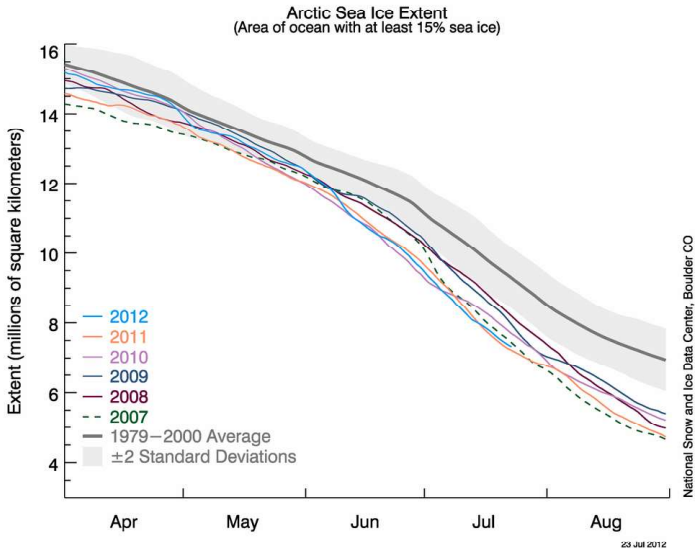
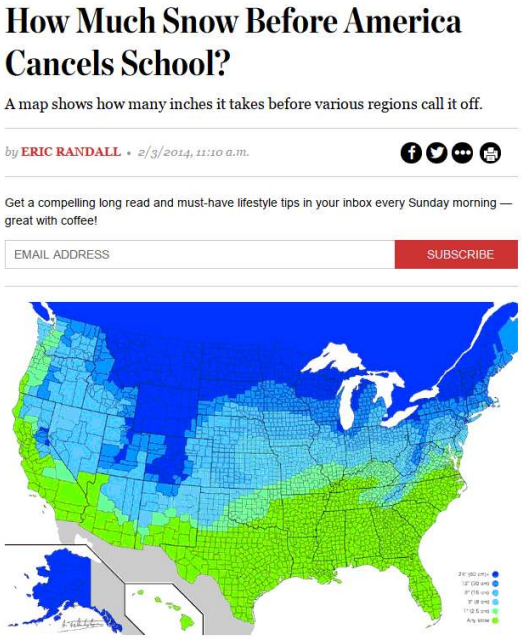
Examples of (good and bad) data visualizations

1



2



How Much Snow Before America Cancels School?

A map shows how many inches it takes before various regions call it off.

by ERIC RANDALL • 2/3/2014, 11:10 a.m.

