



GRE

GRADUATE RECORD EXAMINATIONS®

Large Print Figure Supplement for

Math Review

Chapter 4: Data Analysis



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Data Analysis Figure 1

Frequency Distribution

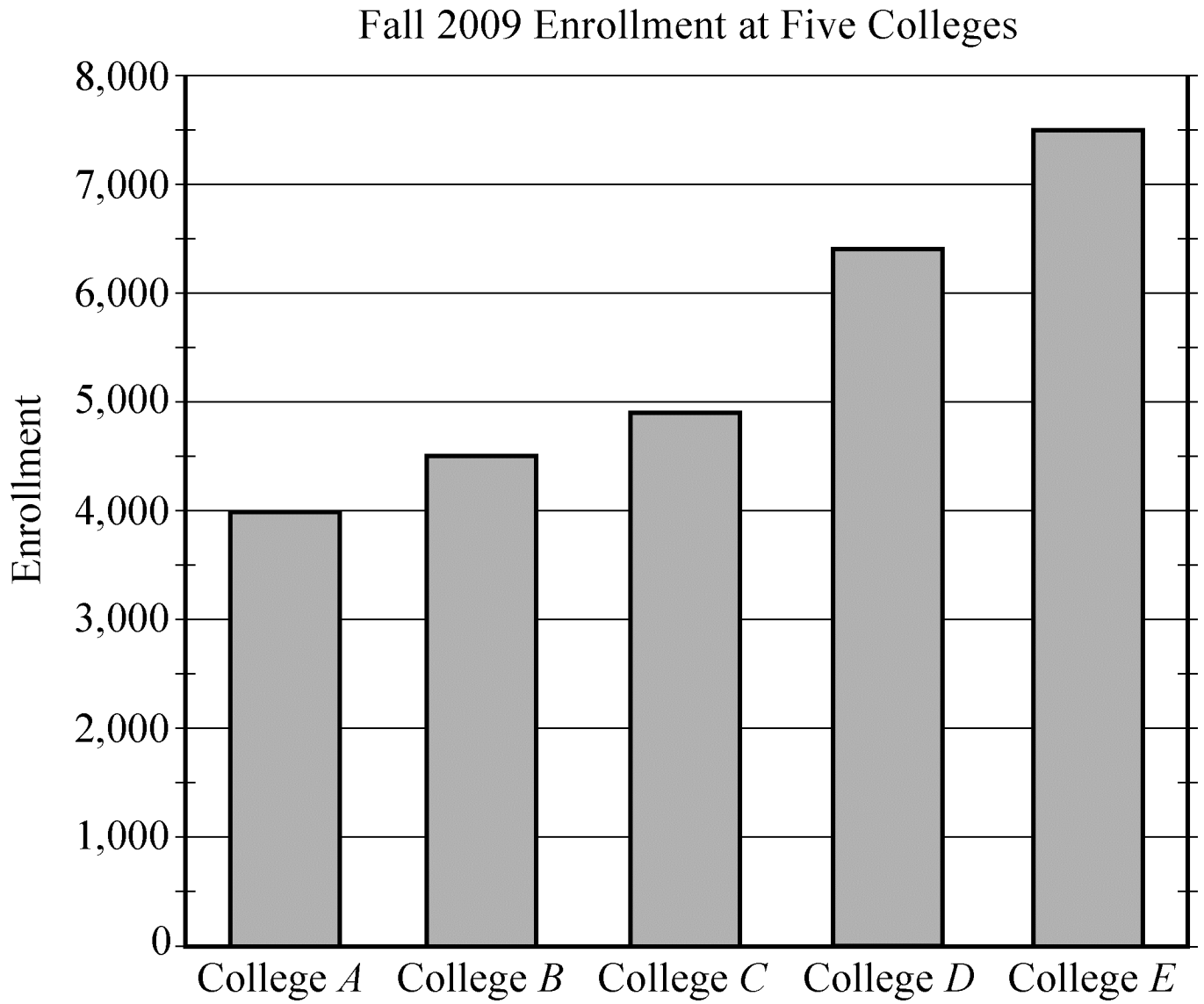
Number of Children	Frequency
0	3
1	5
2	7
3	6
4	3
5	1
Total	25

Data Analysis Figure 2

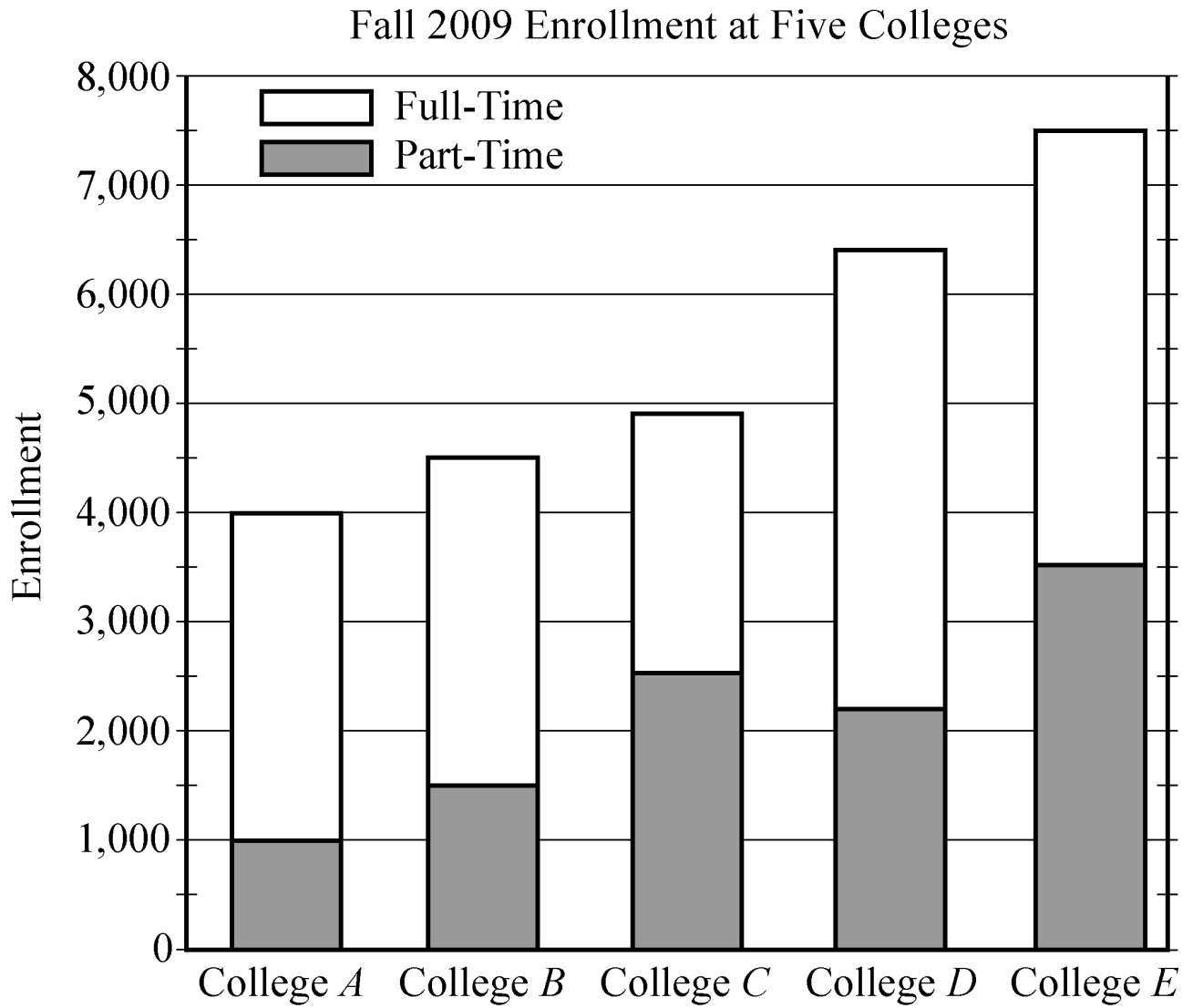
Relative Frequency Distribution

Number of Children	Relative Frequency
0	12%
1	20%
2	28%
3	24%
4	12%
5	4%
Total	100%

