

# Data Types

Dale Easley  
University of Dubuque



# Data type: Category or Nominal



# Data type: Ranked or Ordinal

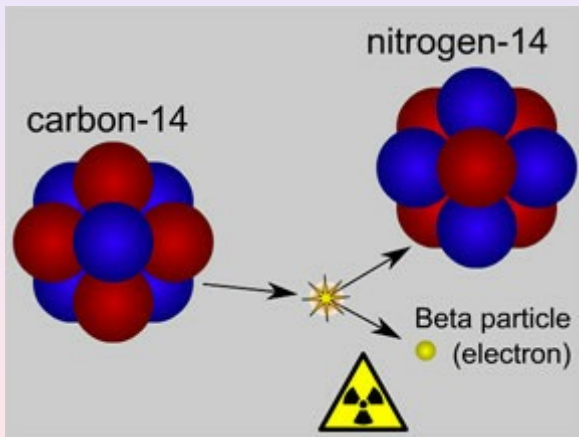
Mohs Hardness	Mineral
1	Talc
2	Gypsum
3	Calcite
4	Flourite
5	Apatite
6	Orthoclase
7	Quartz
8	Topaz
9	Corundum
10	Diamond



## Data type: Ranked or Ordinal

<b>Rank–2009</b>	<b>Cause of death, males, all ages</b>
1	Heart disease
2	Cancer
3	Unintentional injuries
4	Chronic lower respiratory diseases
5	Stroke
6	Diabetes
7	Suicide
8	Influenza and pneumonia
9	Kidney disease
10	Alzheimer's disease

# Data type: Counts



# Data Type: Counts



[Amboseli Wildlife Census, 2010](#)

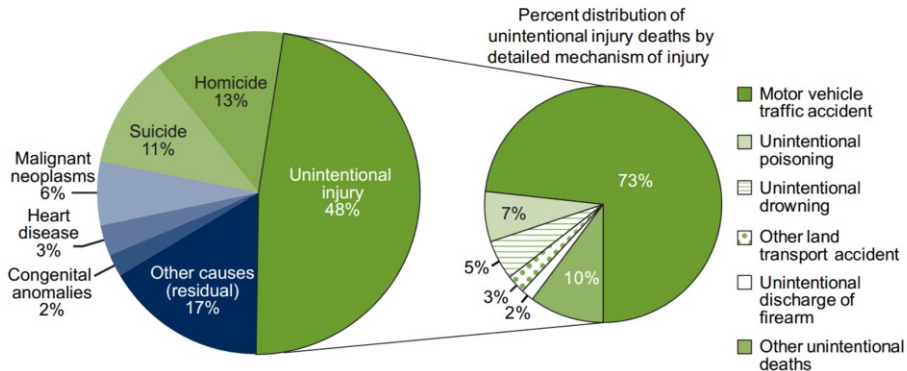
# Data type: Interval



Is -20 degrees twice as cold as -10?

# Data type: Ratio

Figure 3: Percent Distribution of all Deaths to Teenagers 12-19 Years by Cause of Death, 1999-2006



Source: National Vital Statistics System, 2010



# Data type: Ratio

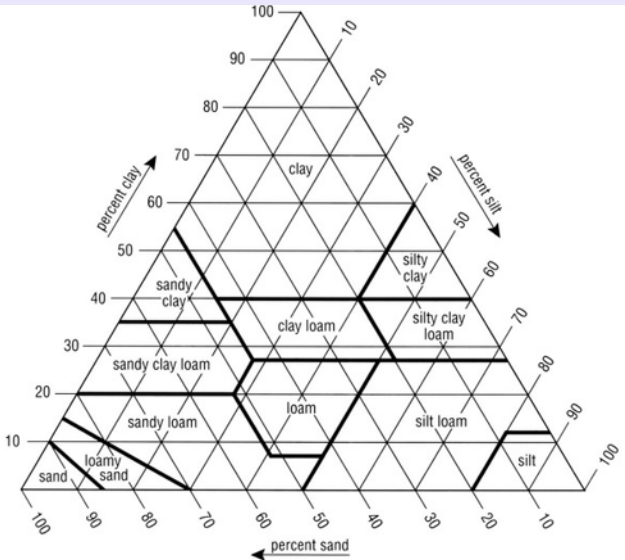
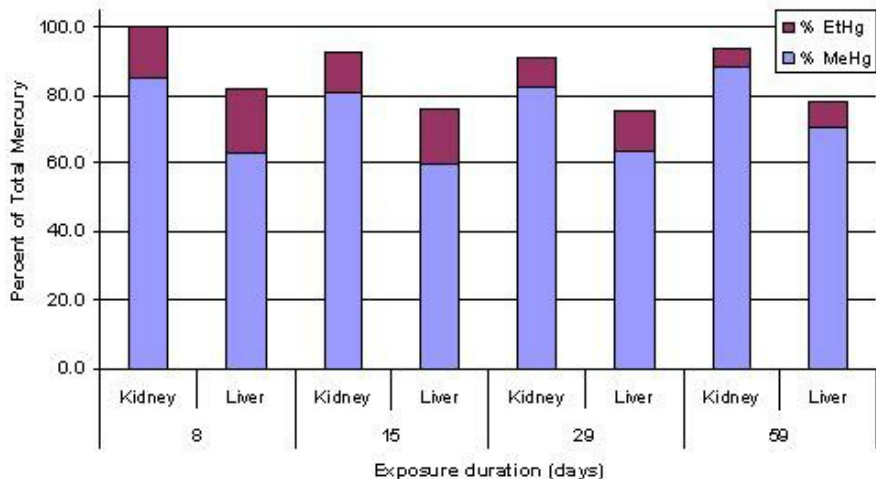


Chart showing the percentages of clay, silt, and sand in the basic textural classes.

# Data Type: Ratio



[EPA study](#)