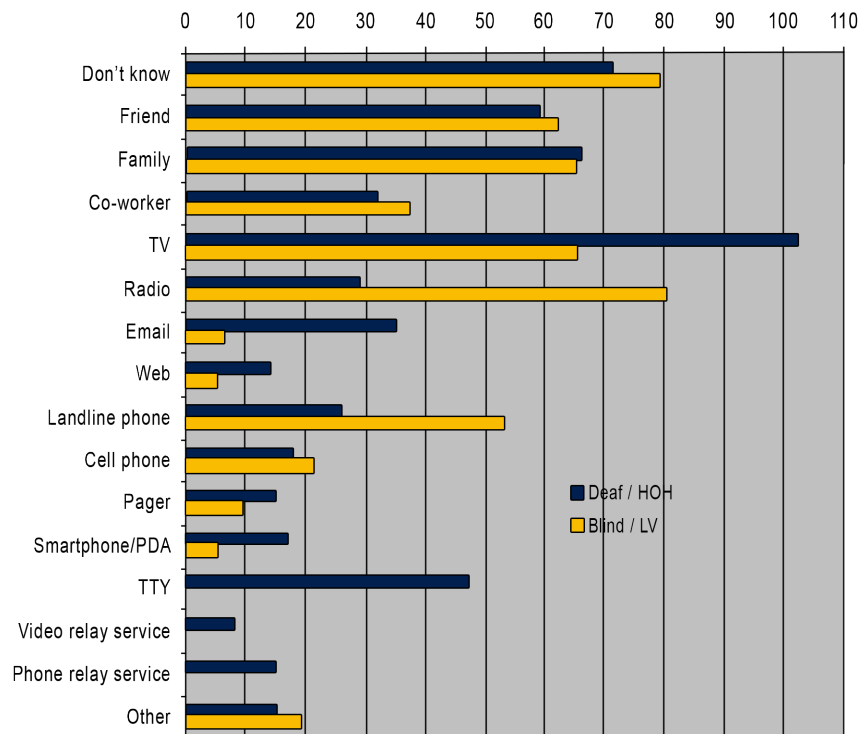
range from x-axis min to x-axis max in increments of x-axis increments

x-axis units . Description if data trends.

<div> <div>number of columns equal to number of sub-bars per cluster</div> </div>		
	<i>Sub-Bar 1</i>	<i>Sub-Bar 2</i>
	<i>Label</i>	<i>Label</i>
<i>Bar/Cluster 1 Label</i>	<i>x-value</i>	<i>x-value</i>
\vdots	\vdots	\vdots
<i>Bar/Cluster 16 Label</i>	<i>x-value</i>	<i>x-value</i>

number of rows
equal to number of
bars or bar clusters

1.1 Horizontal Bar Chart Example



This is a horizontal bar chart, measuring counts for 16 clusters of bars. The data range from 0 to 110 counts in increments of 10 counts. Deaf/HOH use more visual-heavy media, and Blind/LV use more auditory-heavy media.

	Deaf/ HOH	Blind/LV
Don't Know	72	80
Friend	59	62
Family	65	64
Coworker	32	36
TV	102	66
Radio	29	81
Email	35	6
Web	15	5
Landline Phone	25	53
Cell Phone	18	21
Pager	15	10
Smartphone/PDA	17	5
TTY	48	0
Video Relay Service	8	0
Phone Relay Service	15	0
Other	15	19

2 Line Graph

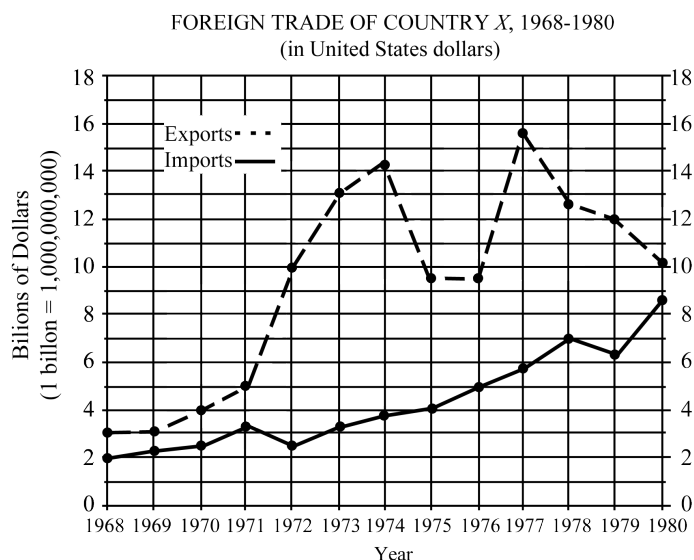
This is a line graph, titled title . A caption reads: “ caption .” The horizontal axis is

