

Histograms – Day 3

Unit 8: Statistics

Draw a histogram for each data set.

1.

Annual Household Income

\$11,150	\$28,950	\$45,200	\$16,500	\$31,450	\$11,600
\$10,900	\$20,350	\$9,550	\$21,450	\$5,200	

2.

Single Family Home Prices

\$357,000	\$343,800	\$361,500	\$365,900	\$348,000	\$350,900
\$331,400	\$354,300	\$327,400	\$361,700	\$358,500	\$350,500
\$342,500	\$347,800	\$348,300	\$351,800	\$326,100	\$336,900
\$323,300	\$362,100	\$347,900	\$345,100	\$343,900	

3.

Birth Rate

Country	Births/woman	Country	Births/woman	Country	Births/woman
Iran	1.85	Barbados	1.68	Australia	1.77
Mexico	2.29	Marshall Islands	3.22	Somalia	6.08
Mauritania	4.07	Brunei	1.82	Denmark	1.73
Brazil	1.69	Canada	1.59	Nauru	2.93
Costa Rica	1.91	Oman	2.86	France	2.08

Draw a histogram for each data set.

4.

Boiling Point

Substance	°C	Substance	°C	Substance	°C
Carbon	4,827	Nitric Acid	83	Nickel	2,913
Iodine	184.3	Glycerol	290	Gold	2,856
Chloroform	61.2	Sulphuric Acid	337	Copper	2,562
Sodium	882.8	Sea Water	100.7	Zinc	907
Mercury	356.7	Lead	1,750	Sulphur	444.7
Potassium	758.8	Calcium	1,484	Titanium	3,287
Ethanol	78.4	Tin	2,603	Platinum	3,825
Silver	2,162	Silicon	2,357		

5.

Monthly Revenue

\$68,820	\$62,300	\$67,640	\$80,290	\$61,790	\$74,730
\$70,220	\$53,950	\$63,350	\$73,250	\$63,740	\$56,550
\$48,600	\$44,470	\$68,510	\$49,310	\$46,310	\$79,020
\$64,900	\$63,550	\$69,760	\$64,210	\$74,710	

6.

Large US Cities

City	Population	City	Population	City	Population
Mesa	439,041	Charlotte	731,424	Colorado Springs	416,427
San Antonio	1,327,407	Reno	225,221	Tucson	520,116
Louisville	597,337	Columbus	787,033	Omaha	408,958
Chula Vista	243,916	Fresno	494,665	Detroit	713,777
Stockton	291,707	Buffalo	261,310	Lexington	295,803
San Jose	945,942	Winston-Salem	229,617	Kansas City	459,787
Virginia Beach	437,994	Los Angeles	3,792,621	Chesapeake	222,209