

Data Charts for the Backpack Color Study



Chart 1: Data collected from the entire population

(collected through a survey of Freshmen carrying backpacks - 582 students)

Backpack color	black	brown	blue	red	yellow	purple	pink	other
Response from boys (292)	91	58	66	32	14	9	2	20
Response from girls (290)	40	15	72	55	20	31	32	25
Totals	131	73	138	87	34	40	34	45

Chart 2: Data collected from a random sample population

(collected through a survey of Freshmen carrying backpacks attending Study Hall - 54 students)

Backpack color	black	brown	blue	red	yellow	purple	pink	other
Response from boys (32)	12	2	10	6	0	1	0	1
Response from girls (22)	2	0	8	6	2	2	2	0
Totals	14	2	18	14	2	3	2	1

Chart 3: Data collected from a biased sample population

(collected through a survey of Freshmen **girls** carrying backpacks attending gym class - 42 students)

Backpack color	black	brown	blue	red	yellow	purple	pink	other
Response from girls (42)	7	0	8	12	4	4	6	1

Chart 4: Data collected from a biased sample population

(collected through a survey of Freshmen **boys** carrying backpacks attending gym class - 36 students)

Backpack color	black	brown	blue	red	yellow	purple	pink	other
Response from boys (36)	16	2	8	7	1	2	0	0