 if titled if captioned
labeled x-axis label , and ranges from x-axis min to x-axis max in increments of
x-axis increments x-axis units . The vertical axis is labeled y-axis label , and
ranges from y-axis min to y-axis max in increments of y-axis increments
y-axis units . There is / are number line / lines on the graph. Line 1 is
labeled line 1 label and appears line 1 trend .
Line number is labeled line label and appears line trend .

 repeat to number of lines

		number of columns equal to number of lines	
		<div style="display: flex; justify-content: space-between; padding: 5px;"> <div style="width: 30%;"><i>x-axis units</i></div> <div style="width: 30%;"><i>line 1 label (y units)</i></div> <div style="width: 30%;"><i>line 2 label (y units)</i></div> </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> <div style="width: 30%;"><i>x-value</i></div> <div style="width: 30%;"><i>y-value</i></div> <div style="width: 30%;"><i>y-value</i></div> </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> <div style="width: 30%;">\vdots</div> <div style="width: 30%;">\vdots</div> <div style="width: 30%;">\vdots</div> </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> <div style="width: 30%;"><i>x-value</i></div> <div style="width: 30%;"><i>y-value</i></div> <div style="width: 30%;"><i>y-value</i></div> </div>	
number of rows equal to number of x values (x min, max, & increment)		{	

2.1 Line Graph Example



This is a line graph, titled Foreign Trade of Country X, 1968-1980 (In United States dollars).

The horizontal axis is labeled Year, and ranges from 1968 to 1980 in increments of 1 years. The vertical axis is labeled Billions of Dollars (1 billion = 1,000,000,000), and ranges from 0 to 18 in increments of 2 billions.

There are 2 lines on the graph. Line 1 is labeled Exports and appears to generally go up as years increase. Its slope is constant for 1968-1971, is positive for 1971-1974, is negative for 1974-1975, is constant for 1975-1976, is positive for 1976-1977, and is negative for 1977-1980. Line 2 is labeled Imports and appears to have a constant shallow positive slope over the entire horizontal range 1968-1980.

Year	Exports	Imports
1968	3	2
1969	3	2
1970	4	2.5
1971	5	3
1972	10	2.5
1973	13	3
1974	14	4
1975	9.5	4
1976	9.5	5
1977	16	6
1978	12.5	5
1979	12	6
1980	10	9

3 Pie Chart

This is a pie chart, titled title . A caption reads: “ caption .” The chart has

$\underbrace{\hspace{1.5cm}}_{\text{if titled}} \quad \underbrace{\hspace{3.5cm}}_{\text{if captioned}}$

number wedges, labeled in units and percentages . The data are summarized in

$\underbrace{\hspace{1.5cm}}_{\text{if units}} \quad \underbrace{\hspace{0.5cm}}_{\text{if both}} \quad \underbrace{\hspace{1.5cm}}_{\text{if percentages}}$

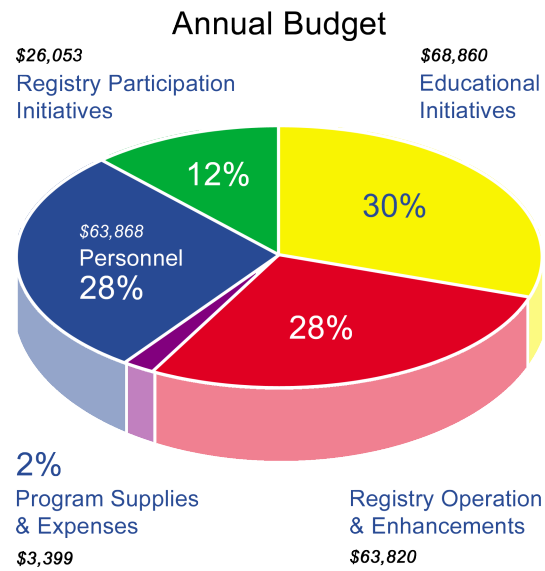
the following table.