Data Analysis Figure 3

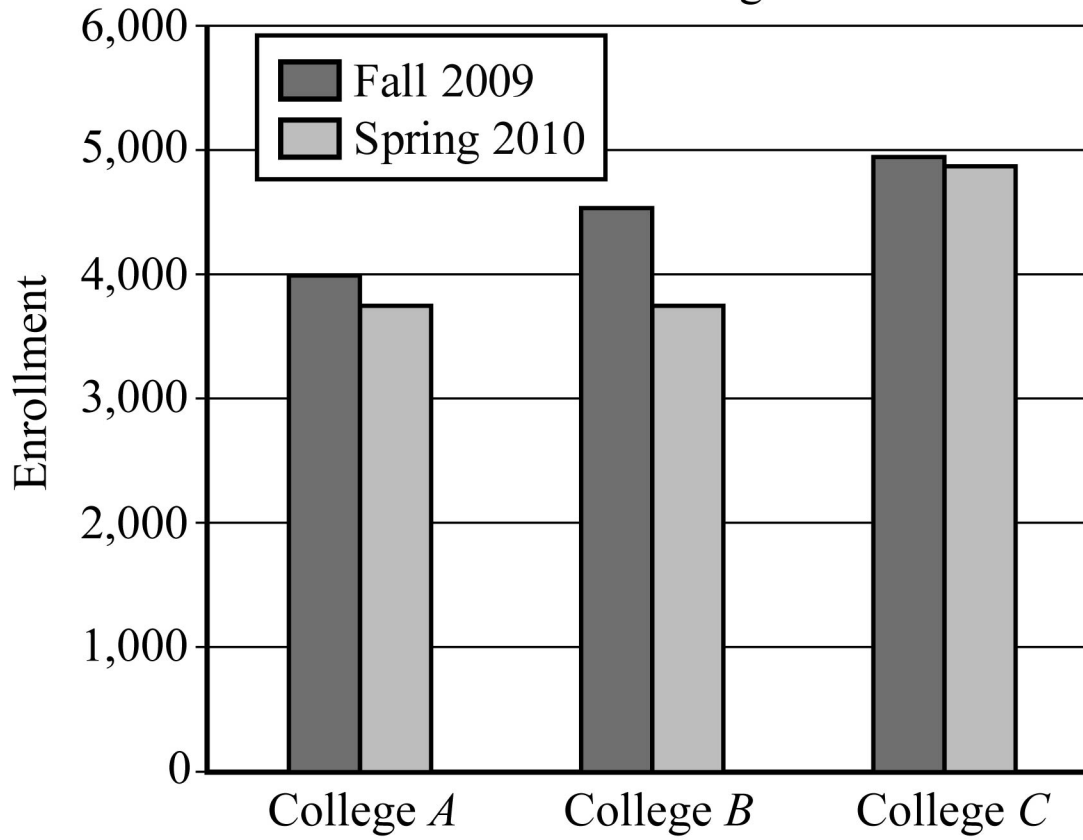


Data Analysis Figure 4



Data Analysis Figure 5

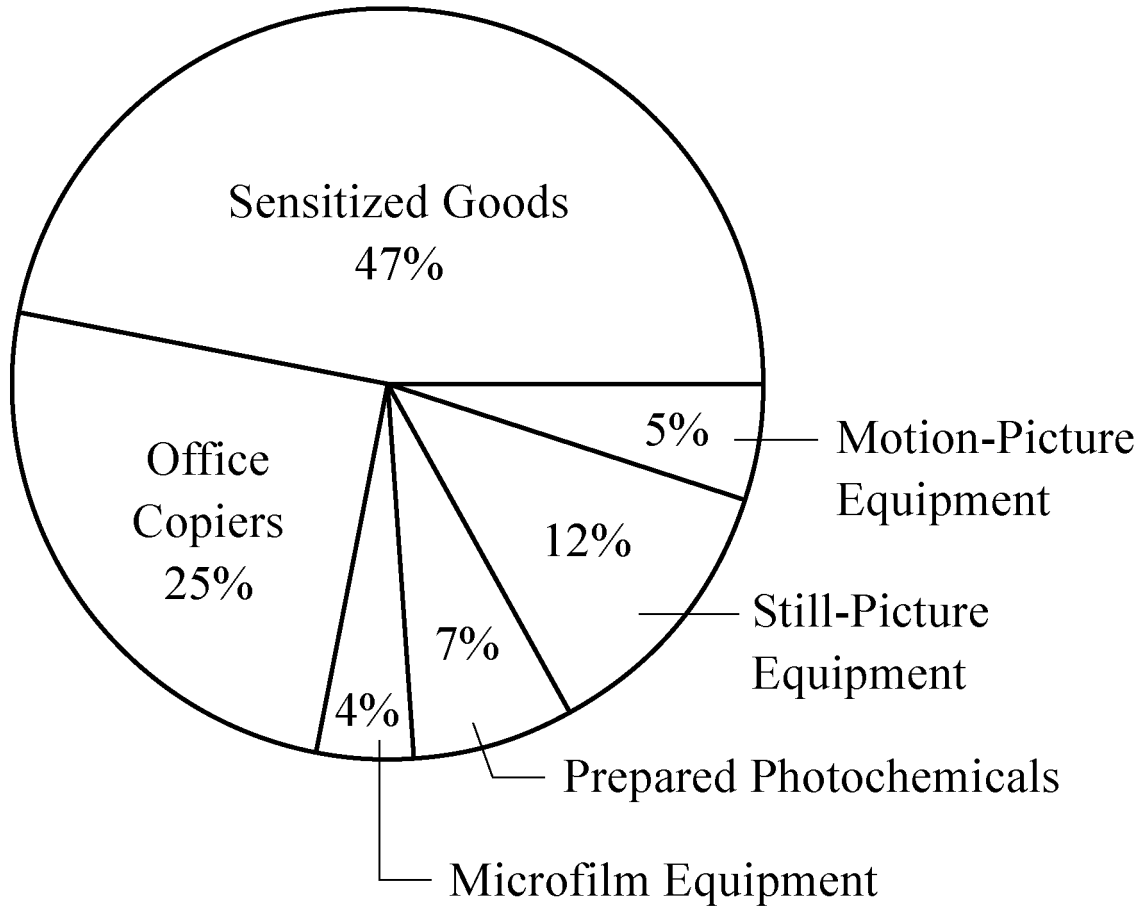
Fall 2009 and Spring 2010 Enrollment at Three Colleges