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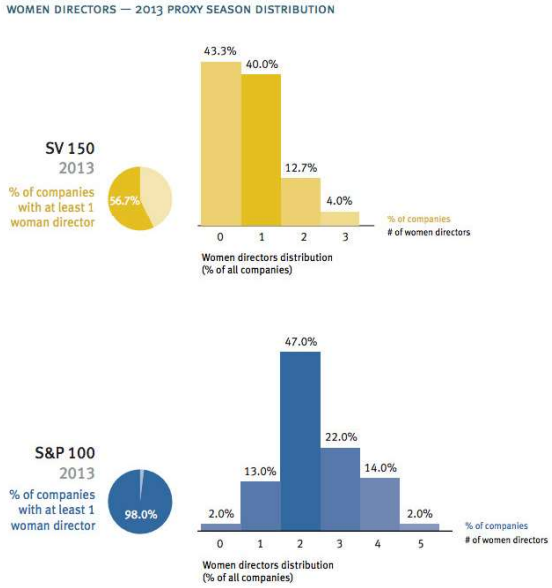
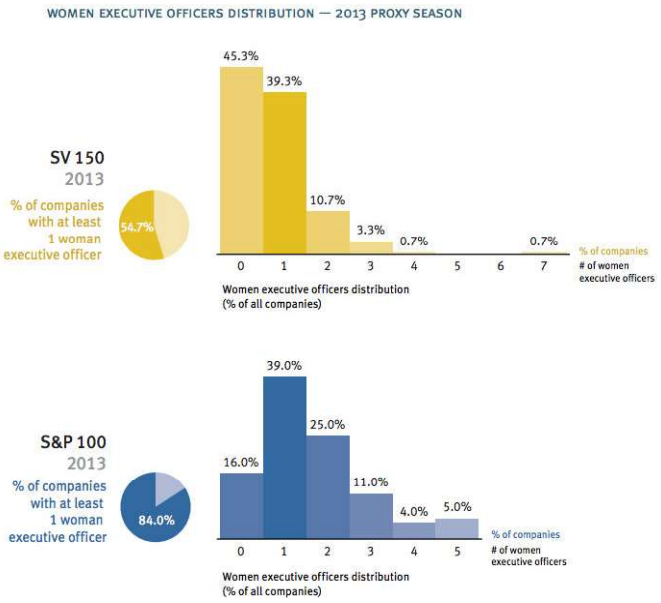
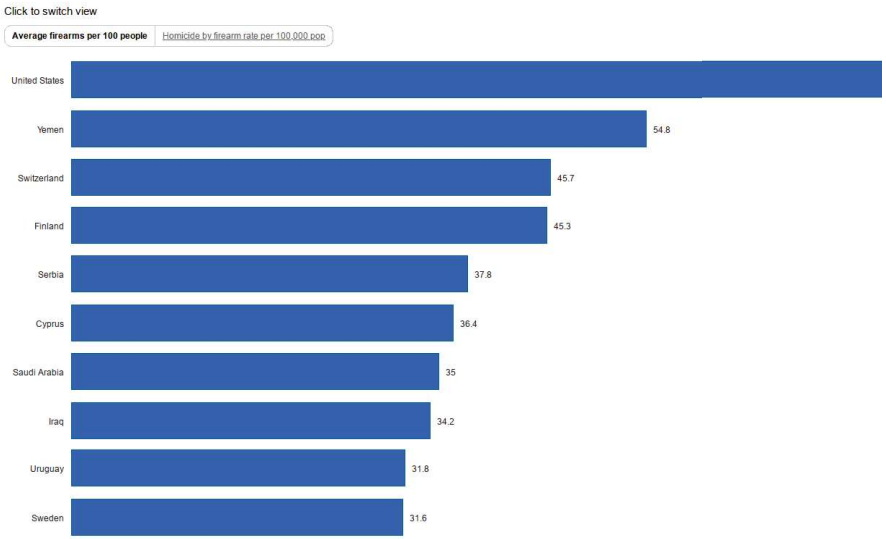
3



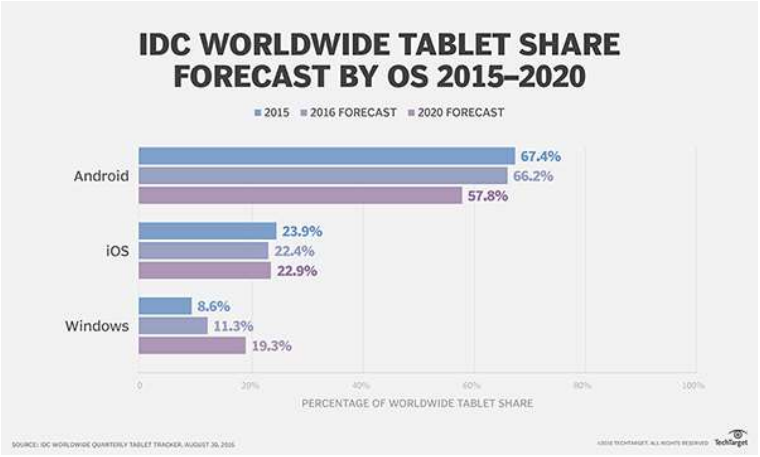
4


WOMEN EXECUTIVE OFFICERS DISTRIBUTION — 2013 PROXY SEASON
SV 150
2013
% of companies with at least 1 woman executive officer
54.7%
45.3%
39.3%
10.7%
3.3%
0.7%
0.7%
0 1 2 3 4 5 6 7
% of companies
# of women executive officers
Women executive officers distribution (% of all companies)
S&P 100
2013
% of companies with at least 1 woman executive officer
84.0%
16.0%
39.0%
25.0%
11.0%
4.0%
5.0%
0 1 2 3 4 5
% of companies
# of women executive officers
Women executive officers distribution (% of all companies)