Note: Rows should be ordered from smallest to largest percentages.

		$\underbrace{\hspace{1.5cm}}_{\text{if labeled in units}}$	$\underbrace{\hspace{1.5cm}}_{\text{if labeled in percentages}}$
	Color / Pattern	<u>units</u>	Percentage
	<i>Wedge 1 Label</i>	<i>value</i>	<i>value</i>
	\vdots	\vdots	\vdots
	<i>Wedge 5 Label</i>	<i>value</i>	<i>value</i>

number of rows
equal to number
of wedges

3.1 Pie Chart Example



This is a pie chart, titled Annual Budget. The pie chart has 5 wedges, which are labeled in dollars and percentages. The data are summarized in the following table.

	Color	Wedge Label	Dollars	Percentage of Whole
Wedge 1	Purple	Program Supplies Expenses	3399	2
Wedge 2	Green	Registry Participation Initiatives	26053	12
Wedge 3	Red	Registry Operation Enhancements	63820	28
Wedge 4	Blue	Personnel	63868	28
Wedge 5	Yellow	Educational Initiatives	68860	30

4 Scatter Plot

This is a scatter plot, titled title . A caption reads: “ caption .” The horizontal axis is

 $\underbrace{\hspace{10em}}_{\text{if titled}} \quad \underbrace{\hspace{10em}}_{\text{if captioned}}$
labeled x-axis label , and ranges from x-axis min to x-axis max in increments of
x-axis increments
 $\underbrace{\hspace{10em}}_{\text{if x-axis has units}}$
 . The vertical axis is labeled y-axis label , and
ranges from y-axis min to y-axis max in increments of y-axis increments
y-axis units . The graph has approximately number points

 $\underbrace{\hspace{10em}}_{\text{if y-axis has units}}$
scattered in a pattern pattern .
 $\underbrace{\hspace{10em}}_{\text{if number points} \leq 10}$
 The data are summarized in the following table.

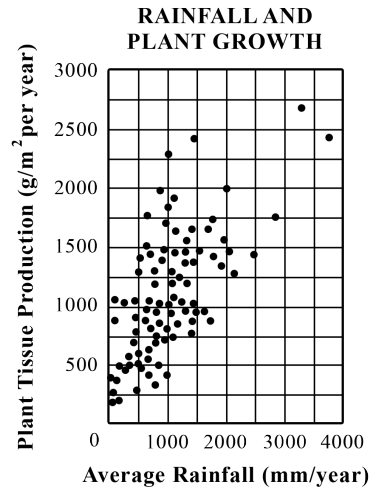
 $\underbrace{\hspace{10em}}_{\text{if there's a pattern}}$

Note: A table is only presented if there are 10 or less points.

			$\underbrace{\hspace{10em}}_{\text{if \# of point types} > 1}$	
number of rows equal to number of points	{	<i>x-axis label</i>	<i>y-axis label</i>	Point Type
		(<i>x units</i>)	(<i>y units</i>)	
		<i>x-value</i>	<i>y-value</i>	<i>type</i>
		\vdots	\vdots	\vdots
		<i>x-value</i>	<i>y-value</i>	<i>type</i>

4.1 Scatter Plot Example

The graph below shows the relationship between annual rainfall and plant tissue growth rates in an ecosystem.



This is a scatter plot, titled Rainfall and Plant Growth. A caption reads: “The graph below shows the relationship between annual rainfall and plant tissue growth rates in an ecosystem.”

The vertical axis is labeled Plant tissue production, and ranges from 0 to 3000 in increments of 500 g/m² per year. The horizontal axis is labeled Average Rainfall, and ranges from 0 to 4000 in increments of 1000 mm/year.

The graph has approximately 50 points. There is a general trend that as average rainfall increases, plant tissue production also increases.

