

Box Plots and Histograms

Date _____ Period _____

Draw a box-and-whisker plot for each data set.

1) Mountain Heights

Name	Feet	Name	Feet	Name	Feet	Name	Feet
Diran	23,839	Saser Kangri III	24,590	Skyang Kangri	24,754	Yutmaru Sar	23,894
Batura Sar	25,574	Gyachung Kang	26,089	Ghent Kangri	24,281	Annapurna I	26,545
Labuche Kang III	23,786	Trivor	24,859	Lhotse	27,940	Muztagh Tower	23,871
Cho Oyu	26,864	Noshaq	24,580	Porong Ri	23,924		

2) Age at First Job

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3) Average Lifespan

Animal	Years	Animal	Years	Animal	Years	Animal	Years
Nutria	15	Hare	10	Caiman	28	Macaw	50
Elk	22	Quail	6	Norwegian Rat	4	Human	75
Crocodile	45	Chinchilla	20	Bison	30	Rat Snake	23
South African Clawed Toad	15	Toad	36	Rhinoceros	40	Lion	35

4) Average Lifespan

Animal	Years	Animal	Years	Animal	Years	Animal	Years	Animal	Years
Cat	25	Rainbow Lorikeet	15	Fox	14	Nutria	15	Grouse	10
Mosquitofish	2	Cockatiel	32	Canada Goose	33	Mouse	4	Quail	6
Grey Squirrel	20	Norwegian Rat	4	Macaw	50	Ant (Queen)	3	Catfish	60
Mallard	20								

5) Goals in a Hockey Game

1	7	7	7	5	3	7	6
3	7	5	9	6	6	3	

6) Injuries Due to Distracted Driving per Month

8,879	7,958	6,473	6,846
8,206	6,101	4,496	8,024
5,074	10,404	6,667	5,770
9,317	9,904	8,697	12,328
8,145			

7) Games per World Series

5	5	7	7	5	7	6	5
6	4	7	4	4	7	4	

8) Melting Point

Substance	°C	Substance	°C
Radium	699.8	Argon	189.2
Iodine	113.7	Platinum	1,768
Silicon	1,414	Plutonium	639.4
Gold	1,064	Cobalt	1,495
Silver	961.8	Tin	231.9
Glycerol	17.8	Zinc	419.5
Titanium	1,668	Phosphorus	44.2
Carbon	3,550	Aluminum	660.3
Potassium	63.4		

9) Large Cities

City	Population	City	Population	City	Population	City	Population
Johannesburg	4,434,827	Dongguan	8,220,207	Tehran	8,154,051	Lahore	11,318,745
Dhaka	8,906,039	Nairobi	3,138,369	Chennai	4,792,949	Delhi	11,007,835
Beijing	21,150,000	Dar es Salaam	4,364,541	Cairo	8,922,949	Nanjing	4,393,857
Suzhou	4,327,066	Luanda	6,542,944	Rio de Janeiro	6,429,923		

10) Annual Household Income

14,550	17,550	14,950	23,900
11,900	13,600	21,450	33,250
19,500	15,500	24,300	6,550
15,150	5,650	7,150	6,350
40,700			

Draw a histogram for each data set.

11)

Life Expectancy

State	Years	State	Years	State	Years	State	Years	State	Years
Virginia	82.5	Hawaii	79.7	District of Columbia	77.9	Tennessee	77.9	Georgia	80.1
Oklahoma	78.2	West Virginia	74.1	Montana	74.1	Colorado	80.9	New Jersey	82.4
Nebraska	79.8	Maryland	81	Rhode Island	79.7	Alabama	78.1	Washington	80.3

12)

Basketball Tournament Champions

School	Times Won	School	Times Won	School	Times Won
Villanova	1	Arizona	1	Wisconsin	1
Utah	1	Stanford	1	North Carolina State	2
Ohio State	1	San Francisco	2	Cincinnati	2
Kansas	3	NY City College	1	Michigan	1
Oregon	1	Oklahoma State	2	North Carolina	5
Loyola-Chicago	1				

13) Injuries Due to Distracted Driving per Month

7,129	7,849	7,653	5,133	6,050
9,890	11,798	7,271	8,266	4,604
3,952	7,194	9,322	8,593	6,352

14)

Large US Cities

City	Population	City	Population	City	Population	City	Population
Laredo	236,091	Stockton	291,707	Henderson	257,729	Reno	225,221
Dallas	1,197,816	Baton Rouge	229,493	Kansas City	459,787	New York	8,175,133
Milwaukee	594,833	Chicago	2,695,598	Bakersfield	347,483	Nashville	601,222
Baltimore	620,961	Orlando	238,300	Sacramento	466,488	Buffalo	261,310
Columbus	787,033						

15)

Birth Rate

Country	Births/woman	Country	Births/woman	Country	Births/woman
Madagascar	4.28	Sweden	1.88	Switzerland	1.54
Seychelles	1.88	Tonga	3.36	Hungary	1.42
Kazakhstan	2.34	Libya	2.07	Peru	2.22
Paraguay	1.96	Brazil	1.69	Ecuador	2.29
Comoros	3.76	Cape Verde	2.34	Afghanistan	5.43
Bosnia & Herzegovina	1.26	Bulgaria	1.44		