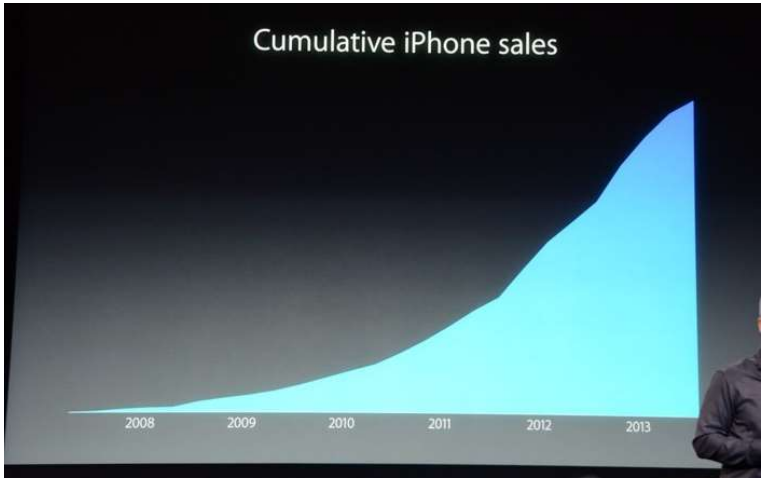
5


Gun ownership by country
Click to switch view
Average firearms per 100 people
Homicide by firearm rate per 100,000 pop
United States
Yemen
54.8
Switzerland
45.7
Finland
45.3
Serbia
37.8
Cyprus
36.4
Saudi Arabia
35
Iraq
34.2
Uruguay
31.8
Sweden
31.6

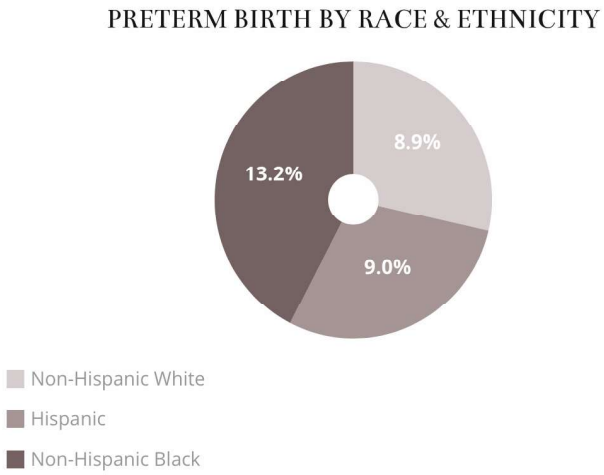
6


IDC WORLDWIDE TABLET SHARE FORECAST BY OS 2015–2020
2015
2016 FORECAST
2020 FORECAST
Android
67.4%
66.2%
57.8%
iOS
23.9%
22.4%
22.9%
Windows
8.6%
11.3%
19.3%
PERCENTAGE OF WORLDWIDE TABLET SHARE

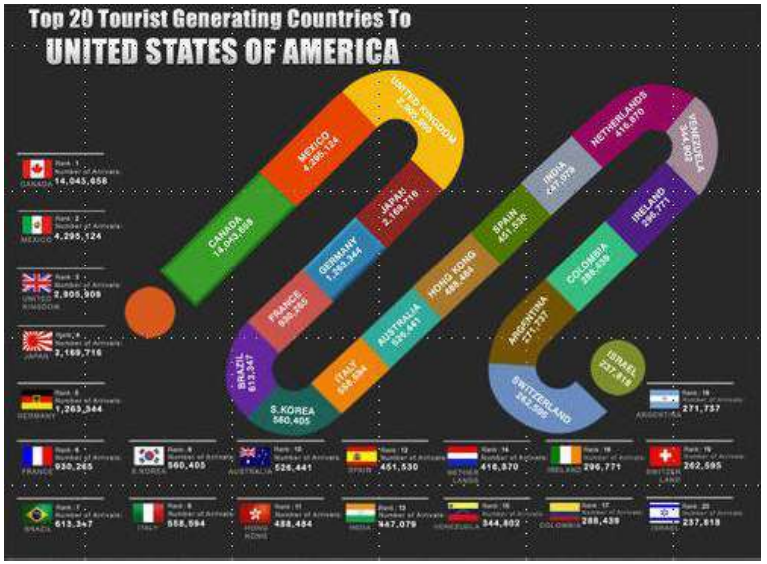
7


Cumulative iPhone sales
2008
2009
2010
2011
2012
2013

8


PRETERM BIRTH BY RACE & ETHNICITY
8.9%
9.0%
13.2%
Non-Hispanic White
Hispanic
Non-Hispanic Black

