

AP Stats

Chapter 1 Introduction Homework

Chapter 1: Introduction Alternate Examples

U.S. Census Data

Here is information about 10 randomly selected U.S. residents from a recent census, imported using Fathom software.

State	Number of family members	Age	Gender	Marital status	Total income	Travel time to work
Kentucky	2	61	Female	Married	21,000	20
Florida	6	27	Female	Married	21,300	20
Wisconsin	2	27	Male	Married	30,000	5
California	4	33	Female	Married	26,000	10
Michigan	3	49	Female	Married	15,100	25
Virginia	3	26	Female	Married	25,000	15
Pennsylvania	4	44	Male	Married	43,000	10
Virginia	4	22	Male	Never married/ single	3,000	0
California	1	30	Male	Never married/ single	40,000	15
New York	4	34	Female	Separated	30,000	40

Problem:

Who are the individuals in this data set?

The individuals in this data set are 10 randomly selected US residents from a recent census

What variables are measured? Identify each as categorical or quantitative

There are 7 variables measured. The categorical variables are State, Gender and Marital Status. The quantitative variables are the number of family members, age, total income & travel time to work.

Describe the individual in the first row.

The resident in the first row is a 61 year old married female from Kentucky who drives 20 minutes to work and has a total income of \$21,000. There are 2 family members in her household.