

Name: _____

Date: _____

Assignment: _____

Analysis of Hate Crimes in the US

Hate crimes are a crime motivated by racial, sexual, or other prejudice, typically one involving violence.

Race		Religion		Sexual Orientation		Disability	
<i>Anti-African American</i>		<i>Anti-Islamic (Muslim)</i>		<i>Anti-Gay (Male)</i>		<i>Anti-Physically Disabled</i>	
1997	3120	1997	28	1997	760	1997	9
2001	2899	2001	481	2001	980	2001	12
2005	2630	2005	128	2005	621	2005	21
2007	2658	2007	115	2007	772	2007	20
2011	2076	2011	157	2011	760	2011	19
2015	1745	2015	257	2015	664	2015	43

Data from <https://ucr.fbi.gov/hate-crime>

Find the standard deviation for each type of hate crime. Then analyze your data and answer the question on the last page.

Race
Anti-African American

x	\bar{x}	$x-\bar{x}$	$(x-\bar{x})^2$
SUM			
AVERAGE			
Standard Deviation:			

x	\bar{x}	$x-\bar{x}$	$(x-\bar{x})^2$
SUM			
AVERAGE			
Standard Deviation:			

Religion
Anti-Islamic (Muslim)

Sexual Orientation
Anti-Gay (Male)

x	\bar{x}	$x-\bar{x}$	$(x-\bar{x})^2$
SUM			
AVERAGE			
Standard Deviation:			

Disability
Anti-Physically Disabled

x	\bar{x}	$x-\bar{x}$	$(x-\bar{x})^2$
SUM			
AVERAGE			
Standard Deviation:			

Answer the following questions:

1. How are the number of reported hate crimes dispersed from the mean for each type?
 - a. Race: Anti-African American
 - b. Religion: Anti-Islam (Muslim)
 - c. Sexual Orientation Anti-Gay (Male)
 - d. Disability: Anti-Physically Disabled
2. What do you think affected the number of hate crimes in the US? (Either the increase or decrease for each type.)
 - a. Race: Anti-African American
 - b. Religion: Anti-Islam (Muslim)
 - c. Sexual Orientation Anti-Gay (Male)
 - d. Disability: Anti-Physically Disabled
3. What is one way you think we as a community can decrease the number of hate crimes?
4. Based off the most recent presidential election, do you think the number of hate crimes will increase or decrease in the year 2017? Explain why.