

#463408

Topic: Pictograph, Bar graph, Pie graph and Line graph

The shoppers who come to a departmental store are marked as: man (M), woman (W), boy (B) or girl (G). The following list gives the shoppers who came during the first hour in the morning:

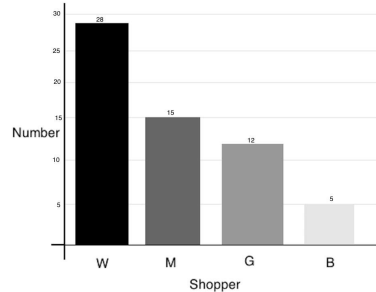
W W W G B W W M G G M M W W W W G B M W B G G M W W M M W W

W M W B W G M W W W G W M M W W M W G W M G W M M B G G W

Make a frequency distribution table using tally marks. Draw a bar graph to illustrate it.

Solution

Shopper	Tally marks	Number
W	 	28
M		15
G		12
B		5



#464412

Topic: Pictograph, Bar graph, Pie graph and Line graph

S.No.	Causes	Female fatality rate (%)
1.	Reproductive health conditions	31.8
2.	Neuropsychiatric conditions	25.4
3.	Injuries	12.4
4.	Cardiovascular conditions	4.3
5.	Respiratory conditions	4.1
6.	Other causes	22.0

A survey conducted by an organisation for the cause of illness and death among the women between the ages 15 – 44 (in years) worldwide, found the following figures (in %):

(i) Represent the information given above graphically.

(ii) Which condition is the major cause of women's ill health and death worldwide?

(iii) Try to find out, with the help of your teacher, any two factors which play a major role in the cause in (ii) above being the major cause.

Solution

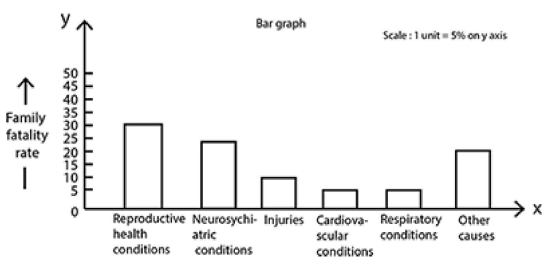
(i) Bar graph

(ii) Major cause of women's ill health : Reproductive health conditions : 31.8%

(iii) Factors are:

(i) Medical infrastructure in work.

(ii) Lack of treatment facilitators and facilities.



#464414

Topic: Pictograph, Bar graph, Pie graph and Line graph

Section	Number of girls per thousand boys
Scheduled Caste (SC)	940
Scheduled Tribe (ST)	970
Non SC/ST	920
Backward districts	950
Non-backward districts	920
Rural	930
Urban	910

The following data on the number of girls (to the nearest ten) per thousand boys in different sections of Indian society is given below.

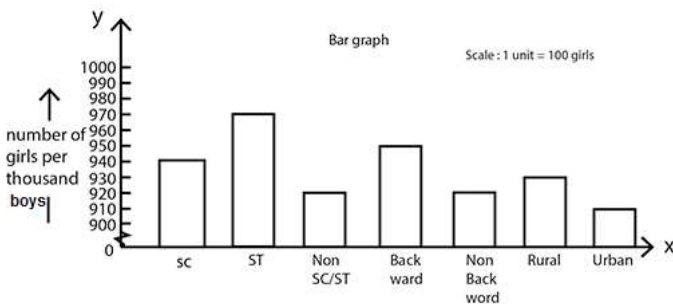
- Represent the information above by a bar graph.
- In the classroom discuss what conclusions can be arrived at from the graph.

Solution

ST : Maximum girls : 970

Urban : Minimum girls : 910

Number of girls in rural > urban.



#464415

Topic: Pictograph, Bar graph, Pie graph and Line graph

Political Party	A	B	C	D	E	F
Seats Won	75	55	37	29	10	37

Given below are the seats won by different political parties in the polling outcome of a state assembly elections:

- Draw a bar graph to represent the polling results.
- Which political party won the maximum number of seats?

Solution

- Bar graph
- Party A.