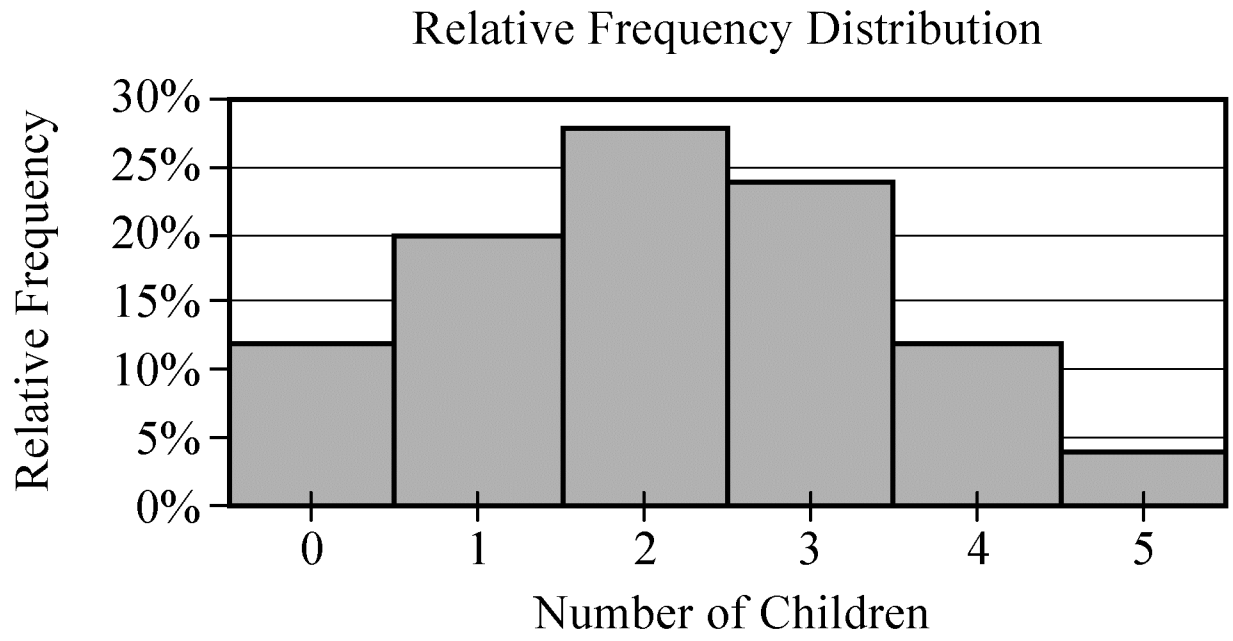
Data Analysis Figure 6

United States Production of Photographic Equipment and Supplies in 1971

Total: \$3,980 million

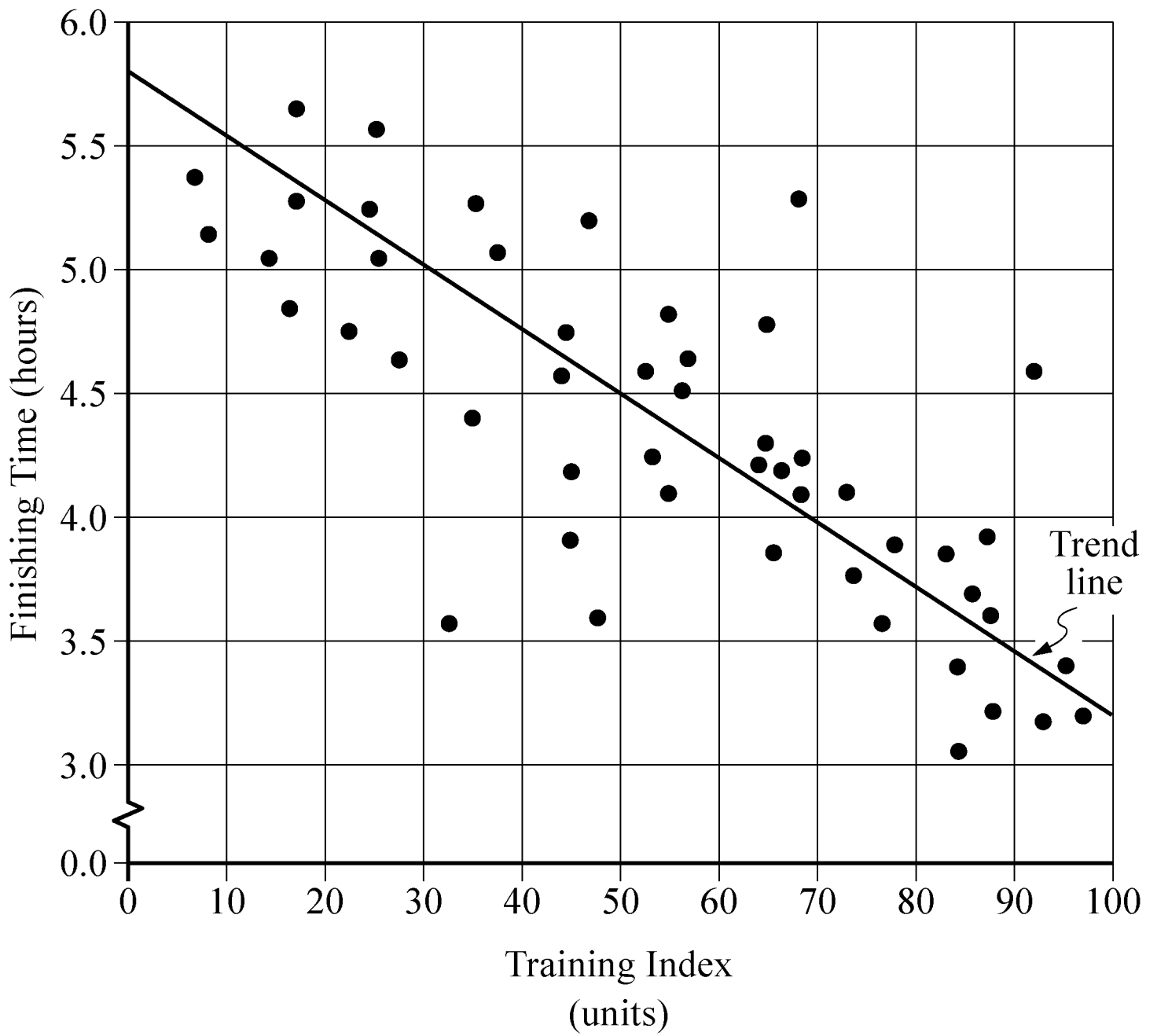


Data Analysis Figure 7



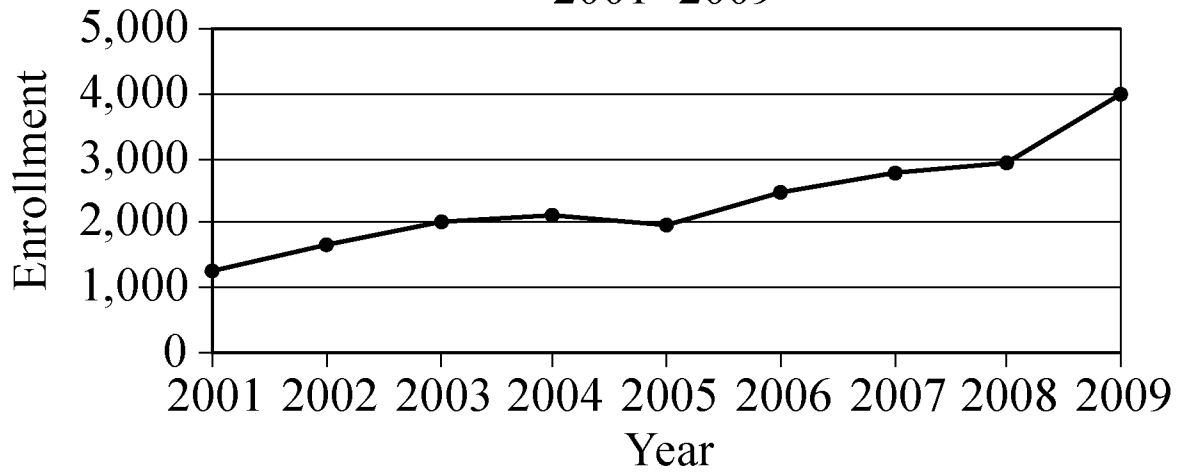
Data Analysis Figure 8

Finishing Times and Training Indices for 50 Bicyclists in a Race

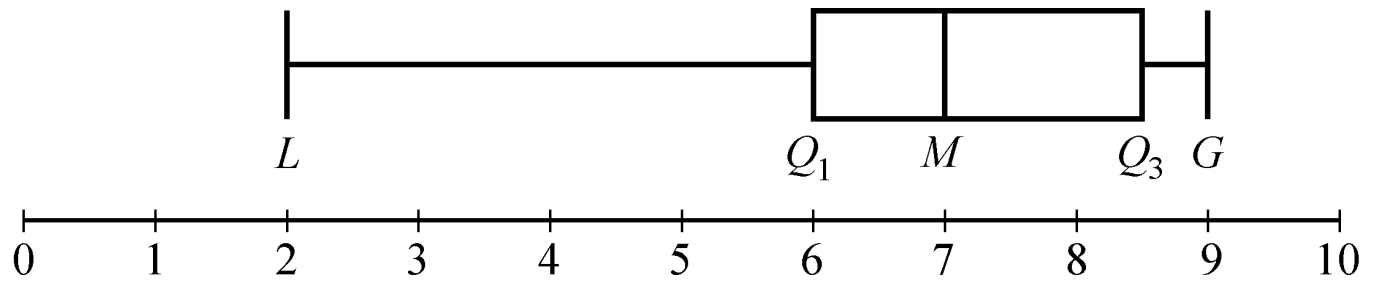


Data Analysis Figure 9

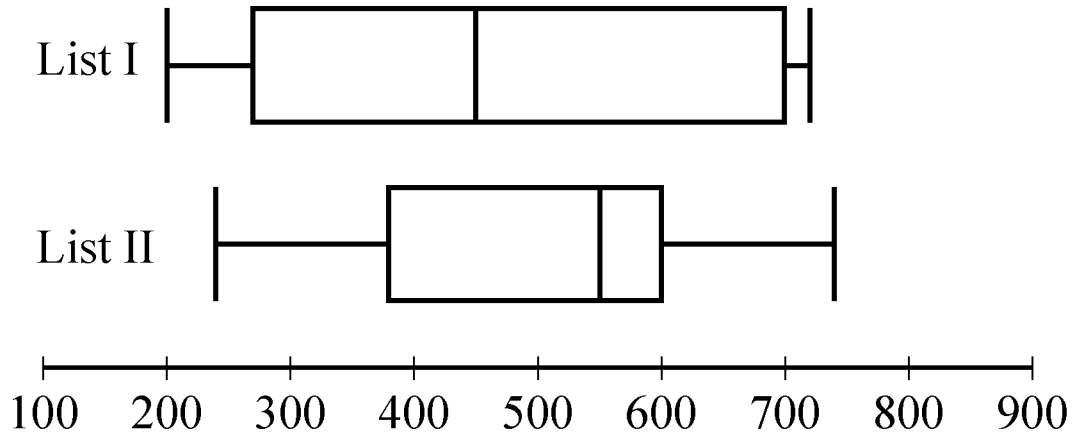
Fall Enrollment for College *A* 2001–2009



