

Data Exercise
 Gender and Social Inequality
 Sociology, Fall 2021

- For this exercise, we will look at gender and occupations. With your partner, think of as many occupations as you can. Shoot for at least 30 occupations, and try to include a variety of occupations from different industries. Put all 30 of the occupations on a spreadsheet as shown in the image below.

	A	B	C	D
1	Gender and Social Inequality			
2	Occupations	Prestige Score	Mean Hourly Wage	Percent Women
3	Accountant	65.01	\$39.00	30%
4	Baker			
5	Chemist			
6	Carpenter			
7	And so on			
8	And so on			
9	And so on			
10	And so on			
11	And so on			

- Next, use the [National Opinion Research Center's](#) (NORC) prestige scores to rank your occupations by prestige, from highest to lowest. To obtain the scores (which range from 0 to 100), NORC surveyed thousands of Americans regarding the amount of admiration, worthiness, and respect they had for occupations. On your spreadsheet, type in all the scores then use the "sort button" to sort your occupations from lowest prestige to highest prestige.

1980 Census Code	1989 Prestige Score	1980 Census Occupational Category

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS (62.24)		
Executive, Administrative, and Managerial Occupations		
003	60.92	Legislators
004	70.45	Chief Executives and General Administrators,
005	51.23	Administrators and Officials, Public Administ
006	53.66	Administrators, Protective Service
007	58.94	Financial Managers
008	53.85	Personnel and Labor Relations Managers
009	62.73	Purchasing Managers
013	59.46	Managers, Marketing, Advertising, and Public
014	63.70	Administrators, Education and Related Fields
015	69.22	Managers, Medicine and Health
016	38.53	Managers, Properties and Real Estate
017	52.85	Postmasters and Mail Superintendents
018	49.14	Funeral Directors
019	50.64	Managers and Administrators, n.e.c.

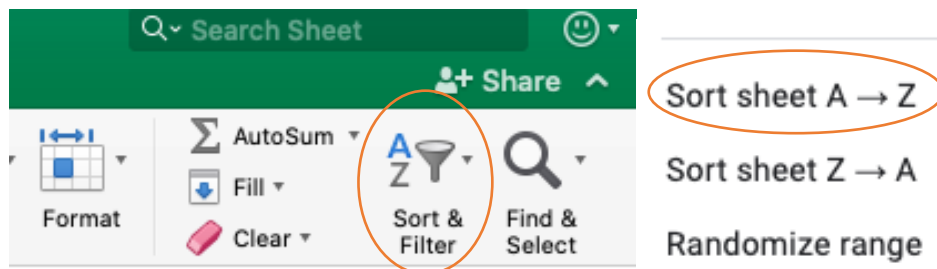
- Then, using the [Bureau of Labor Statistics](#) records, add the mean hourly wage for all your occupations to your spreadsheet. (After clicking the link, scroll down until you see the hourly wages.)

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
00-0000	All Occupations	total	139,099,570	0.1%	1000.000	\$20.17	\$27.07	\$56,310	0.1%
11-0000	Management Occupations	major	7,947,300	0.2%	57.134	\$52.77	\$60.81	\$126,480	0.2%
11-1000	Top Executives	minor	2,601,070	0.4%	18.699	\$51.05	\$62.46	\$129,920	0.2%
11-1011	Chief Executives	detail	202,360	1.0%	1.455	\$89.40	\$95.12	\$197,840	0.5%
11-1021	General and Operations Managers	detail	2,347,420	0.4%	16.876	\$49.83	\$60.45	\$125,740	0.2%
11-1031	Legislators	detail	51,290	2.5%	0.369	(4)	(4)	\$53,560	1.6%
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	minor	763,970	0.6%	5.492	\$64.48	\$71.51	\$148,740	0.3%

- Now, using [Bureau of Labor Statistics](#) records, input the percentage of employees in each occupation who are women.

Occupation	2020					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Total, 16 years and over	147,795	46.8	78.0	12.1	6.4	17.6
Management, professional, and related occupations	63,644	51.7	78.7	9.7	8.6	10.4
Management, business, and financial operations occupations	27,143	44.6	81.7	8.8	6.7	10.9
Management occupations	18,564	40.4	83.4	8.0	5.8	10.7
Chief executives	1,669	29.3	88.0	4.3	5.4	7.4
General and operations managers	1,057	30.5	84.4	7.1	4.5	12.4
Legislators	25	-	-	-	-	-

- Now sort your occupations by wage. Then sort by prestige and see if the order of occupations changes. Was there much movement in occupations, or did they stay in the same general area?



(Continue to the next page.)

6. Which occupation on your list has the highest mean hourly wage? What is the percent of women in that occupation?
7. Which occupation on your list has the highest prestige score? What is the percent of women in that occupation?
8. Now sort the occupations by percent of women. Do you notice any difference between the jobs that are done primarily by women vs. the jobs done primarily by men? How would you describe the differences? How do they relate to gender norms?
9. What is the average wage for occupations where *over* 50% of workers are women? What is the average wage for occupations where *under* 50% of workers are women? Are average wages higher in occupations where most workers are women or men? Why might this be?