

MEDICAL DATA AND VARIABLES

1. Give 10 examples of qualitative medical data.
2. Give 10 examples of metric medical data.
3. Give 10 examples of medical data of signal type.
4. For the following elements please specify the name of the statistical unit, name of the variable, type of the variable, and scale (see the model presented in the table - first element):
 - a. Number of pages of 300 books in a Library.
 - b. The expenses fees of a dentistry office for a year.
 - c. The temperature of a patient hospitalized in a sepsis section measured every morning at 6 a.m.
 - d. Place of birth of first year students of the Faculty of Dentistry.
 - e. Apgar score obtained for each child born on 14/10/2008 in 1st Gynecology Hospital.

	Statistical unit	variable	Type of variable	scale
a	book	No of pages	Metric (quantitative) - discrete	Interval
b				
c				
d				
e				

5. Identify which of the following examples is a statistical variable and which is a constant:
 - a. Number of days in August
 - b. The number of surgeries per day in a hospital
 - c. The age of patients hospitalized in the Department of Traumatology
 - d. The number of consultations in an ambulatory
 - e. Maximum value of Apgar score
 - f. The temperature of patients hospitalized in room 201
 - g. Systolic blood pressure of hospitalized patients
 - h. Tuition fees per academic year 2008-2009 at the "Iuliu Hațieganu" University of Medicine and Pharmacy Cluj-Napoca.
6. Specify the type of data and scale of measurements for the following data obtained from the observation sheet of a patient:
 - a. Sex: female
 - b. County: București
 - c. Marital status: married
 - d. Age: 28 years
 - e. Temperature: 37.9°C
 - f. Pulse: 74 beats per minute
 - g. Systolic Blood Pressure: 180/110 mmHg
 - h. Blood type: AB
 - i. Any known allergies to drugs: NO
 - j. Any known chronic diseases: hepatitis B
 - k. Diagnosis at admission: upper respiratory infection.