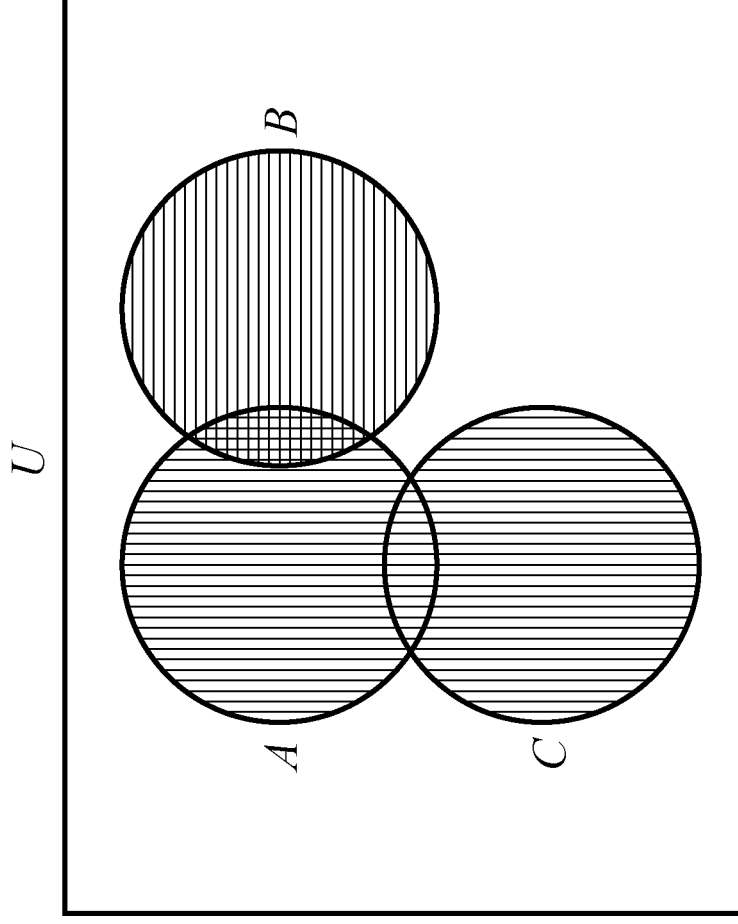
Data Analysis Figure 10



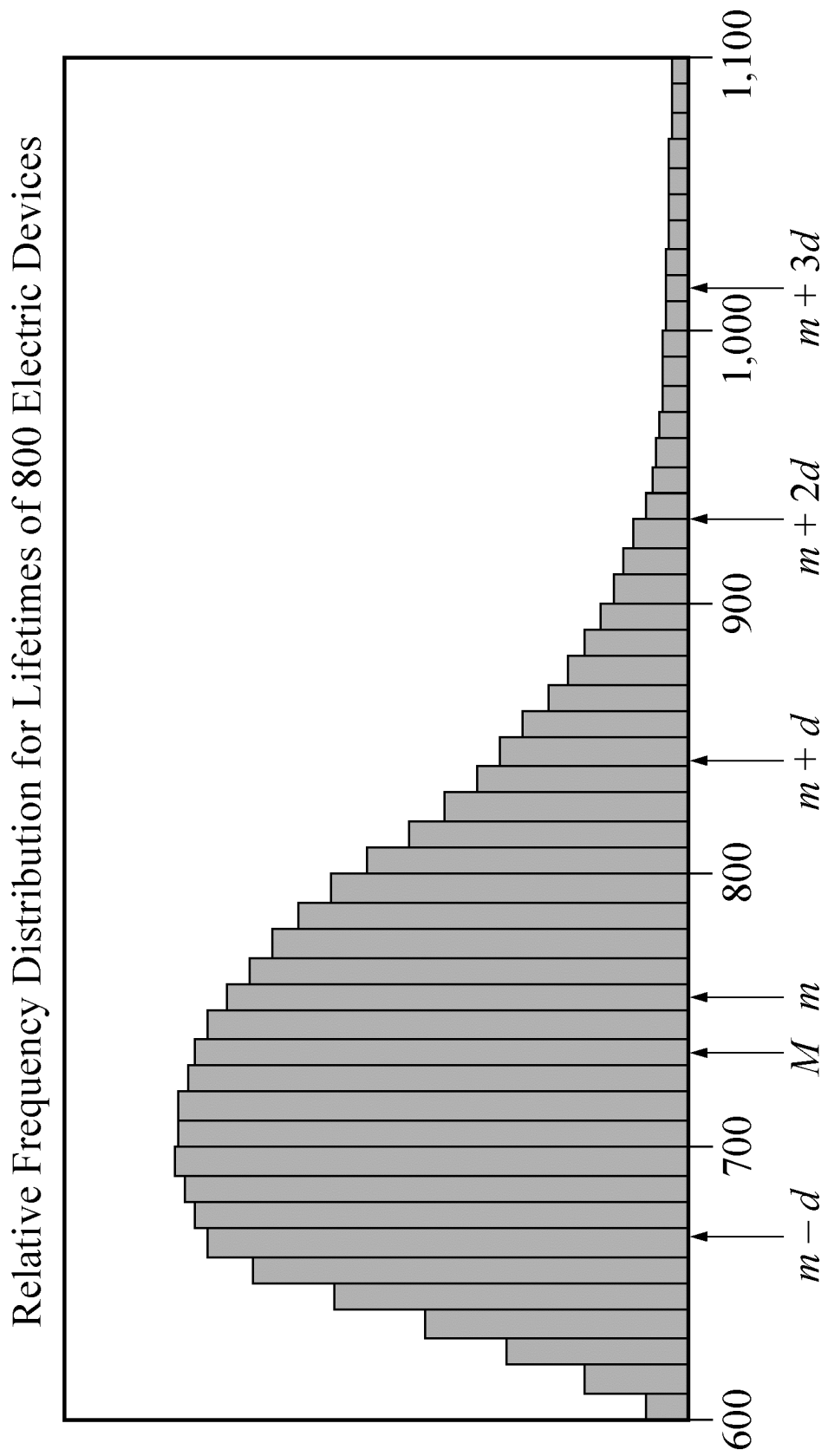
Data Analysis Figure 11



Data Analysis Figure 12



Data Analysis Figure 13



Data Analysis Figure 14

Probability Distribution of the Random Variable X

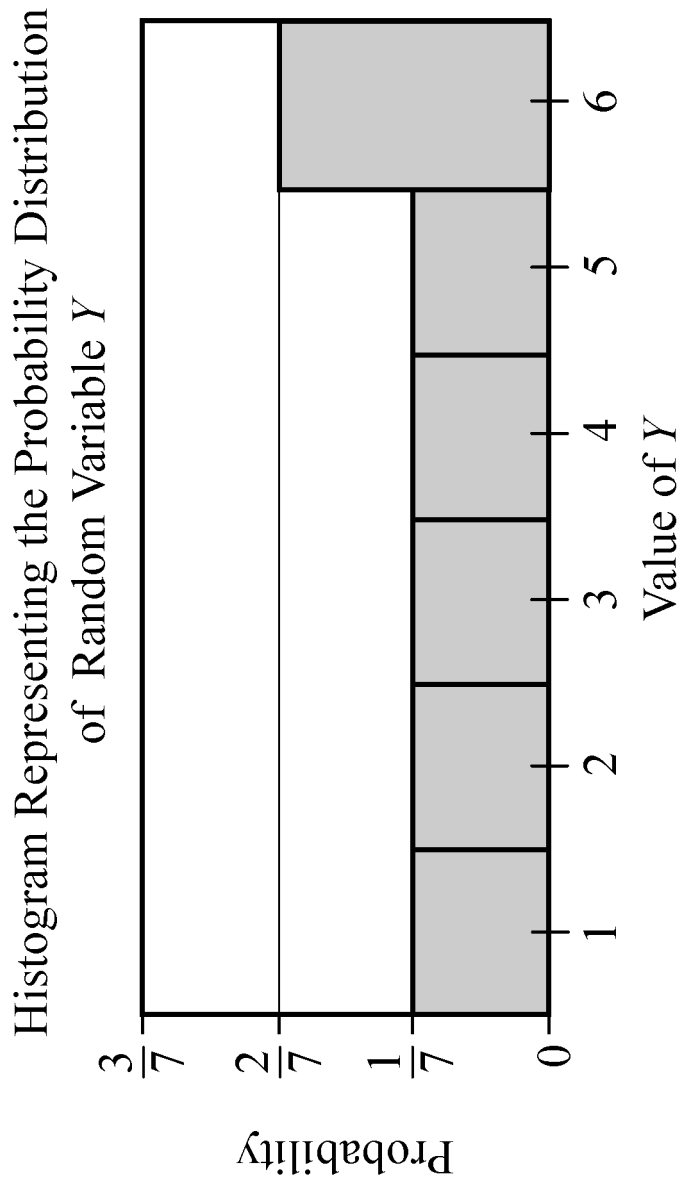
X	$P(X)$
0	0.12
1	0.20
2	0.28
3	0.24
4	0.12
5	0.04