9


Top 20 Tourist Generating Countries To
UNITED STATES OF AMERICA
CANADA
MEXICO
UNITED KINGDOM
JAPAN
GERMANY
FRANCE
BRAZIL
S.KOREA
AUSTRALIA
ITALY
HONG KONG
SPAIN
INDIA
NETHERLANDS
VENEZUELA
IRELAND
COLOMBIA
ARGENTINA
SWITZERLAND
ISRAEL

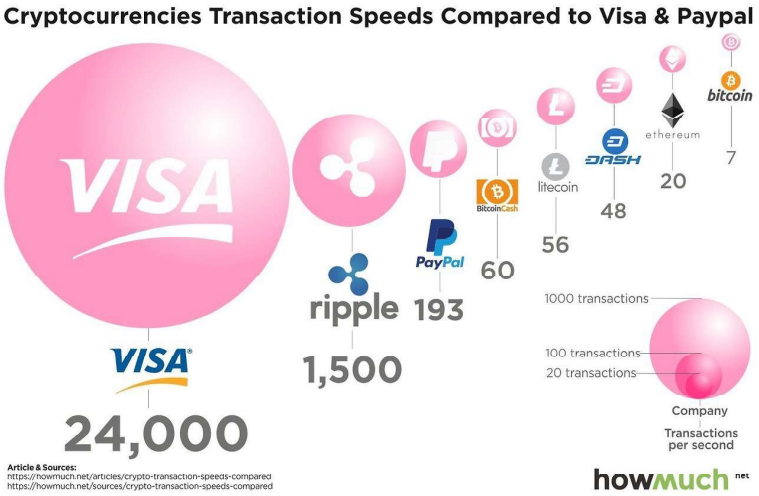
10

SALES ARE STRONG & PRICES ARE GOING UP
Number of Sold Businesses Are Going Up
7,056
7,494
7,222
7,842
2013
2014
2015
2016
Average Sale Price of Businesses Are Going Up
$180k
$185k
$199k
$200k
2013
2014
2015
2016

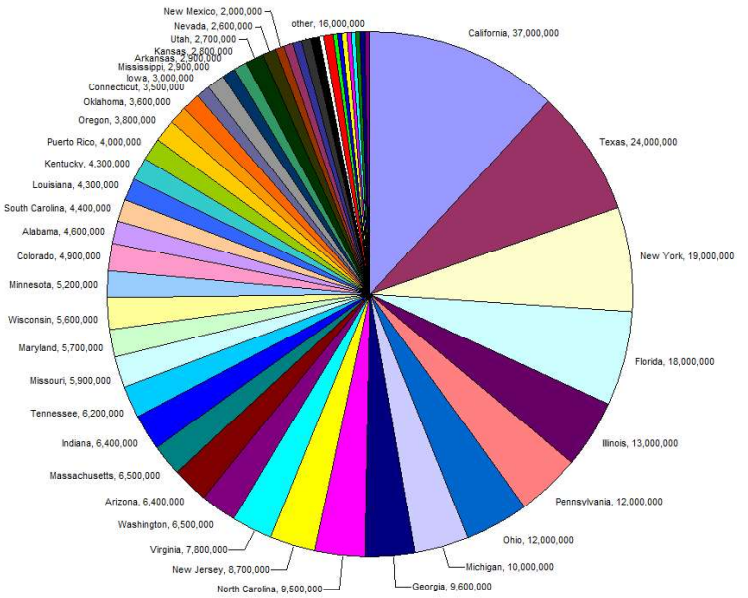
11

C5N #QuedateEnCasa
12:56 23°2
TESTEOS POR MILLÓN DE HABITANTES
258
330
7.000
14.100
15.700
22.300
BRASIL
ARGENTINA
EEUU
ITALIA
ALEMANIA
NORUEGA
ANTE LA PRESENCIA DE SINTOMAS LLAMAR AL 107 SAN LUIS