5 Venn Diagram

This is a Venn diagram, titled title , showing number circles.

if titled

A caption reads: “ caption .” The circles are labeled circle 1 label , value equals value

if captioned

units , circle number , values equals value units . There is number

repeat to number of circles

area / areas of intersection that equal / equals

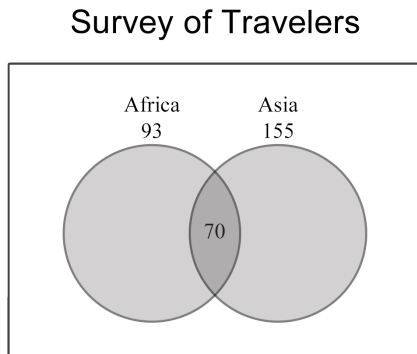
number units , between circles list .

repeat to number of intersections

number of rows equal
to number of circles
and intersections {

	Value (<i>units</i>)
<i>Circle 1 Label</i>	<i>value</i>
<i>Circle 2 Label</i>	<i>value</i>
<i>Intersection 1 Label</i>	<i>value</i>

5.1 Venn Diagram Example



In a survey of 250 European travelers, 93 have traveled to Africa, 155 have traveled to Asia, and 70 have traveled to both of these continents, as illustrated in the *Venn diagram* above.

This is a Venn diagram, titled Survey of Travelers, showing 2 circles. A caption reads: “In a survey of 250 European travelers, 93 have traveled to Africa, 155 have traveled to Asia, and 70 have traveled to both of these continents, as illustrated in the Venn diagram above.” The circles are labeled Africa, value equals 93 people, and Asia, value equals 155 people. There is 1 area of intersection that equals 70 people, between circles Africa and Asia.

	People
Africa	93
Asia	155
Intersection Africa & Asia	70

6 Vertical Bar Chart

This is a vertical bar chart, titled title , measuring y-axis units for number

if titled
if y-axis has units

x-axis label bars / clusters of bars . A caption reads: “ caption .” The data

if x-axis labeled
if x-axis not labeled
if captioned

range from y-axis min to y-axis max in increments of y-axis increments

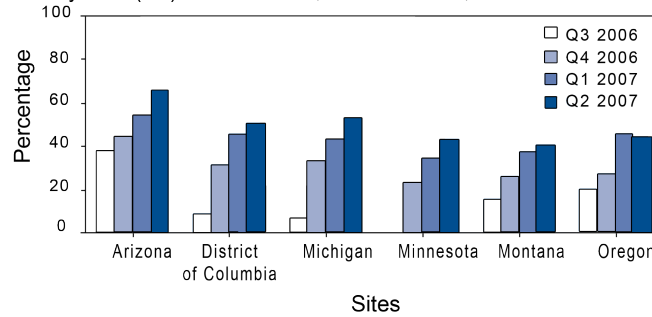
y-axis units . Description if data trends.

if y-axis has units
if trends described

			number of columns equal to number of sub-bars per cluster	
number of rows equal to number of bars or bar clusters			<i>Sub-Bar 1</i>	<i>Sub-Bar 2</i>
			<i>Label</i>	<i>Label</i>
			<i>Bar/Cluster 1 Label</i>	<i>y-value</i>
			<i>y-value</i>	<i>y-value</i>
			<i>⋮</i>	<i>⋮</i>
			<i>Bar/Cluster 4 Label</i>	<i>y-value</i>
			<i>y-value</i>	<i>y-value</i>

6.1 Vertical Bar Chart Example

FIGURE 1. First dose rotavirus vaccination coverage among children aged 3 months, * by quarter --- immunization information system (IIS) sentinel sites, United States, 2006--2007†



This is a vertical bar chart, measuring Percentage for 6 Sites. A caption reads: “First dose rotavirus vaccination coverage among children aged 3 months, by quarter – immunization information system (IIS) sentinel sites, United States, 2006-2007.” The data range from 0 to 100 percent. Across all 6 clusters of bars, there was a trend of increasing vaccination from Q3 2006 to Q2 2007.

	Arizona	District of Columbia	Michigan	Minnesota	Montana	Oregon
Q3 2006	38	8	6	0	18	22
Q4 2006	44	31	33	25	28	30
Q1 2007	56	48	44	40	42	45
Q2 2007	66	52	58	46	40	45