Data Analysis Figure 15

Table Representing the Probability Distribution of the Random Variable Y

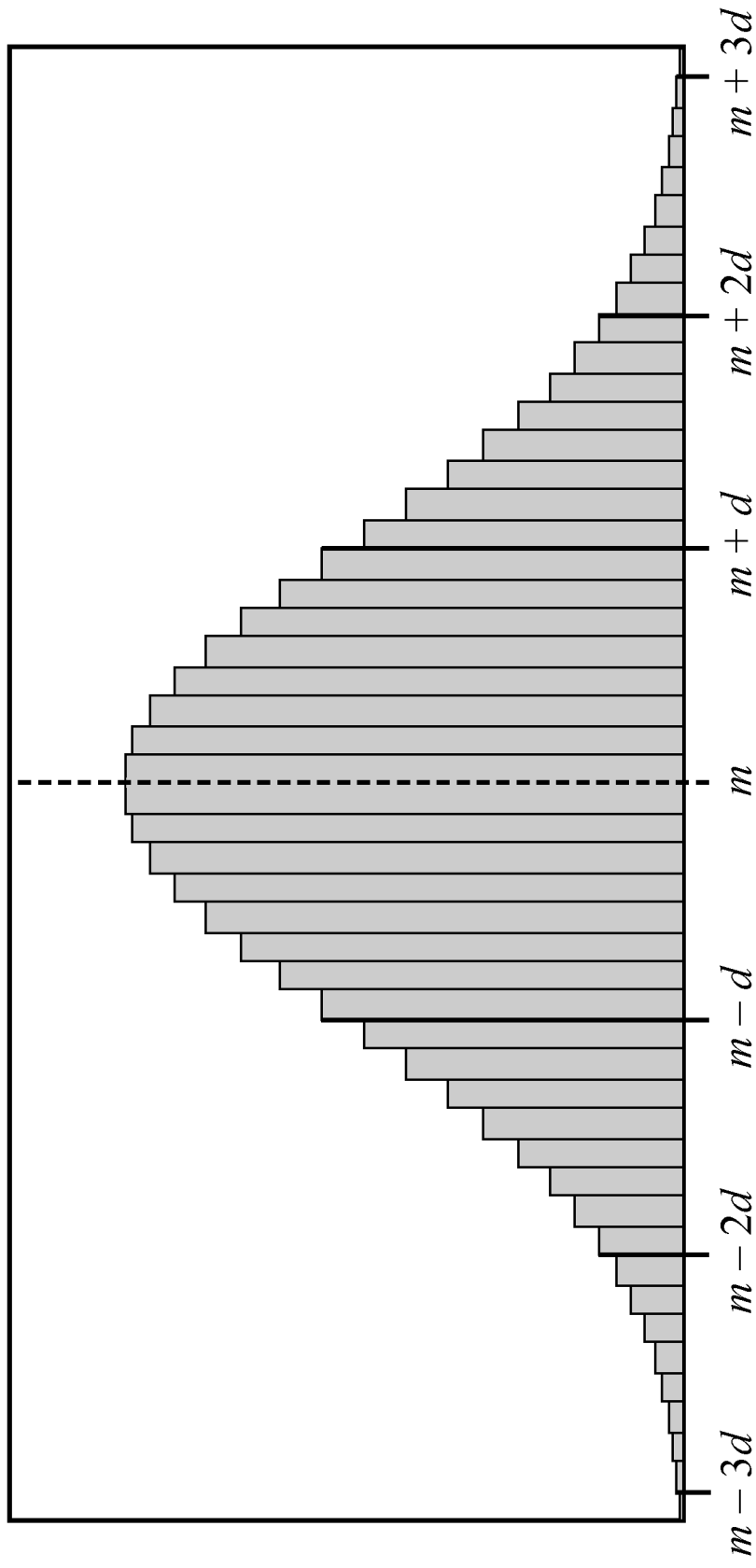
Y	$P(Y)$
1	$\frac{1}{7}$
2	$\frac{1}{7}$
3	$\frac{1}{7}$
4	$\frac{1}{7}$
5	$\frac{1}{7}$
6	$\frac{2}{7}$