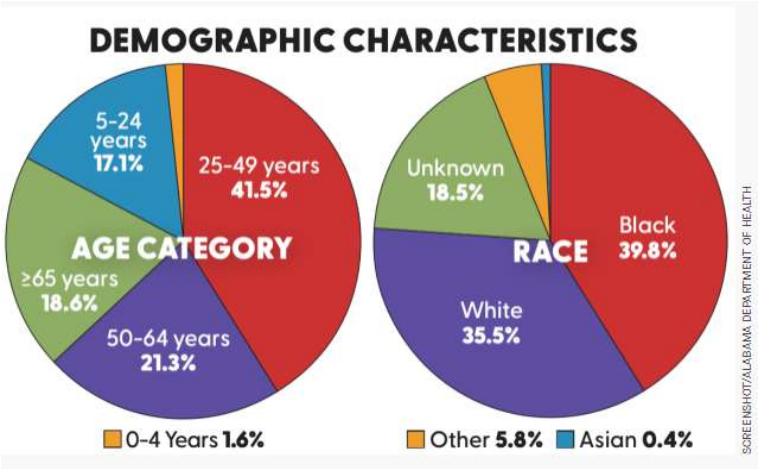
12


Cryptocurrencies Transaction Speeds Compared to Visa & Paypal
VISA
24,000
ripple
1,500
PayPal
193
BitcoinCash
60
litecoin
56
DASH
48
ethereum
20
bitcoin
7
1000 transactions
100 transactions
20 transactions
Company
Transactions per second
howmuch.net
Article & Sources:
https://howmuch.net/articles/crypto-transaction-speeds-compared
https://howmuch.net/sources/crypto-transaction-speeds-compared

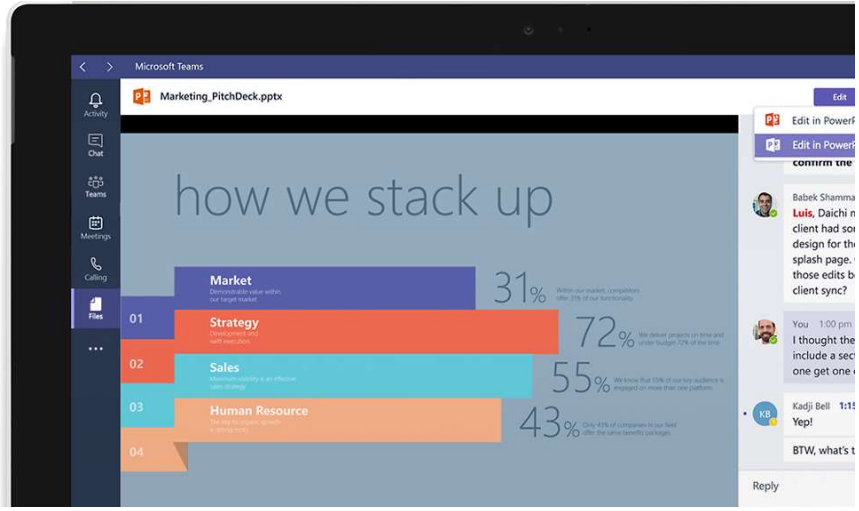
13


California, 37,000,000
Texas, 24,000,000
New York, 19,000,000
Florida, 18,000,000
Illinois, 13,000,000
Pennsylvania, 12,000,000
Ohio, 12,000,000
Michigan, 10,000,000
Georgia, 9,600,000
North Carolina, 9,500,000
New Jersey, 8,700,000
Virginia, 7,800,000
Washington, 6,500,000
Arizona, 6,400,000
Massachusetts, 6,500,000
Indiana, 6,400,000
Tennessee, 6,200,000
Missouri, 5,900,000
Maryland, 5,700,000
Wisconsin, 5,600,000
Minnesota, 5,200,000
Colorado, 4,900,000
Alabama, 4,600,000
South Carolina, 4,400,000
Louisiana, 4,300,000
Kentucky, 4,300,000
Puerto Rico, 4,000,000
Oregon, 3,800,000
Oklahoma, 3,600,000
Connecticut, 3,500,000
Iowa, 3,000,000
Mississippi, 2,900,000
Arkansas, 2,900,000
Kansas, 2,800,000
Utah, 2,700,000
Nevada, 2,600,000
New Mexico, 2,000,000
other, 16,000,000

