

Name:

Date Presented:

Wage Gap in America

In this project you will use the graphical representations we have worked on in class in order to look at some of the inequalities in our society. You will work using median income data pulled from the American Community Survey put together by the U.S. Census Bureau. You and a partner will choose two categories of income, either two ethnicity groups or male and female. For each group you will have to create a dot plot, a stem and leaf plot, a histogram, and a box and whisker plot. You will then compute the following: mean and standard deviation, 5 number summary, Interquartile Range.

I will use the following Rubric for your grade:

Poster Board:

- Dot Plot, accurate and clear - 5 pts each
- Stem and leaf, accurate and clear - 5 pts each
- Histogram, accurate and clear - 5pts each
- Box and whisker Plot, accurate and clear - 5 pts each

Comments:

Points: /40 points

- mean and standard deviation, correct - 5 pts each
- 5 number summary, IQR, correct - 5 pts each

Comments:

Points: /20 points

Seperate Sheet

- all computations for mean, standard deviation, 5 number summary, and IQR - 10 pts each
- Conclusions about similarities/differences between data sets - 10 pts

Comments:

Points: /30 points

Presentation

- Partners display information in a clear and attractive format - 5 pts
- Clear presentation with conclusions - 5 pts

Comments:

Points: /10 Points

TOTAL : /100

Subject 0	Households					
		One race--				
		White	Black or African American	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander
Alabama	42,830	49,652	28,622	44,340	54,577	165,733
Alaska	71,583	79,626	47,226	48,721	62,348	40,227
Arizona	50,068	51,629	40,064	30,293	63,943	37,113
Arkansas	41,262	44,780	27,657	31,354	62,291	33,861
California	61,933	65,070	42,509	45,956	80,080	58,537
Colorado	61,303	63,790	41,763	47,892	60,000	51,564
Connecticut	70,048	76,008	45,002	25,971	88,529	N
Delaware	59,716	64,388	45,264	40,086	85,172	-
District of Columbia	71,648	114,747	40,739	N	81,466	
Florida	47,463	50,336	34,563	35,048	57,814	47,793
Georgia	49,321	56,315	36,521	36,429	67,044	61,760
Hawaii	69,592	68,415	66,343	48,567	74,723	56,766
Idaho	47,861	48,503	30,189	42,558	53,695	35,906
Illinois	57,444	62,243	33,369	37,049	75,908	77,540
Indiana	49,446	51,814	30,112	28,343	56,238	30,250
Iowa	53,712	54,863	28,883	33,981	61,271	49,112
Kansas	52,504	54,702	32,057	42,978	63,220	N
Kentucky	42,958	45,020	26,735	26,857	60,493	27,076
Louisiana	44,555	54,290	27,655	39,161	63,293	55,224
Maine	49,462	50,077	16,760	30,215	41,731	N
Maryland	73,971	81,915	59,346	52,889	94,344	71,075
Massachusetts	69,160	73,614	42,114	41,875	81,505	82,692
Michigan	49,847	53,174	29,697	39,432	72,206	N
Minnesota	61,481	64,281	27,026	32,764	67,944	52,995
Mississippi	39,680	48,591	27,252	37,370	47,114	-
Missouri	48,363	51,259	31,617	32,347	63,179	87,851
Montana	46,328	47,651	23,920	27,937	31,865	-
Nebraska	52,686	54,628	30,774	21,153	45,694	68,396
Nevada	51,450	54,099	36,168	46,805	58,874	43,178
New Hampshire	66,532	66,896	47,706	30,905	77,436	N
New Jersey	71,919	77,816	46,342	35,206	104,045	47,083
New Mexico	44,803	48,048	37,773	31,592	55,988	N
New York	58,878	66,399	40,912	41,775	61,480	30,210
North Carolina	46,556	51,707	33,022	33,094	69,651	41,953
North Dakota	59,029	61,675	23,319	30,495	56,114	-
Ohio	49,308	52,600	26,747	30,882	70,377	N
Oklahoma	47,529	50,830	30,003	40,013	49,612	37,487
Oregon	51,075	51,919	30,892	41,480	67,748	26,987
Pennsylvania	53,234	56,862	32,271	31,632	64,041	56,984
Rhode Island	54,891	59,487	35,772	20,485	62,203	-
South Carolina	45,238	51,912	30,333	27,775	51,325	32,135
South Dakota	50,979	52,971	37,242	24,651	50,758	-
Tennessee	44,361	47,887	31,071	36,657	66,118	N
Texas	53,035	56,256	39,280	45,836	76,928	44,367
Utah	60,922	62,170	41,611	41,119	67,412	60,929
Vermont	54,166	54,669	50,933	32,237	60,212	-
Virginia	64,902	70,387	43,846	51,372	92,255	108,850
Washington	61,366	62,357	43,296	37,856	75,039	55,027
West Virginia	41,059	41,686	30,044	20,484	38,666	-
Wisconsin	52,622	55,619	26,053	35,504	50,264	45,224
Wyoming	57,055	58,875	N	45,020	46,579	-
Puerto Rico	18,028	19,422	19,227	20,226	14,991	

	Median income in the past	
	Male --	Female --
	Total	Total
Alabama	29,823	17,812
Alaska	40,277	24,522
Arizona	31,311	21,251
Arkansas	28,127	17,669
California	32,273	22,000
Colorado	36,576	24,782
Connecticut	41,515	26,829
Delaware	36,173	25,217
District of Columbia	44,100	34,078
Florida	29,358	20,543
Georgia	30,960	20,688
Hawaii	36,551	25,875
Idaho	30,595	18,166
Illinois	36,267	22,592
Indiana	32,222	20,381
Iowa	35,798	22,024
Kansas	34,465	21,377
Kentucky	28,097	18,511
Louisiana	31,917	18,569
Maine	30,924	20,832
Maryland	41,643	29,805
Massachusetts	40,609	25,743
Michigan	31,946	20,096
Minnesota	38,041	25,050
Mississippi	26,827	17,270
Missouri	31,171	20,547
Montana	31,113	19,398
Nebraska	34,129	21,779
Nevada	31,551	22,305
New Hampshire	40,099	25,059
New Jersey	41,653	26,232
New Mexico	28,094	18,638
New York	35,309	24,118
North Carolina	30,119	20,624
North Dakota	40,315	23,041
Ohio	32,225	20,742
Oklahoma	31,380	20,280
Oregon	30,880	20,536
Pennsylvania	34,332	21,411
Rhode Island	33,790	22,090
South Carolina	29,517	18,987
South Dakota	32,830	22,226
Tennessee	29,159	18,769
Texas	32,272	20,839
Utah	35,920	18,204
Vermont	32,487	21,504
Virginia	39,244	24,656
Washington	38,705	22,675
West Virginia	29,153	17,313
Wisconsin	34,869	22,079
Wyoming	38,587	22,211
Puerto Rico	13,697	10,855