Data Analysis Figure 16



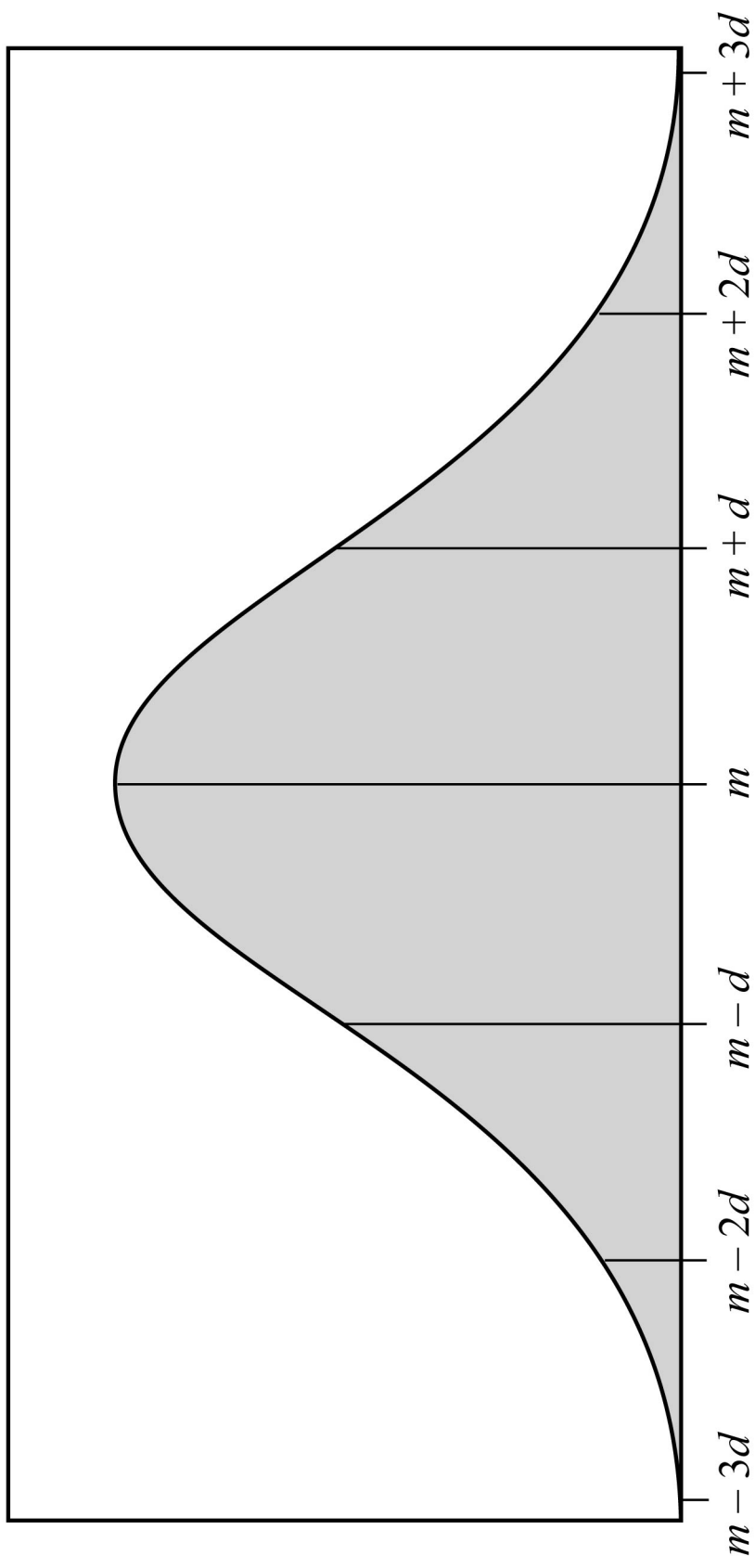
Data Analysis Figure 17

Approximately Normal Relative Frequency Distribution



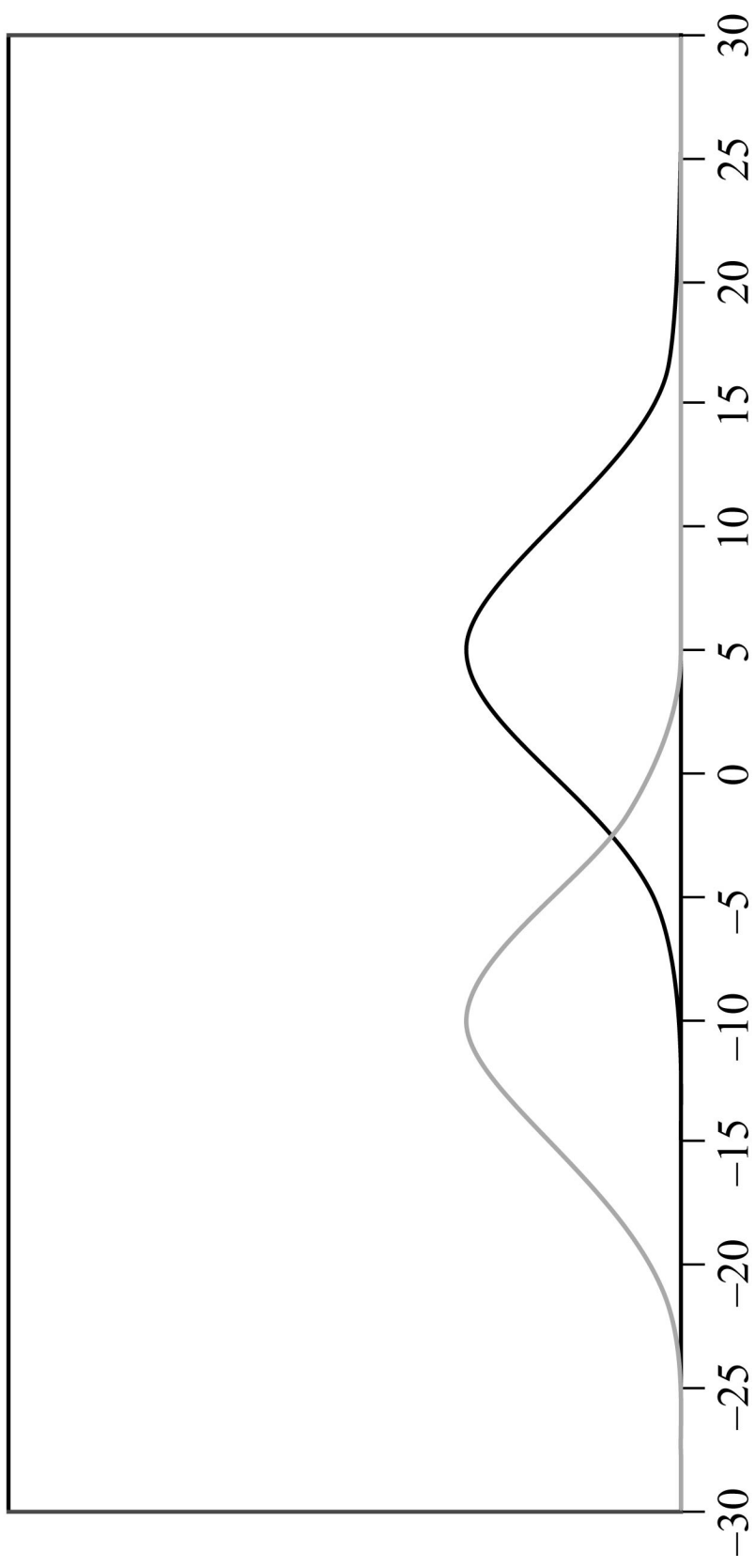
Data Analysis Figure 18

Normal Distribution



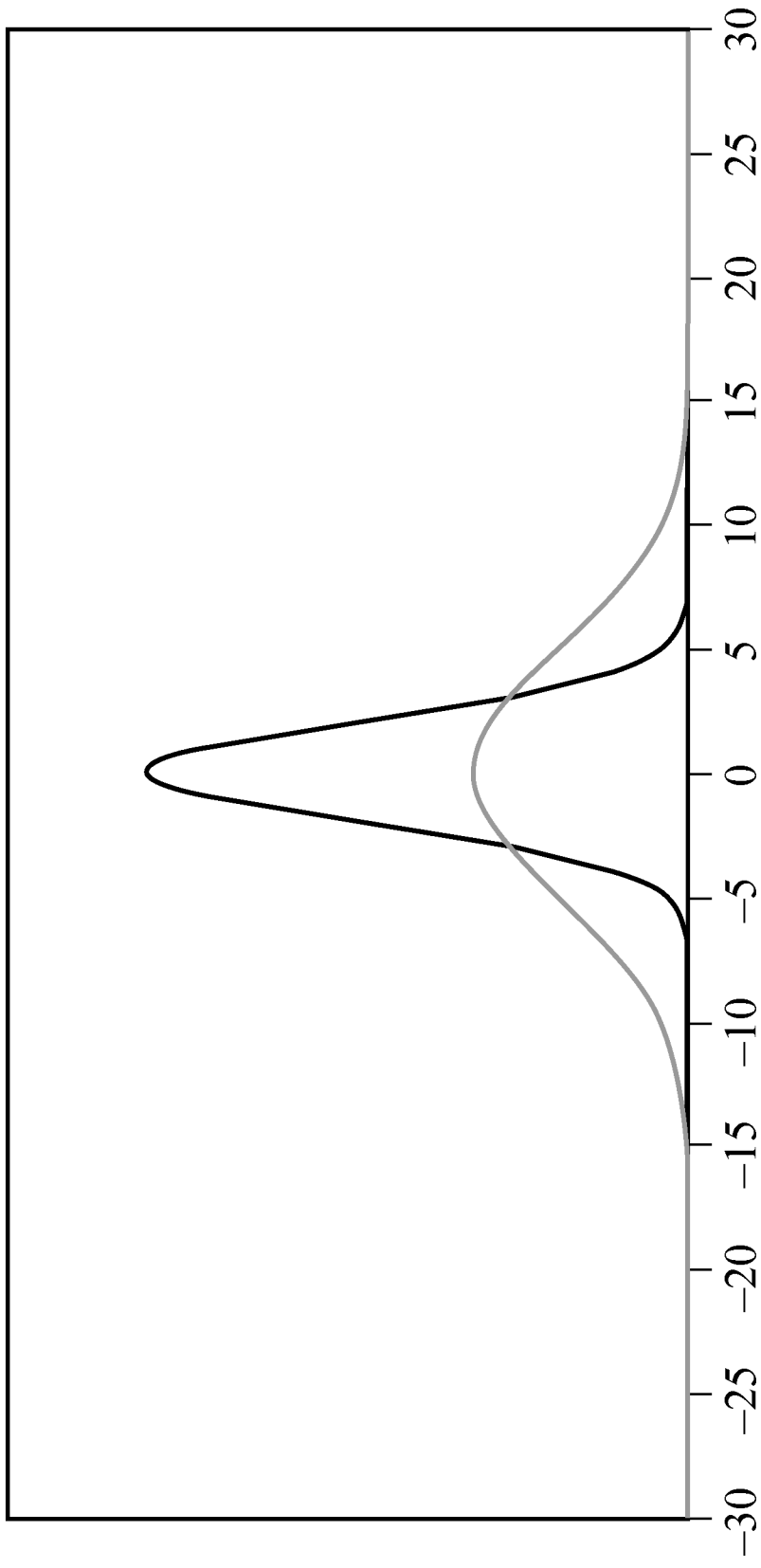
Data Analysis Figure 19

Two Normal Distributions with the Same Spread

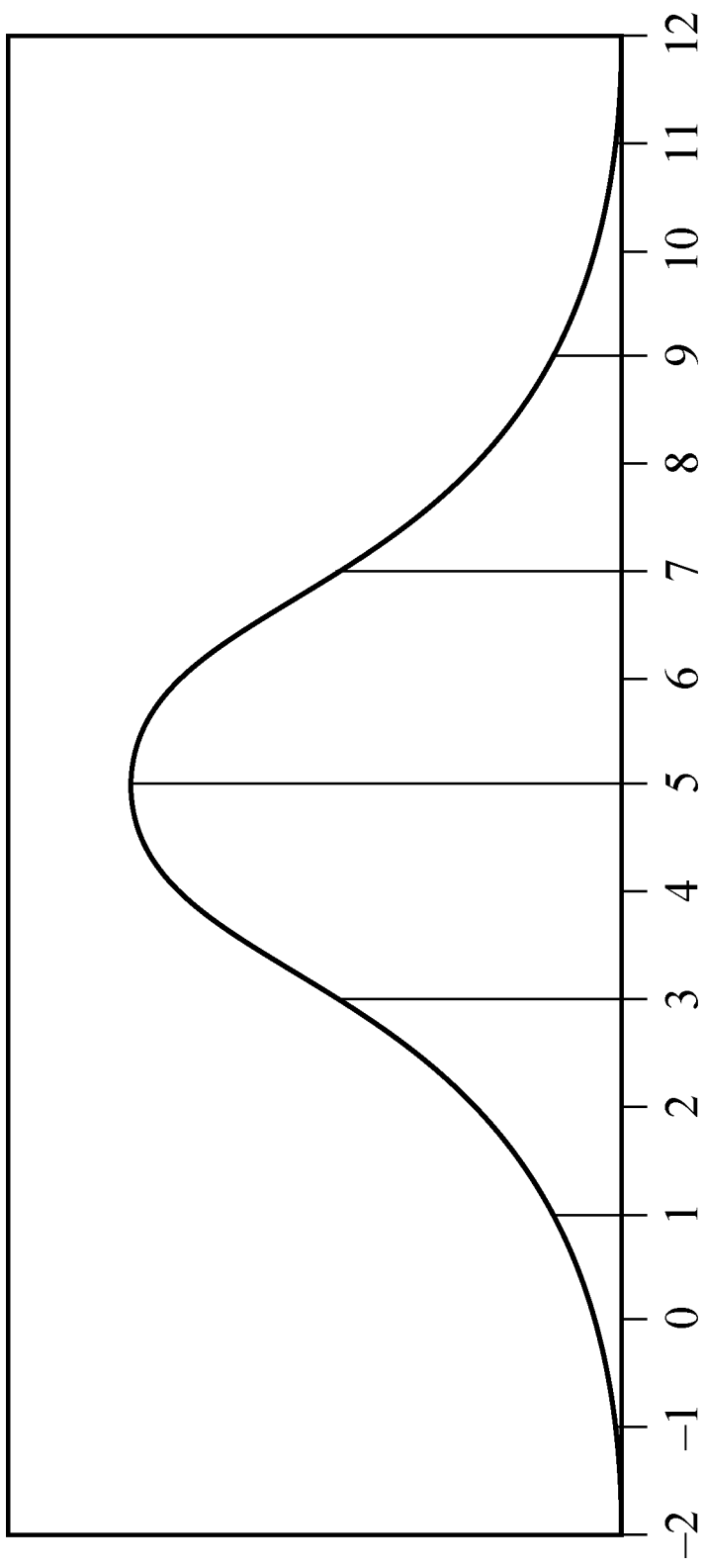


Data Analysis Figure 20

Two Normal Distributions with the Same Center



Data Analysis Figure 21



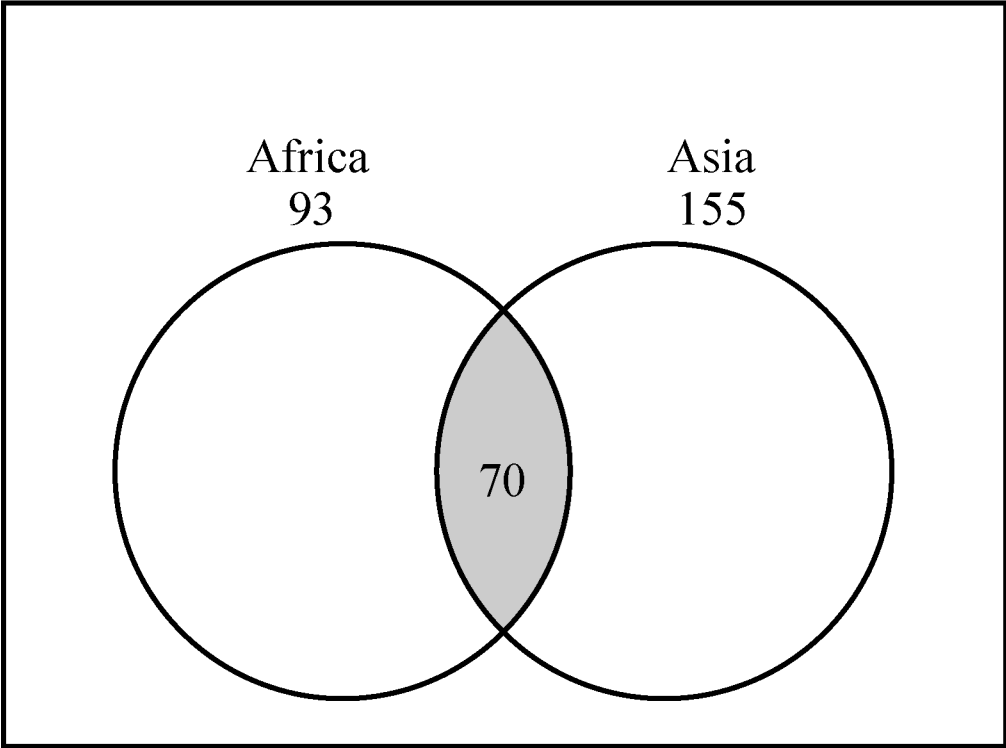
Data Analysis Figure 22

Distribution of Customer Complaints Received by Airline *P*, 2003 and 2004