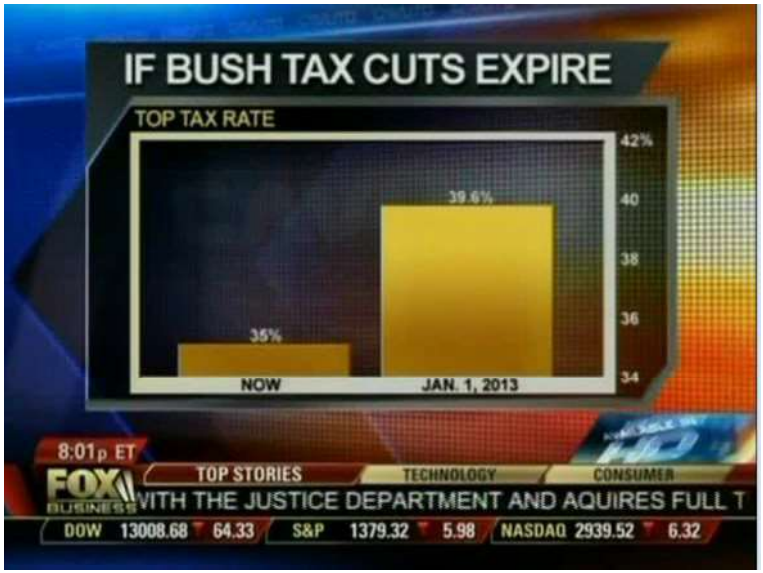
14


DEMOGRAPHIC CHARACTERISTICS
AGE CATEGORY
5-24 years 17.1%
25-49 years 41.5%
≥65 years 18.6%
50-64 years 21.3%
0-4 Years 1.6%
RACE
Unknown 18.5%
Black 39.8%
White 35.5%
Other 5.8%
Asian 0.4%
SCREENSHOT/ALABAMA DEPARTMENT OF HEALTH

15

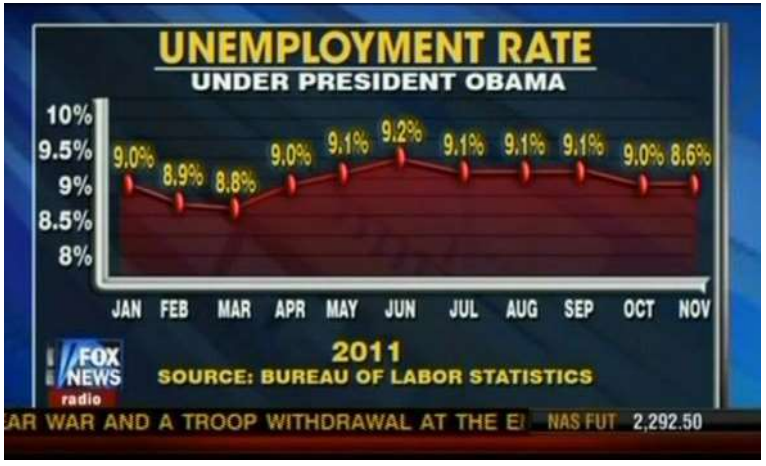

Microsoft Teams
Marketing_PitchDeck.pptx
how we stack up
Market
31%
Strategy
72%
Sales
55%
Human Resource
43%
01
02
03
04
Edit
Edit in PowerP
Reply

16



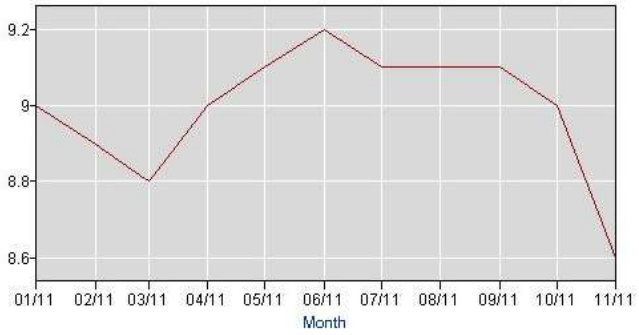
17

18



19

Data extracted on: December 12, 2011 (9:50:59 AM)

Labor Force Statistics from the Current Population Survey

```
Series Id:           LNS14000000
Seasonally Adjusted
Series title:        (Seas) Unemployment Rate
Labor force status:  Unemployment rate
Type of data:        Percent or rate
Age:                 16 years and over
```