

HW54: Standard Deviation

Find the mean and sample standard deviation for each data set.

1) Birth Rate

Country	Births/woman	Country	Births/woman	Country	Births/woman	Country	Births/woman
Belgium	1.65	Fiji	2.51	Belize	3.02	Bahrain	1.81
Ukraine	1.3	Brazil	1.69	North Korea	1.98	Georgia	1.77
Myanmar	2.18	Samoa	2.94	South Korea	1.25		

2) Basketball Tournament

School	Appearances	School	Appearances	School	Appearances
Baylor	9	Florida Atlantic	1	Cal Poly	1
Fordham	4	South Carolina	8	North Texas	3
Georgia State	3	Arizona State	13	Canisius	4
Towson	2	Western Michigan	4		

3) Average Lifespan

Animal	Years	Animal	Years
Toucan	6	Red Eared Turtle	7
Bull	28	Redhead Duck	17
Mallard	20	Macaw	50
Kangaroo	9	English Sparrow	23
Chimpanzee	40		

4) Boiling Point

Substance	°C	Substance	°C
Carbon	4,827	Plutonium	3,232
Sodium	882.8	Cobalt	2,870
Uranium	4,131	Lead	1,750
Silver	2,162	Mercury	356.7
Gold	2,856	Glycerol	290
Titanium	3,287		

5) Mens Heights (Inches)

73	70	76	78	68	70	68
65	72					

6) Annual Household Income

12,150	31,300	20,400	8,600
9,200	24,300	20,150	25,100
8,150			

7) Average Lifespan

Animal	Years	Animal	Years	Animal	Years	Animal	Years
Tapir	30	Toucan	6	Flying Squirrel	14	Elk	22
Hog	18	Sulphur Crested Cockatoo	40	Catfish	60	Domestic Pigeon	26
Redhead Duck	17	Mosquitofish	2	Great Horned Owl	68		

8) Games per World Series

4	4	6	6	6	7	4	5
4							

9) Injuries Due to Distracted Driving per Month

8,116	8,575	8,460	8,740	9,017
9,274	9,048	8,209	9,693	8,826
8,298				

10) Age At Inauguration

President	Age	President	Age	President	Age	President	Age
Jimmy Carter	52	Lyndon B Johnson	55	Grover Cleveland	47	Ulysses S Grant	46
Andrew Johnson	56	Franklin Pierce	48	James Monroe	58	Dwight D Eisenhower	62
Franklin D Roosevelt	51	William McKinley	54				