Category	2003	2004
Flight problem	20.0%	22.1%
Baggage	18.3	21.8
Customer service	13.1	11.3
Reservation and ticketing	5.8	5.6
Credit	1.0	0.8
Special passenger accommodation	0.9	0.9
Other	40.9	37.5
Total	100.0%	100.0%
Total number of complaints	22,998	13,278

Data Analysis Figure 23

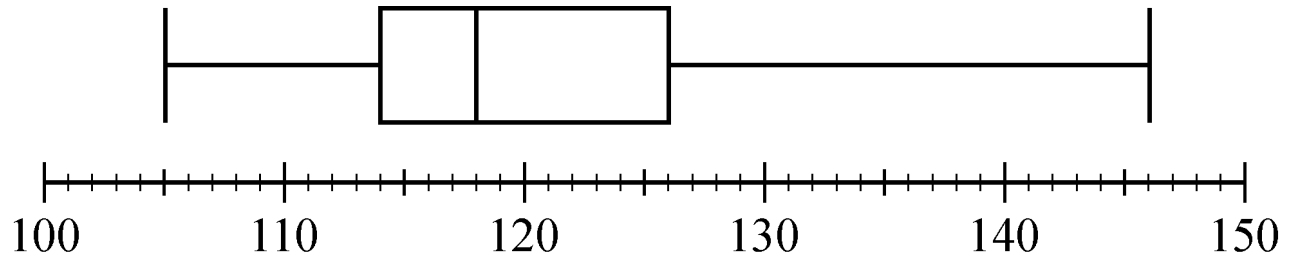
Travelers Surveyed: 250



Data Analysis Figure 24

X	Relative Frequency
0	0.18
1	0.33
2	0.10
3	0.06
4	0.33

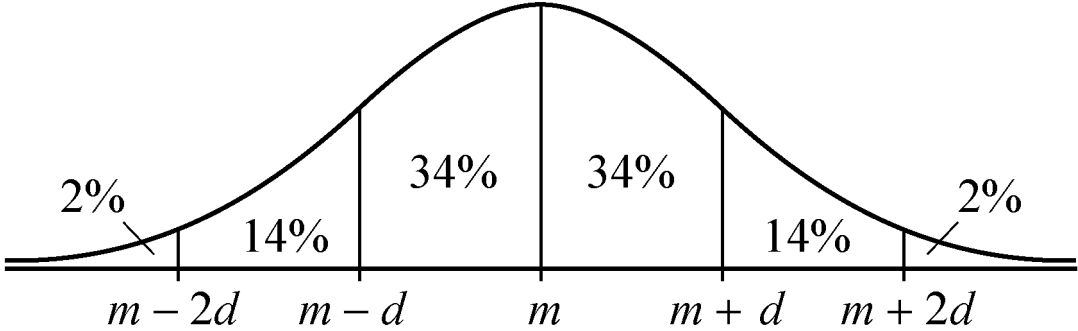
Data Analysis Figure 25



Data Analysis Figure 26

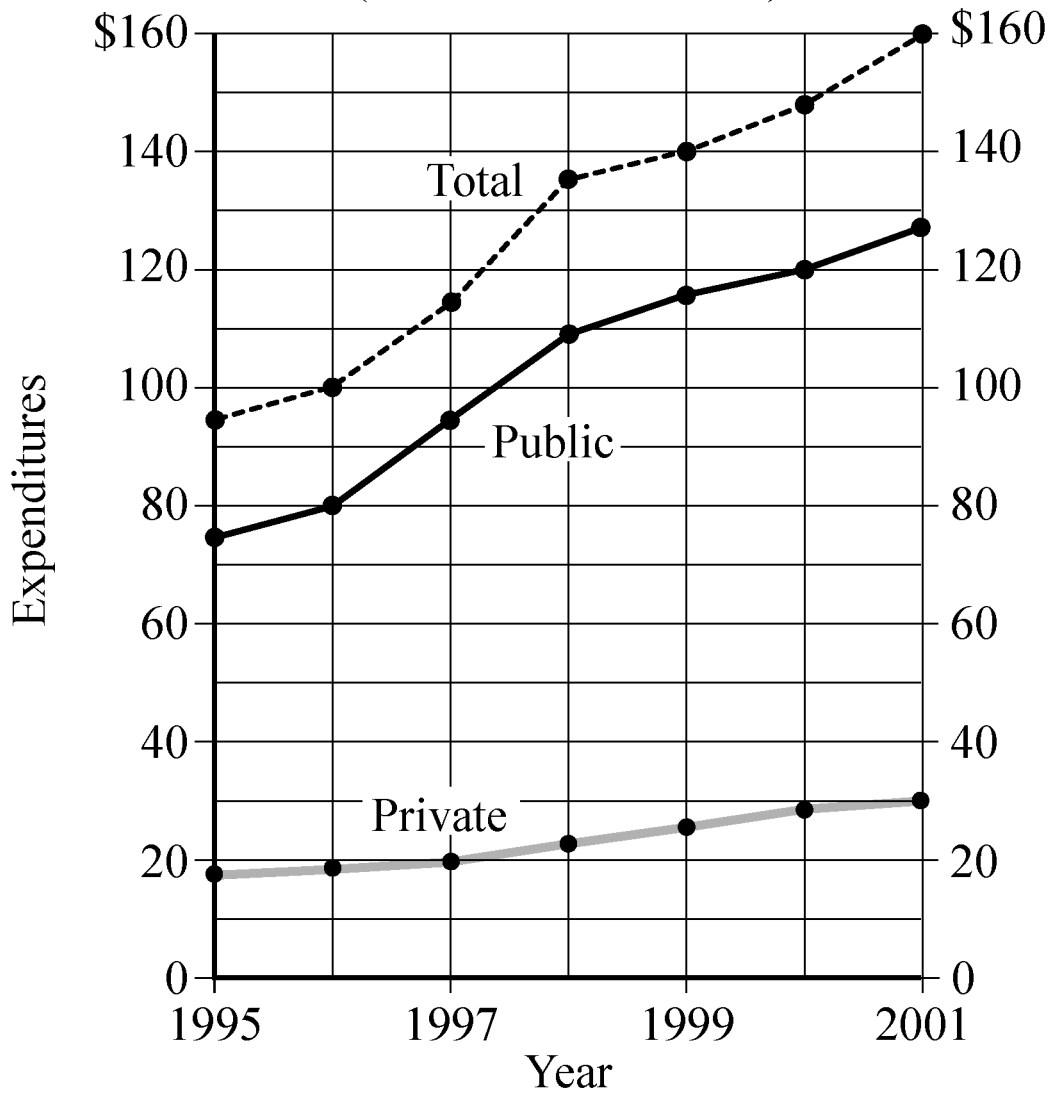
	Sophomores	Juniors	Seniors
Males	6	10	2
Females	10	9	3

Data Analysis Figure 27



Data Analysis Figure 28

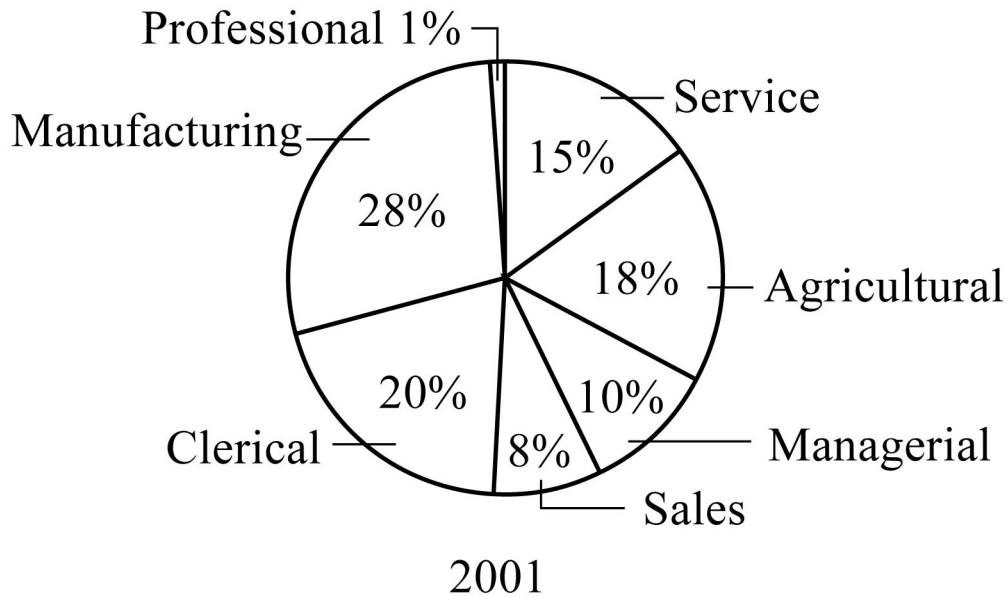
Public And Private School Expenditures
1995–2001
(in billions of dollars)



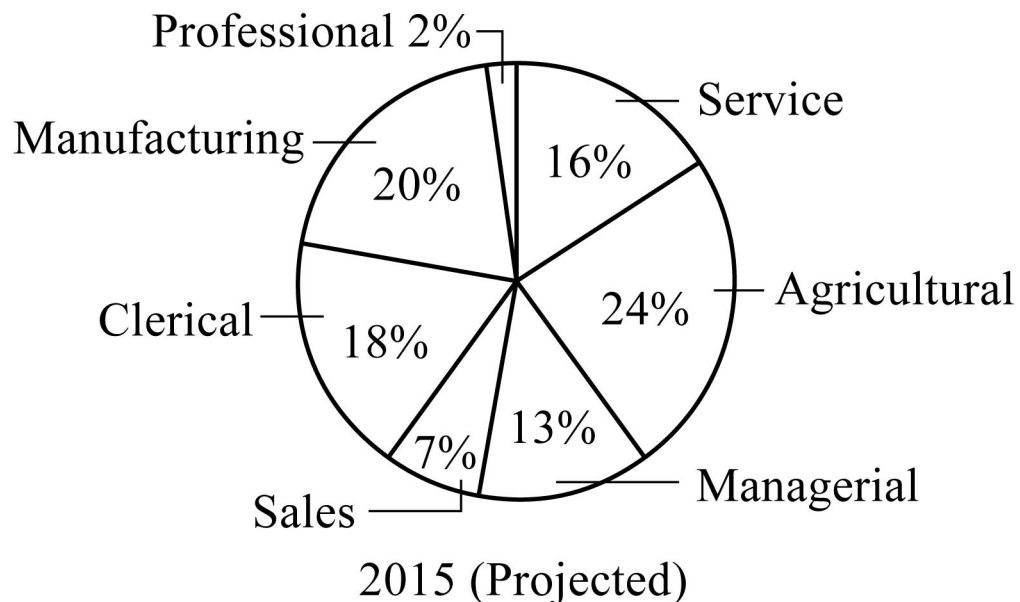
Data Analysis Figure 29

Distribution of Workforce by Occupational Category for Region Y in 2001 and Projected for 2015

Total workforce: 150 million

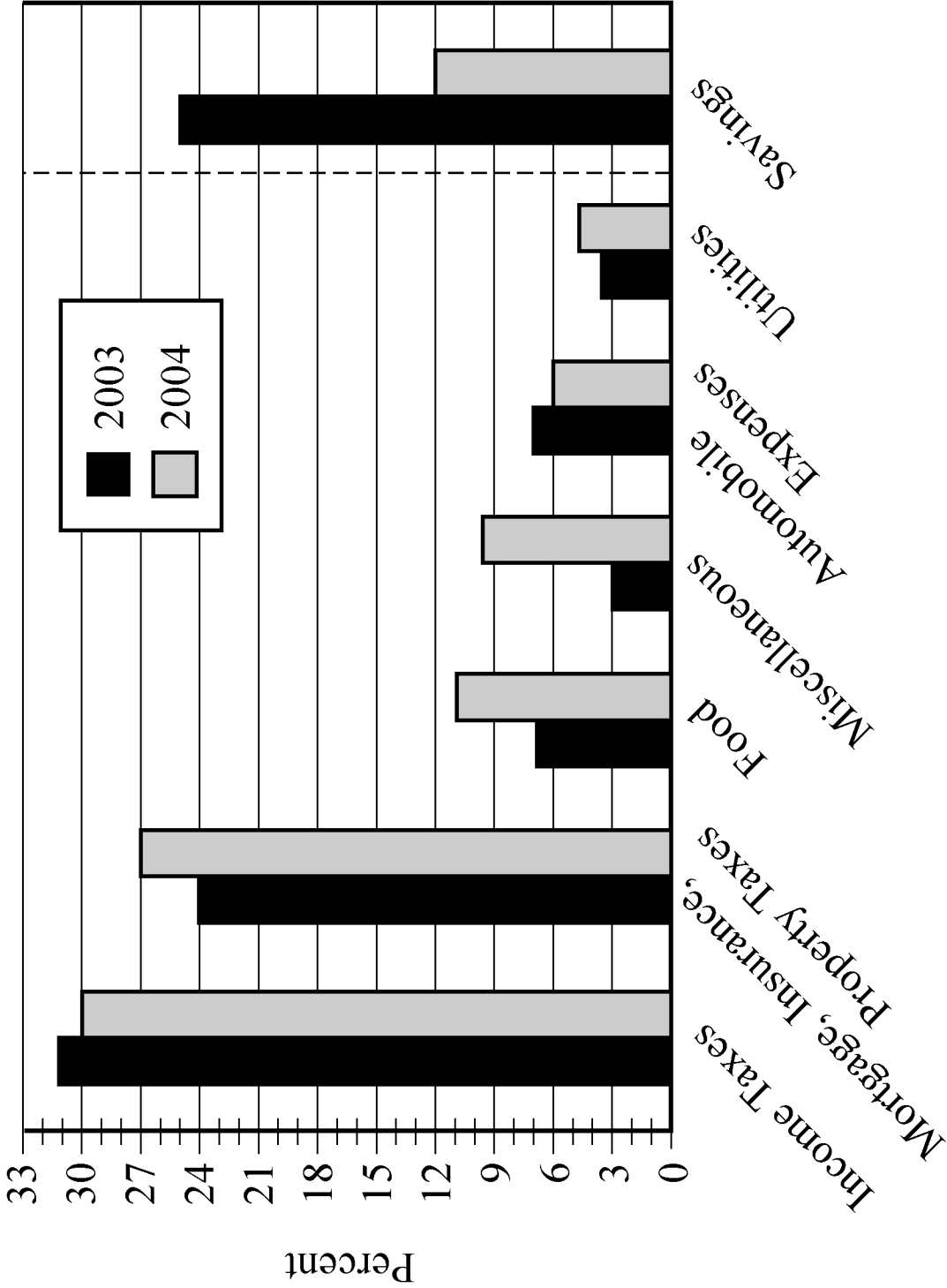


Total workforce: 175 million



Data Analysis Figure 30

A Family's Expenditures and Savings
as a Percent of Its Gross Annual Income*



*2003 Gross annual income: \$50,000

2004 Gross annual income: \$45,000